

KENTUCKY PUBLIC SERVICE COMMISSION
ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

SECTION 1: CONTACT INFORMATION

UTILITY NAME	LOUISVILLE GAS AND ELECTRIC
REPORT PREPARED BY	Tiffany Koller (Dir. Substations & Asset Mgmt)
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SECTION 2: REPORTING YEAR

CALENDAR YEAR OF REPORT	2022
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SECTION 3: MAJOR EVENT DAYS (MED)

	T_{MED}
FIRST DATE USED TO DETERMINE T_{MED}	3.259
LAST DATE USED TO DETERMINE T_{MED}	1/1/2017
NUMBER OF MED IN REPORTING YEAR	12/31/2021
	7

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>442,875</u>	TOTAL CIRCUITS <u>625</u>
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Excluding MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>77.49</u>	SAIDI	<u>76.12</u>
SAIFI	<u>0.881</u>	SAIFI	<u>0.921</u>

Including MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>186.93</u>	SAIDI	<u>167.09</u>
SAIFI	<u>1.103</u>	SAIFI	<u>1.152</u>

Notes:

- 1) All duration indices (SAIDI) are to be reported in units of minutes.
 - 2) Reports are due on the first business day of May of each year
 - 3) Reports cover the calendar year ending in the December before the reports are due.
 - 4) IEEE 1366 (latest version) is used to define SAIDI, SAIFI, and T_{MED}
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SECTION 5: CIRCUIT REPORTING

BEGIN ON NEXT PAGE

- 1.) **SUBSTATION NAME AND NUMBER** ASHBY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 5400 Vesper Ln - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AB1203
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Ashby Ln & Bethany Ln - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,213
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/18/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 3.1%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 3.6%
- Trees- 35.6%
- Utility Equipment- 56.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 76.87

10.) **2022 SAIDI** 73.62

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

12.) **2022 SAIFI** 1.16

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** ASHBY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 5400 Vesper Ln - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AB1207
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Torrington Rd & Derring Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,646
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/18/2022

8.) **2022 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- 1.2%
- Trees- 14.8%
- Utility Equipment- 83.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 57.58

10.) **2022 SAIDI** 182.34

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.79

12.) **2022 SAIFI** 2.10

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** AIKEN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 12909 Shelbyville Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AK1289
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Shelbyville rd & Upton Ln - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 41.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,605
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/29/2020

8.) **2022 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- 1.4%
- Trees- 55.1%
- Utility Equipment- 43.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 38.19

10.) **2022 SAIDI** 28.10

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

12.) **2022 SAIFI** 1.05

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** AIKEN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 12909 Shelbyville Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AK1293
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - New English Station Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 146
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/21/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 69.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.7%
- Overload- 0.0%
- Planned Work- 29.9%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 93.78

10.) **2022 SAIDI** 98.22

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.49

12.) **2022 SAIFI** 0.76

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** AIKEN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 12909 Shelbyville Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AK1294
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Old Shelbyville Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 494
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/29/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 14.5%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 55.4%
- Trees- 26.1%
- Utility Equipment- 3.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 48.35

10.) **2022 SAIDI** 54.83

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

12.) **2022 SAIFI** 0.25

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** AIKEN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 12909 Shelbyville Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AK1295
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - N English Station Rd & Avoca Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 844
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 4.0%
- Overload- 0.0%
- Planned Work- 46.8%
- Trees- 48.6%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	35.93
10.) 2022 SAIDI	64.13
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.46
12.) 2022 SAIFI	0.53

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** AIKEN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 12909 Shelbyville Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AK1296
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - ShelbyvilleRd & N Beckley Station - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 36.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,592
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/08/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 64.5%
- Overload- 0.0%
- Planned Work- 32.2%
- Trees- 1.6%
- Utility Equipment- 1.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	58.44
10.) 2022 SAIDI	106.15
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.43
12.) 2022 SAIFI	0.38

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ALGONQUIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1800 S 11th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AL1372
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - W Shipp Ave - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,992
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/09/2019

8.) **2022 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)** 18.75

10.) **2022 SAIDI** 55.91

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

12.) **2022 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ALGONQUIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1800 S 11th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AL1373
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - S 12 St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 987
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/09/2019

8.) **2022 OUTAGES BY CAUSE**

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

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 175.92

10.) **2022 SAIDI** 472.72

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

12.) **2022 SAIFI** 2.97

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ALGONQUIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1800 S 11th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AL1374
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - S 7th St & Algonquin Pky - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 451
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/09/2019

8.) **2022 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- 92.7%
- Utility Equipment- 7.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 40.81

10.) **2022 SAIDI** 54.98

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

12.) **2022 SAIFI** 1.00

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** ALGONQUIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1800 S 11th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AL1377
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - W Hill St & S 10th St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/09/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 23.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 76.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 211.24

10.) **2022 SAIDI** 117.44

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.32

12.) **2022 SAIFI** 2.40

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** ALGONQUIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1800 S 11th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AL1380
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - S 7th St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,227
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/09/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 17.1%
- Other/Unknown- 0.8%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 0.0%
- Utility Equipment- 82.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 101.40

10.) **2022 SAIDI** 363.32

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.94

12.) **2022 SAIFI** 3.44

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ALGONQUIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1800 S 11th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AL1440
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - S 13st - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/09/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 83.1%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 16.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	94.79
10.) 2022 SAIDI	473.93
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.40
12.) 2022 SAIFI	2.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ALGONQUIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1800 S 11th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AL1441
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Bernheim Ln & 7th St Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 48
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/09/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 96.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 3.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	26.82
10.) 2022 SAIDI	49.53
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.49
12.) 2022 SAIFI	1.06

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ASHBOTTOM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8113 Grade Ln - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** AS1418
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Outer Loop - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 59
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/04/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.5%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 69.0%
- Overload- 0.0%
- Planned Work- 2.2%
- Trees- 28.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	75.56
10.) 2022 SAIDI	110.92
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.65
12.) 2022 SAIFI	0.93

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

- 1.) **SUBSTATION NAME AND NUMBER** BRANDENBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Meade - Weldon Church Rd. - Brandenburg
- 3.) **CIRCUIT NAME AND NUMBER** BB1102
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Brandenburg - E Broadway St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 847
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/17/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 2.2%
- Construction- 0.0%
- Lightning- 38.7%
- Non-Company- 0.0%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 7.6%
- Trees- 35.7%
- Utility Equipment- 14.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 84.46

10.) **2022 SAIDI** 194.78

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

12.) **2022 SAIFI** 3.18

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BISHOP
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Bishop Ln - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BI1219
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Pinewood Rd & Produce Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 961
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 12.1%
- Trees- 0.1%
- Utility Equipment- 87.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	30.82
10.) 2022 SAIDI	51.96
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.29
12.) 2022 SAIFI	0.20

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BISHOP
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Bishop Ln - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BI1220
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Popular Level Rd. & Gilmore Ln - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,113
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 1.2%
- Lightning- 11.6%
- Non-Company- 0.0%
- Other/Unknown- 26.6%
- Overload- 0.0%
- Planned Work- 7.1%
- Trees- 24.4%
- Utility Equipment- 28.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	47.61
10.) 2022 SAIDI	78.21
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.53
12.) 2022 SAIFI	0.70

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BISHOP
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Bishop Ln - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BI1221
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Robards Ln - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 64
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2021

8.) **2022 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)** 22.38

10.) **2022 SAIDI** 28.13

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

12.) **2022 SAIFI** 0.18

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BISHOP
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Bishop Ln - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BI1222
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Bishop Ln - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 44
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2021

- 8.) **2022 OUTAGES BY CAUSE**
 - Animal- 0.0%
 - Construction- 0.0%
 - Lightning- 0.0%
 - Non-Company- 0.0%
 - Other/Unknown- 0.0%
 - Overload- 0.0%
 - Planned Work- 0.0%
 - Trees- 0.0%
 - Utility Equipment- 100.0%
 - Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	0.22
10.) 2022 SAIDI	1.08
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.00
12.) 2022 SAIFI	0.02

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

- 1.) **SUBSTATION NAME AND NUMBER** BISHOP
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Bishop Ln - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BI1223
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Bishop Ln & Gilmore Ln - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 68
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 28.2%
- Other/Unknown- 46.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 18.0%
- Utility Equipment- 6.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.62

10.) **2022 SAIDI** 52.03

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

12.) **2022 SAIFI** 0.52

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BISHOP
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Bishop Ln - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BI1224
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Popular Level Rd & Preston Hwy - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,217
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2021

- 8.) **2022 OUTAGES BY CAUSE**
 - Animal- 0.8%
 - Construction- 0.0%
 - Lightning- 0.0%
 - Non-Company- 0.0%
 - Other/Unknown- 2.9%
 - Overload- 0.0%
 - Planned Work- 5.3%
 - Trees- 22.7%
 - Utility Equipment- 68.3%
 - Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 68.80
- 10.) **2022 SAIDI** 42.95
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.96
- 12.) **2022 SAIFI** 1.12

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

- 1.) **SUBSTATION NAME AND NUMBER** BRECKENRIDGE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Dutchmans Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BR1176
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - I-264 West - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,886
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/18/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 1.5%
- Planned Work- 95.6%
- Trees- 0.7%
- Utility Equipment- 2.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 13.69

10.) **2022 SAIDI** 43.41

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

12.) **2022 SAIFI** 0.34

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRECKENRIDGE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Dutchmans Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BR1179
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Breckenridge Ln - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,110
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/14/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 2.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 9.8%
- Other/Unknown- 1.8%
- Overload- 0.8%
- Planned Work- 67.4%
- Trees- 8.8%
- Utility Equipment- 9.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	56.11
10.) 2022 SAIDI	72.47
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.94
12.) 2022 SAIFI	0.95

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRECKENRIDGE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Dutchmans Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BR1182
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - I - 264 East - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 225
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/01/2020

8.) **2022 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- 90.4%
- Trees- 0.0%
- Utility Equipment- 9.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 98.40

10.) **2022 SAIDI** 112.28

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

12.) **2022 SAIFI** 1.10

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRECKENRIDGE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Dutchmans Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BR1184
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - I - 264 East - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 9
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/18/2020

8.) **2022 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)** 157.32
- 10.) **2022 SAIDI** 17.97
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.49
- 12.) **2022 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRECKENRIDGE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Dutchmans Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BR1185
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Taylorsville Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,827
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/16/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.4%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 3.3%
- Overload- 0.1%
- Planned Work- 62.1%
- Trees- 18.6%
- Utility Equipment- 14.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 145.46

10.) **2022 SAIDI** 188.23

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.36

12.) **2022 SAIFI** 2.33

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRECKENRIDGE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Dutchmans Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BR1186
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Richland Dr & Hunsinger Ln - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,675
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/19/2020

8.) **2022 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- 1.2%
- Trees- 63.4%
- Utility Equipment- 34.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 67.62

10.) **2022 SAIDI** 60.15

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

12.) **2022 SAIFI** 2.16

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRECKENRIDGE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Dutchmans Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BR1187
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Browns Ln - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 307
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/18/2020

8.) **2022 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- 31.4%
- Trees- 0.0%
- Utility Equipment- 68.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 46.16

10.) **2022 SAIDI** 68.81

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.35

12.) **2022 SAIFI** 1.06

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRECKENRIDGE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Dutchmans Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BR1352
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Brekenridge Ln - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 106
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/18/2020

8.) **2022 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- 1.4%
- Trees- 0.0%
- Utility Equipment- 98.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 47.52

10.) **2022 SAIDI** 154.24

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

12.) **2022 SAIFI** 1.03

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRECKENRIDGE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Dutchmans Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BR1354
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Taylorsville Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 34
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/19/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.6%
- Overload- 0.0%
- Planned Work- 2.7%
- Trees- 88.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 117.62
- 10.) **2022 SAIDI** 93.24
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.92
- 12.) **2022 SAIFI** 1.15

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BLUEGRASS PARKWAY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 11240 Bluegrass Parkway - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BY1276
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Commonwealth Dr - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 142
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 18.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 48.3%
- Utility Equipment- 33.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 6.63

10.) **2022 SAIDI** 9.90

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

12.) **2022 SAIFI** 0.07

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BLUEGRASS PARKWAY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 11240 Bluegrass Parkway - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BY1279
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Watterson Way - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 868
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/13/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 5.1%
- Construction- 22.4%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 7.0%
- Overload- 0.0%
- Planned Work- 65.4%
- Trees- 0.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 38.81
- 10.) **2022 SAIDI** 23.03
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.32
- 12.) **2022 SAIFI** 0.68

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BLUEGRASS PARKWAY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 11240 Bluegrass Parkway - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BY1281
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Bluegrass Parkway - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 169
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 4.8%
- Construction- 34.8%
- Lightning- 0.0%
- Non-Company- 2.0%
- Other/Unknown- 1.6%
- Overload- 0.0%
- Planned Work- 0.6%
- Trees- 26.9%
- Utility Equipment- 29.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 75.53

10.) **2022 SAIDI** 247.44

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.94

12.) **2022 SAIFI** 3.21

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BLUEGRASS PARKWAY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 11240 Bluegrass Parkway - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BY1283
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Blankenbaker Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 439
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.3%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 0.0%
- Utility Equipment- 97.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 73.09

10.) **2022 SAIDI** 306.18

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

12.) **2022 SAIFI** 2.90

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BLUEGRASS PARKWAY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 11240 Bluegrass Parkway - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** BY1285
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Moser Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 588
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 2.7%
- Trees- 33.8%
- Utility Equipment- 63.1%
- Vehicle- 0.0%

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

10.) **2022 SAIDI** 84.55

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

12.) **2022 SAIFI** 1.18

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CANAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2005 Northwestern Parkway - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CA1341
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - S 20th St & W Market St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,420
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/18/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 12.2%
- Overload- 0.0%
- Planned Work- 2.3%
- Trees- 65.5%
- Utility Equipment- 19.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 175.61

10.) **2022 SAIDI** 278.62

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

12.) **2022 SAIFI** 3.37

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

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** CANAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2005 Northwestern Parkway - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CA1343
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - S 20th St & W Chestnut St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,470
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/18/2023

8.) **2022 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)** 36.55

10.) **2022 SAIDI** 153.46

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

12.) **2022 SAIFI** 2.09

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CANAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2005 Northwestern Parkway - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CA1345
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - S 20th St & W Broadway - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,031
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/18/2023

8.) **2022 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)** 46.10

10.) **2022 SAIDI** 134.67

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

12.) **2022 SAIFI** 3.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CROP
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 116 N 26th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CB0002
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Duncan St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 604
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/18/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.3%
- Lightning- 7.8%
- Non-Company- 0.0%
- Other/Unknown- 2.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 88.6%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 48.58

10.) **2022 SAIDI** 91.96

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

12.) **2022 SAIFI** 1.46

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

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** CROP
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 116 N 26th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CB0004
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - W Market St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 374
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/18/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 62.0%
- Overload- 0.8%
- Planned Work- 2.1%
- Trees- 3.0%
- Utility Equipment- 32.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 90.59

10.) **2022 SAIDI** 271.29

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

12.) **2022 SAIFI** 2.43

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CENTERFIELD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 4210 Hwy 393 - Centerfield
- 3.) **CIRCUIT NAME AND NUMBER** CF1201
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Centerfield - Dawkins Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 52.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 544
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/31/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 8.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 6.5%
- Overload- 0.1%
- Planned Work- 35.8%
- Trees- 48.8%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 163.55

10.) **2022 SAIDI** 162.87

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.18

12.) **2022 SAIFI** **2.04**

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

Trees Trimmed in 2022

1.) **SUBSTATION NAME AND NUMBER** CENTERFIELD

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 4210 Hwy 393 - Centerfield

3.) **CIRCUIT NAME AND NUMBER** CF1203

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Centerfield - S Camedn Ln - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 62.6

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,207

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/30/2021

8.) **2022 OUTAGES BY CAUSE**

Animal- 13.4%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 18.0%

Trees- 38.9%

Utility Equipment- 29.7%

Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	117.74
10.) 2022 SAIDI	118.07
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.32
12.) 2022 SAIFI	1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CENTERFIELD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 4210 Hwy 393 - Centerfield
- 3.) **CIRCUIT NAME AND NUMBER** CF1205
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Centerfield - Elder Park Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 793
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/31/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 8.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 40.4%
- Trees- 35.7%
- Utility Equipment- 15.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	117.34
10.) 2022 SAIDI	128.46
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.15
12.) 2022 SAIFI	1.88

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

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** CLARKS LANE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 934 Clarks Ln - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CK0001
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Clarks Ln - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 149
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2019

8.) **2022 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- 29.0%
- Trees- 14.8%
- Utility Equipment- 56.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 22.65

10.) **2022 SAIDI** 54.58

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.20

12.) **2022 SAIFI** 0.61

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CLARKS LANE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 934 Clarks Ln - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CK0002
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Pindell Ave - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 456
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 2.9%
- Planned Work- 56.1%
- Trees- 39.4%
- Utility Equipment- 1.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 39.84

10.) **2022 SAIDI** 51.64

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

12.) **2022 SAIFI** 0.43

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** CLARKS LANE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 934 Clarks Ln - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CK0003
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Eastern PKY - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 221
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 6.0%
- Planned Work- 22.3%
- Trees- 71.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 27.81

10.) **2022 SAIDI** 24.37

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.23

12.) **2022 SAIFI** 0.25

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** CLIFTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2009 New Main Street - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CL1227
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Frankfort Ave, Clifton Ave, & Ewing Ave - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 648
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 68.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 11.9%
- Trees- 19.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	33.96
10.) 2022 SAIDI	46.05
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.48
12.) 2022 SAIFI	0.55

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CLIFTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2009 New Main Street - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CL1232
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Frankfort Ave, Story Ave, & E Main St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,809
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/06/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 8.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 3.5%
- Other/Unknown- 12.0%
- Overload- 0.0%
- Planned Work- 11.4%
- Trees- 14.1%
- Utility Equipment- 51.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 40.80

10.) **2022 SAIDI** 60.79

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.67

12.) **2022 SAIFI** 1.14

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CLIFTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2009 New Main Street - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CL1404
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - None - In Sub
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2022

8.) **2022 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)	21.75
10.) 2022 SAIDI	108.75
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.10
12.) 2022 SAIFI	0.50

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CLIFTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2009 New Main Street - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CL1405
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Mellwood Ave, River Rd, & River Green Cir - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 86
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/10/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 2.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 91.8%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 5.1%
- Utility Equipment- 0.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	146.42
10.) 2022 SAIDI	286.66
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.01
12.) 2022 SAIFI	1.11

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** COLLINS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3401 Coillins Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CO1192
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Winchester Acres Rd & La Grange Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 956
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 27.8%
- Construction- 0.0%
- Lightning- 9.4%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 27.0%
- Trees- 28.1%
- Utility Equipment- 7.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 77.32

10.) **2022 SAIDI** 65.90

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

12.) **2022 SAIFI** 0.70

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** COLLINS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3401 Coillins Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CO1196
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Westport Rd & Accomack Dr - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 975
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/25/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.8%
- Construction- 3.8%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 4.8%
- Overload- 0.0%
- Planned Work- 55.1%
- Trees- 33.7%
- Utility Equipment- 0.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 47.26

10.) **2022 SAIDI** 179.01

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

12.) **2022 SAIFI** 2.42

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CANE RUN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 5252 Cane Run Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CR1420
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Cane Run Rd - At Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 39
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/12/2021

8.) **2022 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)** 7.19

10.) **2022 SAIDI** 4.96

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.35

12.) **2022 SAIFI** 0.77

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CANE RUN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 5252 Cane Run Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CR1421
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Elmwood St, Lees Ln, & Campground Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/12/2021

8.) **2022 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)** 134.71

10.) **2022 SAIDI** 149.22

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

12.) **2022 SAIFI** 0.33

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CANE RUN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 5252 Cane Run Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CR1422
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - No Road - At Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 6
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/12/2021

8.) **2022 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)	12.71
10.) 2022 SAIDI	51.83
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.33
12.) 2022 SAIFI	1.17

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CONESTOGA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bullitt - 1365 N Buckman St. - Shepherdsville
- 3.) **CIRCUIT NAME AND NUMBER** CS1261
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Shepherdsville - I 65 S, HWY 44, & Joe B Hall Ave - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 231
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/15/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 3.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 36.3%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 58.1%
- Utility Equipment- 1.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 32.71

10.) **2022 SAIDI** 64.81

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

12.) **2022 SAIFI** 1.09

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CONESTOGA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bullitt - 1365 N Buckman St. - Shepherdsville
- 3.) **CIRCUIT NAME AND NUMBER** CS1262
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Shepherdsville - Buckman St & Mallard Lake Blvd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 574
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/15/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 86.8%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.7%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 11.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	29.39
10.) 2022 SAIDI	134.07
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.30
12.) 2022 SAIFI	1.26

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

- 1.) **SUBSTATION NAME AND NUMBER** CARTER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - Opposite 2215 Carter St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CT0003
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Portland Ave & N 20th St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 45
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/23/2019

8.) **2022 OUTAGES BY CAUSE**

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

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	5.19	
10.) 2022 SAIDI	8.48	
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.14	
12.) 2022 SAIFI	0.11	

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CRESTWOOD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - Floydsburg Rd. - Crestwood
- 3.) **CIRCUIT NAME AND NUMBER** CW1225
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Crestwood - Hwy 146, Muirs Ln, Elm Ave, & Hwy 362 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 35.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,530
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/24/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 2.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 40.3%
- Overload- 0.2%
- Planned Work- 10.9%
- Trees- 21.4%
- Utility Equipment- 24.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 49.32

10.) **2022 SAIDI** 60.66

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

12.) **2022 SAIFI** 1.37

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CLAY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 908 Clay St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CY1481
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - S Preston St, S Floyd St, E KY St, & 3rd St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 812
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/29/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 20.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 23.3%
- Utility Equipment- 56.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	150.88
10.) 2022 SAIDI	510.89
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.66
12.) 2022 SAIFI	5.50

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CLAY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 908 Clay St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CY1482
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Clay St, E Broadway, Logan St, Chestnut St, & Preston St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 35
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/29/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 11.1%
- Overload- 0.0%
- Planned Work- 1.6%
- Trees- 0.0%
- Utility Equipment- 87.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	56.52
10.) 2022 SAIDI	186.47
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.23
12.) 2022 SAIFI	0.89

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

- 1.) **SUBSTATION NAME AND NUMBER** CLAY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 908 Clay St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CY1484
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Jackson St, Jacob St, Floyd St, & 1st St - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 66
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/29/2022

8.) **2022 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)	79.08
10.) 2022 SAIDI	95.38
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.70
12.) 2022 SAIFI	0.85

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CLAY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 908 Clay St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** CY1487
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Clay St, Shelby St, & Bergman St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,901
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/29/2022

8.) **2022 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- 0.4%
- Trees- 99.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	47.33
10.) 2022 SAIDI	142.36
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.59
12.) 2022 SAIFI	1.16

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** DAHLIA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2135 Dahlia Ave. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** DA1238
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Bardstown Rd, Gold Smith Ln, & Peabody Ln - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,775
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/05/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 51.9%
- Overload- 0.0%
- Planned Work- 6.7%
- Trees- 39.9%
- Utility Equipment- 1.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 56.56

10.) **2022 SAIDI** 115.96

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

12.) **2022 SAIFI** 0.65

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** DAHLIA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2135 Dahlia Ave. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** DA1240
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Eleanor Ave, Lakeside Dr, Dundee Rd, & Newburg Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,263
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/27/2022

8.) **2022 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.2%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 1.0%

Overload- 0.0%

Planned Work- 88.5%

Trees- 9.2%

Utility Equipment- 0.9%

Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	68.45
10.) 2022 SAIDI	103.39
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.51
12.) 2022 SAIFI	0.74

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DEL PARK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3135 Del Park Terrance - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** DE1406
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - River Park Dr, S 41st St, & W Broadway - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,115
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/18/2023

8.) **2022 OUTAGES BY CAUSE**

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

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 232.07

10.) **2022 SAIDI** 535.91

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.20

12.) **2022 SAIFI** 4.99

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

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** DIXIE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1706 Bernheim Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** DX1220
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Bernheim Ln, 7th Street Rd, & Taylor Blvd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3,126
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/09/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 2.0%
- Construction- 0.0%
- Lightning- 1.2%
- Non-Company- 3.1%
- Other/Unknown- 45.2%
- Overload- 0.0%
- Planned Work- 19.6%
- Trees- 6.2%
- Utility Equipment- 22.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 64.82

10.) **2022 SAIDI** 94.18

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.10

12.) **2022 SAIFI** 0.59

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ETHEL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3532 Ethel Ave. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** ET1167
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Shepherdsville Rd, Bashford Ave, & Buechel Bank Rd - NE & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 802
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/25/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 93.5%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 0.7%
- Utility Equipment- 5.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 269.92

10.) **2022 SAIDI** 826.31

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.51

12.) **2022 SAIFI** 2.86

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ETHEL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3532 Ethel Ave. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** ET1169
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Hikes Ln, Champ Trace Ln, & Bashford Manor Ln - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 699
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/27/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 10.6%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 81.6%
- Overload- 0.0%
- Planned Work- 4.2%
- Trees- 0.2%
- Utility Equipment- 3.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	116.36
10.) 2022 SAIDI	264.56
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.42
12.) 2022 SAIFI	0.71

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ETHEL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3532 Ethel Ave. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** ET1171
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Newburg Rd, E Indian Trl, & Poplar Level Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,569
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/30/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 1.8%
- Other/Unknown- 3.7%
- Overload- 0.0%
- Planned Work- 43.5%
- Trees- 0.1%
- Utility Equipment- 50.0%
- Vehicle- 0.0%

- | | |
|--|-------------|
| 9.) CIRCUIT 5 YEAR AVERAGE (SAIDI) | 48.32 |
| 10.) 2022 SAIDI | 45.17 |
| 11.) CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.76 |
| 12.) 2022 SAIFI | 0.99 |

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ETHEL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3532 Ethel Ave. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** ET1423
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Jennings Ln, Bishop Ln, & Robards Ln - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 50
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/13/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 6.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 75.5%
- Overload- 0.0%
- Planned Work- 11.9%
- Trees- 0.0%
- Utility Equipment- 6.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	57.66
10.) 2022 SAIDI	112.95
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.75
12.) 2022 SAIFI	1.16

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EASTWOOD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 100 Flat Road Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** EW1240
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Shelbyville Rd & Beckley Creek PKWY - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 366
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/29/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.2%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 78.0%
- Utility Equipment- 20.8%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 24.21

10.) **2022 SAIDI** 52.76

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

12.) **2022 SAIFI** 0.54

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EASTWOOD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 16000 Shelbyville Rd - Middletown
- 3.) **CIRCUIT NAME AND NUMBER** EW1243
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Simpsonville - Eastwood Fisherville Rd & Shakes Creek Rd - SSE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 427
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/25/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.8%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 96.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 26.64

10.) **2022 SAIDI** 95.75

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

12.) **2022 SAIFI** 1.05

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FARNSELEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2428 Farnsley Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FA1148
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Cane Run Rd & Lees Ln - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,583
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/16/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 2.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 1.0%
- Other/Unknown- 5.0%
- Overload- 0.0%
- Planned Work- 35.7%
- Trees- 52.1%
- Utility Equipment- 4.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 88.24

10.) **2022 SAIDI** 158.39

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.06

12.) **2022 SAIFI** 3.29

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FARNSELEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2428 Farnsley Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FA1214
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Farnsley Rd, Cane Run Rd, Ralph Ave, & Campground Rd - N & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 980
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/16/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 7.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 51.6%
- Overload- 0.0%
- Planned Work- 12.5%
- Trees- 12.2%
- Utility Equipment- 16.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	88.63
10.) 2022 SAIDI	98.42
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.93
12.) 2022 SAIFI	1.42

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

- 1.) **SUBSTATION NAME AND NUMBER** FARNSELEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2428 Farnsley Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FA1215
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Orchard Way, S Crums Ln, Dover Rd, & Burrell Dr - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,681
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/16/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 73.1%
- Overload- 0.0%
- Planned Work- 9.6%
- Trees- 5.8%
- Utility Equipment- 10.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	61.14
10.) 2022 SAIDI	126.90
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.57
12.) 2022 SAIFI	0.79

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

- 1.) **SUBSTATION NAME AND NUMBER** FARNSELEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2428 Farnsley Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FA1216
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Crums Ln, Hillview Ave, & Garrs Ln - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,330
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/16/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 81.9%
- Overload- 0.0%
- Planned Work- 15.6%
- Trees- 0.1%
- Utility Equipment- 1.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 97.91

10.) **2022 SAIDI** 130.92

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.39

12.) **2022 SAIFI** 1.37

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FALLS CITY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1048 S 43rd St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FC0001
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Greenwood Ave & Cecil Ave - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 488
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/18/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.8%
- Overload- 0.0%
- Planned Work- 6.3%
- Trees- 90.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 55.04

10.) **2022 SAIDI** 36.05

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

12.) **2022 SAIFI** 0.46

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

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** FREYS HILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3300 Freys Hill Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FH1209
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Westport Rd, Langdon Dr, & Tiverton Way - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,536
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/10/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 19.9%
- Overload- 0.0%
- Planned Work- 8.4%
- Trees- 8.1%
- Utility Equipment- 62.8%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 71.55

10.) **2022 SAIDI** 153.54

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

12.) **2022 SAIFI** 6.27

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FREYS HILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3300 Freys Hill Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FH1210
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - N Hurstbourne PKY, Whipps Mill Rd, & La Grange Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,576
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/06/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 22.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 3.4%
- Other/Unknown- 13.8%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 4.7%
- Utility Equipment- 54.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 26.74
- 10.) **2022 SAIDI** 22.61
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.20
- 12.) **2022 SAIFI** 0.20

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

- 1.) **SUBSTATION NAME AND NUMBER** FREYS HILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3300 Freys Hill Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FH1213
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Westport Rd, Blossom Ln, Goose Creek Rd & Brownsboro Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,991
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.9%
- Overload- 0.0%
- Planned Work- 64.4%
- Trees- 9.9%
- Utility Equipment- 22.1%
- Vehicle- 0.0%

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

10.) **2022 SAIDI** 91.04

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

12.) **2022 SAIFI** 1.16

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FREYS HILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3300 Freys Hill Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FH1214
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Freys Hill Rd, Evergreen Rd, & Park Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 26.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 722
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/04/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.3%
- Overload- 0.0%
- Planned Work- 80.9%
- Trees- 0.1%
- Utility Equipment- 17.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 114.66

10.) **2022 SAIDI** 144.77

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

12.) **2022 SAIFI** 1.54

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FREYS HILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3300 Freys Hill Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FH1215
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Springhurst Blvd, Fischer Pard Dr, & I 265 S - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 79
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** Underground Circuit

8.) **2022 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)	42.14
10.) 2022 SAIDI	73.66
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.24
12.) 2022 SAIFI	0.01

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FREYS HILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3300 Freys Hill Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FH1216
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Springhurst Blvd & N Hurstbourne PKY - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,069
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/10/2019

8.) **2022 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- 0.0%
- Trees- 0.0%
- Utility Equipment- 99.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 38.20

10.) **2022 SAIDI** 116.16

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

12.) **2022 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FAIRMOUNT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 10713 Fairmount Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FM1257
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Brentlinger Ln, Seatonville Rd, Brush Run Rd, & Routt Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 91.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,033
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/05/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.1%
- Lightning- 13.0%
- Non-Company- 0.0%
- Other/Unknown- 44.0%
- Overload- 0.0%
- Planned Work- 22.9%
- Trees- 11.4%
- Utility Equipment- 7.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	148.18
10.) 2022 SAIDI	380.46
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.95
12.) 2022 SAIFI	1.60

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

- 1.) **SUBSTATION NAME AND NUMBER** FAIRMOUNT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 10713 Fairmount Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FM1259
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Fairmount Rd & Cedar Creek Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 958
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/28/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 1.1%
- Planned Work- 90.3%
- Trees- 2.4%
- Utility Equipment- 6.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 87.29

10.) **2022 SAIDI** 119.74

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

12.) **2022 SAIFI** 0.85

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FAIRMOUNT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 10713 Fairmount Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FM1261
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Fairmount Rd, Back Run Rd, & Dawson Hill Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 34.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 836
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/20/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.4%
- Other/Unknown- 11.2%
- Overload- 0.0%
- Planned Work- 36.2%
- Trees- 51.9%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	76.00
10.) 2022 SAIDI	232.56
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.66
12.) 2022 SAIFI	1.40

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FORTY FOURTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 128 N 44th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FO0002
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - N 44th St, W Market St, & Fontaine Landing Ct - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 352
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 23.0%
- Overload- 0.0%
- Planned Work- 42.8%
- Trees- 16.3%
- Utility Equipment- 17.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 41.87
- 10.) **2022 SAIDI** 43.99
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.61
- 12.) **2022 SAIFI** 0.11

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FORTY FOURTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 128 N 44th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FO0003
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Duncan St & N Longworth Ave - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 246
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 23.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 77.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	36.51
10.) 2022 SAIDI	44.90
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
12.) 2022 SAIFI	0.40

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FERN VALLEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1256 Old Fern Valley Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FV1135
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Forest Dr, E Indian Trl, & Poplar Level Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,114
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.2%
- Other/Unknown- 53.8%
- Overload- 0.0%
- Planned Work- 42.9%
- Trees- 0.7%
- Utility Equipment- 2.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 90.64

10.) **2022 SAIDI** 117.64

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.07

12.) **2022 SAIFI** 0.57

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FERN VALLEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1256 Old Fern Valley Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FV1139
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Industrial Blvd, Grade Ln, & Knopp Ave - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 215
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/28/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 5.5%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 0.0%
- Other/Unknown- 23.4%
- Overload- 0.0%
- Planned Work- 0.9%
- Trees- 52.5%
- Utility Equipment- 17.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 128.37

10.) **2022 SAIDI** 46.38

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.59

12.) **2022 SAIFI** 1.71

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FERN VALLEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1256 Old Fern Valley Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FV1141
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Hanes Dr, Poplar Level Rd, & Rangeland Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,432
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 80.6%
- Overload- 0.0%
- Planned Work- 10.2%
- Trees- 2.3%
- Utility Equipment- 5.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 76.23

10.) **2022 SAIDI** 88.62

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

12.) **2022 SAIFI** 1.76

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FERN VALLEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1256 Old Fern Valley Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FV1142
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Mile of Sunshine Dr, Whispering Hills Blvd, & Yellow Sands Dr - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,201
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/01/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 31.3%
- Construction- 1.8%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.6%
- Overload- 0.0%
- Planned Work- 9.3%
- Trees- 3.5%
- Utility Equipment- 53.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	108.86
10.) 2022 SAIDI	138.02
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.85
12.) 2022 SAIFI	2.37

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FERN VALLEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1256 Old Fern Valley Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FV1145
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Preston Hwy, Lipps Ln, & Lone Oak Ave - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,221
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/28/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 1.4%
- Lightning- 0.1%
- Non-Company- 2.0%
- Other/Unknown- 21.6%
- Overload- 0.0%
- Planned Work- 24.7%
- Trees- 38.9%
- Utility Equipment- 11.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	34.85
10.) 2022 SAIDI	65.96
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.57
12.) 2022 SAIFI	1.80

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FERN VALLEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1256 Old Fern Valley Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FV1475
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Old/Fern Valley Rd, & Industrial Blvd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 11
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/03/2021

8.) **2022 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)	96.12
10.) 2022 SAIDI	102.07
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.84
12.) 2022 SAIFI	1.18

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FERN VALLEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1256 Old Fern Valley Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FV1476
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Forest Dr, E Indian Trail, Poplar Level Rd, & Taylor Ave - NNW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 99
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/03/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 6.0%
- Non-Company- 0.0%
- Other/Unknown- 38.6%
- Overload- 0.0%
- Planned Work- 1.2%
- Trees- 0.0%
- Utility Equipment- 54.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	162.62
10.) 2022 SAIDI	261.63
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	2.32
12.) 2022 SAIFI	2.82

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

- 1.) **SUBSTATION NAME AND NUMBER** FERN VALLEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1256 Old Fern Valley Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FV1477
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Preston Hwy & Outer Loop - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 27
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/03/2021

8.) **2022 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- 3.9%
- Trees- 95.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 91.21

10.) **2022 SAIDI** 240.95

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

12.) **2022 SAIFI** 0.52

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FERN VALLEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1256 Old Fern Valley Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** FV1478
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Preston Hwy, & Standiford Ave/Ln - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 114
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/03/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 8.3%
- Construction- 0.0%
- Lightning- 43.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 35.0%
- Trees- 13.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 19.77

10.) **2022 SAIDI** 46.20

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

12.) **2022 SAIFI** 0.34

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GRAND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1038 S 34th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** GD0002
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Louis Coleman Jr Dr, Virginia Ave, & Kirby Ave - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 577
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/22/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 23.8%
- Overload- 0.0%
- Planned Work- 11.4%
- Trees- 3.0%
- Utility Equipment- 61.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 40.02

10.) **2022 SAIDI** 59.96

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

12.) **2022 SAIFI** 0.50

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GILLIGAN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 35th Street & Gilligan Ave - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** GI0001
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Bank ST, 33rd St, Portland Ave, & Rudd Ave - N & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 672
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/04/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 83.8%
- Overload- 0.0%
- Planned Work- 2.3%
- Trees- 13.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	94.02
10.) 2022 SAIDI	151.87
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.84
12.) 2022 SAIFI	1.12

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GILLIGAN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 35th Street & Gilligan Ave - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** GI0003
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Bank St, N 39th St, & S 38th St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 476
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/04/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 38.0%
- Overload- 0.0%
- Planned Work- 6.0%
- Trees- 56.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 50.35

10.) **2022 SAIDI** 166.03

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.62

12.) **2022 SAIFI** 1.47

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

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** GOSS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1260 Goss Ave - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** GO0003
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Ash St & Hickory St - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 410
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/17/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 64.8%
- Overload- 0.0%
- Planned Work- 29.1%
- Trees- 6.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 20.04

10.) **2022 SAIDI** 21.34

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

12.) **2022 SAIFI** 0.17

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GRADY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1838 S 39th St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** GR1463
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Stratton Ave, Louis Coleman Jr Dr, & Grand Ave - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,790
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/26/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 7.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 92.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	72.31
10.) 2022 SAIDI	146.97
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.16
12.) 2022 SAIFI	2.36

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** GRADY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1838 S 39th St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** GR1465
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - S 41st St, Bells Ln, & Oxy Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/26/2019

8.) **2022 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)** 17.90

10.) **2022 SAIDI** 58.52

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

12.) **2022 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HALE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - Rear 185 Hale Ave - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HA0001
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Dixie Hwy, Osage Ave, Grand Ave, & Date St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 659
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/26/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 73.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 26.5%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	61.24
10.) 2022 SAIDI	101.26
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.45
12.) 2022 SAIFI	0.23

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** HURSTBOURNE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1830 Plantside Drive - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HB1143
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Hurstbourne Pky & Stone Creek Pky - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 402
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/14/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 7.6%
- Trees- 0.0%
- Utility Equipment- 92.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	37.84
10.) 2022 SAIDI	52.11
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.32
12.) 2022 SAIFI	0.27

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HURSTBOURNE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1830 Plantside Drive - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HB1146
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Plantside Dr, Carton Dr, & Bunsen Way - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 163
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/26/2019

8.) **2022 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- 19.8%
- Trees- 80.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	28.62
10.) 2022 SAIDI	47.30
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.46
12.) 2022 SAIFI	1.12

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** HILLCREST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3015 Frankfort Ave. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HC1290
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Frankfort Ave, Fenley Ave, & Breckenridge Ln - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,673
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/26/2018

8.) **2022 OUTAGES BY CAUSE**

- Animal- 2.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 2.2%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 2.6%
- Utility Equipment- 92.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	35.30
10.) 2022 SAIDI	77.86
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.38
12.) 2022 SAIFI	1.14

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HILLCREST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3015 Frankfort Ave. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HC1291
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Frankfort Ave, Birchwood Ave, & Brownsboro Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,547
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/07/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.9%
- Overload- 0.0%
- Planned Work- 80.3%
- Trees- 5.3%
- Utility Equipment- 9.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 37.03

10.) **2022 SAIDI** 34.22

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

12.) **2022 SAIFI** 1.18

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HILLCREST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3015 Frankfort Ave. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HC1292
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Grinstead Dr, Lexington Rd, & Alta Vista Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 854
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 8.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.6%
- Overload- 0.0%
- Planned Work- 19.0%
- Trees- 32.0%
- Utility Equipment- 39.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 64.52

10.) **2022 SAIDI** 76.15

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

12.) **2022 SAIFI** 0.64

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** HILLCREST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3015 Frankfort Ave. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HC1293
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Lexington Rd, Cannons Ln, & Old Cannons Ln - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,310
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/10/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.3%
- Construction- 5.7%
- Lightning- 1.2%
- Non-Company- 0.0%
- Other/Unknown- 2.4%
- Overload- 0.0%
- Planned Work- 45.5%
- Trees- 29.2%
- Utility Equipment- 14.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 151.49

10.) **2022 SAIDI** 75.69

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

12.) **2022 SAIFI** 0.41

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HILLCREST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3015 Frankfort Ave. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HC1294
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Hillcrest Ave, Zorn Ave, & River Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,133
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/12/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.8%
- Other/Unknown- 3.3%
- Overload- 0.0%
- Planned Work- 63.2%
- Trees- 29.2%
- Utility Equipment- 3.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 137.13

10.) **2022 SAIDI** 198.67

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

12.) **2022 SAIFI** 1.37

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** HILLCREST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3015 Frankfort Ave. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HC1434
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Stilz Ave, Lexington Rd, & Alta Vista Rd - S & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 7
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/10/2021

8.) **2022 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)** 95.85
- 10.) **2022 SAIDI** 71.64
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.78
- 12.) **2022 SAIFI** 0.86

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HERMAN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - Rear 3619 Jefferson St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HE0003
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 38th St, Amy Ave, & W Muhammad Ali Blvd - N & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 663
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/25/2023

8.) **2022 OUTAGES BY CAUSE**

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

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 18.32

10.) **2022 SAIDI** 22.35

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

12.) **2022 SAIFI** 0.27

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

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** HIGHLAND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1917 Stevens Ave. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HI1473
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Eastern Pky, Poplar Level Rd, & Nightingale Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,766
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/24/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 89.9%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 10.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 108.17

10.) **2022 SAIDI** 130.06

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

12.) **2022 SAIFI** 0.61

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARRODS CREEK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 6611 Del Haven Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HK1238
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Timber Bridge Dr & Fox Harbor Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 428
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/11/2023

- 8.) **2022 OUTAGES BY CAUSE**
 - Animal- 2.5%
 - Construction- 0.0%
 - Lightning- 0.0%
 - Non-Company- 0.0%
 - Other/Unknown- 0.0%
 - Overload- 0.0%
 - Planned Work- 91.8%
 - Trees- 0.0%
 - Utility Equipment- 5.7%
 - Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	220.31
10.) 2022 SAIDI	433.37
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.21
12.) 2022 SAIFI	3.08

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

- 1.) **SUBSTATION NAME AND NUMBER** HARRODS CREEK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 6611 Del Haven Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HK1241
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - River Rd, Avish Ln, & Rockledge Dr - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 538
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/06/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 20.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.2%
- Overload- 0.0%
- Planned Work- 26.4%
- Trees- 19.3%
- Utility Equipment- 30.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 140.98

10.) **2022 SAIDI** 156.01

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.08

12.) **2022 SAIFI** 0.80

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARRODS CREEK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 6611 Del Haven Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HK1242
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - River Rd, Shirley Ave, & Duroc Ave - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 579
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/03/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 62.4%
- Overload- 0.0%
- Planned Work- 26.5%
- Trees- 9.5%
- Utility Equipment- 1.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 22.38

10.) **2022 SAIDI** 24.81

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.41

12.) **2022 SAIFI** 0.29

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARMONY LANDING
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 11943 W Hwy 42 - Goshen
- 3.) **CIRCUIT NAME AND NUMBER** HL1158
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Goshen - US 42 & Buckeye Ln - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 32.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 536
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/08/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.4%
- Construction- 0.3%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 22.9%
- Trees- 41.7%
- Utility Equipment- 33.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 167.78

10.) **2022 SAIDI** 183.81

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.34

12.) **2022 SAIFI** 1.55

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HANCOCK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 630 E Caldwell St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** HN1200
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Shelby St, E Broadway, Baxter Ave, & Cherokee Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,899
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/29/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 2.6%
- Trees- 94.4%
- Utility Equipment- 2.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	91.74
10.) 2022 SAIDI	228.84
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.24
12.) 2022 SAIFI	2.99

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** INTERNATIONAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 5599 Cane Run Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** IN1291
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Lower Hunters Trace, Terry Rd, & Mt Everest Dr - ESE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 33.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3,029
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/27/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 2.0%
- Construction- 0.0%
- Lightning- 2.9%
- Non-Company- 0.0%
- Other/Unknown- 16.6%
- Overload- 0.0%
- Planned Work- 39.2%
- Trees- 2.8%
- Utility Equipment- 36.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 61.11

10.) **2022 SAIDI** 80.73

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.45

12.) **2022 SAIFI** 2.56

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** INTERNATIONAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 5599 Cane Run Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** IN1293
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Cane Run Rd, Port Rd, & Intermodal Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 255
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/02/2021

8.) **2022 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- 95.2%
- Trees- 0.0%
- Utility Equipment- 1.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 30.79

10.) **2022 SAIDI** 72.36

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

12.) **2022 SAIFI** 1.13

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** INTERNATIONAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 5599 Cane Run Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** IN1298
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Cane Run Rd & Distribution Dr - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 12
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/02/2021

8.) **2022 OUTAGES BY CAUSE**

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

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	64.05
10.) 2022 SAIDI	132.12
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.61
12.) 2022 SAIFI	0.86

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** JEFFERSONTOWN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 11412 Taylorsville Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** JT1126
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Old Heady Rd, Easum Rd, & Valley Park Dr - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 49.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,487
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/18/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 96.4%
- Trees- 0.2%
- Utility Equipment- 3.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	62.07
10.) 2022 SAIDI	117.77
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.63
12.) 2022 SAIFI	1.85

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** KENWOOD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 115 Steedly Dr. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** KE1155
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Southside Dr, 3rd St, & W Southland Blvd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,188
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/17/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 20.5%
- Non-Company- 0.0%
- Other/Unknown- 1.7%
- Overload- 0.0%
- Planned Work- 30.8%
- Trees- 40.0%
- Utility Equipment- 6.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	32.05
10.) 2022 SAIDI	39.26
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.26
12.) 2022 SAIFI	0.36

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

- 1.) **SUBSTATION NAME AND NUMBER** KENWOOD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 115 Steedly Dr. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** KE1158
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Inverness Ave, New Cut Rd, & Palatka Rd - W & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,424
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/28/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 1.3%
- Overload- 0.0%
- Planned Work- 52.9%
- Trees- 41.2%
- Utility Equipment- 3.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 32.07

10.) **2022 SAIDI** 69.01

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

12.) **2022 SAIFI** 0.41

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** KENWOOD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 115 Steedly Dr. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** KE1159
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Kenwood Dr, Homestead Dr, & Southside Dr - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,435
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/17/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 16.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 25.8%
- Overload- 0.0%
- Planned Work- 7.9%
- Trees- 30.6%
- Utility Equipment- 19.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 72.60
- 10.) **2022 SAIDI** 76.26
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.09
- 12.) **2022 SAIFI** 0.90

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** KENWOOD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 115 Steedly Dr. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** KE1162
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Strawberry Ln & Eiler Ave - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 83
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/19/2020

8.) **2022 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- 29.3%
- Trees- 1.0%
- Utility Equipment- 69.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 34.66

10.) **2022 SAIDI** 98.31

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

12.) **2022 SAIFI** 0.40

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LOGAN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - Rear of 1130 Logan St, St Catherine St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** LG0001
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Shelby St, E Oak St, & Bergman St - N & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 509
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/17/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 25.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 74.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 78.03

10.) **2022 SAIDI** 234.24

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

12.) **2022 SAIFI** 0.54

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** LOGAN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - Rear of 1130 Logan St, St Catherine St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** LG0003
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Logan St, E Kentucky St, & Swan St - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 288
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/17/2022

8.) **2022 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- 1.7%
- Trees- 71.8%
- Utility Equipment- 20.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 28.39

10.) **2022 SAIDI** 35.95

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

12.) **2022 SAIFI** 0.49

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** LYNN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - Rear of 2071 S Preston St & Lynn St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** LN0003
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Barbee Ave, Crittenden Dr, Warnock St, & Floyd St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 436
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/17/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.6%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 67.5%
- Overload- 0.0%
- Planned Work- 3.9%
- Trees- 28.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 34.14

10.) **2022 SAIDI** 81.29

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

12.) **2022 SAIFI** 1.11

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** LYNN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - Rear of 2071 S Preston St & Lynn St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** LN0004
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Preston St & Gernert Ct - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 492
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/17/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 4.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 84.5%
- Trees- 0.9%
- Utility Equipment- 10.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 27.34

10.) **2022 SAIDI** 47.93

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.20

12.) **2022 SAIFI** 0.28

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LOCUST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2929 Preston Hwy - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** LO1190
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Hess Ln, Poplar Level Rd, & Sheridan Ave - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,259
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 6.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.3%
- Overload- 0.6%
- Planned Work- 13.5%
- Trees- 32.5%
- Utility Equipment- 45.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 113.03

10.) **2022 SAIDI** 130.74

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

12.) **2022 SAIFI** 1.65

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** LOCUST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2929 Preston Hwy - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** LO1192
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Preston Hwy, Crittenden Dr, & Boxley Ave - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,284
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/21/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 11.9%
- Construction- 0.9%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 19.8%
- Overload- 0.0%
- Planned Work- 17.4%
- Trees- 37.6%
- Utility Equipment- 12.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 67.67

10.) **2022 SAIDI** 78.91

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.84

12.) **2022 SAIFI** 0.98

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** LOCUST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2929 Preston Hwy - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** LO1193
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Preston Hwy, Belmar Dr, & Phillips Ln - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,290
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/08/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 3.6%
- Construction- 0.5%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 22.6%
- Overload- 0.0%
- Planned Work- 50.2%
- Trees- 11.1%
- Utility Equipment- 11.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 97.90

10.) **2022 SAIDI** 135.79

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.32

12.) **2022 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LYNDON SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 918 Ormsby Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** LS1243
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Ormsby Ln & LaGrange Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 815
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/21/2018

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.5%
- Construction- 0.1%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 78.8%
- Overload- 0.0%
- Planned Work- 4.4%
- Trees- 4.7%
- Utility Equipment- 10.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 77.91

10.) **2022 SAIDI** 196.20

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

12.) **2022 SAIFI** 0.53

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LYNDON SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 918 Ormsby Ln. - Bellemeade
- 3.) **CIRCUIT NAME AND NUMBER** LS1244
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lyndon - New La Grange Rd, La Grange Rd, Whipps Mill Rd - N & NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,906
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/24/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 13.1%
- Construction- 0.0%
- Lightning- 5.6%
- Non-Company- 0.0%
- Other/Unknown- 2.0%
- Overload- 0.0%
- Planned Work- 41.2%
- Trees- 32.2%
- Utility Equipment- 5.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	98.21
10.) 2022 SAIDI	124.68
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.66
12.) 2022 SAIFI	0.95

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

- 1.) **SUBSTATION NAME AND NUMBER** LYNDON SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 918 Ormsby Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** LS1246
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - New La Grange Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 387
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 4.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 5.4%
- Utility Equipment- 89.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	38.97
10.) 2022 SAIDI	108.94
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.47
12.) 2022 SAIFI	1.27

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LYNDON SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 918 Ormsby Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** LS1248
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Whipps Mill Rd, Ormsby Station Rd, & Shelbyville Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 534
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/29/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 58.9%
- Trees- 38.3%
- Utility Equipment- 2.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 123.32

10.) **2022 SAIDI** 345.45

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.01

12.) **2022 SAIFI** 1.80

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LYNDON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8407 LaGrange Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** LY1163
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Railroad Ave, Lyndon Ln, & Westport Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,183
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/11/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 35.0%
- Overload- 0.0%
- Planned Work- 32.8%
- Trees- 17.1%
- Utility Equipment- 14.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 76.62

10.) **2022 SAIDI** 78.28

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

12.) **2022 SAIFI** 2.28

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MADISON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 635 E Madison - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MD1451
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Madison St, Wenzel St, Baxter Ave, & Lexington Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 24
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/29/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 65.9%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 34.1%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	43.20
10.) 2022 SAIDI	55.65
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
12.) 2022 SAIFI	0.20

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

- 1.) **SUBSTATION NAME AND NUMBER** MADISON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 635 E Madison - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MD1452
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Clay St, E Main St, & River Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 529
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/29/2022

8.) **2022 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- 0.2%
- Trees- 30.6%
- Utility Equipment- 69.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 143.72

10.) **2022 SAIDI** 288.44

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.43

12.) **2022 SAIFI** 1.54

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** MAGAZINE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 646 S 13th St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MG0407
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Chestnut St, Quest Dr, & Muhammad Ali Blvd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 639
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.7%
- Overload- 0.0%
- Planned Work- 5.0%
- Trees- 58.0%
- Utility Equipment- 33.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 253.90

10.) **2022 SAIDI** 601.16

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.12

12.) **2022 SAIFI** 3.48

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

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** MAGAZINE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 646 S 13th St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MG0417
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 15th St, Cedar St, Chestnut St, 18th & 19th St - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 763
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.4%
- Overload- 1.3%
- Planned Work- 53.7%
- Trees- 15.9%
- Utility Equipment- 25.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 90.50

10.) **2022 SAIDI** 151.60

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.06

12.) **2022 SAIFI** 2.26

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MAGAZINE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 646 S 13th St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MG0452
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 12th St, W Kentucky St, & W Oak St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 65
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 1.6%
- Non-Company- 0.0%
- Other/Unknown- 87.9%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 3.8%
- Utility Equipment- 6.8%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 136.67

10.) **2022 SAIDI** 86.77

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

12.) **2022 SAIFI** 1.30

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MAGAZINE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 646 S 13th St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MG0454
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - W Broadway & S 9th St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 4
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2023

8.) **2022 OUTAGES BY CAUSE**

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

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 81.74

10.) **2022 SAIDI** 193.97

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

12.) **2022 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MAGAZINE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 646 S 13th St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MG1314
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Magazine St, W Chestnut St - W and E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2023

8.) **2022 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)	19.81
10.) 2022 SAIDI	99.07
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.12
12.) 2022 SAIFI	0.60

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MAGAZINE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 646 S 13th St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MG1326
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - W Broadway, Dixie Hwy, & Dr W J Hodge St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 117
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 7.5%
- Trees- 0.0%
- Utility Equipment- 92.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.60

10.) **2022 SAIDI** 61.11

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.41

12.) **2022 SAIFI** 1.03

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MAGAZINE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 646 S 13th St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MG1329
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - W Broadway, 9th St, 8th St, 7th St, & 5th St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 138
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.3%
- Planned Work- 8.2%
- Trees- 29.7%
- Utility Equipment- 61.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 184.16

10.) **2022 SAIDI** 366.73

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.80

12.) **2022 SAIFI** 7.15

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

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** MANSLICK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8703 Manslick Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MK1290
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 3rd Street Rd, Chistland Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 489
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/02/2022

8.) **2022 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- 34.2%
- Trees- 29.7%
- Utility Equipment- 25.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 103.23

10.) **2022 SAIDI** 34.76

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

12.) **2022 SAIFI** 0.57

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** MANSLICK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8703 Manslick Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MK1292
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Outer Loop & National Tpike - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,345
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/30/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 6.6%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 38.4%
- Utility Equipment- 54.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	36.77
10.) 2022 SAIDI	49.05
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.33
12.) 2022 SAIFI	0.58

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MANSLICK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8703 Manslick Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MK1293
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Manslick Rd and Brown Austin Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,360
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/01/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.5%
- Overload- 0.0%
- Planned Work- 70.0%
- Trees- 24.4%
- Utility Equipment- 3.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 30.12

10.) **2022 SAIDI** 22.69

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

12.) **2022 SAIFI** 0.32

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MANSLICK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8703 Manslick Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MK1296
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 3rd St Rd, Christland Rd, & Manslick Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,740
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/02/2022

- 8.) **2022 OUTAGES BY CAUSE**
 - Animal- 7.9%
 - Construction- 0.0%
 - Lightning- 3.3%
 - Non-Company- 0.0%
 - Other/Unknown- 1.8%
 - Overload- 0.3%
 - Planned Work- 45.0%
 - Trees- 33.2%
 - Utility Equipment- 8.5%
 - Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 49.52

10.) **2022 SAIDI** 36.82

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

12.) **2022 SAIFI** 0.44

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** MANSLICK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8703 Manslick Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** MK1299
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Arnold Town Rd, Timber Hills Rd, & St Andrews Church Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 780
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/19/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 12.1%
- Overload- 0.0%
- Planned Work- 52.6%
- Trees- 34.1%
- Utility Equipment- 1.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	58.58
10.) 2022 SAIDI	99.53
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.38
12.) 2022 SAIFI	0.97

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** MUD LANE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4900 Mud Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** ML1282
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Mud Ln, Blue Lick Rd, Vanguard Dr & Caven Ave - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 30.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,557
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/05/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.3%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.0%
- Overload- 0.0%
- Planned Work- 29.3%
- Trees- 63.0%
- Utility Equipment- 3.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	74.46
10.) 2022 SAIDI	88.37
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.78
12.) 2022 SAIFI	0.91

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** MUD LANE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4900 Mud Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** ML1288
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Preston Hwy, Hebron Ln, & Bells Mill Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 39.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,641
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/03/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 11.2%
- Construction- 1.9%
- Lightning- 0.6%
- Non-Company- 0.0%
- Other/Unknown- 11.5%
- Overload- 0.0%
- Planned Work- 2.0%
- Trees- 51.3%
- Utility Equipment- 21.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 53.15

10.) **2022 SAIDI** 61.78

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

12.) **2022 SAIFI** 1.19

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** MULDRAUGH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Meade - 100 Carpenter Test Rd. - Muldraugh
- 3.) **CIRCUIT NAME AND NUMBER** MU1101
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Muldraugh - Carpenter Test Rd, Main St, & Dixie Hwy - E & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 552
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/27/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 3.8%
- Trees- 74.8%
- Utility Equipment- 21.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 101.73
- 10.) **2022 SAIDI** 132.03
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.37
- 12.) **2022 SAIFI** 1.06

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** NACHAND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 7201 Verona Way - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** NA1264
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Six Mile Ln & Klondike Ln - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,217
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/24/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 4.1%
- Overload- 0.0%
- Planned Work- 24.1%
- Trees- 1.4%
- Utility Equipment- 70.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 25.70

10.) **2022 SAIDI** 38.11

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

12.) **2022 SAIFI** 0.23

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** NACHAND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 7201 Verona Way - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** NA1269
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Wisteria Landing Cir, Beargrass Ave, Bardstown Rd & Fegenbush Ln - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,661
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.2%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 16.1%
- Overload- 0.0%
- Planned Work- 60.1%
- Trees- 19.7%
- Utility Equipment- 3.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 71.75

10.) **2022 SAIDI** 101.90

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.23

12.) **2022 SAIFI** 1.18

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** OLD HENRY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 13601 Terra View Trail - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** OH1170
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Old Henry Rd, Nelson Miller Pky, & Stanley Gault Pky - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 145
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/14/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 23.6%
- Overload- 0.0%
- Planned Work- 70.0%
- Trees- 6.4%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.29

10.) **2022 SAIDI** 17.53

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

12.) **2022 SAIFI** 0.03

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** OLD HENRY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 13601 Terra View Trail - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** OH1172
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Eastpoint Pky & Nelson Miller Pky - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 96
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** Underground Circuit

8.) **2022 OUTAGES BY CAUSE**

- Animal- 6.6%
- 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- 93.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 49.31

10.) **2022 SAIDI** 78.03

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

12.) **2022 SAIFI** 1.03

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** OLD HENRY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 13601 Terra View Trail - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** OH1174
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Bush Farm Dr and Aiken Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 881
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/21/2020

8.) **2022 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)** 14.45

10.) **2022 SAIDI** 7.66

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

12.) **2022 SAIFI** 0.15

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** OKOLONA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 811 N 27th St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** OK1271
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Outer Loop, Robbs Ln, & Monaco Dr - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 953
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/04/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 39.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 5.1%
- Trees- 46.9%
- Utility Equipment- 8.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	25.85
10.) 2022 SAIDI	69.22
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
12.) 2022 SAIFI	0.90

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** OKOLONA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 811 N 27th St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** OK1272
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Outer Loop, Shepherdsville Rd, & Applegate Ln - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,689
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/06/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 27.3%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 56.1%
- Utility Equipment- 16.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 46.31
- 10.) **2022 SAIDI** 40.37
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.71
- 12.) **2022 SAIFI** 0.85

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** OKOLONA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 811 N 27th St. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** OK1273
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Preston Hwy, St. Rita Dr, & High School Dr - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 791
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/04/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.4%
- Construction- 0.0%
- Lightning- 38.4%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 26.4%
- Utility Equipment- 32.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 61.75
- 10.) **2022 SAIDI** 110.38
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.89
- 12.) **2022 SAIFI** 0.84

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** ORMSBY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - Rear of 436 E Ormsby Jackson St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** OR0003
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Preston St, Woodbine St, Floyd St, & Burnett Ave- SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 609
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/29/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 13.9%
- Other/Unknown- 17.0%
- Overload- 1.7%
- Planned Work- 55.4%
- Trees- 11.0%
- Utility Equipment- 1.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 30.54

10.) **2022 SAIDI** 44.63

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

12.) **2022 SAIFI** 0.46

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** OXMOOR
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8004 Shelbyville Rd - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** OX1277
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Oxmoor Woods Pky, Linn Station Rd, & Hogarth Dr - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 554
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/16/2019

8.) **2022 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- 44.7%
- Trees- 3.6%
- Utility Equipment- 51.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	147.10
10.) 2022 SAIDI	403.37
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.91
12.) 2022 SAIFI	2.47

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

- 1.) **SUBSTATION NAME AND NUMBER** PIRTLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - Rear 1506 W Main St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** PI0001
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - W Market St, S 12th St, & W Main St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 138
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/01/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.8%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 39.5%
- Overload- 0.0%
- Planned Work- 44.8%
- Trees- 0.0%
- Utility Equipment- 14.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.74

10.) **2022 SAIDI** 8.48

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

12.) **2022 SAIFI** 0.11

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PIRTLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - Rear 1506 W Main St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** PI0002
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - W Market St, 22nd St, 19th St, & Cedar St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 545
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/01/2023

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.7%
- Other/Unknown- 7.9%
- Overload- 17.2%
- Planned Work- 24.2%
- Trees- 3.9%
- Utility Equipment- 46.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 65.68
- 10.) **2022 SAIDI** 59.23
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.69
- 12.) **2022 SAIFI** 0.82

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PLEASURE RIDGE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4400 Atlas Power Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** PL1276
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Dixie Hwy, Cofer Ave, and Fury Way - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 255
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/06/2018

8.) **2022 OUTAGES BY CAUSE**

- Animal- 97.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 1.3%
- Trees- 0.0%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	25.59
10.) 2022 SAIDI	49.51
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.38
12.) 2022 SAIFI	0.68

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PADDYS RUN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Floyd - 4222 Hwy 111 - New Albany
- 3.) **CIRCUIT NAME AND NUMBER** PR1382
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** New Albany - No Road - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/04/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 74.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 25.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 109.20

10.) **2022 SAIDI** 136.18

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

12.) **2022 SAIFI** 2.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PADDYS RUN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Floyd - 4222 Hwy 111 - New Albany
- 3.) **CIRCUIT NAME AND NUMBER** PR1389
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** New Albany - Campground Rd & Senn Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 7
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/04/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 40.8%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 59.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 104.79

10.) **2022 SAIDI** 116.84

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

12.) **2022 SAIFI** 1.43

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PADDYS RUN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Floyd - 4222 Hwy 111 - New Albany
- 3.) **CIRCUIT NAME AND NUMBER** PR1390
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** New Albany - Algonquin Pky & Gibson Ln - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 15
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/04/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 36.1%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 4.5%
- Utility Equipment- 59.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 230.29

10.) **2022 SAIDI** 400.11

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.10

12.) **2022 SAIFI** 3.40

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PLAINVIEW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 9900 Shelbyville Rd - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** PV1257
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - US 60 and Moser Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,335
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/20/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 4.8%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 2.9%
- Utility Equipment- 92.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 12.53

10.) **2022 SAIDI** 19.92

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.11

12.) **2022 SAIFI** 0.17

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SEVENTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Louisville - 1231 S 7th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SE0001
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 7th St, oak St, & 8th St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 343
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/21/2019

8.) **2022 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- 41.0%
- Trees- 0.0%
- Utility Equipment- 59.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 21.03

10.) **2022 SAIDI** 28.76

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

12.) **2022 SAIFI** 1.07

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SEVENTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Louisville - 1231 S 7th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SE0002
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Ormsby Ave, 6th St, & 4th St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 406
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/21/2019

8.) **2022 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- 85.5%
- Trees- 12.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 58.07

10.) **2022 SAIDI** 164.22

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

12.) **2022 SAIFI** 0.67

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SEVENTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Louisville - 1231 S 7th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SE0003
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 7th St, Hill St, 6th St, & Shipp Ave - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 404
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/21/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 7.4%
- Other/Unknown- 51.6%
- Overload- 0.0%
- Planned Work- 14.6%
- Trees- 23.4%
- Utility Equipment- 2.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 12.14

10.) **2022 SAIDI** 48.42

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

12.) **2022 SAIFI** 1.12

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SEVENTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Louisville - 1231 S 7th St - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SE0004
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Oak St, Garvin Pl, & 4th St - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 552
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/21/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 15.5%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 19.9%
- Trees- 0.7%
- Utility Equipment- 63.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	42.51
10.) 2022 SAIDI	140.10
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.46
12.) 2022 SAIFI	1.82

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

- 1.) **SUBSTATION NAME AND NUMBER** SHIVELY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3624 Elderwood Way - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SH1281
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 7th Street Rd, Arcade Ave, Taylor Blvd, & Clara Ave - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,685
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/25/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 3.8%
- Overload- 0.0%
- Planned Work- 24.0%
- Trees- 36.5%
- Utility Equipment- 35.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 36.73

10.) **2022 SAIDI** 85.67

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.28

12.) **2022 SAIFI** 0.55

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHIVELY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3624 Elderwood Way - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SH1284
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Manslick Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,315
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 7.9%
- Non-Company- 0.0%
- Other/Unknown- 1.5%
- Overload- 0.0%
- Planned Work- 9.1%
- Trees- 20.3%
- Utility Equipment- 61.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 89.32
- 10.) **2022 SAIDI** 89.18
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.09
- 12.) **2022 SAIFI** 1.16

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHIVELY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3624 Elderwood Way - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SH1285
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Nobel Pl, Dixie Hwy, & Appleton Ln - NW & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,114
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/25/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 77.8%
- Overload- 0.0%
- Planned Work- 17.7%
- Trees- 1.1%
- Utility Equipment- 2.8%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 145.74

10.) **2022 SAIDI** 246.47

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.95

12.) **2022 SAIFI** 4.63

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SKYLIGHT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 8617 W Hwy 42 - Skylight
- 3.) **CIRCUIT NAME AND NUMBER** SK1127
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Skylight - Hwy 42, Axton Ln, Shiloh Ln, & Hwy 1694 - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 268
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/21/2018

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 9.4%
- Non-Company- 0.3%
- Other/Unknown- 2.0%
- Overload- 0.0%
- Planned Work- 24.3%
- Trees- 57.9%
- Utility Equipment- 6.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 161.55

10.) **2022 SAIDI** 186.98

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

12.) **2022 SAIFI** 1.81

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SKYLIGHT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 8617 W Hwy 42 - Skylight
- 3.) **CIRCUIT NAME AND NUMBER** SK1128
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Skylight - Hwy 42, Hwy 393, & Hwy 524 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 156.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,476
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/06/2018

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 1.3%
- Lightning- 31.8%
- Non-Company- 0.4%
- Other/Unknown- 6.6%
- Overload- 0.0%
- Planned Work- 28.7%
- Trees- 21.6%
- Utility Equipment- 9.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 409.20

10.) **2022 SAIDI** 239.11

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.21

12.) **2022 SAIFI** 2.77

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SEMINOLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4161 Park Blvd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SM1231
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Crittenden Dr, Phillips Ln, & Park Blvd - N & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 136
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 3.3%
- Trees- 92.6%
- Utility Equipment- 2.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	58.18
10.) 2022 SAIDI	65.42
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.52
12.) 2022 SAIFI	1.09

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SEMINOLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4161 Park Blvd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SM1233
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Whitney Ave, 5th St, Bluegrass Ave & Taylor Ave - SW of Substation of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,760
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.3%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 19.5%
- Overload- 0.0%
- Planned Work- 12.0%
- Trees- 1.5%
- Utility Equipment- 66.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	62.07
10.) 2022 SAIDI	128.11
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.73
12.) 2022 SAIFI	1.59

- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**
Reliability Improvements Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** SEMINOLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4161 Park Blvd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SM1235
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Fairmont Ave, 3rd St, 5th St, & 4th St - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,261
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 11.5%
- Overload- 0.0%
- Planned Work- 14.6%
- Trees- 54.3%
- Utility Equipment- 18.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	55.46
10.) 2022 SAIDI	69.31
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.62
12.) 2022 SAIFI	1.28

- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**
 Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** SEMINOLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4161 Park Blvd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SM1360
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Allmond Ave, Strawberry Ln, & Crittenden Dr - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 103
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/21/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 29.0%
- Other/Unknown- 29.8%
- Overload- 0.0%
- Planned Work- 8.6%
- Trees- 3.9%
- Utility Equipment- 28.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 145.64

10.) **2022 SAIDI** 449.86

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.10

12.) **2022 SAIFI** 3.18

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SEMINOLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4161 Park Blvd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SM1366
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Crittenden Dr, Woodlawn Ave, Phillips Ln, & Preston Hwy - S & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 38
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/21/2021

8.) **2022 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- 25.3%
- Trees- 35.6%
- Utility Equipment- 39.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	185.14
10.) 2022 SAIDI	339.31
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	2.50
12.) 2022 SAIFI	3.71

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SEMINOLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4161 Park Blvd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SM1384
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Crittenden Dr - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** Underground Circuit

8.) **2022 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)** 320.33

10.) **2022 SAIDI** 573.22

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

12.) **2022 SAIFI** 2.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SEMINOLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4161 Park Blvd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SM1397
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Crittenden Dr, Strawberry Ln, & Mclean Ave - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 6
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/21/2021

8.) **2022 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- 6.3%
- Utility Equipment- 93.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	161.45
10.) 2022 SAIDI	353.60
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.38
12.) 2022 SAIFI	1.83

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHAWNEE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - Rear of 3908 W Broadway - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SN0003
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 40th St & Garland Ave - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 273
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/11/2023

8.) **2022 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- 74.9%
- Utility Equipment- 25.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.75

10.) **2022 SAIDI** 15.98

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.23

12.) **2022 SAIFI** 0.30

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

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** SOUTHERN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1475 S 3rd Street - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SO0410
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 4th St & Hill St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 697
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/01/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 2.3%
- Trees- 0.0%
- Utility Equipment- 97.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 58.44

10.) **2022 SAIDI** 29.58

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

12.) **2022 SAIFI** 0.79

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SOUTHERN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1475 S 3rd Street - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SO0421
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Burnett Ave, Brook St, & Lee St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 507
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/01/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 43.1%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 56.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 82.20

10.) **2022 SAIDI** 92.02

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

12.) **2022 SAIFI** 1.33

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SOUTHERN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1475 S 3rd Street - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SO0422
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 2nd St & 3rd St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 787
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/01/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.1%
- Overload- 0.0%
- Planned Work- 1.0%
- Trees- 3.6%
- Utility Equipment- 87.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 59.54

10.) **2022 SAIDI** 152.43

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

12.) **2022 SAIFI** 0.76

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SOUTHERN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1475 S 3rd Street - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SO0453
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 3rd St, Oak St, & Brook St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 625
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/01/2020

8.) **2022 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- 22.9%
- Trees- 0.0%
- Utility Equipment- 77.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 36.12
- 10.) **2022 SAIDI** 33.90
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.43
- 12.) **2022 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SOUTH PARK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1412 Fairdale Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SP1116
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Fairdale Rd, Mt Holly Rd, Mitchell Hill Rd, & Holsclaw Hill Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 41.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,081
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/17/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 2.6%
- Construction- 0.0%
- Lightning- 1.2%
- Non-Company- 5.2%
- Other/Unknown- 42.2%
- Overload- 0.0%
- Planned Work- 41.8%
- Trees- 5.4%
- Utility Equipment- 1.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 103.29

10.) **2022 SAIDI** 173.71

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

12.) **2022 SAIFI** 1.86

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SOUTH PARK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1412 Fairdale Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SP1117
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - South Park Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 593
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/12/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 8.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 32.8%
- Overload- 0.0%
- Planned Work- 59.1%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.84

10.) **2022 SAIDI** 11.88

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

12.) **2022 SAIFI** 1.04

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** South Park
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1412 Fairdale Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SP3302
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Blue Lick Rd, Raymond Rd, & Hwy 44 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/12/2019

8.) **2022 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- 69.7%
- Utility Equipment- 30.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 310.43

10.) **2022 SAIDI** 394.17

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.40

12.) **2022 SAIFI** 3.00

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

Tree Trim Scheduled for 2023

- 1.) **SUBSTATION NAME AND NUMBER** SMYRNA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 7000 Manslick Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SY1251
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Smyrna Pky, Michael Ray Dr, & Lantana Dr - NW & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 21.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,550
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/06/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 9.4%
- Construction- 14.3%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.8%
- Overload- 0.0%
- Planned Work- 10.7%
- Trees- 53.5%
- Utility Equipment- 11.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	33.99
10.) 2022 SAIDI	39.95
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.29
12.) 2022 SAIFI	0.31

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** SMYRNA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 7000 Manslick Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SY1252
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Cooper Chapel Rd, McNeely Lake Dr, & Beulah Church Rd - SW & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 35.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,391
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/29/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.5%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.7%
- Overload- 0.0%
- Planned Work- 61.5%
- Trees- 22.7%
- Utility Equipment- 14.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 52.44

10.) **2022 SAIDI** 68.78

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.13

12.) **2022 SAIFI** 2.13

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SMYRNA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 7000 Manslick Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SY1253
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Manslick Rd, Cinderella Ln, & Shepherdsville Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,565
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/15/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 2.4%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 62.2%
- Trees- 3.7%
- Utility Equipment- 31.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 52.48

10.) **2022 SAIDI** 68.78

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

12.) **2022 SAIFI** 0.59

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SMYRNA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 7000 Manslick Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SY1254
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Vaughn Mill Rd, Outer Loop & Smyrna Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,211
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/17/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 4.0%
- Construction- 0.8%
- Lightning- 33.6%
- Non-Company- 0.0%
- Other/Unknown- 9.2%
- Overload- 0.0%
- Planned Work- 27.7%
- Trees- 18.7%
- Utility Equipment- 5.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 44.96

10.) **2022 SAIDI** 60.35

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

12.) **2022 SAIFI** 0.83

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SMYRNA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 7000 Manslick Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** SY1255
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Manslick Rd, Beulah Church Rd, & Fegenbush Ln - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 33.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,952
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/01/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 2.4%
- Construction- 1.8%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 57.6%
- Overload- 0.0%
- Planned Work- 2.3%
- Trees- 0.4%
- Utility Equipment- 35.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.22
- 10.) **2022 SAIDI** 62.85
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.46
- 12.) **2022 SAIFI** 0.35

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** TAYLOR
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4488 Brownsboro Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** TA1132
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Brownsboro Rd, Country Ln, & Country Club Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 546
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/25/2020

8.) **2022 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- 12.6%
- Trees- 24.7%
- Utility Equipment- 62.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	136.49
10.) 2022 SAIDI	188.77
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.11
12.) 2022 SAIFI	1.30

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** TAYLOR
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4488 Brownsboro Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** TA1134
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Brownsboro Rd, Winding Bluff Trce, I264, & Blankenbaker Ln - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,126
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/01/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 12.6%
- Construction- 0.0%
- Lightning- 3.6%
- Non-Company- 0.0%
- Other/Unknown- 19.7%
- Overload- 0.0%
- Planned Work- 11.4%
- Trees- 44.3%
- Utility Equipment- 8.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	211.95
10.) 2022 SAIDI	315.46
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.57
12.) 2022 SAIFI	2.96

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** TAYLOR
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4488 Brownsboro Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** TA1138
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Brownsboro Rd, Chenoweth Ln, Canoe Ln, & Wampum Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 572
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/04/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 2.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.7%
- Overload- 0.0%
- Planned Work- 58.2%
- Trees- 37.2%
- Utility Equipment- 1.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	189.59
10.) 2022 SAIDI	261.53
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.17
12.) 2022 SAIFI	2.02

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** TAYLOR
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4488 Brownsboro Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** TA1172
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Chenoweth Ln, Cherrywood Rd, & Washington Sq - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,119
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/16/2022

- 8.) **2022 OUTAGES BY CAUSE**
 - Animal- 13.8%
 - Construction- 0.0%
 - Lightning- 5.7%
 - Non-Company- 0.0%
 - Other/Unknown- 24.1%
 - Overload- 0.0%
 - Planned Work- 7.3%
 - Trees- 46.4%
 - Utility Equipment- 2.7%
 - Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 138.11

10.) **2022 SAIDI** 130.58

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

12.) **2022 SAIFI** 2.05

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** TERRY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8408 Terry Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** TE1242
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Pages Ln & Robbins Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 860
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/18/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 13.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 4.1%
- Overload- 0.0%
- Planned Work- 4.8%
- Trees- 39.0%
- Utility Equipment- 38.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	42.79
10.) 2022 SAIDI	63.57
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.47
12.) 2022 SAIFI	0.80

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** TERRY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8408 Terry Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** TE1243
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Terry Rd, Greenwood Rd, & Westbrook Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,790
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/05/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 4.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 6.5%
- Other/Unknown- 1.3%
- Overload- 0.0%
- Planned Work- 37.9%
- Trees- 48.2%
- Utility Equipment- 2.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 75.85

10.) **2022 SAIDI** 91.46

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.57

12.) **2022 SAIFI** 0.36

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** TERRY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8408 Terry Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** TE1244
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Terry Rd, Johnstontown Rd, & Dixie Hwy - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,893
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/18/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 14.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 59.3%
- Overload- 0.0%
- Planned Work- 13.5%
- Trees- 10.7%
- Utility Equipment- 1.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	24.52
10.) 2022 SAIDI	32.82
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.26
12.) 2022 SAIFI	0.48

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

- 1.) **SUBSTATION NAME AND NUMBER** TERRY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8408 Terry Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** TE1245
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Pages Ln, Poinsettia Dr, Greenwood Rd, & Feyhurst Dr - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,368
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/12/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 2.3%
- Non-Company- 0.1%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 69.9%
- Trees- 22.3%
- Utility Equipment- 4.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 39.57

10.) **2022 SAIDI** 23.77

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

12.) **2022 SAIFI** 1.38

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** TERRY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8408 Terry Ln. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** TE1248
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Greenbelt Hwy, Greenwood Rd, & Cane Run Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 310
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/19/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 8.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 11.8%
- Trees- 0.0%
- Utility Equipment- 78.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 67.67

10.) **2022 SAIDI** 19.18

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.62

12.) **2022 SAIFI** 1.05

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** Tip Top
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Meade - US 60 - Tip Top
- 3.) **CIRCUIT NAME AND NUMBER** TT3313
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Tip Top - US 60, Baker Rd, & Eisenhower Ave - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/15/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 55.8%
- Overload- 0.0%
- Planned Work- 8.2%
- Trees- 36.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	117.43
10.) 2022 SAIDI	384.17
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.30
12.) 2022 SAIFI	3.50

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WESTERN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2807 W Broadway - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** WE0001
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 28th St, Chestnut St, 26th St, & Muhammad Ali Blvd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 884
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/30/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 39.7%
- Overload- 0.0%
- Planned Work- 2.8%
- Trees- 4.3%
- Utility Equipment- 53.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	39.47
10.) 2022 SAIDI	71.24
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.36
12.) 2022 SAIFI	0.72

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WESTERN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2807 W Broadway - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** WE0002
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Broadway, Louis Coleman Jr Dr, & 35th St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 405
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/30/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 95.1%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 4.3%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	192.31
10.) 2022 SAIDI	345.97
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.66
12.) 2022 SAIFI	1.21

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WESTERN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 2807 W Broadway - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** WE0006
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - 28th St, Chestnut St, 30th St, & 31st St - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 158
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/30/2022

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 6.2%
- Other/Unknown- 3.1%
- Overload- 0.0%
- Planned Work- 86.2%
- Trees- 1.4%
- Utility Equipment- 3.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	201.87
10.) 2022 SAIDI	254.73
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.67
12.) 2022 SAIFI	1.16

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WHAS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1310 Flat Road Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** WH1115
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Flat Rock Rd, Polo Fields Ln, & Glen Lakes Dr - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,040
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/31/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.3%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.3%
- Overload- 0.0%
- Planned Work- 16.5%
- Trees- 14.8%
- Utility Equipment- 66.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 70.98

10.) **2022 SAIDI** 89.69

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

12.) **2022 SAIFI** 0.76

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WHAS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1310 Flat Road Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** WH1116
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Flat Rock Rd, Long Run Rd, & Aiken Rd - NW & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 32.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,131
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/26/2020

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.7%
- Other/Unknown- 46.1%
- Overload- 0.0%
- Planned Work- 29.4%
- Trees- 20.3%
- Utility Equipment- 2.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 52.88

10.) **2022 SAIDI** 31.52

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.60

12.) **2022 SAIFI** 1.06

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WEST POINT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - Crop St and I-C Railroad - West Point
- 3.) **CIRCUIT NAME AND NUMBER** WP1104
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** West Point - Main St, Dixie Hwy, 16th St, & Private Rd - W, SW & NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 687
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/09/2019

8.) **2022 OUTAGES BY CAUSE**

- Animal- 2.2%
- Construction- 0.0%
- Lightning- 13.7%
- Non-Company- 0.0%
- Other/Unknown- 2.3%
- Overload- 0.5%
- Planned Work- 37.6%
- Trees- 23.8%
- Utility Equipment- 19.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 96.65

10.) **2022 SAIDI** 115.19

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

12.) **2022 SAIFI** 1.34

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WATTERSON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 5239 Bardstown Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** WT1154
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Walt Lee Rd, Fairground Rd, Billtown Rd, & Easum Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 43.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,870
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 1.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 4.4%
- Overload- 0.0%
- Planned Work- 57.1%
- Trees- 33.5%
- Utility Equipment- 3.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 46.67

10.) **2022 SAIDI** 63.98

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

12.) **2022 SAIFI** 0.59

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WATTERSON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 5239 Bardstown Rd. - Louisville
- 3.) **CIRCUIT NAME AND NUMBER** WT1209
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Louisville - Laverne Dr, Watterson Trl, & Dell Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,525
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/18/2021

8.) **2022 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 13.2%
- Non-Company- 0.0%
- Other/Unknown- 3.8%
- Overload- 0.4%
- Planned Work- 8.7%
- Trees- 48.6%
- Utility Equipment- 25.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 24.67

10.) **2022 SAIDI** 29.47

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

12.) **2022 SAIFI** 0.23

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

Continue to Monitor

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

The Companies' Vegetation Management Plan was submitted December 19, 2007. The Distribution Vegetation Management Program encompasses right of way maintenance for Louisville Gas and Electric Company and Kentucky Utilities Company (referred to as the "Companies"). The program is centralized and managed by a Forestry Manager and eight company Utility Arborists. All are certified arborists by the International Society of Arboriculture.

The Companies' plan is to maintain a proactive trim cycle while balancing the reactive needs of worst performing circuits. The Companies' goal is to maintain an average trim cycle of five years or less. The effectiveness of the plan is evaluated by the cycle and system performance as measured by system SAIDI, SAIFI, and CAIDI.

Effectiveness of the program

KU/LG&E Tree Cycle – 4.92 years

LGE Tree SAIDI – 18.07 minutes

LGE Tree SAIFI – 0.150

LGE Tree CAIDI – 120.8 minutes

The hazard tree program, mid cycle, herbicide, and worst performing circuits were completed as planned.

Adjustments made to the tree plan in 2022 included

No changes made to plan.

Changes to be implemented in 2023

No changes made to plan. Continue targeted hazard tree and mid-cycle trim work.

SECTION 7: UTILITY COMMENTS

SAIDI and CAIDI improved in 2022 compared to the previous 5 year average including and excluding major events. 255 Circuits were above their previous 5 year average SAIDI and/or SAIFI in 2022.