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MAY 1 - 2014

PUBLIC SERVICE
COMMISSION

Mr. Jeff DeRouen
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40602-0615

LG&E and KU Energy LLC
State Regulation and Rates
220 West Main Street
PO Box 32010
Louisville, Kentucky 40232
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Rick E. Lovekamp
Manager - Regulatory Affairs
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May 1, 2014

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

Dear Mr. DeRouen:

Enclosed please find Louisville Gas and Electric Company's ("LG&E") and Kentucky Utilities Company's ("KU") 2013 Annual Reliability Report pursuant to the Commission's Order dated April 1, 2014 in the above referenced matter. Also enclosed is a CD which includes the 2013 Annual Reliability Reports for LG&E and KU in Excel format.

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

Sincerely,

Rick E. Lovekamp

KENTUCKY PUBLIC SERVICE COMMISSION
ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

SECTION 1: CONTACT INFORMATION

| | |
|----------------------------|-------------------------------------|
| UTILITY NAME | LOUISVILLE GAS AND ELECTRIC COMPANY |
| REPORT PREPARED BY | NELSON MAYNARD |
| E-MAIL ADDRESS OF PREPARER | nelson.maynard@lge-ku.com |
| PHONE NUMBER OF PREPARER | (859) 367-1107 |

SECTION 2: REPORTING YEAR

| | |
|----------------------------|------|
| CALENDAR YEAR OF REPORTING | 2013 |
|----------------------------|------|

SECTION 3: MAJOR EVENT DAYS (MED)

| | |
|---|------------|
| T _{MED} | 5.575 |
| FIRST DATE USED TO DETERMINE T _{MED} | 1/1/2008 |
| LAST DATE USED TO DETERMINE T _{MED} | 12/31/2012 |
| NUMBER OF MED IN REPORTING YEAR | 4 |

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>412,592</u> | TOTAL CIRCUITS | <u>516</u> |
|-----------------|----------------|----------------|------------|

Excluding MED

| 5 YEAR AVERAGE | | REPORTING YEAR | |
|-----------------------|--------------|-----------------------|--------------|
| SAIDI | <u>96.37</u> | SAIDI | <u>78.5</u> |
| SAIFI | <u>1.08</u> | SAIFI | <u>0.933</u> |

Including MED

| 5 YEAR AVERAGE | | REPORTING YEAR | |
|-----------------------|----------------|-----------------------|---------------|
| SAIDI | <u>1505.98</u> | SAIDI | <u>147.39</u> |
| SAIFI | <u>1.73</u> | SAIFI | <u>1.136</u> |

Notes:

- 1) All duration indices (SAIDI, CAIDI) are to be reported in units of minutes.
- 2) Reports are due on the first business day of April 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, CAIDI, and T_{MED}

SECTION 5: CIRCUIT REPORTING

BEGIN ON NEXT PAGE

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | ASHBY |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 5400 Vesper Ln - Louisville |
| 3. CIRCUIT NAME AND NUMBER | AB1202 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Greentree Ln & Dixie Hwy - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 17.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1631 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/15/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 11.9% |
| Overload- | 0.0% |
| Planned Work- | 3.0% |
| Trees- | 11.8% |
| Utility Equipment- | 72.4% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 59.73 |
| 10. 2013 SAIDI | 72.35 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.07 |
| 12. 2013 SAIFI | 1.05 |

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

Reliability Improvements Scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** AIKEN
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 12909 Shelbyville Rd. - Louisville
- 3. **CIRCUIT NAME AND NUMBER** AK1291
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Shelbyville Rd & Bellewood Rd - SW of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 20.1
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 1190
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 06/11/2011
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 13.1% |
| Construction- | 0.0% |
| Lightning- | 7.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 15.5% |
| Overload- | 0.0% |
| Planned Work- | 9.8% |
| Trees- | 27.7% |
| Utility Equipment- | 26.2% |
| Vehicle- | 0.0% |

9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 103.28

10. **2013 SAIDI** 152.24

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

12. **2013 SAIFI** 2.09

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

Reliability Improvements Completed in 2013

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|--|--------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - New English Station Rd - NE of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.4 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 136 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/04/2012 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 29.9% |
| | 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- | 62.7% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 111.50 |
| 10. 2013 SAIDI | | 220.46 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.37 |
| 12. 2013 SAIFI | | 2.01 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Old Shelbyville Rd - W of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 6.6 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 490 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 03/24/2012 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 1.6% | |
| | Construction- | 0.7% | |
| | Lightning- | 86.2% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 5.4% | |
| | Overload- | 0.0% | |
| | Planned Work- | 4.6% | |
| | Trees- | 0.4% | |
| | Utility Equipment- | 1.2% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 93.06 |
| 10. | 2013 SAIDI | | 66.70 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.57 |
| 12. | 2013 SAIFI | | 1.74 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - N English Station Rd & Avoca Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 417 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/01/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 4.7% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 5.7% |
| Overload- | 0.0% |
| Planned Work- | 11.6% |
| Trees- | 63.7% |
| Utility Equipment- | 14.3% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 106.84 |
| 10. 2013 SAIDI | 168.28 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.21 |
| 12. 2013 SAIFI | 2.10 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Reliability Improvements Completed in 2013

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|--|--------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville – Shelbyville Rd & N Beckley Station - NE of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 34.2 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1452 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 03/31/2012 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 26.6% | |
| | Construction- | 0.0% | |
| | Lightning- | 7.4% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 3.9% | |
| | Overload- | 0.0% | |
| | Planned Work- | 2.5% | |
| | Trees- | 1.6% | |
| | Utility Equipment- | 58.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 101.69 |
| 10. | 2013 SAIDI | | 42.64 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.05 |
| 12. | 2013 SAIFI | | 1.25 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|---|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - S 7th St & Algonquin Pky - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 439 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/16/2010 |

8. **2013 OUTAGES BY CAUSE**

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

| | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 120.20 |
| 10. 2013 SAIDI | 160.02 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.66 |
| 12. 2013 SAIFI | 0.29 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - S 7th St - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1820 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/09/2013 |

8. 2013 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) 54.40

10. 2013 SAIDI 62.84

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.76

12. 2013 SAIFI 0.98

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | ALGONQUIN |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 1800 S 11th St - Louisville |
| 3. CIRCUIT NAME AND NUMBER | AL1442 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - S 4th St & S 3rd St - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 524 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/16/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.6% |
| Overload- | 0.0% |
| Planned Work- | 3.7% |
| Trees- | 0.0% |
| Utility Equipment- | 95.7% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIOI) | 174.98 |
| 10. 2013 SAIDI | 92.07 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.70 |
| 12. 2013 SAIFI | 1.71 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|--|--------|
| 1. | SUBSTATION NAME AND NUMBER | ALGONQUIN | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 1800 S 11th St - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | AL1444 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - S 15th St - N of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 3.3 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 28 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 10/16/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 91.4% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 8.6% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 218.18 |
| 10. | 2013 SAIDI | | 846.64 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.41 |
| 12. | 2013 SAIFI | | 3.29 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|--------|
| 1. | SUBSTATION NAME AND NUMBER | ASHBOTTOM | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 96 Burley Ave. - Lexington | |
| 3. | CIRCUIT NAME AND NUMBER | AS1416 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Grade Ln - N of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 5.4 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 62 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 05/04/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.1% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 24.4% | |
| | Overload- | 0.0% | |
| | Planned Work- | 6.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 58.6% | |
| | Vehicle- | 11.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 84.44 |
| 10. | 2013 SAIDI | | 553.87 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.39 |
| 12. | 2013 SAIFI | | 3.90 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | ASHBOTTOM |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 8113 Grade Ln - Louisville |
| 3. CIRCUIT NAME AND NUMBER | AS1417 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Grade Ln - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 39 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/04/2013 |

8. 2013 OUTAGES BY CAUSE

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

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 56.22 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 503.92 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.52 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.95 |
|----------------|------|

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Outer Loop - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 40 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/04/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 28.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 52.3% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 19.5% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 28.70 |
| 10. 2013 SAIDI | | 13.33 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.13 |
| 12. 2013 SAIFI | | 0.35 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | BISHOP |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3920 Bishop Ln - Louisville |
| 3. CIRCUIT NAME AND NUMBER | BI1217 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Robarus Ln - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 65 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/02/2013 |

| | |
|--------------------------|-------|
| 8. 2013 OUTAGES BY CAUSE | |
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 97.2% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 2.8% |
| Vehicle- | 0.0% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 11.04 |
| 10. 2013 SAIDI | | 17.28 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.52 |
| 12. 2013 SAIFI | | 0.05 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|--|--------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Pinewood Rd & Produce Rd - SE of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 8.5 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 947 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 02/02/2013 | |
| 8. | 2013 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- | 0.8% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 6.3% | |
| | Vehicle- | 92.9% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 61.79 |
| 10. | 2013 SAIDI | | 226.01 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.33 |
| 12. | 2013 SAIFI | | 1.21 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Bishop Ln & Gilmore Ln - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 70 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/26/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 29.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 8.5% |
| Overload- | 0.0% |
| Planned Work- | 0.8% |
| Trees- | 18.4% |
| Utility Equipment- | 42.8% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 63.84 |
| 10. 2013 SAIDI | 104.56 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.35 |
| 12. 2013 SAIFI | 1.32 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 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 (TOWN-ROAD-GENERAL AREA)** Louisville - I-264 West - N of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 13.0
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 1868
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 11/03/2012

- 8. **2013 OUTAGES BY CAUSE**
 - Animal- 33.0%
 - Construction- 45.5%
 - Lightning- 0.0%
 - Non-Company- 0.0%
 - Other/Unknown- 0.3%
 - Overload- 0.0%
 - Planned Work- 18.3%
 - Trees- 0.0%
 - Utility Equipment- 2.9%
 - Vehicle- 0.0%

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 32.23
- 10. **2013 SAIDI** 81.13
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.84
- 12. **2013 SAIFI** 2.75

13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**
 Reliability Improvements Completed in 2013

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|---|--------|
| 1. SUBSTATION NAME AND NUMBER | BRECKENRIDGE | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3920 Dutchmans Ln. - Louisville | |
| 3. CIRCUIT NAME AND NUMBER | BR1177 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Breckenridge Ln - NW of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 15.3 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1990 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/03/2013 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 27.0% |
| | Construction- | 0.0% |
| | Lightning- | 22.8% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 1.3% |
| | Overload- | 0.0% |
| | Planned Work- | 3.1% |
| | Trees- | 42.9% |
| | Utility Equipment- | 2.8% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 96.51 |
| 10. 2013 SAIDI | | 148.62 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.84 |
| 12. 2013 SAIFI | | 1.36 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Tree trimmed in 2013 | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Breckenridge Ln - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 10.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2042 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/16/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 1.0% |
| Lightning- | 8.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 2.7% |
| Overload- | 0.0% |
| Planned Work- | 11.8% |
| Trees- | 41.6% |
| Utility Equipment- | 34.6% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 99.05

10. 2013 SAIDI 167.52

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.76

12. 2013 SAIFI 2.32

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

Reliability Improvements Completed In 2013

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** BRECKENRIDGE
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3920 Dutchmans Ln. - Louisville
- 3. **CIRCUIT NAME AND NUMBER** BR1181
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Browns Ln - SE of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 23.6
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 2075
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 08/16/2013

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 1.9% |
| Construction- | 0.0% |
| Lightning- | 22.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.6% |
| Overload- | 0.1% |
| Planned Work- | 5.1% |
| Trees- | 35.6% |
| Utility Equipment- | 22.8% |
| Vehicle- | 11.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 197.81
- 10. **2013 SAIDI** 176.52
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.90
- 12. **2013 SAIFI** 3.47

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

Tree trimmed in 2013

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|-----|---|--|
| 1. | SUBSTATION NAME AND NUMBER | BRECKENRIDGE |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3920 Dutchmans Ln. - Louisville |
| 3. | CIRCUIT NAME AND NUMBER | BR1351 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Breckenridge Ln & Shelbyville Rd - NW of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 9.5 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 250 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 12/31/2013 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 50.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 47.0% |
| | Overload- | 0.0% |
| | Planned Work- | 3.0% |
| | Trees- | 0.0% |
| | Utility Equipment- | 0.0% |
| | Vehicle- | 0.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 73.58 |
| 10. | 2013 SAIDI | 278.59 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.35 |
| 12. | 2013 SAIFI | 1.01 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
| | Continue to monitor | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|--------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Breckenridge Ln - NW of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 3.7 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 111 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 12/31/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 9.1% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 90.9% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 110.98 |
| 10. | 2013 SAIDI | | 11.58 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.64 |
| 12. | 2013 SAIFI | | 0.89 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Taylorsville Rd - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 9.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 38 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/31/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 8.4% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 31.4% |
| Overload- | 0.0% |
| Planned Work- | 16.8% |
| Trees- | 0.0% |
| Utility Equipment- | 43.5% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 123.08

10. 2013 SAIDI 269.37

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 1.42

12. 2013 SAIFI 3.03

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | BRECKENRIDGE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3920 Dutchmans Ln. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | BR1356 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Sherburn Ln - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 141 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/31/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 3.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 97.0% |
| Vehicle- | 0.0% |

| | | |
|-----------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 23.88 |
|-----------------------------------|--|-------|

| | | |
|----------------|--|-------|
| 10. 2013 SAIDI | | 72.92 |
|----------------|--|-------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.17 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 2.23 |
|----------------|--|------|

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|------|
| 1. | SUBSTATION NAME AND NUMBER | BLUEGRASS PARKWAY | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 11240 Bluegrass Parkway - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | BY1277 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Blankenship Rd & Plantside Dr. - S of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 7.1 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 88 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 04/10/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 100.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 2.39 |
| 10. | 2013 SAIDI | | 7.07 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.02 |
| 12. | 2013 SAIFI | | 0.02 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Watterson Way - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 829 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/10/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.0% |
| Construction- | 0.2% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 6.1% |
| Trees- | 0.4% |
| Utility Equipment- | 92.4% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 14.79 |
| 10. 2013 SAIDI | 18.46 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.37 |
| 12. 2013 SAIFI | 0.23 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|--|-------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Bluegrass Parkway - E of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 9.2 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 159 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 05/29/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 25.2% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 31.9% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 21.6% | |
| | Vehicle- | 21.3% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 33.27 |
| 10. | 2013 SAIDI | | 43.16 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.27 |
| 12. | 2013 SAIFI | | 1.26 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | | |
|----|--|--|
| 1. | SUBSTATION NAME AND NUMBER | BLUEGRASS PARKWAY |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 11240 Bluegrass Parkway - Louisville |
| 3. | CIRCUIT NAME AND NUMBER | BY1284 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Watterson Trail - SW of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 7.7 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 307 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 05/29/2010 |

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 0.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 34.1% |
| Overload- | 0.0% |
| Planned Work- | 14.4% |
| Trees- | 48.5% |
| Utility Equipment- | 2.4% |
| Vehicle- | 0.0% |

9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 65.98

10. **2013 SAIDI** 80.61

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

12. **2013 SAIFI** 2.14

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CANAL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 2005 Northwestern Parkway - Louisville |
| 3. CIRCUIT NAME AND NUMBER | CA1342 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Portland Ave - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1258 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/26/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.7% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.7% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 98.6% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 36.54 |
| 10. 2013 SAIDI | 166.75 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.55 |
| 12. 2013 SAIFI | 1.02 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - S 20th St & W Chestnut St - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 17 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/26/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 7.2% |
| Overload- | 0.0% |
| Planned Work- | 33.8% |
| Trees- | 0.0% |
| Utility Equipment- | 59.0% |
| Vehicle- | 0.0% |

| | | |
|-----------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 38.05 |
|-----------------------------------|--|-------|

| | | |
|----------------|--|--------|
| 10. 2013 SAIDI | | 348.00 |
|----------------|--|--------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.62 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 3.65 |
|----------------|--|------|

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CLIFTON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 2009 New Main Street - Louisville |
| 3. CIRCUIT NAME AND NUMBER | CL1226 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Lexington Rd, E Jefferson St, & E Muhammad Ali Blvd - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 11.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1937 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/19/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.5% |
| Construction- | 0.0% |
| Lightning- | 1.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 11.9% |
| Overload- | 0.0% |
| Planned Work- | 4.1% |
| Trees- | 64.0% |
| Utility Equipment- | 1.8% |
| Vehicle- | 16.1% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 57.18 |
| 10. 2013 SAIDI | 145.63 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.65 |
| 12. 2013 SAIFI | 2.28 |

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

Tree trim scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Frankfort Ave, Story Ave, & E Main St - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 12.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1889 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/31/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 3.4% |
| Construction- | 0.0% |
| Lightning- | 5.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 4.2% |
| Overload- | 0.0% |
| Planned Work- | 3.2% |
| Trees- | 9.8% |
| Utility Equipment- | 51.7% |
| Vehicle- | 21.9% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 53.12 |
| 10. 2013 SAIDI | 180.82 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.73 |
| 12. 2013 SAIFI | 3.70 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CLIFTON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 2009 New Main Street - Louisville |
| 3. CIRCUIT NAME AND NUMBER | CL1402 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Mellwood Ave & Zorn Ave - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 15 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/12/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

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

- | | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 72.49 |
| 10. 2013 SAIDI | 117.24 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.25 |
| 12. 2013 SAIFI | 0.28 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|--|--------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Elmwood St, Lees Ln, & Campground Rd - NE of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 2.3 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 4 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 07/11/2009 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 100.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 233.88 |
| 10. | 2013 SAIDI | | 270.86 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.03 |
| 12. | 2013 SAIFI | | 0.57 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|---|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Shepherdsville - I 65 S, HWY 44, & Joe B Hall Ave - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 136 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/23/2012 |
| 8. 2013 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) | 1.40 |
| 10. 2013 SAIDI | 28.10 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.01 |
| 12. 2013 SAIFI | 0.24 |

13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**
Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CARTER |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - Opposite 2215 Carter St - Louisville |
| 3. CIRCUIT NAME AND NUMBER | CT0001 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - N 22nd St & Griffiths Ave - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 424 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/22/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 28.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.2% |
| Overload- | 0.0% |
| Planned Work- | 0.6% |
| Trees- | 0.0% |
| Utility Equipment- | 70.1% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 31.63

10. 2013 SAIDI 34.70

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.26

12. 2013 SAIFI 0.31

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Portland Ave & N 20th St - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 60 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/22/2010 |

8. 2013 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) | 36.02 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 54.86 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.43 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.54 |
|----------------|------|

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | CARTER |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - Opposite 2215 Carter St - Louisville |
| 3. CIRCUIT NAME AND NUMBER | CT0004 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Portland Ave, Bank St, & N 28th St - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 434 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/22/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 95.9% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 4.1% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 88.21

10. 2013 SAIDI 196.65

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.82

12. 2013 SAIFI 2.00

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CRESTWOOD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Oldham - Floydsburg Rd. - Crestwood |
| 3. CIRCUIT NAME AND NUMBER | CW1222 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Crestwood - W HWY 22, Clore Ln, & Lake Ave - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 47.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1937 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/14/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 55.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 11.2% |
| Overload- | 0.0% |
| Planned Work- | 0.9% |
| Trees- | 0.7% |
| Utility Equipment- | 31.3% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 205.08 |
| 10. 2013 SAIDI | 490.63 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 2.71 |
| 12. 2013 SAIFI | 2.21 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|-----|--|---|
| 1. | SUBSTATION NAME AND NUMBER | CRESTWOOD |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Oldham - Floydsburg Rd. - Crestwood |
| 3. | CIRCUIT NAME AND NUMBER | CW1224 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Crestwood - W HWY 146, Glenarm Rd, & Fox Run Rd - N of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 47.2 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1785 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 07/10/2010 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 0.6% |
| | Construction- | 0.0% |
| | Lightning- | 12.7% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 7.4% |
| | Overload- | 0.0% |
| | Planned Work- | 4.7% |
| | Trees- | 18.4% |
| | Utility Equipment- | 56.2% |
| | Vehicle- | 0.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 77.19 |
| 10. | 2013 SAIDI | 138.85 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.16 |
| 12. | 2013 SAIFI | 0.87 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Reliability Improvements Scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CRESTWOOD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Oldham - Floydsburg Rd. - Crestwood |
| 3. CIRCUIT NAME AND NUMBER | CW1226 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Crestwood - Floydsburg Rd, Hawley Gibson Rd, & Ash Ave - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 21.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 550 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/01/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 3.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 60.3% |
| Overload- | 0.0% |
| Planned Work- | 4.5% |
| Trees- | 17.5% |
| Utility Equipment- | 14.8% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 135.71 |
|-----------------------------------|--------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 143.35 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.20 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.88 |
|----------------|------|

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CRESTWOOD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Oldham - Floydsburg Rd. - Crestwood |
| 3. CIRCUIT NAME AND NUMBER | CW1227 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Crestwood - HWY 22, Carriage Hill Dr, & Mary Clayton Ln - NE of Subst. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 32.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 926 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/30/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.5% |
| Construction- | 0.0% |
| Lightning- | 0.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 27.0% |
| Overload- | 0.0% |
| Planned Work- | 2.7% |
| Trees- | 13.0% |
| Utility Equipment- | 55.8% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 85.57

10. 2013 SAIDI 219.48

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.79

12. 2013 SAIFI 1.11

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | CRESTWOOD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Oldham - Floydsburg Rd. - Crestwood |
| 3. CIRCUIT NAME AND NUMBER | CW1228 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Crestwood - HWY 329, I 71, Covered Bridge Rd & Halls Hill Rd - NE of Sub. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 69.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1015 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/26/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 12.4% |
| Construction- | 0.0% |
| Lightning- | 7.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 17.0% |
| Overload- | 0.0% |
| Planned Work- | 3.0% |
| Trees- | 0.0% |
| Utility Equipment- | 1.6% |
| Vehicle- | 58.4% |

| | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 76.04 |
| 10. 2013 SAIDI | 133.41 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.41 |
| 12. 2013 SAIFI | 1.51 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - S Preston St, S Floyd St, E KY St, & 3rd St - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 781 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/10/2010 |
| 8. 2013 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) | 72.93 |
| 10. 2013 SAIDI | 86.33 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.06 |
| 12. 2013 SAIFI | 1.02 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | DAHLIA |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 2135 Dahlia Ave. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | DA1237 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Bardstown Rd, Landor Ave, & Wood Creek Rd - NE of Sub. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 940 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/27/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 17.8% |
| Overload- | 0.0% |
| Planned Work- | 33.4% |
| Trees- | 34.7% |
| Utility Equipment- | 13.5% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 70.01 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 224.23 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.91 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 2.19 |
|----------------|------|

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

Tree trim scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | DAHLIA |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 2135 Dahlia Ave. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | DA1239 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Gardiner Ln – SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1422 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/28/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 1.7% |
| Construction- | 0.0% |
| Lightning- | 12.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 12.5% |
| Overload- | 0.0% |
| Planned Work- | 5.6% |
| Trees- | 8.4% |
| Utility Equipment- | 58.9% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 66.62

10. 2013 SAIDI 74.15

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.57

12. 2013 SAIFI 1.28

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville – Newburg Rd – W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 11.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1261 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/10/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 4.7% |
| Construction- | 0.0% |
| Lightning- | 10.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 39.9% |
| Overload- | 0.0% |
| Planned Work- | 10.7% |
| Trees- | 19.0% |
| Utility Equipment- | 15.3% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 119.73 |
| 10. 2013 SAIDI | 145.43 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.12 |
| 12. 2013 SAIFI | 2.12 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | DAHLIA |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 2135 Dahlia Ave. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | DA1242 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Bardstown Rd. – N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 12.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1328 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/17/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 18.2% |
| Construction- | 0.0% |
| Lightning- | 15.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 21.8% |
| Overload- | 0.0% |
| Planned Work- | 12.4% |
| Trees- | 6.1% |
| Utility Equipment- | 25.7% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 122.73 |
| 10. 2013 SAIDI | 74.22 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.67 |
| 12. 2013 SAIFI | 2.46 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|---|--------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - River Park Dr, S 41 st St, & W Broadway - W of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.3 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2159 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/26/2011 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 100.0% |
| | Overload- | 0.0% |
| | Planned Work- | 0.0% |
| | Trees- | 0.0% |
| | Utility Equipment- | 0.0% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 0.02 |
| 10. 2013 SAIDI | | 0.00 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.00 |
| 12. 2013 SAIFI | | 0.00 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|--|--------|
| 1. SUBSTATION NAME AND NUMBER | DEL PARK | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3135 Del Park Terrance - Louisville | |
| 3. CIRCUIT NAME AND NUMBER | DE1407 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Magazine St, S 28th St, & Grand Ave - E & S of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.7 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/26/2011 | |
| 8. 2013 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) | 27.80 | |
| 10. 2013 SAIDI | 116.00 | |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.40 | |
| 12. 2013 SAIFI | 1.00 | |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|---|---|
| 1. SUBSTATION NAME AND NUMBER | DEL PARK |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3135 Del Park Terrance - Louisville |
| 3. CIRCUIT NAME AND NUMBER | DE1408 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Magazine St, S 28 th St, W KY St, & Grand Ave - E & S of Subst. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 76 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/26/2011 |
| 8. 2013 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) | 29.08 |
| 10. 2013 SAIDI | 48.96 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.72 |
| 12. 2013 SAIFI | 0.80 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|---|---|
| 1. SUBSTATION NAME AND NUMBER | DEL PARK |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3135 Del Park Terrace - Louisville |
| 3. CIRCUIT NAME AND NUMBER | DE1409 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Magazine St, S 30th St, & W Broadway - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 8 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/26/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 59.0% |
| Overload- | 0.0% |
| Planned Work- | 41.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 56.91 |
| 10. 2013 SAIDI | 74.13 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.49 |
| 12. 2013 SAIFI | 1.25 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | DEL PARK |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3135 Del Park Terrance - Louisville |
| 3. CIRCUIT NAME AND NUMBER | DE1410 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - River Park Dr, Cecil Ave, Greenwood Ave, & Virginia Ave - SW of Subst. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1255 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/26/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 26.5% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 4.5% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 69.0% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 63.41

10. 2013 SAIDI 110.66

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.72

12. 2013 SAIFI 3.28

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | DUMESNIL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - Dumesnil St - Louisville |
| 3. CIRCUIT NAME AND NUMBER | DU0002 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - S 13th St, W Hill St, & S 15th St - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 132 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/23/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 14.9% |
| Non-Company- | 2.1% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 80.3% |
| Trees- | 0.0% |
| Utility Equipment- | 2.7% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 176.59 |
| 10. 2013 SAIDI | 32.07 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.23 |
| 12. 2013 SAIFI | 0.94 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|---|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | DIXIE | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 1706 Bernheim Ln. - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | DX1221 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Dixie Hwy, Ralph Ave, & Fitzgerald Rd - SW of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 14.2 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1556 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 09/22/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 2.2% | |
| | Construction- | 0.0% | |
| | Lightning- | 1.3% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 2.3% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.8% | |
| | Trees- | 92.2% | |
| | Utility Equipment- | 0.3% | |
| | Vehicle- | 0.9% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 74.00 |
| 10. | 2013 SAIDI | | 42.40 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.82 |
| 12. | 2013 SAIFI | | 1.25 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Tree trim scheduled for 2014 | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | DIXIE | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 1706 Bernheim Ln. - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | DX1222 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Millers Ln, Cane Run Rd, Bells Ln, & Algonquin PKY - W of Sub. | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 26.5 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 2555 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 09/25/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.4% | |
| | Construction- | 0.0% | |
| | Lightning- | 1.6% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 5.3% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.5% | |
| | Trees- | 88.5% | |
| | Utility Equipment- | 3.6% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 91.81 |
| 10. | 2013 SAIDI | | 84.48 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.06 |
| 12. | 2013 SAIFI | | 1.06 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Tree trim scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|---|--|
| 1. SUBSTATION NAME AND NUMBER | EIGHTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 841 S 8th St - Louisville |
| 3. CIRCUIT NAME AND NUMBER | EI0002 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - W Breckenridge St, S 6th St, & S 4th St - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 200 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/06/2013 |
| 8. 2013 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- | 59.2% |
| Trees- | 0.0% |
| Utility Equipment- | 40.7% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 50.86 |
| 10. 2013 SAIDI | 41.35 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.28 |
| 12. 2013 SAIFI | 0.36 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Shepherdsville Rd, Bashford Ave, & Buechel Bank Rd - NE & SE of Sub. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 9.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 791 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/06/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 2.3% |
| Overload- | 0.0% |
| Planned Work- | 0.4% |
| Trees- | 11.8% |
| Utility Equipment- | 14.0% |
| Vehicle- | 71.5% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 62.53

10. 2013 SAIDI 324.93

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.75

12. 2013 SAIFI 2.25

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Hikes Ln, Champ Trace Ln, & Bashford Manor Ln - N of Sub. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1146 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/09/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 22.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 65.2% |
| Overload- | 0.0% |
| Planned Work- | 3.9% |
| Trees- | 2.0% |
| Utility Equipment- | 6.8% |
| Vehicle- | 0.1% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 64.40 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 76.17 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.57 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.59 |
|----------------|------|

| | |
|---|--|
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
|---|--|

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | ETHEL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3532 Ethel Ave. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | ET1172 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Hikes Ln - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2022 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/04/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.1% |
| Other/Unknown- | 34.9% |
| Overload- | 0.0% |
| Planned Work- | 44.1% |
| Trees- | 20.9% |
| Utility Equipment- | 0.1% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 114.14 |
| 10. 2013 SAIDI | 145.87 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.66 |
| 12. 2013 SAIFI | 0.70 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|-----|---|--|
| 1. | SUBSTATION NAME AND NUMBER | ETHEL |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3532 Ethel Ave. - Louisville |
| 3. | CIRCUIT NAME AND NUMBER | ET1421 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Ethel Ave, Bardstown Rd, Buechel Bank Rd, & Progress Blvd - E of Sub. |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 3.5 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 7 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 01/01/2014 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 0.0% |
| | Overload- | 0.0% |
| | Planned Work- | 0.0% |
| | Trees- | 0.0% |
| | Utility Equipment- | 0.0% |
| | Vehicle- | 100.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 276.42 |
| 10. | 2013 SAIDI | 537.86 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 2.59 |
| 12. | 2013 SAIFI | 1.00 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
| | Continue to monitor | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | ETHEL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3532 Ethel Ave. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | ET1422 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Bardstown Rd, Goldsmith Ln, & Shepherdsville Rd – N of Sub. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 281 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/12/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.2% |
| Overload- | 0.0% |
| Planned Work- | 2.2% |
| Trees- | 0.0% |
| Utility Equipment- | 29.2% |
| Vehicle- | 68.4% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 22.46 |
| 10. 2013 SAIDI | 76.15 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.46 |
| 12. 2013 SAIFI | 1.05 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Jennings Ln, Bishop Ln, & Robards Ln - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 63 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/12/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.1% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 17.6% |
| Overload- | 0.0% |
| Planned Work- | 6.6% |
| Trees- | 0.0% |
| Utility Equipment- | 74.8% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 147.54 |
| 10. 2013 SAIDI | 138.03 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.46 |
| 12. 2013 SAIFI | 2.27 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Shelbyville Rd & Beckley Creek PKWY - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 338 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/04/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 12.5% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 84.3% |
| Overload- | 0.0% |
| Planned Work- | 0.6% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 2.6% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 8.35

10. 2013 SAIDI 23.47

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.06

12. 2013 SAIFI 0.10

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** EASTWOOD
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 100 Flat Road Rd. - Louisville
- 3. **CIRCUIT NAME AND NUMBER** EW1241
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Gilliland Rd, Shelbyville Rd, & Long Run Rd - E & SW of Sub.
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 59.2
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 1184
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 08/25/2012
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 1.1% |
| Construction- | 0.0% |
| Lightning- | 2.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 6.7% |
| Overload- | 0.0% |
| Planned Work- | 5.5% |
| Trees- | 62.2% |
| Utility Equipment- | 21.9% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 91.85
- 10. **2013 SAIDI** 120.85
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.91
- 12. **2013 SAIFI** 1.47
- 13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | EASTWOOD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 100 Flat Road Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | EW1242 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Johnson Rd – N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 24.36 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 616 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | New Circuit |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 6.7% |
| Construction- | 3.3% |
| Lightning- | 1.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 20.0% |
| Overload- | 0.0% |
| Planned Work- | 68.3% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 0.00

10. 2013 SAIDI 8.30

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.00

12. 2013 SAIFI 0.10

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|---|--|
| 1. SUBSTATION NAME AND NUMBER | EASTWOOD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 100 Flat Road Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | EW1243 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Eastwood Fisherville Rd – S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.78 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 138 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | New Circuit |
| 8. 2013 OUTAGES BY CAUSE | |

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

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 0.00 |
| 10. 2013 SAIDI | 15.98 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.00 |
| 12. 2013 SAIFI | 0.11 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Greenwood Ave & Cecil Ave - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 482 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/26/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

- | | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 2.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.2% |
| Overload- | 0.0% |
| Planned Work- | 2.4% |
| Trees- | 94.4% |
| Utility Equipment- | 0.4% |
| Vehicle- | 0.0% |

- | | | |
|---|-------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 13.37 |
| 10. 2013 SAIDI | 34.15 | |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.17 |
| 12. 2013 SAIFI | 0.38 | |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | FALLS CITY |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 1048 S 43rd St - Louisville |
| 3. CIRCUIT NAME AND NUMBER | FC0002 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - S 43 rd St, Virginia Ave, Southwestern PKY - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 322 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/26/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 45.9% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 19.7% |
| Utility Equipment- | 34.4% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 34.36 |
| 10. 2013 SAIDI | 92.62 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.14 |
| 12. 2013 SAIFI | 0.59 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** FALLS CITY
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1048 S 43rd St - Louisville
- 3. **CIRCUIT NAME AND NUMBER** FC0004
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Greenwood Ave, S 45th St, & Garland Ave - NW of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 3.6
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 413
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 03/26/2011

- 8. **2013 OUTAGES BY CAUSE**
 - Animal- 0.0%
 - Construction- 0.0%
 - Lightning- 0.4%
 - Non-Company- 0.0%
 - Other/Unknown- 0.0%
 - Overload- 0.0%
 - Planned Work- 0.0%
 - Trees- 4.8%
 - Utility Equipment- 94.8%
 - Vehicle- 0.0%

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 20.49
- 10. **2013 SAIDI** 208.97
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.21
- 12. **2013 SAIFI** 1.63

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 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 (TOWN-ROAD-GENERAL AREA)** Louisville - N Hurstbourne PKY, Whipps Mill Rd, & La Grange Rd - SW of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 14.6
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 991
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 04/20/2012
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 1.6% |
| Construction- | 0.0% |
| Lightning- | 9.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.4% |
| Overload- | 0.0% |
| Planned Work- | 3.9% |
| Trees- | 60.3% |
| Utility Equipment- | 19.9% |
| Vehicle- | 4.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 66.78
- 10. **2013 SAIDI** 48.07
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.73
- 12. **2013 SAIFI** 1.23
- 13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Completed in 2013

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | FREYS HILL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3300 Freys Hill Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | FH1211 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Springhurst Blvd & Champion Farms Dr - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 363 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | Underground |
| 8. 2013 OUTAGES BY CAUSE | |

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

- | | |
|---|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 0.69 |
| 10. 2013 SAIDI | 3.90 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.03 |
| 12. 2013 SAIFI | 0.01 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
- Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Freys Hill Rd, Evergreen Rd, & Park Rd - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 26.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 708 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/18/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 3.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.4% |
| Overload- | 0.0% |
| Planned Work- | 0.5% |
| Trees- | 94.4% |
| Utility Equipment- | 0.9% |
| Vehicle- | 0.8% |

- | | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 61.97 |
| 10. 2013 SAIDI | 181.32 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.39 |
| 12. 2013 SAIFI | 0.45 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Springhurst Blvd & N Hurstbourne PKY - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 15.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 805 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/27/2012 |
| 8. 2013 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- | 71.9% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 28.1% |

- | | |
|---|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 2.71 |
| 10. 2013 SAIDI | 9.82 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.07 |
| 12. 2013 SAIFI | 0.08 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|-----|---|--|
| 1. | SUBSTATION NAME AND NUMBER | FREYS HILL |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3300 Freys Hill Rd. - Louisville |
| 3. | CIRCUIT NAME AND NUMBER | FH1217 |
| 4. | CIRCUIT LOCATION (TDWN-ROAD-GENERAL AREA) | Louisville - Westport Rd & Chamberlain Ln - NE of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 7.9 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 523 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 04/27/2012 |
| 8. | 2013 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- | 0.0% |
| | Utility Equipment- | 99.8% |
| | Vehicle- | 0.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 38.69 |
| 10. | 2013 SAIDI | 40.24 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.07 |
| 12. | 2013 SAIFI | 0.45 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
| | Continue to monitor | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|--------|
| 1. | SUBSTATION NAME AND NUMBER | FLOYD | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 1806 S Floyd St. - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | FL1497 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - S Floyd St & Crittenden Dr - S of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 3.3 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 153 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 03/30/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.2% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.4% | |
| | Trees- | 99.4% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 159.95 |
| 10. | 2013 SAIDI | | 573.40 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.58 |
| 12. | 2013 SAIFI | | 0.61 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|-----|--|---|
| 1. | SUBSTATION NAME AND NUMBER | FLOYD |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 1806 S Floyd St. - Louisville |
| 3. | CIRCUIT NAME AND NUMBER | FL1498 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - S Floyd St & Byrne Ave - S of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 1.5 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 39 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 03/30/2013 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 0.0% |
| | Overload- | 0.0% |
| | Planned Work- | 89.1% |
| | Trees- | 0.0% |
| | Utility Equipment- | 10.9% |
| | Vehicle- | 0.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 32.94 |
| 10. | 2013 SAIDI | 88.96 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.37 |
| 12. | 2013 SAIFI | 0.29 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
| | Continue to monitor | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | FLOYD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 1806 S Floyd St. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | FL1499 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - S Floyd St, W Cardinal Blvd, & S Brook St - N & S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 12 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/30/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 49.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 50.3% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 128.92 |
|-----------------------------------|--------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 203.67 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.44 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 2.58 |
|----------------|------|

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | FAIRMOUNT |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 10713 Fairmount Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | FM1256 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Bardstown Rd, Lands Ln, & HWY 44 - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 42.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2166 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/06/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 41.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 15.9% |
| Overload- | 11.8% |
| Planned Work- | 3.2% |
| Trees- | 10.7% |
| Utility Equipment- | 17.1% |
| Vehicle- | 0.3% |

- | | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 84.15 |
| 10. 2013 SAIDI | 111.21 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.00 |
| 12. 2013 SAIFI | 2.90 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|---|--------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Brentlinger Ln, Seatonville Rd, Brush Run Rd, & Routt Rd - E of Sub. | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 90.2 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1857 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/01/2013 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.6% |
| | Construction- | 0.0% |
| | Lightning- | 8.6% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 31.2% |
| | Overload- | 0.0% |
| | Planned Work- | 48.6% |
| | Trees- | 1.3% |
| | Utility Equipment- | 9.5% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 43.65 |
| 10. 2013 SAIDI | | 101.59 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.58 |
| 12. 2013 SAIFI | | 0.79 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | FAIRMOUNT |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 10713 Fairmount Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | FM1260 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Thixton Ln & Independence School Rd - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 27.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 670 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/09/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 3.9% |
| Construction- | 0.0% |
| Lightning- | 0.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 7.8% |
| Overload- | 0.0% |
| Planned Work- | 11.1% |
| Trees- | 29.4% |
| Utility Equipment- | 47.7% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 31.56 |
| 10. 2013 SAIDI | 115.59 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.44 |
| 12. 2013 SAIFI | 0.76 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Tree trimmed in 2013

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|-----|---|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Fairmount Rd, Back Run Rd, & Dawson Hill Rd - E of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 33.5 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 775 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 10/01/2013 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 45.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 20.8% |
| | Overload- | 0.0% |
| | Planned Work- | 0.5% |
| | Trees- | 24.9% |
| | Utility Equipment- | 0.0% |
| | Vehicle- | 8.8% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 62.19 |
| 10. | 2013 SAIDI | 62.67 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.90 |
| 12. | 2013 SAIFI | 0.33 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
| | Continue to monitor | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | FAIRMOUNT |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 10713 Fairmount Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | FM1262 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Bardstown Rd & Stone Breaker Rd - NNW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 32.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1998 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/26/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 9.8% |
| Overload- | 0.0% |
| Planned Work- | 3.5% |
| Trees- | 0.0% |
| Utility Equipment- | 85.4% |
| Vehicle- | 1.2% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 34.77 |
| 10. 2013 SAIDI | 58.27 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.42 |
| 12. 2013 SAIFI | 1.08 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|-----|--|--|
| 1. | SUBSTATION NAME AND NUMBER | FORTY FOURTH |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 128 N 44th St - Louisville |
| 3. | CIRCUIT NAME AND NUMBER | FO0001 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - N 44th St & Bank St - N of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 1.3 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 219 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 03/26/2011 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 0.0% |
| | Overload- | 0.0% |
| | Planned Work- | 5.2% |
| | Trees- | 79.9% |
| | Utility Equipment- | 14.9% |
| | Vehicle- | 0.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 44.53 |
| 10. | 2013 SAIDI | 48.34 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.21 |
| 12. | 2013 SAIFI | 0.24 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
| | Continue to monitor | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 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 | FV1134 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Preston Hwy, Loretta St, & Ulrich Ave - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1814 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/10/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

- | | |
|--------------------|-------|
| Animal- | 2.0% |
| Construction- | 0.0% |
| Lightning- | 63.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 8.9% |
| Overload- | 0.0% |
| Planned Work- | 6.8% |
| Trees- | 4.8% |
| Utility Equipment- | 11.7% |
| Vehicle- | 2.1% |

- | | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 45.00 |
| 10. 2013 SAIDI | 177.49 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.61 |
| 12. 2013 SAIFI | 2.56 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Forest Dr, E Indian Trl, & Poplar Level Rd - N of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 17.6 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 2164 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 11/17/2012 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 1.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 46.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 30.0% | |
| | Trees- | 17.1% | |
| | Utility Equipment- | 4.1% | |
| | Vehicle- | 1.7% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 84.63 |
| 10. | 2013 SAIDI | | 67.40 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.00 |
| 12. | 2013 SAIFI | | 1.46 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 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 | FV1137 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Fern Valley Rd, Industrial Blvd, & Orange Dr - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 426 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/12/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 95.3% |
| Trees- | 0.0% |
| Utility Equipment- | 4.7% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 13.62

10. 2013 SAIDI 36.19

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.24

12. 2013 SAIFI 1.10

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|-----|--|---|
| 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 | FV1138 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Fern Valley Rd & Shepherdsville Rd - E of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 10.2 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1377 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 01/12/2013 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 4.2% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 33.0% |
| | Overload- | 0.0% |
| | Planned Work- | 44.0% |
| | Trees- | 0.0% |
| | Utility Equipment- | 18.8% |
| | Vehicle- | 0.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 23.95 |
| 10. | 2013 SAIDI | 70.24 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.41 |
| 12. | 2013 SAIFI | 1.35 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Industrial Blvd, Grade Ln, & Knopp Ave - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 229 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/12/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 2.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 33.8% |
| Overload- | 0.0% |
| Planned Work- | 32.8% |
| Trees- | 0.0% |
| Utility Equipment- | 0.5% |
| Vehicle- | 30.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 112.38 |
| 10. 2013 SAIDI | 207.87 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.41 |
| 12. 2013 SAIFI | 2.78 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|--|--------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Hanses Dr, Poplar Level Rd, & Rangeland Rd - NE of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 14.0 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1259 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 01/12/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 1.6% | |
| | Construction- | 0.0% | |
| | Lightning- | 7.2% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 8.1% | |
| | Overload- | 0.0% | |
| | Planned Work- | 1.4% | |
| | Trees- | 16.5% | |
| | Utility Equipment- | 1.9% | |
| | Vehicle- | 63.3% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 68.54 |
| 10. | 2013 SAIDI | | 174.38 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.18 |
| 12. | 2013 SAIFI | | 0.86 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- 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 (TOWN-ROAD-GENERAL AREA)** Louisville - Mile of Sunshine Dr, Whispering Hills Blvd, & Yellow Sands Dr - E of Sub
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 19.1
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 1940
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 05/12/2012
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 6.5% |
| Overload- | 0.0% |
| Planned Work- | 3.9% |
| Trees- | 51.8% |
| Utility Equipment- | 15.6% |
| Vehicle- | 21.8% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 67.66
- 10. **2013 SAIDI** 158.73
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.70
- 12. **2013 SAIFI** 1.85

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

Reliability Improvements Completed in 2013

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|--------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Forest Dr, E Indian Trail, Poplar Level Rd, & Taylor Ave - NNW of Sub. | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 10.7 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 93 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 05/04/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 77.4% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 22.6% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 74.30 |
| 10. | 2013 SAIDI | | 396.22 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.15 |
| 12. | 2013 SAIFI | | 11.16 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** GRAND
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1038 S 34th St - Louisville
- 3. **CIRCUIT NAME AND NUMBER** GD0001
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Greenwood Ave, S 28th St, Virginia Ave, & S 26th St - E of Sub
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 4.1
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 762
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 03/31/2011
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 18.5% |
| Trees- | 0.0% |
| Utility Equipment- | 16.2% |
| Vehicle- | 65.3% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 21.81
- 10. **2013 SAIDI** 59.47
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.22
- 12. **2013 SAIFI** 0.44
- 13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Bank ST, 33rd St, Portland Ave, & Rudd Ave - N & E of Sub |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 698 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/26/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 2.7% |
| Overload- | 0.0% |
| Planned Work- | 6.1% |
| Trees- | 26.4% |
| Utility Equipment- | 64.8% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 90.04 |
| 10. 2013 SAIDI | 43.32 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.68 |
| 12. 2013 SAIFI | 1.10 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|--|---|--------------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Stratton Ave, Louis Coleman Jr Dr, & Grand Ave - NE of Sub | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.9 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1792 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/25/2010 | |
| 8. 2013 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) | | 29.10 |
| 10. 2013 SAIDI | | 52.98 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.40 |
| 12. 2013 SAIFI | | 1.02 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** GRADY
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 1838 5 39th St. - Louisville
- 3. **CIRCUIT NAME AND NUMBER** GR1465
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville –Bells Ln –5 of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 2.0
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 4
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 09/25/2010
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.6% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 33.4% |
| Trees- | 66.1% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 47.55
- 10. **2013 SAIDI** 309.71
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.85
- 12. **2013 SAIFI** 1.71

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

Tree trim scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|---|--|--------|
| 1. | SUBSTATION NAME AND NUMBER | GRADY | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 1838 S 39th St. - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | GR1466 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - S 41st St & Bells Ln - SW of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 1.3 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 6 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 09/25/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 100.0% | |
| 9. | CIRCUIT S YEAR AVERAGE (SAIDI) | | 60.27 |
| 10. | 2013 SAIDI | | 130.50 |
| 11. | CIRCUIT S YEAR AVERAGE (SAIFI) | | 0.53 |
| 12. | 2013 SAIFI | | 0.50 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- 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 (TOWN-ROAD-GENERAL AREA)** 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** 706
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 03/26/2011

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 98.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.1% |
| Overload- | 0.0% |
| Planned Work- | 1.2% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 66.21

10. **2013 SAIDI** 124.06

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

12. **2013 SAIFI** 1.04

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** HALE
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - Rear 185 Hale Ave - Louisville
- 3. **CIRCUIT NAME AND NUMBER** HA0002
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Dixie Hwy, Hale Ave, Dumesnil St, & St Louis Ave - S of Sub
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 2.7
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 608
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 03/26/2011
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 54.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 7.3% |
| Overload- | 0.0% |
| Planned Work- | 2.9% |
| Trees- | 9.4% |
| Utility Equipment- | 20.5% |
| Vehicle- | 5.7% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 59.26
- 10. **2013 SAIDI** 162.42
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.49
- 12. **2013 SAIFI** 1.26
- 13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Plantside Dr, Carton Dr, & Bunsen Way - SW of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 3.8 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 171 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 02/26/2011 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 1.2% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 7.7% | |
| | Overload- | 0.0% | |
| | Planned Work- | 6.2% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 84.9% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 16.79 |
| 10. | 2013 SAIDI | | 18.75 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.44 |
| 12. | 2013 SAIFI | | 0.19 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | HURSTBOURNE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 1830 Plantside Drive - Louisville |
| 3. CIRCUIT NAME AND NUMBER | HB1147 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - I 64 W, Linn Station Rd, & Timberwood Cir - NNW of Sub |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 16.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1330 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/30/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 9.4% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.2% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 85.1% |
| Utility Equipment- | 5.3% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 82.51 |
| 10. 2013 SAIDI | 98.10 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.90 |
| 12. 2013 SAIFI | 1.19 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 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 (TOWN-ROAD-GENERAL AREA)** Louisville - Hillcrest Ave, Zorn Ave, & River Rd - N of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 20.3
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 1106
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 03/30/2012
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 1.2% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 41.8% |
| Overload- | 0.0% |
| Planned Work- | 1.2% |
| Trees- | 25.8% |
| Utility Equipment- | 30.0% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 142.08
- 10. **2013 SAIDI** 159.29
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.26
- 12. **2013 SAIFI** 0.89

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** HILLCREST
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3015 Frankfort Ave. - Louisville
- 3. **CIRCUIT NAME AND NUMBER** HC1431
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Hillcrest Ave & Zorn Ave - N of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 2.2
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 4
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2013

- 8. **2013 OUTAGES BY CAUSE**
 - Animal- 0.0%
 - Construction- 0.0%
 - Lightning- 0.0%
 - Non-Company- 0.0%
 - Other/Unknown- 30.0%
 - Overload- 0.0%
 - Planned Work- 0.0%
 - Trees- 0.0%
 - Utility Equipment- 70.0%
 - Vehicle- 0.0%

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 18.84
- 10. **2013 SAIDI** 52.50
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.21
- 12. **2013 SAIFI** 1.50

13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**
Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** HILLCREST
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3015 Frankfort Ave. - Louisville
- 3. **CIRCUIT NAME AND NUMBER** HC1435
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Hillcrest Ave, Zorn Ave, & Frankfort Ave - N & W of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 2.8
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 40
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2013
- 8. **2013 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)** 33.60
- 10. **2013 SAIDI** 94.58
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.05
- 12. **2013 SAIFI** 0.98

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | HIGHLAND |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 1917 Stevens Ave. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | HI1101 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Bardstown Rd, Longest Ave, & Grinstead Dr - NW of Sub |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 3038 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/12/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.3% |
| Construction- | 0.0% |
| Lightning- | 40.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 22.7% |
| Overload- | 0.0% |
| Planned Work- | 8.3% |
| Trees- | 23.4% |
| Utility Equipment- | 3.2% |
| Vehicle- | 0.3% |

| | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 77.85 |
| 10. 2013 SAIDI | 54.50 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.20 |
| 12. 2013 SAIFI | 1.34 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | HIGHLAND |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 1917 Stevens Ave. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | HI1472 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Bardstown Rd, Grinstead Dr, Baxter Ave, & Payne St - NW of Sub |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 82 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/31/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 1.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 22.8% |
| Overload- | 0.0% |
| Planned Work- | 8.7% |
| Trees- | 0.0% |
| Utility Equipment- | 66.8% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 372.35 |
| 10. 2013 SAIDI | 56.90 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.72 |
| 12. 2013 SAIFI | 2.07 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | HARRODS CREEK |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 6611 Del Haven Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | HK1234 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - HWY 42, Wolf Pen Branch Rd, & Barbour Ln - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 50.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1793 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/3/2009 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.9% |
| Lightning- | 2.4% |
| Non-Company- | 0.5% |
| Other/Unknown- | 6.6% |
| Overload- | 1.9% |
| Planned Work- | 3.3% |
| Trees- | 39.9% |
| Utility Equipment- | 38.5% |
| Vehicle- | 6.0% |

| | | |
|-----------------------------------|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 105.53 |
|-----------------------------------|--|--------|

| | | |
|----------------|--|--------|
| 10. 2013 SAIDI | | 141.68 |
|----------------|--|--------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.06 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 3.03 |
|----------------|--|------|

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

Tree trim scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

- 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 (TOWN-ROAD-GENERAL AREA)** Louisville - Timber Bridge Dr & Fox Harbor Rd - E of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 10.4
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 429
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 08/20/2010
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 3.4% |
| Overload- | 0.0% |
| Planned Work- | 21.9% |
| Trees- | 73.0% |
| Utility Equipment- | 1.7% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 125.48
- 10. **2013 SAIDI** 124.39
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.63
- 12. **2013 SAIFI** 0.89

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

Tree trim scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - River Rd, Avish Ln, & Rockledge Dr - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 19.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 553 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/21/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.0% |
| Construction- | 0.0% |
| Lightning- | 13.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 4.3% |
| Overload- | 0.0% |
| Planned Work- | 7.0% |
| Trees- | 32.5% |
| Utility Equipment- | 41.8% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 54.60 |
| 10. 2013 SAIDI | 176.45 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.35 |
| 12. 2013 SAIFI | 2.47 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Tree trim scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|---|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - River Rd, Shirley Ave, & Duroc Ave - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 10.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 581 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/14/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 32.1% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 8.9% |
| Overload- | 0.0% |
| Planned Work- | 57.8% |
| Trees- | 0.0% |
| Utility Equipment- | 1.2% |
| Vehicle- | 0.0% |

| | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 76.72 |
| 10. 2013 SAIDI | 123.05 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.58 |
| 12. 2013 SAIFI | 2.11 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | HARRODS CREEK |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 6611 Del Haven Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | HK1243 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - US 42, Covered Bridge Rd, Rose Island Rd, & River Bluff Rd - NNE of Sub |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 53.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1582 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/09/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 44.5% |
| Overload- | 0.0% |
| Planned Work- | 1.3% |
| Trees- | 10.6% |
| Utility Equipment- | 43.4% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 18.34

10. 2013 SAIDI 147.08

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.07

12. 2013 SAIFI 2.35

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | HARMONY LANDING |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Oldham - 11943 W Hwy 42 - Goshen |
| 3. CIRCUIT NAME AND NUMBER | HL1157 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Goshen - Meadowridge Trl, Hwy 1793, & Rose Island Rd - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 32.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1241 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/04/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.6% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 4.2% |
| Overload- | 0.0% |
| Planned Work- | 0.7% |
| Trees- | 74.9% |
| Utility Equipment- | 19.2% |
| Vehicle- | 0.2% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 246.63 |
| 10. 2013 SAIDI | 497.12 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.44 |
| 12. 2013 SAIFI | 1.20 |

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

Tree trim scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|---|--|
| 1. SUBSTATION NAME AND NUMBER | HANCOCK |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 630 E Caldwell St - Louisville |
| 3. CIRCUIT NAME AND NUMBER | HN1204 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - S Preston St, E Broadway, S Shelby St, & E Madison St - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 966 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/05/2010 |

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 29.3% |
| Overload- | 0.0% |
| Planned Work- | 1.9% |
| Trees- | 12.3% |
| Utility Equipment- | 54.1% |
| Vehicle- | 2.1% |

9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.02

10. **2013 SAIDI** 35.74

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

12. **2013 SAIFI** 1.41

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | INTERNATIONAL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 5599 Cane Run Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | IN1290 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Cane Run Rd, Greenbelt Hwy, & Rockaway Dr - ENE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 12.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 988 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/04/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 25.8% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.3% |
| Overload- | 0.0% |
| Planned Work- | 26.7% |
| Trees- | 0.0% |
| Utility Equipment- | 46.3% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 103.33 |
| 10. 2013 SAIDI | 32.41 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.95 |
| 12. 2013 SAIFI | 1.37 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|---|--------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Lower Hunters Trace, Terry Rd, & Mt Everest Dr - ESE of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 32.6 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2953 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/30/2009 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 1.1% |
| | Construction- | 8.9% |
| | Lightning- | 4.7% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 33.4% |
| | Overload- | 0.0% |
| | Planned Work- | 2.2% |
| | Trees- | 41.6% |
| | Utility Equipment- | 8.2% |
| | Vehicle- | 0.1% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 45.63 |
| 10. 2013 SAIDI | | 104.65 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.68 |
| 12. 2013 SAIFI | | 1.60 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|--|--|--------------|
| 1. SUBSTATION NAME AND NUMBER | JEFFERSONTOWN | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 11412 Taylorsville Rd. - Louisville | |
| 3. CIRCUIT NAME AND NUMBER | JT1123 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Taylorsville Rd, I 265 S, & Eastwood Fisherville Rd - E of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 66.7 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1353 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/01/2012 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- 1.0% | |
| | Construction- 0.0% | |
| | Lightning- 0.2% | |
| | Non-Company- 0.0% | |
| | Other/Unknown- 53.8% | |
| | Overload- 0.0% | |
| | Planned Work- 28.9% | |
| | Trees- 2.7% | |
| | Utility Equipment- 13.3% | |
| | Vehicle- 0.0% | |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 77.80 |
| 10. 2013 SAIDI | | 44.18 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.87 |
| 12. 2013 SAIFI | | 3.38 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** JEFFERSONTOWN
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 11412 Taylorsville Rd. - Louisville
- 3. **CIRCUIT NAME AND NUMBER** JT1125
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Blankenbaker Pky & Chenoweth Run Rd - NW & SW of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 11.7
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 391
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 07/10/2009
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 5.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 24.4% |
| Overload- | 0.0% |
| Planned Work- | 0.2% |
| Trees- | 62.6% |
| Utility Equipment- | 0.0% |
| Vehicle- | 7.4% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 14.13
- 10. **2013 SAIDI** 58.52
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.08
- 12. **2013 SAIFI** 0.32
- 13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|-----|--|---|
| 1. | SUBSTATION NAME AND NUMBER | JEFFERSONTOWN |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 11412 Taylorsville Rd. - Louisville |
| 3. | CIRCUIT NAME AND NUMBER | JT1127 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Taylorsville Rd, Old Routt Rd, & Taylorsville Lake Rd - SE of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 43.2 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 375 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 11/24/2012 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 0.9% |
| | Construction- | 0.0% |
| | Lightning- | 0.8% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 0.0% |
| | Overload- | 0.0% |
| | Planned Work- | 6.4% |
| | Trees- | 77.6% |
| | Utility Equipment- | 14.4% |
| | Vehicle- | 0.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 21.34 |
| 10. | 2013 SAIDI | 71.66 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.09 |
| 12. | 2013 SAIFI | 0.59 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
| | Continue to monitor | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- 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 (TOWN-ROAD-GENERAL AREA)** Louisville - Southside Dr, 3rd St, & W Southland Blvd - N of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 5.3
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 1205
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 06/30/2012

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 12.5% |
| Construction- | 0.0% |
| Lightning- | 3.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 45.0% |
| Overload- | 0.0% |
| Planned Work- | 6.2% |
| Trees- | 0.4% |
| Utility Equipment- | 32.8% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 85.40
- 10. **2013 SAIDI** 80.01
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.83
- 12. **2013 SAIFI** 2.03

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | KENWOOD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 115 Steedly Dr. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | KE1156 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Strawberry Ln, Southside Dr, & National TPke - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 12.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1237 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/23/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.4% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 15.2% |
| Overload- | 0.0% |
| Planned Work- | 7.6% |
| Trees- | 43.1% |
| Utility Equipment- | 23.7% |
| Vehicle- | 9.9% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 53.87 |
| 10. 2013 SAIDI | | 44.02 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.80 |
| 12. 2013 SAIFI | | 1.24 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Inverness Ave, New Cut Rd, & Palatka Rd - W & SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 19.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2404 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/04/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.1% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 3.5% |
| Overload- | 0.0% |
| Planned Work- | 9.5% |
| Trees- | 18.8% |
| Utility Equipment- | 4.9% |
| Vehicle- | 62.2% |

| | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 83.13 |
| 10. 2013 SAIDI | 110.50 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.12 |
| 12. 2013 SAIFI | 0.70 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** KENWOOD
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 115 Steedly Dr. - Louisville
- 3. **CIRCUIT NAME AND NUMBER** KE1161
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Southside Dr, 3rd St, & W Kenwood Way - N of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 6.0
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 738
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 06/02/2012

- 8. **2013 OUTAGES BY CAUSE**
 - Animal- 36.5%
 - Construction- 0.0%
 - Lightning- 5.7%
 - Non-Company- 0.0%
 - Other/Unknown- 37.8%
 - Overload- 0.0%
 - Planned Work- 13.4%
 - Trees- 0.0%
 - Utility Equipment- 6.7%
 - Vehicle- 0.0%

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 91.63
- 10. **2013 SAIDI** 67.87
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.88

12. **2013 SAIFI** 1.05

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Strawberry Ln & Eiler Ave - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 78 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/09/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 12.8% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 87.2% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 55.37 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 68.00 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.46 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.34 |
|----------------|------|

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Logan St, E Kentucky St, & Swan St - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 302 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/26/2010 |

8. 2013 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- | 12.2% |
| Trees- | 69.6% |
| Utility Equipment- | 0.0% |
| Vehicle- | 14.4% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 29.74

10. 2013 SAIDI 63.09

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.25

12. 2013 SAIFI 0.34

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|-----|--|--|
| 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 | LG0004 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Logan St, Goss Ave, & Charles St - SE of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 3.0 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 702 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 06/26/2010 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 95.5% |
| | Overload- | 0.0% |
| | Planned Work- | 4.5% |
| | Trees- | 0.0% |
| | Utility Equipment- | 0.0% |
| | Vehicle- | 0.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 41.72 |
| 10. | 2013 SAIDI | 51.64 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.52 |
| 12. | 2013 SAIFI | 0.19 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
| | Continue to monitor | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Preston Hwy, Belmar Dr, & Phillips Ln - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 12.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1302 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/18/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 10.7% |
| Overload- | 0.0% |
| Planned Work- | 6.4% |
| Trees- | 13.8% |
| Utility Equipment- | 68.4% |
| Vehicle- | 0.5% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 97.99 |
| 10. 2013 SAIDI | 83.15 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.82 |
| 12. 2013 SAIFI | 3.80 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Reliability Improvements Scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|---|--------|
| 1. SUBSTATION NAME AND NUMBER | LYNDON SOUTH | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 918 Ormsby Ln. - Louisville | |
| 3. CIRCUIT NAME AND NUMBER | LS1245 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Ormsby Ln, Westport Rd, & Colonel Dr - N of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 20.1 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1679 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/29/2012 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 1.0% |
| | Construction- | 0.0% |
| | Lightning- | 0.4% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 5.4% |
| | Overload- | 0.0% |
| | Planned Work- | 27.9% |
| | Trees- | 65.3% |
| | Utility Equipment- | 0.1% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 94.06 |
| 10. 2013 SAIDI | | 149.94 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.66 |
| 12. 2013 SAIFI | | 1.88 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Reliability Improvements Completed in 2013

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|---|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Whipps Mill Rd, Ormsby Station Rd, & Shelbyville Rd - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 23.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1576 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/23/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 5.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 10.0% |
| Overload- | 0.0% |
| Planned Work- | 0.9% |
| Trees- | 76.8% |
| Utility Equipment- | 7.1% |
| Vehicle- | 0.0% |

- | | |
|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 82.29 |
| 10. 2013 SAIDI | 154.09 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.82 |
| 12. 2013 SAIFI | 1.88 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | LYNDON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 8407 LaGrange Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | LY1111 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Ormsby Ln, Herr Ln, & Graymoor Rd - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 24.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2162 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/20/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 11.6% |
| Construction- | 0.0% |
| Lightning- | 10.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 12.7% |
| Overload- | 0.0% |
| Planned Work- | 1.4% |
| Trees- | 10.9% |
| Utility Equipment- | 52.7% |
| Vehicle- | 0.6% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 85.31 |
| 10. 2013 SAIDI | 113.21 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.75 |
| 12. 2013 SAIFI | 1.31 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|--|-------|
| 1. SUBSTATION NAME AND NUMBER | LYNDON | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 8407 LaGrange Rd. - Louisville | |
| 3. CIRCUIT NAME AND NUMBER | LY1112 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - New La Grange Rd & Willow Springs Dr - E & SW of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.2 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 766 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/21/2012 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 5.0% |
| | Construction- | 0.0% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 1.2% |
| | Overload- | 0.0% |
| | Planned Work- | 14.6% |
| | Trees- | 36.4% |
| | Utility Equipment- | 42.7% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 51.54 |
| 10. 2013 SAIDI | | 67.08 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.73 |
| 12. 2013 SAIFI | | 1.24 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|---|-------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - Railroad Ave, Lyndon Ln, & Westport Rd - W of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 20.0 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2253 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/25/2010 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 3.9% |
| | Construction- | 0.0% |
| | Lightning- | 0.9% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 4.2% |
| | Overload- | 1.1% |
| | Planned Work- | 1.8% |
| | Trees- | 37.7% |
| | Utility Equipment- | 50.4% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 46.57 |
| 10. 2013 SAIDI | | 69.26 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.37 |
| 12. 2013 SAIFI | | 0.47 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|---|--|
| 1. SUBSTATION NAME AND NUMBER | LYNDON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 8407 LaGrange Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | LY1164 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - La Grange Rd, Roosevelt Ave, & Twin Ridge Rd - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 10.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1071 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/18/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 99.2% |

- | | |
|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 74.76 |
| 10. 2013 SAIDI | 81.21 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.83 |
| 12. 2013 SAIFI | 1.04 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MILL CREEK - LGE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 14660 Dixie Hwy - Louisville |
| 3. CIRCUIT NAME AND NUMBER | MC1261 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Dixie Hwy, Pendleton Rd, & Blevins Gap Rd - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 62.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2551 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/30/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 3.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 43.5% |
| Overload- | 0.2% |
| Planned Work- | 1.5% |
| Trees- | 3.6% |
| Utility Equipment- | 32.5% |
| Vehicle- | 15.1% |

| | | |
|-----------------------------------|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 230.12 |
|-----------------------------------|--|--------|

| | | |
|----------------|--|--------|
| 10. 2013 SAIDI | | 249.70 |
|----------------|--|--------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 2.08 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 4.23 |
|----------------|--|------|

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 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 (TOWN-ROAD-GENERAL AREA)** 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** 20
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 01/17/2010
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 78.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 18.2% |
| Trees- | 0.0% |
| Utility Equipment- | 3.1% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 105.39
- 10. **2013 SAIDI** 115.00
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.05
- 12. **2013 SAIFI** 0.40
- 13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** MADISON
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 635 E Madison - Louisville
- 3. **CIRCUIT NAME AND NUMBER** MD1456
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Jackson St & E Muhammad Ali Blvd - W of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 0.8
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 9
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 01/17/2010
- 8. **2013 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)** 5.33
- 10. **2013 SAIDI** 9.78
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.33
- 12. **2013 SAIFI** 0.22

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | MAGAZINE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 646 S 13th St. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | MG0411 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - W Broadway, 15 th St, Garland Ave, & 16 th St -SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 410 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/26/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 93.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.2% |
| Overload- | 0.0% |
| Planned Work- | 2.7% |
| Trees- | 3.2% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

| | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 38.68 |
| 10. 2013 SAIDI | 111.37 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.58 |
| 12. 2013 SAIFI | 2.13 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|---|--|-------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - 15 th St, Cedar St, Chestnut St, 18 th & 19 th St - NW of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 4.9 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 724 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 06/26/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 87.3% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 1.2% | |
| | Overload- | 0.0% | |
| | Planned Work- | 6.9% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 4.5% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 69.10 |
| 10. | 2013 SAIDI | | 54.15 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.76 |
| 12. | 2013 SAIFI | | 1.09 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 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 (TOWN-ROAD-GENERAL AREA) | 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 | 63 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 06/26/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 50.1% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 49.9% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 57.64 |
| 10. | 2013 SAIDI | | 24.11 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.18 |
| 12. | 2013 SAIFI | | 0.30 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|--|--------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - W Broadway, Dixie Hwy, & Dr W J Hodge St - SW of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 2.6 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 124 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 06/26/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 55.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.3% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 21.4% | |
| | Vehicle- | 23.3% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 42.83 |
| 10. | 2013 SAIDI | | 276.79 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.83 |
| 12. | 2013 SAIFI | | 2.83 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

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|--|--|
| 1. SUBSTATION NAME AND NUMBER | MAGAZINE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 646 S 13th St. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | MG1327 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Magazine St, Dr W J Hodge St, & 28 th St - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2775 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/26/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

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

- | | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 42.92 |
| 10. 2013 SAIDI | | 61.27 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.40 |
| 12. 2013 SAIFI | | 1.99 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Reliability Improvements Scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MAGAZINE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 646 S 13th St. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | MG1328 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - 15 th St, 13 th St, 12 th St, 11 th St & Kentucky St - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1378 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/26/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 5.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.1% |
| Trees- | 0.4% |
| Utility Equipment- | 94.5% |
| Vehicle- | 0.0% |

| | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 51.99 |
| 10. 2013 SAIDI | 94.63 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.71 |
| 12. 2013 SAIFI | 1.06 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|--|-------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - W Broadway, 9 th St, 8 th St, 7 th St, & 5 th St - SE of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 5.2 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 510 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 06/26/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 7.3% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 1.3% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.5% | |
| | Vehicle- | 91.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 35.62 |
| 10. | 2013 SAIDI | | 61.23 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.48 |
| 12. | 2013 SAIFI | | 0.47 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|---|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville - 3rd St Rd, Christland Rd, & Manslick Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 26.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2165 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/04/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 12.4% |
| Overload- | 0.0% |
| Planned Work- | 8.5% |
| Trees- | 18.7% |
| Utility Equipment- | 60.3% |
| Vehicle- | 0.0% |

- | | |
|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 45.53 |
| 10. 2013 SAIDI | 55.57 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.78 |
| 12. 2013 SAIFI | 0.39 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 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 (TOWN-ROAD-GENERAL AREA)** Louisville - Arnold Town Rd, Timber Hills Rd, & St Andrews Church Rd - NW of Sub
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 27.4
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 936
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 11/19/2013
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 1.7% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.1% |
| Overload- | 0.0% |
| Planned Work- | 19.4% |
| Trees- | 1.5% |
| Utility Equipment- | 1.5% |
| Vehicle- | 75.8% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 169.41
- 10. **2013 SAIDI** 130.96
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.88
- 12. **2013 SAIFI** 2.22

13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**
Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|---|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | MUD LANE | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 4900 Mud Ln. - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | ML1281 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Mud Ln, Brookley Dr, & Elda Dr - W of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 4.4 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 290 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 03/30/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 16.5% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 64.8% | |
| | Utility Equipment- | 18.7% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 11.11 |
| 10. | 2013 SAIDI | | 12.41 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.14 |
| 12. | 2013 SAIFI | | 0.09 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | MUD LANE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 4900 Mud Ln. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | ML1283 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Preston Hwy, Cooper Chapel Rd, & Charleswood Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 26.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1638 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/12/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 7.3% |
| Construction- | 0.0% |
| Lightning- | 1.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 10.9% |
| Overload- | 0.0% |
| Planned Work- | 3.9% |
| Trees- | 1.7% |
| Utility Equipment- | 74.4% |
| Vehicle- | 0.0% |

| | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 87.20 |
| 10. 2013 SAIDI | 19.26 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.24 |
| 12. 2013 SAIFI | 1.24 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MUD LANE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 4900 Mud Ln. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | ML1285 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Preston Hwy, Lees Ln, Rogers Ave, & Zoneton Rd - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 21.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1369 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/22/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 50.7% |
| Overload- | 0.0% |
| Planned Work- | 4.8% |
| Trees- | 34.5% |
| Utility Equipment- | 9.9% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 58.58

10. 2013 SAIDI 81.59

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.62

12. 2013 SAIFI 0.35

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** MUD LANE
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4900 Mud Ln. - Louisville
- 3. **CIRCUIT NAME AND NUMBER** ML1286
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Overdale Dr, Blossom Rd, Summers Dr, & Summit Dr - SW of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 26.5
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 2503
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 03/6/2010
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 12.6% |
| Construction- | 0.0% |
| Lightning- | 0.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.1% |
| Overload- | 0.0% |
| Planned Work- | 5.9% |
| Trees- | 78.5% |
| Utility Equipment- | 1.7% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 67.31
- 10. **2013 SAIDI** 59.83
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.06
- 12. **2013 SAIFI** 2.26

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

Tree trim scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | NACHAND |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 7201 Verona Way - Louisville |
| 3. CIRCUIT NAME AND NUMBER | NA1265 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Hunsinger Ln - NNE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 16.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1337 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/21/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 11.5% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 23.0% |
| Overload- | 0.0% |
| Planned Work- | 26.8% |
| Trees- | 1.4% |
| Utility Equipment- | 37.3% |
| Vehicle- | 0.0% |

| | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 91.21 |
| 10. 2013 SAIDI | | 34.20 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.54 |
| 12. 2013 SAIFI | | 0.63 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** NACHAND
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 7201 Verona Way - Louisville
- 3. **CIRCUIT NAME AND NUMBER** NA1266
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Six Mile Ln, Stony Brook Dr, & Hampton Ridge Ct - E of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 30.9
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 2553
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2013
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 2.2% |
| Construction- | 1.3% |
| Lightning- | 3.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 3.5% |
| Overload- | 0.0% |
| Planned Work- | 0.9% |
| Trees- | 12.4% |
| Utility Equipment- | 74.7% |
| Vehicle- | 1.9% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 71.01
- 10. **2013 SAIDI** 125.61
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.18
- 12. **2013 SAIFI** 2.28
- 13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|--|--------|
| 1. | SUBSTATION NAME AND NUMBER | NACHAND | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 7201 Verona Way - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | NA1268 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Breckenridge Ln, Manner Dale Dr, & Klondike Ln - NW of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 14.7 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1932 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 08/03/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 1.9% | |
| | Construction- | 0.2% | |
| | Lightning- | 10.2% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 27.2% | |
| | Overload- | 0.0% | |
| | Planned Work- | 1.7% | |
| | Trees- | 18.3% | |
| | Utility Equipment- | 38.1% | |
| | Vehicle- | 2.4% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 61.48 |
| 10. | 2013 SAIDI | | 124.28 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.66 |
| 12. | 2013 SAIFI | | 1.83 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|--|-------|
| 1. | SUBSTATION NAME AND NUMBER | NACHAND | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 7201 Verona Way - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | NA1271 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Nachand Ln, Watterson Trl, & Hurstbourne Pky - SE of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 19.0 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1546 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 08/03/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 2.7% | |
| | Construction- | 0.0% | |
| | Lightning- | 2.3% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 4.2% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 4.3% | |
| | Utility Equipment- | 5.5% | |
| | Vehicle- | 81.1% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 31.51 |
| 10. | 2013 SAIDI | | 86.61 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.37 |
| 12. | 2013 SAIFI | | 0.27 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|--|--------|
| 1. SUBSTATION NAME AND NUMBER | NACHAND | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 7201 Verona Way - Louisville | |
| 3. CIRCUIT NAME AND NUMBER | NA1272 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Six Mile Ln, Raintree Dr, & Stony Brook dr - NE of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 19.9 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1385 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/16/2013 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% |
| | Construction- | 90.7% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 0.0% |
| | Overload- | 0.0% |
| | Planned Work- | 3.3% |
| | Trees- | 0.0% |
| | Utility Equipment- | 6.0% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 42.85 |
| 10. 2013 SAIDI | | 172.84 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.44 |
| 12. 2013 SAIFI | | 0.87 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 | OR0002 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - E Ormsby Ave - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 127 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/27/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

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

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 2.66 |
| 10. 2013 SAIDI | 69.17 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.05 |
| 12. 2013 SAIFI | 0.28 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|--------|
| 1. | SUBSTATION NAME AND NUMBER | OXMOOR | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 8004 Shelbyville Rd - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | OX1273 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - Shelbyville Rd, Lyndon Rd, & Hurstbourne Club Ln - E of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 25.4 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1914 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 05/23/2012 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 5.7% | |
| | Non-Company- | 1.1% | |
| | Other/Unknown- | 6.9% | |
| | Overload- | 0.0% | |
| | Planned Work- | 1.4% | |
| | Trees- | 73.1% | |
| | Utility Equipment- | 11.9% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 96.30 |
| 10. | 2013 SAIDI | | 135.58 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.58 |
| 12. | 2013 SAIFI | | 2.47 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** OXMOOR
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 8004 Shelbyville Rd - Louisville
- 3. **CIRCUIT NAME AND NUMBER** OX1274
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville - Shelbyville Rd, Oxmoore Ln, Bramton Rd, & Sherburn Ln - W of Subst.
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 18.9
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 2245
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 05/07/2011

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.8% |
| Construction- | 6.8% |
| Lightning- | 11.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 2.5% |
| Overload- | 0.0% |
| Planned Work- | 5.1% |
| Trees- | 67.7% |
| Utility Equipment- | 5.9% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 122.18
- 10. **2013 SAIOI** 31.45
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.90
- 12. **2013 SAIFI** 2.19

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|---|--------|
| 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 (TOWN-ROAD-GENERAL AREA) | 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 | 547 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/15/2012 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 31.2% |
| | Overload- | 0.0% |
| | Planned Work- | 17.0% |
| | Trees- | 0.0% |
| | Utility Equipment- | 46.7% |
| | Vehicle- | 5.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 42.35 |
| 10. 2013 SAIDI | | 108.00 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.34 |
| 12. 2013 SAIFI | | 1.93 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | 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 | 571 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/3/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 7.2% |
| Overload- | 0.0% |
| Planned Work- | 35.9% |
| Trees- | 4.9% |
| Utility Equipment- | 6.5% |
| Vehicle- | 45.6% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 34.49 |
| 10. 2013 SAIDI | 41.72 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.24 |
| 12. 2013 SAIFI | 0.29 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | PLAINVIEW |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 9900 Shelbyville Rd - Louisville |
| 3. CIRCUIT NAME AND NUMBER | PV1250 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Shelbyville Rd – N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 34.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2931 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/22/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 5.1% |
| Construction- | 0.0% |
| Lightning- | 5.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.1% |
| Overload- | 0.0% |
| Planned Work- | 0.6% |
| Trees- | 76.8% |
| Utility Equipment- | 12.1% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 129.63 |
| 10. 2013 SAIDI | 17.37 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.04 |
| 12. 2013 SAIFI | 1.11 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|--|--------|
| 1. SUBSTATION NAME AND NUMBER | PLAINVIEW | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 9900 Shelbyville Rd - Louisville | |
| 3. CIRCUIT NAME AND NUMBER | PV1251 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Dorsey Way – N of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 20.3 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1403 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/07/2011 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.1% |
| | Construction- | 0.0% |
| | Lightning- | 73.1% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 0.9% |
| | Overload- | 0.0% |
| | Planned Work- | 4.7% |
| | Trees- | 12.6% |
| | Utility Equipment- | 8.6% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 75.91 |
| 10. 2013 SAIDI | | 135.68 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.59 |
| 12. 2013 SAIFI | | 1.42 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Reliability Improvements Completed in 2013

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|-----|--|---|
| 1. | SUBSTATION NAME AND NUMBER | PLAINVIEW |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 9900 Shelbyville Rd - Louisville |
| 3. | CIRCUIT NAME AND NUMBER | PV1253 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Shelbyville Rd – W of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 5.0 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 239 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 11/05/2011 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 67.3% |
| | Construction- | 0.0% |
| | Lightning- | 1.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 0.0% |
| | Overload- | 0.0% |
| | Planned Work- | 2.4% |
| | Trees- | 25.4% |
| | Utility Equipment- | 3.9% |
| | Vehicle- | 0.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 55.83 |
| 10. | 2013 SAIDI | 283.93 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.86 |
| 12. | 2013 SAIFI | 2.94 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | PLAINVIEW | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 9900 Shelbyville Rd - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | PV1254 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – S Hurstbourne Pky. – W of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 6.4 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 636 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 11/19/2011 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.2% | |
| | Construction- | 0.0% | |
| | Lightning- | 60.5% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 1.4% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 37.9% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 18.41 |
| 10. | 2013 SAIDI | | 55.39 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.56 |
| 12. | 2013 SAIFI | | 1.30 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|--------------|
| 1. | SUBSTATION NAME AND NUMBER | SEVENTH | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - S 7 th St - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | SE0004 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville - S 4 th St - N of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 1.8 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 550 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 3/9/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 27.3% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.6% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 72.1% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 19.81 |
| 10. | 2013 SAIDI | | 32.73 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.18 |
| 12. | 2013 SAIFI | | 0.12 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** SHIVELY
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3624 Elderwood Way - Louisville
- 3. **CIRCUIT NAME AND NUMBER** SH1283
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville – Crums Ln – S of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 0.8
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 8
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2013

- 8. **2013 OUTAGES BY CAUSE**
 - Animal- 0.0%
 - Construction- 0.0%
 - Lightning- 57.8%
 - Non-Company- 0.0%
 - Other/Unknown- 0.0%
 - Overload- 0.0%
 - Planned Work- 0.0%
 - Trees- 42.2%
 - Utility Equipment- 0.0%
 - Vehicle- 0.0%

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.70
- 10. **2013 SAIDI** 175.88
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.63
- 12. **2013 SAIFI** 0.75

13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**
Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville – Old Manslick Rd - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 9.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1284 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/16/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 29.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 4.3% |
| Overload- | 0.0% |
| Planned Work- | 0.2% |
| Trees- | 50.6% |
| Utility Equipment- | 10.7% |
| Vehicle- | 4.5% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 34.37

10. 2013 SAIDI 69.32

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.59

12. 2013 SAIFI 1.31

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** SHIVELY
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 3624 Elderwood Way - Louisville
- 3. **CIRCUIT NAME AND NUMBER** SH1457
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville – San Jose Ave – S of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 2.4
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 46
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2013

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 4.2% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 95.8% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 31.70

10. **2013 SAIDI** 279.38

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

12. **2013 SAIFI** 1.01

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|-----|---|--|
| 1. | SUBSTATION NAME AND NUMBER | SHIVELY |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 3624 Elderwood Way - Louisville |
| 3. | CIRCUIT NAME AND NUMBER | SH1459 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Blue Grass Ave & Taylor Blvd – SE of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 4.4 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 18 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 09/28/2013 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 0.0% |
| | Overload- | 0.0% |
| | Planned Work- | 0.0% |
| | Trees- | 46.4% |
| | Utility Equipment- | 53.6% |
| | Vehicle- | 0.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 43.26 |
| 10. | 2013 SAIDI | 141.00 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.31 |
| 12. | 2013 SAIFI | 1.00 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
| | Tree trimmed in 2013 | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** SEMINOLE
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4161 Park Blvd. - Louisville
- 3. **CIRCUIT NAME AND NUMBER** SM1232
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville – Tug Rd – S of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 12.0
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 1480
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 10/05/2013

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 27.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 4.0% |
| Overload- | 0.0% |
| Planned Work- | 21.9% |
| Trees- | 7.7% |
| Utility Equipment- | 38.5% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 72.57
- 10. **2013 SAIDI** 60.84
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.99
- 12. **2013 SAIFI** 1.14

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|--|--------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville – Whitley Ave – W of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.5 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2721 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/28/2013 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 11.1% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 67.9% |
| | Overload- | 0.0% |
| | Planned Work- | 1.0% |
| | Trees- | 14.1% |
| | Utility Equipment- | 6.0% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 44.05 |
| 10. 2013 SAIDI | | 245.96 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.95 |
| 12. 2013 SAIFI | | 1.76 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|--|-------|
| 1. SUBSTATION NAME AND NUMBER | SEMINOLE | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 4161 Park Blvd. - Louisville | |
| 3. CIRCUIT NAME AND NUMBER | SM1234 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – W Whitley Ave – W of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.6 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2288 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/22/2013 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 13.0% |
| | Construction- | 0.0% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 14.2% |
| | Overload- | 0.0% |
| | Planned Work- | 9.7% |
| | Trees- | 47.2% |
| | Utility Equipment- | 9.4% |
| | Vehicle- | 6.5% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 45.97 |
| 10. 2013 SAIDI | | 34.38 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.69 |
| 12. 2013 SAIFI | | 1.44 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | SEMINOLE | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 4161 Park Blvd. - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | SM1362 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Crittenden Dr. – S of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 2.9 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 19 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 06/22/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 100.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 22.80 |
| 10. | 2013 SAIDI | | 0.32 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.13 |
| 12. | 2013 SAIFI | | 0.16 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SEMINOLE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 4161 Park Blvd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | SM1394 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Park Blvd – N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/22/2013 |
| 8. 2013 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) | 93.60 |
| 10. 2013 SAIDI | 44.00 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.60 |
| 12. 2013 SAIFI | 1.00 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | SHAWNEE | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson – 3908 W Broadway - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | SN0003 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – S 4 th St – S of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 1.6 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 277 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 03/26/2011 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 14.6% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 77.2% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 8.2% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 33.74 |
| 10. | 2013 SAIDI | | 41.46 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.44 |
| 12. | 2013 SAIFI | | 0.34 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | SOUTHERN |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 1475 S 3rd Street - Louisville |
| 3. CIRCUIT NAME AND NUMBER | SO0405 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – W Ormsby Ave – E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 690 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/30/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 20.0% |
| Overload- | 8.1% |
| Planned Work- | 45.4% |
| Trees- | 20.9% |
| Utility Equipment- | 5.6% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 33.95

10. 2013 SAIDI 70.37

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.60

12. 2013 SAIFI 1.04

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville – S 4 th St – W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 695 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/30/2013 |

8. 2013 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- | 7.8% |
| Trees- | 0.0% |
| Utility Equipment- | 92.2% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 53.50 |
| 10. 2013 SAIDI | 26.26 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.36 |
| 12. 2013 SAIFI | 0.38 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville – S Brook St – E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 498 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/30/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 10.4% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 15.0% |
| Trees- | 63.5% |
| Utility Equipment- | 11.1% |
| Vehicle- | 0.0% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT S YEAR AVERAGE (SAIDI) | | 35.66 |
| 10. 2013 SAIDI | | 60.06 |
| 11. CIRCUIT S YEAR AVERAGE (SAIFI) | | 0.44 |
| 12. 2013 SAIFI | | 0.68 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville – S 3 rd St – W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 754 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/30/2013 |
| 8. 2013 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- | 8.4% |
| Trees- | 41.1% |
| Utility Equipment- | 50.5% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 31.52 |
| 10. 2013 SAIDI | 37.99 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.26 |
| 12. 2013 SAIFI | 0.33 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** SHEPHERDSDVILLE
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bullitt - 1706 4th St. - Shepherdsville
- 3. **CIRCUIT NAME AND NUMBER** SV1121
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Shepherdsville – W Bluelick Rd – E of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 8.9
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 801
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 06/04/2012
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 2.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 89.2% |
| Overload- | 0.0% |
| Planned Work- | 4.0% |
| Trees- | 4.5% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 33.59
- 10. **2013 SAIDI** 38.10
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.61
- 12. **2013 SAIFI** 1.07
- 13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|---|--------|
| 1. SUBSTATION NAME AND NUMBER | SHEPHERDSVILLE | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bullitt - 1706 4th St. - Shepherdsville | |
| 3. CIRCUIT NAME AND NUMBER | SV1122 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Shepherdsville – S Buckman St – E of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 16.0 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 962 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/09/2012 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.2% |
| | Construction- | 0.0% |
| | Lightning- | 20.4% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 2.9% |
| | Overload- | 0.0% |
| | Planned Work- | 4.1% |
| | Trees- | 63.4% |
| | Utility Equipment- | 5.3% |
| | Vehicle- | 3.8% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 85.53 |
| 10. 2013 SAIDI | | 185.04 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.54 |
| 12. 2013 SAIFI | | 1.24 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|-----|--|---|
| 1. | SUBSTATION NAME AND NUMBER | STEWART |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 4701 Stewart Ln. - Louisville |
| 3. | CIRCUIT NAME AND NUMBER | SW1184 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Romania Dr – S of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 14.8 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1226 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 12/31/2009 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 36.2% |
| | Construction- | 0.0% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 2.3% |
| | Overload- | 0.0% |
| | Planned Work- | 2.0% |
| | Trees- | 13.2% |
| | Utility Equipment- | 1.7% |
| | Vehicle- | 44.6% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 163.23 |
| 10. | 2013 SAIDI | 273.74 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.60 |
| 12. | 2013 SAIFI | 1.16 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|--|--------|
| 1. SUBSTATION NAME AND NUMBER | STEWART | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 4701 Stewart Ln. - Louisville | |
| 3. CIRCUIT NAME AND NUMBER | SW1187 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – San Jose Ave –N of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.2 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1533 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/25/2009 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.4% |
| | Construction- | 0.0% |
| | Lightning- | 0.7% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 71.9% |
| | Overload- | 0.0% |
| | Planned Work- | 4.3% |
| | Trees- | 10.5% |
| | Utility Equipment- | 10.1% |
| | Vehicle- | 2.1% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 72.60 |
| 10. 2013 SAIDI | | 114.70 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.80 |
| 12. 2013 SAIFI | | 1.23 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|--|--------|
| 1. | SUBSTATION NAME AND NUMBER | STEWART | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 4701 Stewart Ln. - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | SW1188 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Rockford Ln – W of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 14.1 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1887 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 09/25/2009 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 1.8% | |
| | Construction- | 0.0% | |
| | Lightning- | 6.7% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 21.3% | |
| | Overload- | 0.0% | |
| | Planned Work- | 4.3% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.2% | |
| | Vehicle- | 65.6% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 95.12 |
| 10. | 2013 SAIDI | | 134.71 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.84 |
| 12. | 2013 SAIFI | | 1.13 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | STEWART |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 4701 Stewart Ln. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | SW1190 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Upper Hunters Trace –W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1587 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/31/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 1.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 10.8% |
| Overload- | 0.0% |
| Planned Work- | 1.2% |
| Trees- | 45.4% |
| Utility Equipment- | 22.5% |
| Vehicle- | 18.5% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 54.51

10. 2013 SAIDI 167.28

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.94

12. 2013 SAIFI 3.37

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

Tree trim scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | SMYRNA |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 7000 Manslick Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | SY1250 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Vaughn Mill Rd – N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 26.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1865 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/25/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 47.1% |
| Overload- | 0.0% |
| Planned Work- | 0.7% |
| Trees- | 47.0% |
| Utility Equipment- | 5.2% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 91.86 |
| 10. 2013 SAIDI | 100.84 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.42 |
| 12. 2013 SAIFI | 4.01 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Tree trim scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|---|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville –Vaughn Mill Rd & Outer Loop – N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 17.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1197 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/26/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 51.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 39.9% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 7.6% |
| Utility Equipment- | 1.0% |
| Vehicle- | 0.2% |

| | |
|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 112.18 |
| 10. 2013 SAIDI | 124.33 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.22 |
| 12. 2013 SAIFI | 1.24 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
| Continue to monitor | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | TAYLOR |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 4488 Brownsboro Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | TA1106 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Blankenbaker Ln – NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 40.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1237 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/08/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 2.7% |
| Construction- | 0.0% |
| Lightning- | 13.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 31.9% |
| Overload- | 0.0% |
| Planned Work- | 6.8% |
| Trees- | 38.0% |
| Utility Equipment- | 7.3% |
| Vehicle- | 0.2% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 361.91 |
| 10. 2013 SAIDI | 321.58 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 2.85 |
| 12. 2013 SAIFI | 3.32 |

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

Reliability Improvements Completed in 2013

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|---|--|
| 1. SUBSTATION NAME AND NUMBER | TAYLOR |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 4488 Brownsboro Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | TA1133 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – US HWY 42 – N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 31.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1078 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/22/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 1.8% |
| Construction- | 0.2% |
| Lightning- | 35.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 14.5% |
| Overload- | 0.0% |
| Planned Work- | 5.5% |
| Trees- | 37.4% |
| Utility Equipment- | 5.1% |
| Vehicle- | 0.0% |

| | |
|--|---------------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 198.55 |
| 10. 2013 SAIDI | 143.05 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.41 |
| 12. 2013 SAIFI | 1.46 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Reliability Improvements Scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville – Brownsboro Rd – W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 11.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 566 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/30/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.9% |
| Construction- | 0.3% |
| Lightning- | 5.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 6.7% |
| Overload- | 0.0% |
| Planned Work- | 8.2% |
| Trees- | 71.4% |
| Utility Equipment- | 6.8% |
| Vehicle- | 0.0% |

| | | |
|-----------------------------------|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 122.28 |
|-----------------------------------|--|--------|

| | | |
|----------------|--|--------|
| 10. 2013 SAIDI | | 260.67 |
|----------------|--|--------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.84 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 1.26 |
|----------------|--|------|

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

Tree trim scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|---|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville –US Hwy 42 –SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 9.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1110 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/19/2011 |

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 58.2% |
| Construction- | 0.0% |
| Lightning- | 0.4% |
| Non-Company- | 0.1% |
| Other/Unknown- | 16.2% |
| Overload- | 0.0% |
| Planned Work- | 0.9% |
| Trees- | 21.6% |
| Utility Equipment- | 2.6% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 134.55 |
| 10. 2013 SAIDI | 231.99 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.80 |
| 12. 2013 SAIFI | 0.76 |

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

Reliability Improvements Scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** TAYLOR
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 4488 Brownsboro Rd. - Louisville
- 3. **CIRCUIT NAME AND NUMBER** TA1173
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville – Stone Haven Ct –S of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 24.4
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 1919
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 05/31/2012

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.5% |
| Construction- | 0.0% |
| Lightning- | 32.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.7% |
| Overload- | 0.0% |
| Planned Work- | 0.4% |
| Trees- | 53.7% |
| Utility Equipment- | 11.8% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 67.06
- 10. **2013 SAIDI** 100.91
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.74
- 12. **2013 SAIFI** 1.26

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville – W Pages Ln – E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 873 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/05/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 13.5% |
| Construction- | 0.0% |
| Lightning- | 5.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.9% |
| Overload- | 0.0% |
| Planned Work- | 23.8% |
| Trees- | 45.2% |
| Utility Equipment- | 10.1% |
| Vehicle- | 0.2% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 25.83 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 64.52 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.24 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.71 |
|----------------|------|

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville – Johnstontown Rd – E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 17.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1664 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/14/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 5.6% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 13.9% |
| Overload- | 0.0% |
| Planned Work- | 8.3% |
| Trees- | 0.0% |
| Utility Equipment- | 72.0% |
| Vehicle- | 0.2% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 85.31 |
| 10. 2013 SAIDI | 115.61 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.19 |
| 12. 2013 SAIFI | 1.47 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Reliability Improvements Scheduled for 2014

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | TERRY | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 8408 Terry Ln. - Louisville | |
| 3. | CIRCUIT NAME AND NUMBER | TE1247 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Winstead Dr- W of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 6.8 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 155 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 12/28/2012 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 5.9% | |
| | Other/Unknown- | 86.4% | |
| | Overload- | 0.0% | |
| | Planned Work- | 7.8% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 27.70 |
| 10. | 2013 SAIDI | | 54.66 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.38 |
| 12. | 2013 SAIFI | | 0.23 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|---|-------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville – Greenbelt Hwy – NW of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 10.6 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 606 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/28/2012 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 35.4% |
| | Construction- | 0.0% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 0.0% |
| | Overload- | 0.0% |
| | Planned Work- | 51.1% |
| | Trees- | 7.9% |
| | Utility Equipment- | 3.8% |
| | Vehicle- | 1.8% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 58.16 |
| 10. 2013 SAIDI | | 46.91 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.31 |
| 12. 2013 SAIFI | | 0.51 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | VERMONT |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson – 529 Southwestern Pky - Louisville |
| 3. CIRCUIT NAME AND NUMBER | VE0001 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Southwestern Pky – NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 254 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/26/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 34.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 17.2% |
| Trees- | 41.3% |
| Utility Equipment- | 7.1% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 33.45 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 273.95 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.28 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.98 |
|----------------|------|

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | VERMONT |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson – 529 Southwestern Pky – Louisville |
| 3. CIRCUIT NAME AND NUMBER | VE0003 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Southwestern Pky- S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 267 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/26/2011 |
| 8. 2013 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- | 16.6% |
| Trees- | 0.0% |
| Utility Equipment- | 80.5% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 160.89 |
| 10. 2013 SAIDI | 129.60 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.73 |
| 12. 2013 SAIFI | 3.12 |

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** WESTERN
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson – 2807 W Broadway - Louisville
- 3. **CIRCUIT NAME AND NUMBER** WE0003
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville – Garland Ave – SE of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 4.0
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 641
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 12/04/2010

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 12.1% |
| Trees- | 2.9% |
| Utility Equipment- | 85.0% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 26.04
- 10. **2013 SAIDI** 35.14
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.24
- 12. **2013 SAIFI** 1.17

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|--|-------|
| 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 (TOWN-ROAD-GENERAL AREA) | Louisville – River Park Dr – E of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.4 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 280 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/04/2010 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 23.9% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 48.5% |
| | Overload- | 0.0% |
| | Planned Work- | 4.2% |
| | Trees- | 23.4% |
| | Utility Equipment- | 0.0% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 26.68 |
| 10. 2013 SAIDI | | 88.45 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.21 |
| 12. 2013 SAIFI | | 0.39 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | WORTHINGTON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 10300 Ballardsville Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | WO1180 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Brownsboro Rd – W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 155 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/20/2013 |

8. 2013 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) 1.15

10. 2013 SAIDI 97.86

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.00

12. 2013 SAIFI 2.00

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | WORTHINGTON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 10300 Ballardsville Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | WO1183 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Ballardsville Rd – E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 34.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1803 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/8/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 88.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.1% |
| Trees- | 0.0% |
| Utility Equipment- | 11.2% |
| Vehicle- | 0.1% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 32.95

10. 2013 SAIDI 44.51

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.21

12. 2013 SAIFI 0.29

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | WORTHINGTON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 10300 Ballardsville Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | WO1184 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville –Brownsboro Rd –N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 29.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2604 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/22/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.6% |
| Construction- | 0.0% |
| Lightning- | 24.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 11.4% |
| Overload- | 0.0% |
| Planned Work- | 6.3% |
| Trees- | 0.0% |
| Utility Equipment- | 57.7% |
| Vehicle- | 0.0% |

| | | |
|-----------------------------------|--|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 4.13 |
|-----------------------------------|--|------|

| | | |
|----------------|--|------|
| 10. 2013 SAIDI | | 9.61 |
|----------------|--|------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.04 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 0.05 |
|----------------|--|------|

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|---|--|
| 1. SUBSTATION NAME AND NUMBER | WATERSIDE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 221 North Third St. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | WS1306 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – W Main St – S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 50 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | Underground |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 2.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 45.9% |
| Overload- | 0.0% |
| Planned Work- | 9.4% |
| Trees- | 0.0% |
| Utility Equipment- | 42.4% |
| Vehicle- | 0.0% |

- | | |
|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 133.72 |
| 10. 2013 SAIDI | 187.32 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.66 |
| 12. 2013 SAIFI | 0.78 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | | |
|---|--|--------|
| 1. SUBSTATION NAME AND NUMBER | WATERSIDE | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 221 North Third St. - Louisville | |
| 3. CIRCUIT NAME AND NUMBER | WS1308 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – S 1 st St. – S of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.9 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 4 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | Underground | |
| 8. 2013 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) | | 25.84 |
| 10. 2013 SAIDI | | 53.75 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.52 |
| 12. 2013 SAIFI | | 1.00 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** WATTERSON
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jefferson - 5239 Bardstown Rd. - Louisville
- 3. **CIRCUIT NAME AND NUMBER** WT1152
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Louisville – Bardstown Rd – SE of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 26.1
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 2274
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2013
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|--------|
| Animal- | 0.4% |
| Construction- | 0.0% |
| Lightning- | 33.69% |
| Non-Company- | 0.0% |
| Other/Unknown- | 19.9% |
| Overload- | 0.0% |
| Planned Work- | 0.5% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 45.5% |

9. **CIRCUIT S YEAR AVERAGE (SAIDI)** 106.84

10. **2013 SAIDI** 314.84

11. **CIRCUIT S YEAR AVERAGE (SAIFI)** 1.19

12. **2013 SAIFI** 1.76

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

Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | WATTERSON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 5239 Bardstown Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | WT1153 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Bardstown Rd – W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 19.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1115 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/05/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|--------|
| Animal- | 4.6% |
| Construction- | 0.0% |
| Lightning- | 16.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.8% |
| Overload- | 0.0% |
| Planned Work- | 0.7% |
| Trees- | 48.9% |
| Utility Equipment- | 24.65% |
| Vehicle- | 4.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 50.50

10. 2013 SAIDI 158.60

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.35

12. 2013 SAIFI 0.55

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

Tree trimmed in 2013

**Louisville Gas and Electric Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | WATTERSON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 5239 Bardstown Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | WT1210 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Hudson Ln – E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 22.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1861 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/16/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 12.0% |
| Lightning- | 55.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 24.0% |
| Overload- | 0.0% |
| Planned Work- | 1.3% |
| Trees- | 0.5% |
| Utility Equipment- | 0.0% |
| Vehicle- | 6.3% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 141.1 |
| 10. 2013 SAIDI | | 34.97 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 2.07 |
| 12. 2013 SAIFI | | 2.16 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Louisville Gas and Electric Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | WATTERSON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jefferson - 5239 Bardstown Rd. - Louisville |
| 3. CIRCUIT NAME AND NUMBER | WT1212 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Louisville – Bill Town Rd – E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 24.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1444 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/26/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 21.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 32.3% |
| Overload- | 0.0% |
| Planned Work- | 5.8% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 41.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 53.76 |
| 10. 2013 SAIDI | 22.94 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.41 |
| 12. 2013 SAIFI | 1.28 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

KENTUCKY PUBLIC SERVICE COMMISSION
ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

SECTION 6: VEGITATION 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, system performance as measured by system SAIDI, SAIFI, and CAIDI.

Effectiveness of the program

KU/LG&E Tree Cycle – 4.88 years
LGE Tree SAIDI – 8.7 minutes
LGE Tree SAIFI -0.06
LGE Tree CAIDI – 145 minutes

The hazard tree program, mid cycle, herbicide, and worst performing circuits were completed as planned. Tree related SAIDI, SAIFI and CAIDI improved in 2013 compared to 2012.

Adjustments made to the tree plan in 2013 included

No changes made to plan.

Changes to be implemented in 2014

No changes made to plan. Continue to focus on hazard tree removal program.

SECTION 7: UTILITY COMMENTS

SAIDI, SAIFI and CAIDI all improved in 2013 compared to 2012. 209 Circuits were above their previous 5 year average SAIDI and/or SAIFI in 2013.

KENTUCKY PUBLIC SERVICE COMMISSION
ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

SECTION 1: CONTACT INFORMATION

| | |
|----------------------------|---------------------------------------|
| UTILITY NAME | KENTUCKY UTILITIES COMPANY |
| REPORT PREPARED BY | Nelson Maynard (Director Reliability) |
| E-MAIL ADDRESS OF PREPARER | nelson.maynard@lge-ku.com |
| PHONE NUMBER OF PREPARER | (859) 367-1107 |

SECTION 2: REPORTING YEAR

| | |
|----------------------------|------|
| CALENDAR YEAR OF REPORTING | 2013 |
|----------------------------|------|

SECTION 3: MAJOR EVENT DAYS (MED)

| | |
|---|------------|
| T _{MED} | 6.970 |
| FIRST DATE USED TO DETERMINE T _{MED} | 1/1/2008 |
| LAST DATE USED TO DETERMINE T _{MED} | 12/31/2012 |
| NUMBER OF MED IN REPORTING YEAR | 2 |

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 | 520,290 | TOTAL CIRCUITS | 995 |
|-----------------|---------|----------------|-----|

Excluding MED

| 5 YEAR AVERAGE | | REPORTING YEAR | |
|----------------|--------|----------------|-------|
| SAIDI | 92.175 | SAIDI | 82.79 |
| SAIFI | 0.894 | SAIFI | 0.752 |

Including MED

| 5 YEAR AVERAGE | | REPORTING YEAR | |
|----------------|--------|----------------|-------|
| SAIDI | 716.71 | SAIDI | 94.45 |
| SAIFI | 1.22 | SAIFI | 0.795 |

Notes:

- 1) All duration indices (SAIDI, CAIDI) are to be reported in units of minutes.
 - 2) Reports are due on the first business day of April 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, CAIDI, and T_{MED}
-

SECTION 5: CIRCUIT REPORTING

BEGIN ON NEXT PAGE

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|-----------|--|---|
| 1. | SUBSTATION NAME AND NUMBER | LEXINGTON PLANT |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 745 N Limestone - Lexington |
| 3. | CIRCUIT NAME AND NUMBER | 0003 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - N. Upper St. and 6th St. - W of Station |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 3.6 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 520 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 08/09/2009 |

| | | |
|-----------|------------------------------|-------|
| 8. | 2013 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- | 6.9% |
| | Trees- | 0.0% |
| | Utility Equipment- | 5.6% |
| | Vehicle- | 87.4% |

| | | |
|------------|---------------------------------------|--------------|
| 9. | CIRCUIT S YEAR AVERAGE (SAIDI) | 10.39 |
| 10. | 2013 SAIDI | 30.31 |
| 11. | CIRCUIT S YEAR AVERAGE (SAIFI) | 0.09 |
| 12. | 2013 SAIFI | 0.11 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | AMERICAN AVENUE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 96 Burley Ave. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0008 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - University Dr. - University of Kentucky Campus |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 329 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/10/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.6% |
| Overload- | 0.0% |
| Planned Work- | 6.1% |
| Trees- | 0.0% |
| Utility Equipment- | 0.1% |
| Vehicle- | 93.3% |

| | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 26.41 |
| 10. 2013 SAIDI | 81.15 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.15 |
| 12. 2013 SAIFI | 0.62 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | BUCHANAN |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 108 Buchanan St. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0010 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Manchester St. - S of Station |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 328 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/28/2013 |

8. 2013 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- | 27.4% |
| Trees- | 11.6% |
| Utility Equipment- | 61.0% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 20.89 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 73.43 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.37 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.21 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | RACE STREET 4KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 420 Corral St - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0014 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Race St. and E Third St. and Chestnut Street - N of Station |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 897 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/31/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.3% |
| Lightning- | 0.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 19.9% |
| Overload- | 58.6% |
| Planned Work- | 10.7% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 10.4% |

| | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 30.96 |
| 10. 2013 SAIDI | 59.58 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.41 |
| 12. 2013 SAIFI | 0.68 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | RACE STREET 4KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 420 Corral St - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0015 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Coral St & Forrest Ave. - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 511 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/15/2013 |
| 8. 2013 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- | 97.6% |
| Utility Equipment- | 2.4% |
| Vehicle- | 0.0% |

| | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 15.12 |
| 10. 2013 SAIDI | | 50.79 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.28 |
| 12. 2013 SAIFI | | 0.15 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | LEXINGTON WATER COMPANY 4KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2300 Richmond Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0016 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Fontaine Rd - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 696 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/10/2011 |
| 8. 2013 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- | 3.6% |
| Trees- | 96.4% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 75.51 |
| 10. 2013 SAIDI | 109.62 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.69 |
| 12. 2013 SAIFI | 0.30 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SCOTT STREET |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 301 Scott St. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0018 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Limestone St. - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 731 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/20/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 86.8% |
| Trees- | 0.0% |
| Utility Equipment- | 13.2% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 2.07 |
|-----------------------------------|------|

| | |
|----------------|------|
| 10. 2013 SAIDI | 9.14 |
|----------------|------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.04 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.06 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | KUNKEL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2000 Versailles Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0019 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Versailles Rd. - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 178 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/03/2011 |

8. 2013 OUTAGES BY CAUSE

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

| | | |
|-----------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 14.18 |
|-----------------------------------|--|-------|

| | | |
|----------------|--|-------|
| 10. 2013 SAIDI | | 21.59 |
|----------------|--|-------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.14 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 0.12 |
|----------------|--|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | VINE STREET 4KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 112 E Vine St. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0022 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Limestone, Church & Upper St. - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 73 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/28/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

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

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 0.55 |
| 10. 2013 SAIDI | 95.01 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.01 |
| 12. 2013 SAIFI | 0.93 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | JOYLAND |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2375 Paris Pike - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0025 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Beverly Ave. & Bryan Station Rd. - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 27.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1692 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/29/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 16.4% |
| Construction- | 0.0% |
| Lightning- | 41.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 17.0% |
| Overload- | 0.0% |
| Planned Work- | 0.9% |
| Trees- | 5.5% |
| Utility Equipment- | 18.4% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 26.67 |
| 10. 2013 SAIDI | 84.04 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.24 |
| 12. 2013 SAIFI | 0.65 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | KUNKEL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2000 Versailles Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0026 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Duntreath Dr. & Pine Mt. Rd. - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 575 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/02/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 73.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 2.3% |
| Overload- | 0.0% |
| Planned Work- | 4.3% |
| Trees- | 0.0% |
| Utility Equipment- | 20.0% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 14.53 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 21.47 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.10 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.16 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MOUNT TABOR |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 248 Old Mt. Tabor Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0027 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Tates Creek Rd. & Raintree Rd. - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 191 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/14/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 2.4% |
| Overload- | 0.0% |
| Planned Work- | 1.1% |
| Trees- | 94.8% |
| Utility Equipment- | 1.6% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 112.74 |
| 10. 2013 SAIDI | 178.33 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.50 |
| 12. 2013 SAIFI | 1.17 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Tree trim scheduled for 2014

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | RACE STREET 4KV | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 420 Corral St - Lexington | |
| 3. | CIRCUIT NAME AND NUMBER | 0030 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Midland Ave. & Winchester Rd. - E of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 4.8 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 781 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 06/15/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 11.7% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 1.6% | |
| | Overload- | 1.1% | |
| | Planned Work- | 1.5% | |
| | Trees- | 71.8% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 12.4% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 48.38 |
| 10. | 2013 SAIDI | | 54.02 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.55 |
| 12. | 2013 SAIFI | | 0.21 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | G E LAMP WORKS |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 1809 Edison Dr. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0032 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Edison Dr. - Rosemont Garden |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 284 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/05/2012 |
| 8. 2013 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- | 13.7% |
| Trees- | 5.9% |
| Utility Equipment- | 0.0% |
| Vehicle- | 80.5% |

| | |
|---|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 4.64 |
| 10. 2013 SAIDI | 9.81 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.07 |
| 12. 2013 SAIFI | 0.09 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | BELT LINE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 1090 W. New Circle Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0036 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Georgetown St. & Briarwood Dr. - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 564 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/05/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 2.4% |
| Construction- | 0.0% |
| Lightning- | 86.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 10.6% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.4% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 27.39 |
| 10. 2013 SAIDI | 79.85 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.25 |
| 12. 2013 SAIFI | 0.45 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | HUGHES LANE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 251 Hughes Ln. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0037 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Mir Station Rd. & US 27 - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 135.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1055 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/08/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.0% |
| Lightning- | 1.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.6% |
| Overload- | 0.0% |
| Planned Work- | 13.0% |
| Trees- | 77.9% |
| Utility Equipment- | 6.7% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 156.99 |
| 10. 2013 SAIDI | 273.43 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.33 |
| 12. 2013 SAIFI | 0.72 |

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

RELIABILITY IMPROVEMENTS COMPLETED IN 2013

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | LANSDOWNE SWITCHING |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 3200 Montavesta Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0038 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Tates Creek Rd. - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1576 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/18/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 18.2% |
| Construction- | 0.0% |
| Lightning- | 76.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 3.4% |
| Utility Equipment- | 1.5% |
| Vehicle- | 0.0% |

| | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 32.27 |
| 10. 2013 SAIDI | 30.76 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.38 |
| 12. 2013 SAIFI | 1.12 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | LEXINGTON WATER COMPANY 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2300 Richmond Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0039 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - St. Phillip Dr. & Richmond Rd. - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2013 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/03/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 8.4% |
| Construction- | 0.0% |
| Lightning- | 27.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 7.5% |
| Overload- | 0.0% |
| Planned Work- | 2.4% |
| Trees- | 45.9% |
| Utility Equipment- | 7.9% |
| Vehicle- | 0.0% |

| | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 16.56 |
| 10. 2013 SAIDI | 29.01 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.12 |
| 12. 2013 SAIFI | 0.24 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | VILEY ROAD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 308 Alexandria St. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0041 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Leestown Rd. & Adams Ln. - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 61.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1288 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/01/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 37.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.3% |
| Overload- | 0.0% |
| Planned Work- | 0.2% |
| Trees- | 61.5% |
| Utility Equipment- | 0.6% |
| Vehicle- | 0.1% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 49.83 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 236.64 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.36 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.56 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | LIBERTY ROAD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2125 Liberty Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0042 |
| 4. CIRCUIT LOCATIDN (TOWN-ROAD-GENERAL AREA) | Lexington - Codell Dr. & Plumbo Dr. - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 12.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1738 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/21/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 2.8% |
| Construction- | 0.0% |
| Lightning- | 1.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.2% |
| Overload- | 0.1% |
| Planned Work- | 0.0% |
| Trees- | 90.4% |
| Utility Equipment- | 3.0% |
| Vehicle- | 2.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 19.82 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 121.30 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.15 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.09 |
|----------------|------|

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

Trees trimmed in 2013

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | REYNOLDS |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 200 W. Reynold Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0044 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Nicholasville Rd . - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1631 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/10/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.0% |
| Lightning- | 28.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 14.5% |
| Overload- | 0.0% |
| Planned Work- | 0.4% |
| Trees- | 56.8% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 42.70 |
| 10. 2013 SAIDI | 285.60 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.70 |
| 12. 2013 SAIFI | 3.11 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Trees trimmed in 2013

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|--------|
| 1. | SUBSTATION NAME AND NUMBER | HALEY | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 5481 Winchester Rd - Lexington | |
| 3. | CIRCUIT NAME AND NUMBER | 0045 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Winchester & Cleveland Rd - W of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 87.6 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1008 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 02/04/2012 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.4% | |
| | Construction- | 0.0% | |
| | Lightning- | 3.8% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.7% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.9% | |
| | Trees- | 46.1% | |
| | Utility Equipment- | 48.1% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 161.25 |
| 10. | 2013 SAIDI | | 336.69 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.85 |
| 12. | 2013 SAIFI | | 0.94 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | JOYLAND |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2375 Paris Pike - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0047 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - US 27 & 68 - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 17.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 234 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/04/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 5.8% |
| Construction- | 0.0% |
| Lightning- | 18.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 6.3% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 69.2% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 67.80 |
| 10. 2013 SAIDI | 55.57 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.67 |
| 12. 2013 SAIFI | 2.15 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | ASHLAND AVENUE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 448 S Ashland Ave. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0048 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Tates Creek Rd. - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 533 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/23/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.9% |
| Overload- | 0.0% |
| Planned Work- | 4.8% |
| Trees- | 86.2% |
| Utility Equipment- | 4.8% |
| Vehicle- | 3.4% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 35.96 |
| 10. 2013 SAIDI | | 72.90 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.45 |
| 12. 2013 SAIFI | | 0.28 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | PARKERS MILL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2085 Parkers Mill Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0051 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - New Circle Rd & Viley Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1143 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/19/2009 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 3.6% |
| Construction- | 0.0% |
| Lightning- | 1.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.4% |
| Overload- | 0.0% |
| Planned Work- | 2.3% |
| Trees- | 86.8% |
| Utility Equipment- | 4.1% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 110.71 |
|-----------------------------------|--------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 145.04 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.95 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.20 |
|----------------|------|

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

Tree trim scheduled for 2014

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|----|---|---|
| 1. | SUBSTATION NAME AND NUMBER | AMERICAN AVENUE |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 96 Burley Ave. - Lexington |
| 3. | CIRCUIT NAME AND NUMBER | 0052 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Waller Ave. & St. Joseph Dr. - SE of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 1.8 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 450 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 12/12/2010 |
| 8. | 2013 OUTAGES BY CAUSE | |

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

| | | |
|-----|--------------------------------|------|
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 1.63 |
| 10. | 2013 SAIDI | 0.80 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.01 |
| 12. | 2013 SAIFI | 0.01 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | REYNOLDS |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 200 W. Reynold Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0053 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - New Circle Rd. - West of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 97 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/10/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 14.9% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 34.5% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 47.1% |
| Utility Equipment- | 3.5% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 38.58 |
| 10. 2013 SAIDI | 118.88 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.62 |
| 12. 2013 SAIFI | 2.87 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | HAEFLING |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 1555 Baunmann Dr - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0055 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Fairman Rd & Leestown Rd - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 16.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1202 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/16/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 1.2% |
| Other/Unknown- | 25.6% |
| Overload- | 0.0% |
| Planned Work- | 0.9% |
| Trees- | 68.8% |
| Utility Equipment- | 3.4% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 26.12 |
| 10. 2013 SAIDI | 158.37 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.66 |
| 12. 2013 SAIFI | 1.75 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | REYNOLDS |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 200 W. Reynold Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0056 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Lochness Dr. & New Circle Rd. - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 9.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1552 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/25/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.2% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.5% |
| Overload- | 0.0% |
| Planned Work- | 5.0% |
| Trees- | 93.3% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 6.03 |
|-----------------------------------|------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 46.88 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.06 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.16 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | HAEFLING |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 1555 Baunmann Dr - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0060 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Mercer Rd - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 9.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 314 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/30/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.0% |
| Lightning- | 98.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.1% |
| Overload- | 0.0% |
| Planned Work- | 0.4% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

| | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 26.83 |
| 10. 2013 SAIDI | | 81.77 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.36 |
| 12. 2013 SAIFI | | 1.08 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | PICADOME 4KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 1620 Harrodsburg Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0061 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Harrodsburg Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 13 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/07/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

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

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 0.00 |
| 10. 2013 SAIDI | 16.23 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.00 |
| 12. 2013 SAIFI | 0.08 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | PICADOME 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 1620 Harrodsburg Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0062 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Mason Headley Rd - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 292 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/20/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.3% |
| Construction- | 0.0% |
| Lightning- | 63.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 34.5% |
| Utility Equipment- | 1.1% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 28.91 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 184.62 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.27 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 2.00 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** PROCTOR & GAMBLE
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 120 Zesta Pl - Lexington
- 3. **CIRCUIT NAME AND NUMBER** 0068
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Lexington - Delaware Rd - SE of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 384
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 05/29/2010
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 35.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 14.2% |
| Overload- | 0.0% |
| Planned Work- | 5.3% |
| Trees- | 3.0% |
| Utility Equipment- | 42.3% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 4.75
- 10. **2013 SAIDI** 69.54
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.05
- 12. **2013 SAIFI** 0.21
- 13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|---|---|
| 1. SUBSTATION NAME AND NUMBER | REYNOLDS |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 200 W. Reynold Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0069 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Lowry Ln. & Nicholasville Rd. - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 10.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1037 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/19/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.6% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.3% |
| Overload- | 0.0% |
| Planned Work- | 1.5% |
| Trees- | 96.6% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 34.00 |
| 10. 2013 SAIDI | 56.10 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.44 |
| 12. 2013 SAIFI | 1.05 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|---|--|
| 1. SUBSTATION NAME AND NUMBER | WILSON DOWNING |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 680 Wilson Downing Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0072 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Tates Creek Rd & Trent Blvd - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1447 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/03/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 0.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.2% |
| Trees- | 91.4% |
| Utility Equipment- | 8.1% |
| Vehicle- | 0.0% |

- | | |
|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 31.50 |
| 10. 2013 SAIDI | 232.10 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.40 |
| 12. 2013 SAIFI | 1.03 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Tree trim scheduled for 2014

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|--|-------|
| 1. | SUBSTATION NAME AND NUMBER | PARKERS MILL | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2085 Parkers Mill Rd - Lexington | |
| 3. | CIRCUIT NAME AND NUMBER | 0074 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - New Circle Rd - SE of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 10.4 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1344 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 09/19/2009 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 2.6% | |
| | Construction- | 0.0% | |
| | Lightning- | 70.4% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 10.8% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 0.6% | |
| | Utility Equipment- | 15.6% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 35.81 |
| 10. | 2013 SAIDI | | 40.06 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.56 |
| 12. | 2013 SAIFI | | 0.28 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | TRAFTON AVENUE 4KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 141 Trafton St - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0078 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Versailles Rd - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 508 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/05/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 4.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 22.0% |
| Trees- | 73.8% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 4.24 |
| 10. 2013 SAIDI | 9.64 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.06 |
| 12. 2013 SAIFI | 0.07 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | PICADOME 4KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 1620 Harrodsburg Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0080 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Lafayette Pky - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 475 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/07/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 6.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.3% |
| Overload- | 0.0% |
| Planned Work- | 26.3% |
| Trees- | 66.2% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 19.88 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 131.78 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.20 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.57 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | WILSON DOWNING |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 680 Wilson Downing Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0081 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Tates Creek Rd & Armstrong Mill Rd - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 17.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2180 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/06/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 0.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.1% |
| Overload- | 0.0% |
| Planned Work- | 0.5% |
| Trees- | 68.2% |
| Utility Equipment- | 30.7% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 154.15 |
| 10. 2013 SAIDI | 197.16 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 2.07 |
| 12. 2013 SAIFI | 1.06 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Tree trim scheduled for 2014

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | SPINDLETOP |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2500 Research Park Dr - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0082 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Berea Rd - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 103 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/09/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 49.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 16.2% |
| Overload- | 0.0% |
| Planned Work- | 0.7% |
| Trees- | 16.9% |
| Utility Equipment- | 17.2% |
| Vehicle- | 0.0% |

| | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 119.24 |
| 10. 2013 SAIDI | 85.05 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.27 |
| 12. 2013 SAIFI | 1.60 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|---|---|
| 1. SUBSTATION NAME AND NUMBER | PARKERS MILL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2085 Parkers Mill Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0083 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Versailles Rd - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 43.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 524 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/30/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.9% |
| Construction- | 0.4% |
| Lightning- | 25.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 5.8% |
| Overload- | 0.0% |
| Planned Work- | 0.4% |
| Trees- | 60.5% |
| Utility Equipment- | 6.5% |
| Vehicle- | 0.4% |

- | | |
|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 97.37 |
| 10. 2013 SAIDI | 120.50 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.63 |
| 12. 2013 SAIFI | 0.52 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | BELT LINE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 1090 W. New Circle Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0086 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - New Circule Rd & New Town Rd. - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 154 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/05/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

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

| | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 15.13 |
| 10. 2013 SAIDI | | 52.29 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.14 |
| 12. 2013 SAIFI | | 0.45 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | AMERICAN AVENUE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 96 Burley Ave. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0090 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Stanley Ave. & Waller Ave. - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 216 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/13/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 4.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 8.4% |
| Trees- | 86.4% |
| Utility Equipment- | 0.3% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 5.74 |
| 10. 2013 SAIDI | 252.89 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.04 |
| 12. 2013 SAIFI | 1.19 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Tree trim scheduled for 2014

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|---|--|
| 1. SUBSTATION NAME AND NUMBER | LIBERTY ROAD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2125 Liberty Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0091 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Liberty Rd. & Winchester Rd. - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 12.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 861 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/01/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 2.1% |
| Construction- | 0.4% |
| Lightning- | 17.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.9% |
| Overload- | 0.0% |
| Planned Work- | 11.6% |
| Trees- | 15.2% |
| Utility Equipment- | 52.0% |
| Vehicle- | 0.0% |

- | | |
|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 0.00 |
| 10. 2013 SAIDI | 110.72 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.00 |
| 12. 2013 SAIFI | 2.25 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|---|---|
| 1. SUBSTATION NAME AND NUMBER | LIBERTY ROAD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2125 Liberty Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0092 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - New Circle Rd. & Winchester Rd. - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 30.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 822 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/31/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 3.3% |
| Construction- | 0.0% |
| Lightning- | 9.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 18.6% |
| Overload- | 0.0% |
| Planned Work- | 16.9% |
| Trees- | 13.5% |
| Utility Equipment- | 24.3% |
| Vehicle- | 14.6% |

| | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 42.69 |
| 10. 2013 SAIDI | 34.97 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.30 |
| 12. 2013 SAIFI | 1.26 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | JOYLAND |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2375 Paris Pike - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0099 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - I-64 & I-75 - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2008 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/24/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.0% |
| Lightning- | 17.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 71.3% |
| Overload- | 2.6% |
| Planned Work- | 0.3% |
| Trees- | 3.8% |
| Utility Equipment- | 4.2% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 33.95 |
| 10. 2013 SAIDI | 115.33 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.33 |
| 12. 2013 SAIFI | 0.86 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | IBM |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 740 W New Circle Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0103 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Newtown Rd - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 9.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1062 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/27/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 54.8% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 1.7% |
| Trees- | 17.7% |
| Utility Equipment- | 2.0% |
| Vehicle- | 23.9% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 96.27 |
| 10. 2013 SAIDI | 143.24 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.56 |
| 12. 2013 SAIFI | 2.11 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | ASHLAND AVENUE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 448 S Ashland Ave. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0111 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Ashland Dr & Preston Ave. - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 974 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/15/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 1.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.1% |
| Overload- | 0.0% |
| Planned Work- | 2.5% |
| Trees- | 21.1% |
| Utility Equipment- | 73.8% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 29.62 |
| 10. 2013 SAIDI | 174.06 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.22 |
| 12. 2013 SAIFI | 2.05 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | PICADOME 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 1620 Harrodsburg Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0112 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Della Dr. - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 11.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1575 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/20/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.4% |
| Construction- | 0.0% |
| Lightning- | 1.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 13.8% |
| Overload- | 0.0% |
| Planned Work- | 0.1% |
| Trees- | 3.2% |
| Utility Equipment- | 81.2% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 163.75 |
|-----------------------------------|--------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 435.41 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.88 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 2.30 |
|----------------|------|

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

RELIABILITY IMPROVEMENTS SCHEDULED FOR 2014

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | WILSON DOWNING |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 680 Wilson Downing Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0114 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Wilson Downing Rd , Bellueau Wood Dr, & Spangler Dr, W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 11.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1478 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/29/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 0.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 77.4% |
| Overload- | 0.0% |
| Planned Work- | 0.3% |
| Trees- | 0.0% |
| Utility Equipment- | 21.4% |
| Vehicle- | 0.0% |

| | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 25.49 |
| 10. 2013 SAIDI | 45.05 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.46 |
| 12. 2013 SAIFI | 0.46 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to Monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|---|--|
| 1. SUBSTATION NAME AND NUMBER | LANSDOWNE SWITCHING |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 3200 Montavesta Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0118 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - New Circle Rd. & Chinoe Rd. - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 443 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/03/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 7.8% |
| Construction- | 0.0% |
| Lightning- | 0.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.5% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 40.4% |
| Utility Equipment- | 50.7% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 99.06 |
| 10. 2013 SAIDI | 65.87 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.49 |
| 12. 2013 SAIFI | 2.14 |

13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | FMC |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2641 Palumbo Dr - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0121 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Palumbo Dr - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 5 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/04/2012 |
| 8. 2013 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) | | 0.00 |
| 10. 2013 SAIDI | | 17.00 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.00 |
| 12. 2013 SAIFI | | 1.00 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
- Continue to Monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|----|---|--|
| 1. | SUBSTATION NAME AND NUMBER | FMC |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2641 Palumbo Dr - Lexington |
| 3. | CIRCUIT NAME AND NUMBER | 0123 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Palumbo Dr - W of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 4.6 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 369 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 08/04/2012 |
| 8. | 2013 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- | 76.9% |
| Trees- | 0.0% |
| Utility Equipment- | 23.1% |
| Vehicle- | 0.0% |

| | | |
|-----|--------------------------------|------|
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 4.16 |
| 10. | 2013 SAIDI | 1.84 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.03 |
| 12. | 2013 SAIFI | 0.03 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | VINE STREET 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - Vine St. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0125 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Vine, Upper & Limestone St. - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 274 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/30/2010 |
| 8. 2013 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) | | 5.62 |
| 10. 2013 SAIDI | | 107.29 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.10 |
| 12. 2013 SAIFI | | 0.37 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|---|--|
| 1. SUBSTATION NAME AND NUMBER | LAKESHORE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 3710 Richmond Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0135 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Richmond Rd & Man O War Blvd - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 22.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2249 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/19/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.6% |
| Construction- | 0.0% |
| Lightning- | 4.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 11.6% |
| Overload- | 0.0% |
| Planned Work- | 1.8% |
| Trees- | 0.7% |
| Utility Equipment- | 79.6% |
| Vehicle- | 0.0% |

| | | |
|--|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 19.99 |
| 10. 2013 SAIDI | | 30.53 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.28 |
| 12. 2013 SAIFI | | 0.17 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | WILSON DOWNING |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 680 Wilson Downing Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0137 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Man O War Blvd - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 9.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1490 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/09/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 0.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 1.1% |
| Trees- | 0.0% |
| Utility Equipment- | 98.2% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 1.62 |
|-----------------------------------|------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 76.76 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.19 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.02 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | RACE STREET 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 420 Corral St - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0138 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Midland Ave & Main St. - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 52 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | UNDERGROUND |
| 8. 2013 OUTAGES BY CAUSE | |

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

| | |
|-----------------------------------|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 6.04 |
|-----------------------------------|------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 34.49 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.02 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.16 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | RACE STREET 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 420 Corral St - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0139 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Midland Ave. , Main St. & water St. - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 12 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | UNDERGROUND |
| 8. 2013 OUTAGES BY CAUSE | |

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

- | | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 0.00 |
| 10. 2013 SAIDI | | 24.42 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.00 |
| 12. 2013 SAIFI | | 0.08 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | IBM |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 740 W New Circle Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0140 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Newtown Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 24.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 880 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/18/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 6.7% |
| Construction- | 0.3% |
| Lightning- | 0.1% |
| Non-Company- | 0.3% |
| Other/Unknown- | 36.3% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 51.2% |
| Utility Equipment- | 5.1% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 31.15 |
| 10. 2013 SAIDI | 899.55 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.29 |
| 12. 2013 SAIFI | 2.72 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Tree trim scheduled for 2014

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | AMERICAN AVENUE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 96 Burley Ave. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0144 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Broadway - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 505 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/24/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 56.8% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 3.5% |
| Utility Equipment- | 35.3% |
| Vehicle- | 4.4% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 9.18 |
| 10. 2013 SAIDI | | 27.20 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.09 |
| 12. 2013 SAIFI | | 0.26 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | CLAYS MILL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 4454 Clays Mill Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0147 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - clays Mill Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1392 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/09/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 4.7% |
| Construction- | 47.7% |
| Lightning- | 6.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 11.1% |
| Overload- | 0.0% |
| Planned Work- | 11.1% |
| Trees- | 16.3% |
| Utility Equipment- | 2.7% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 49.77 |
| 10. 2013 SAIDI | 25.83 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.58 |
| 12. 2013 SAIFI | 1.45 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | BRYANT ROAD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 3097 Helmsdale Pl. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0149 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Man O War Blvd & Liberty Rd - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 16.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1091 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/21/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 82.6% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 17.4% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 14.40 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 34.05 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.07 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.43 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | BRYANT ROAD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 3097 Helmsdale Pl. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0150 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Maple Leaf Rd - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1259 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/21/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 11.5% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.4% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 83.4% |
| Utility Equipment- | 4.7% |
| Vehicle- | 0.0% |

- | | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 10.21 |
| 10. 2013 SAIDI | | 15.75 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.13 |
| 12. 2013 SAIFI | | 0.10 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | STANFORD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lincoln - 746 KY Highway 78 - Hustonville |
| 3. CIRCUIT NAME AND NUMBER | 0154 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Hustonville - KY Highway 78 - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 52.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1092 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/24/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 4.1% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 90.8% |
| Overload- | 0.2% |
| Planned Work- | 2.6% |
| Trees- | 0.5% |
| Utility Equipment- | 0.9% |
| Vehicle- | 1.0% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 32.40 |
| 10. 2013 SAIDI | | 32.38 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.40 |
| 12. 2013 SAIFI | | 0.50 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|--------|
| 1. | SUBSTATION NAME AND NUMBER | STANFORD | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lincoln - 746 KY Highway 78 - Stanford | |
| 3. | CIRCUIT NAME AND NUMBER | 0155 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Stanford - KY Highway 78 & US Highway 27 - SE of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 17.9 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 300 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 05/24/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.3% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 9.6% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.5% | |
| | Trees- | 10.4% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 79.2% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 53.42 |
| 10. | 2013 SAIDI | | 110.08 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.61 |
| 12. | 2013 SAIFI | | 0.57 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | PICADOME 4KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 1620 Harrodsburg Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0158 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - St Joseph Dr - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 44 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/07/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

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

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 0.00 |
| 10. 2013 SAIDI | 381.25 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.00 |
| 12. 2013 SAIFI | 0.57 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | VILEY ROAD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 308 Alexandria Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0159 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Leestown Rd & Masterson Station - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 21.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1711 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/27/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.7% |
| Construction- | 0.0% |
| Lightning- | 12.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 9.2% |
| Overload- | 0.0% |
| Planned Work- | 75.9% |
| Trees- | 0.0% |
| Utility Equipment- | 1.9% |
| Vehicle- | 0.0% |

- | | |
|---|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 7.09 |
| 10. 2013 SAIDI | 4.85 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.10 |
| 12. 2013 SAIFI | 0.11 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | LAWRENCEBURG 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Anderson - 108 E Broadway st - Lawrenceburg |
| 3. CIRCUIT NAME AND NUMBER | 0160 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lawrenceburg - US HWY 127 - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 25.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 761 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/01/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 4.3% |
| Construction- | 0.0% |
| Lightning- | 27.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 2.5% |
| Overload- | 0.0% |
| Planned Work- | 0.9% |
| Trees- | 57.2% |
| Utility Equipment- | 5.1% |
| Vehicle- | 2.3% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 47.38 |
| 10. 2013 SAIDI | 45.77 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.30 |
| 12. 2013 SAIFI | 0.32 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | DANVILLE 1 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Boyle - 494 S 4TH ST - Danville |
| 3. CIRCUIT NAME AND NUMBER | 0161 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Danville - 2nd St - S & E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 153 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/01/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 99.7% |
| 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) | | 9.81 |
|-----------------------------------|--|------|

| | | |
|----------------|--|--------|
| 10. 2013 SAIDI | | 101.54 |
|----------------|--|--------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.15 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 0.62 |
|----------------|--|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|-------------------------------------|
| 1. SUBSTATION NAME AND NUMBER | DANVILLE 1 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Boyle - 494 S 4TH ST - Danville |
| 3. CIRCUIT NAME AND NUMBER | 0162 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Danville - 4th St - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1187 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/01/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 4.4% |
| Construction- | 0.0% |
| Lightning- | 13.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 51.6% |
| Overload- | 0.0% |
| Planned Work- | 16.8% |
| Trees- | 0.0% |
| Utility Equipment- | 13.7% |
| Vehicle- | 0.0% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 19.35 |
| 10. 2013 SAIDI | | 8.81 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.16 |
| 12. 2013 SAIFI | | 0.18 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | DANVILLE WEST |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Boyle - 1353 Lebanon Rd - Danville |
| 3. CIRCUIT NAME AND NUMBER | 0168 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Danville - S Danville Bypass - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 18 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/01/2013 |
| 8. 2013 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) | 7.38 |
| 10. 2013 SAIDI | 9.03 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.07 |
| 12. 2013 SAIFI | 0.11 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | REYNOLDS |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 200 W. Reynold Rd. - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0188 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Regency Rd. - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 735 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/31/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 95.9% |
| Construction- | 3.6% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.3% |
| Overload- | 0.0% |
| Planned Work- | 0.2% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 0.00 |
| 10. 2013 SAIDI | 61.81 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.00 |
| 12. 2013 SAIFI | 1.06 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | LONDON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Laurel - Near corner of Foster Heights & Substation Rd - London |
| 3. CIRCUIT NAME AND NUMBER | 0201 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | London - Waterworks Rd & Daniel Boone PKWY - W & SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 39.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1011 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/05/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.0% |
| Construction- | 0.0% |
| Lightning- | 0.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 84.6% |
| Overload- | 6.9% |
| Planned Work- | 0.6% |
| Trees- | 5.4% |
| Utility Equipment- | 1.3% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 137.05 |
| 10. 2013 SAIDI | 203.96 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.56 |
| 12. 2013 SAIFI | 1.60 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

RELIABILITY IMPROVEMENTS COMPLETED IN 2013

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|---|---|--------|
| 1. SUBSTATION NAME AND NUMBER | LONDON 2 | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Laurel - Near corner of Foster Heights & Substation Rd - London | |
| 3. CIRCUIT NAME AND NUMBER | 0205 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | London - S & N on McWhorter Rd | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 20.4 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1283 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/13/2013 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 0.2% |
| | Non-Company- | 0.3% |
| | Other/Unknown- | 1.4% |
| | Overload- | 0.0% |
| | Planned Work- | 1.2% |
| | Trees- | 89.7% |
| | Utility Equipment- | 7.2% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 71.89 |
| 10. 2013 SAIDI | | 123.21 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.78 |
| 12. 2013 SAIFI | | 0.48 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Trees trimmed in 2013 | | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | CAMPBELLSVILLE 2 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Taylor - 620 Clem Haskins Blvd. - Campbellsville |
| 3. CIRCUIT NAME AND NUMBER | 0206 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Campbellsville - Broadway St & Airport Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 16.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 850 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/01/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 54.7% |
| Construction- | 0.0% |
| Lightning- | 0.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.1% |
| Overload- | 0.0% |
| Planned Work- | 6.3% |
| Trees- | 37.1% |
| Utility Equipment- | 0.9% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 28.17 |
| 10. 2013 SAIDI | 79.34 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.37 |
| 12. 2013 SAIFI | 1.30 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CAMPBELLSVILLE 2 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Taylor - 620 Clem Haskins Blvd. - Campbellsville |
| 3. CIRCUIT NAME AND NUMBER | 0207 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Campbellsville - Martin Luther King - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 220 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/01/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 74.6% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 11.9% |
| Trees- | 11.0% |
| Utility Equipment- | 2.5% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 3.25 |
| 10. 2013 SAIDI | 17.42 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.05 |
| 12. 2013 SAIFI | 1.07 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|--|---|--------|
| 1. SUBSTATION NAME AND NUMBER | CAMPBELLSVILLE 2 | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Taylor - 620 Clem Haskins Blvd. - Campbellsville | |
| 3. CIRCUIT NAME AND NUMBER | 0208 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Campbellsville - Industrial Rd - SE of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.8 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 11 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/01/2011 | |
| 8. 2013 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) | | 5.53 |
| 10. 2013 SAIDI | | 13.00 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.06 |
| 12. 2013 SAIFI | | 1.00 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | COLUMBIA |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Taylor - 114 Lindsey Wilson St - Columbia |
| 3. CIRCUIT NAME AND NUMBER | 0209 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Columbia - KY HWY 3491 & KY 55 - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 42.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 913 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/27/2014 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.2% |
| Construction- | 0.0% |
| Lightning- | 1.0% |
| Non-Company- | 0.2% |
| Other/Unknown- | 83.4% |
| Overload- | 0.0% |
| Planned Work- | 2.2% |
| Trees- | 9.8% |
| Utility Equipment- | 2.2% |
| Vehicle- | 0.0% |

| | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 41.81 |
| 10. 2013 SAIDI | | 47.79 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.36 |
| 12. 2013 SAIFI | | 0.50 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | LEBANON WEST |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Marion - 2255 Saint Mary's Rd - St Mary |
| 3. CIRCUIT NAME AND NUMBER | 0218 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | St Mary - Saint Mary's Rd - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 129 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/31/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 74.8% |
| Non-Company- | 2.9% |
| Other/Unknown- | 3.7% |
| Overload- | 0.0% |
| Planned Work- | 10.4% |
| Trees- | 5.5% |
| Utility Equipment- | 2.6% |
| Vehicle- | 0.0% |

| | | |
|---|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 26.60 |
| 10. 2013 SAIDI | | 200.51 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.51 |
| 12. 2013 SAIFI | | 1.96 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | EAST BERNSTADT |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Laurel - 440 State HWY 490 - East Bernstadt |
| 3. CIRCUIT NAME AND NUMBER | 0221 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | East Bernstadt - US HWY 25 - N & S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 32.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 850 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/16/2014 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 6.5% |
| Construction- | 0.0% |
| Lightning- | 1.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 3.5% |
| Overload- | 0.0% |
| Planned Work- | 10.8% |
| Trees- | 26.8% |
| Utility Equipment- | 51.3% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 36.93 |
| 10. 2013 SAIDI | 20.36 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.38 |
| 12. 2013 SAIFI | 0.50 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | SPRINGFIELD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Washington - 107 Commercial Ave - Springfield |
| 3. CIRCUIT NAME AND NUMBER | 0224 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Springfield - High St - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 627 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/01/2014 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 8.9% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 59.1% |
| Overload- | 0.0% |
| Planned Work- | 30.2% |
| Trees- | 0.0% |
| Utility Equipment- | 1.8% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 11.46 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 13.07 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.13 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.14 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | WILLIAMSBURG SOUTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Whitley - Corner of Savoy Clear Creek Rd and Railroad Tracks - Williamsburg |
| 3. CIRCUIT NAME AND NUMBER | 0225 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Williamsburg - I75 - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 627 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/26/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.5% |
| Construction- | 0.0% |
| Lightning- | 49.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.3% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 8.5% |
| Utility Equipment- | 0.7% |
| Vehicle- | 40.2% |

| | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 144.87 |
| 10. 2013 SAIDI | 307.95 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.20 |
| 12. 2013 SAIFI | 2.36 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|---|---|--------|
| 1. SUBSTATION NAME AND NUMBER | WILLIAMSBURG SOUTH | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Whitley - Corner of Savoy Clear Creek Rd and Railroad Tracks - Williamsburg | |
| 3. CIRCUIT NAME AND NUMBER | 0226 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Williamsburg - Highway 25 - N of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 34.6 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1259 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/25/2013 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 2.1% |
| | Construction- | 0.8% |
| | Lightning- | 64.9% |
| | Non-Company- | 0.1% |
| | Other/Unknown- | 15.3% |
| | Overload- | 0.0% |
| | Planned Work- | 1.1% |
| | Trees- | 2.7% |
| | Utility Equipment- | 12.7% |
| | Vehicle- | 0.5% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 206.81 |
| 10. 2013 SAIDI | | 216.89 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.76 |
| 12. 2013 SAIFI | | 1.84 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| RELIABILITY IMPROVEMENTS COMPLETED IN 2013 | | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|---|---|
| 1. SUBSTATION NAME AND NUMBER | WILLIAMSBURG SOUTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Whitley - Corner of Savoy Clear Creek Rd and Railroad Tracks - Williamsburg |
| 3. CIRCUIT NAME AND NUMBER | 0230 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Williamsburg - Highway 92 - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 25.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 637 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/26/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.2% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 91.6% |
| Overload- | 0.0% |
| Planned Work- | 0.3% |
| Trees- | 7.7% |
| Utility Equipment- | 0.1% |
| Vehicle- | 0.0% |

- | | |
|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 94.87 |
| 10. 2013 SAIDI | 546.90 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.67 |
| 12. 2013 SAIFI | 1.06 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | PICADOME 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 1620 Harrodsburg Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0232 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Harrodsburg Rd - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 10.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1038 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/17/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.5% |
| Construction- | 0.0% |
| Lightning- | 28.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 11.4% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 42.3% |
| Utility Equipment- | 17.0% |
| Vehicle- | 0.0% |

- | | | |
|---|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 12.55 |
| 10. 2013 SAIDI | | 288.00 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.17 |
| 12. 2013 SAIFI | | 2.81 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MANCHESTER SOUTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Clay - 530 Muddy Gap Rd - Manchester |
| 3. CIRCUIT NAME AND NUMBER | 0253 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Manchester - US HWY 421 - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 17.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 589 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/01/2014 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 52.0% |
| Other/Unknown- | 6.5% |
| Overload- | 0.0% |
| Planned Work- | 37.6% |
| Trees- | 2.1% |
| Utility Equipment- | 1.8% |
| Vehicle- | 0.0% |

- | | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 96.52 |
| 10. 2013 SAIDI | | 94.71 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.02 |
| 12. 2013 SAIFI | | 1.34 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|-----|---|---|
| 1. | SUBSTATION NAME AND NUMBER | MANCHESTER SOUTH |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Clay - 530 Muddy Gap Rd - Manchester |
| 3. | CIRCUIT NAME AND NUMBER | 0254 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Manchester - State HWY 80 - S of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 20.5 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 471 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 01/01/2014 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 2.8% |
| | Construction- | 0.0% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 41.1% |
| | Overload- | 0.0% |
| | Planned Work- | 0.7% |
| | Trees- | 49.0% |
| | Utility Equipment- | 6.4% |
| | Vehicle- | 0.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 292.88 |
| 10. | 2013 SAIDI | 602.70 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 2.37 |
| 12. | 2013 SAIFI | 2.26 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
| | Trees trimmed in 2014 | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CORBIN EAST |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Knox - Corner of State HWY 1232 and E Barbourville Rd - Corbin |
| 3. CIRCUIT NAME AND NUMBER | 0275 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Corbin - Barbourville Rd - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 30.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 878 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/30/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.5% |
| Construction- | 0.0% |
| Lightning- | 80.6% |
| Non-Company- | 0.3% |
| Other/Unknown- | 1.1% |
| Overload- | 0.0% |
| Planned Work- | 1.3% |
| Trees- | 14.2% |
| Utility Equipment- | 0.4% |
| Vehicle- | 1.6% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 77.37 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 137.58 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.85 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.12 |
|----------------|------|

| | |
|---|--|
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
|---|--|

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CORBIN EAST |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Knox - Corner of State HWY 1232 and E Barbourville Rd - Corbin |
| 3. CIRCUIT NAME AND NUMBER | 0277 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Corbin - State HWY 1232 & Hancock - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 800 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/01/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 28.7% |
| Construction- | 2.3% |
| Lightning- | 0.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.8% |
| Overload- | 0.0% |
| Planned Work- | 1.3% |
| Trees- | 7.5% |
| Utility Equipment- | 20.2% |
| Vehicle- | 39.1% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 95.92 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 204.46 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.17 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 2.05 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|---|--|--------|
| 1. SUBSTATION NAME AND NUMBER | CORBIN EAST | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Knox - Corner of State HWY 1232 and E Barbourville Rd - Corbin | |
| 3. CIRCUIT NAME AND NUMBER | 0278 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Corbin - Commonwealth Ave - N of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 17.1 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 797 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/01/2011 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.5% |
| | Construction- | 0.0% |
| | Lightning- | 22.1% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 60.5% |
| | Overload- | 0.0% |
| | Planned Work- | 0.9% |
| | Trees- | 15.1% |
| | Utility Equipment- | 1.0% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 59.48 |
| 10. 2013 SAIDI | | 181.25 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.52 |
| 12. 2013 SAIFI | | 1.56 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | VAKSDAHL AVE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Boyle - 100 Vaksdahl Ave - Danville |
| 3. CIRCUIT NAME AND NUMBER | 0280 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Danville - Vaksdahl Ave & Perryville St - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 10.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 704 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/01/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

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

- | | |
|---|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 0.86 |
| 10. 2013 SAIDI | 1.46 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.03 |
| 12. 2013 SAIFI | 0.03 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | HOPEWELL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Laurel - American Greeting Rd and Hopewell Church Rd - North Corbin |
| 3. CIRCUIT NAME AND NUMBER | 0285 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | North Corbin - American Greeting Rd and I75 - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 36.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1281 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/31/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 8.6% |
| Construction- | 1.6% |
| Lightning- | 4.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 70.9% |
| Overload- | 0.0% |
| Planned Work- | 0.5% |
| Trees- | 0.9% |
| Utility Equipment- | 12.9% |
| Vehicle- | 0.0% |

| | | |
|---|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 106.82 |
| 10. 2013 SAIDI | | 64.71 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.03 |
| 12. 2013 SAIFI | | 1.15 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | HOPEWELL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Laurel - American Greeting Rd and Hopewell Church Rd - North Corbin |
| 3. CIRCUIT NAME AND NUMBER | 0286 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | North Corbin - Robinson Creek Rd & US HWY 25 - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 71.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1970 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/31/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 41.8% |
| Construction- | 1.9% |
| Lightning- | 7.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 12.6% |
| Overload- | 0.1% |
| Planned Work- | 0.5% |
| Trees- | 3.0% |
| Utility Equipment- | 32.4% |
| Vehicle- | 0.7% |

| | | |
|-----------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 96.90 |
|-----------------------------------|--|-------|

| | | |
|----------------|--|--------|
| 10. 2013 SAIDI | | 185.19 |
|----------------|--|--------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.29 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 2.25 |
|----------------|--|------|

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

RELIABILITY IMPROVEMENTS COMPLETED IN 2013

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | PINEVILLE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bell - Corner of E Park Ave and Maple St - Pineville |
| 3. CIRCUIT NAME AND NUMBER | 0300 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Pineville - Park Ave - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 294 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/24/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 3.1% |
| Construction- | 0.0% |
| Lightning- | 0.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 3.3% |
| Overload- | 0.0% |
| Planned Work- | 0.9% |
| Trees- | 84.3% |
| Utility Equipment- | 8.2% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 79.85 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 120.01 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.06 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.34 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | PINEVILLE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bell - Corner of E Park Ave and Maple St - Pineville |
| 3. CIRCUIT NAME AND NUMBER | 0301 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Pineville - US HWY 25E & KY HWY 66 - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 25.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1162 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/11/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.7% |
| Lightning- | 6.0% |
| Non-Company- | 0.4% |
| Other/Unknown- | 27.6% |
| Overload- | 0.0% |
| Planned Work- | 3.3% |
| Trees- | 1.6% |
| Utility Equipment- | 60.3% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 62.95 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 167.36 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.61 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 2.04 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | PINEVILLE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bell - Corner of E Park Ave and Maple St - Pineville |
| 3. CIRCUIT NAME AND NUMBER | 0302 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Pineville - US HWY 25E - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 30.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 654 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/25/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 3.4% |
| Construction- | 0.0% |
| Lightning- | 0.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 51.8% |
| Overload- | 0.0% |
| Planned Work- | 0.6% |
| Trees- | 43.6% |
| Utility Equipment- | 0.4% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 119.10 |
| 10. 2013 SAIDI | 276.34 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.43 |
| 12. 2013 SAIFI | 2.86 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Trees trimmed in 2013

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|---|--|
| 1. SUBSTATION NAME AND NUMBER | PINEVILLE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bell - Corner of E Park Ave and Maple St - Pineville |
| 3. CIRCUIT NAME AND NUMBER | 0303 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Pineville - US HWY 25E - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 30.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 549 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/21/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 47.0% |
| Non-Company- | 0.7% |
| Other/Unknown- | 10.2% |
| Overload- | 0.0% |
| Planned Work- | 8.1% |
| Trees- | 31.3% |
| Utility Equipment- | 2.3% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 192.93 |
| 10. 2013 SAIDI | 94.34 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.96 |
| 12. 2013 SAIFI | 2.44 |

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

Tree trim scheduled for 2014

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | MILL CREEK - KU |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bell - 5539 HWY 221 Kettle Island - Pineville |
| 3. CIRCUIT NAME AND NUMBER | 0315 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Pineville - Martha Lock Branch Rd - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 353 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/21/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.0% |
| Lightning- | 3.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 43.7% |
| Overload- | 0.0% |
| Planned Work- | 0.2% |
| Trees- | 52.3% |
| Utility Equipment- | 0.2% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 132.45

10. 2013 SAIDI 306.06

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 1.23

12. 2013 SAIFI 1.52

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|---|---|
| 1. SUBSTATION NAME AND NUMBER | MILL CREEK - KU |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bell - 5539 HWY 221 Kettle Island - Pineville |
| 3. CIRCUIT NAME AND NUMBER | 0316 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Pineville - State HWY 221 - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 31.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 351 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/13/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.4% |
| Construction- | 0.0% |
| Lightning- | 0.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 13.2% |
| Overload- | 0.0% |
| Planned Work- | 1.3% |
| Trees- | 56.6% |
| Utility Equipment- | 0.6% |
| Vehicle- | 27.0% |

- | | |
|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 412.76 |
| 10. 2013 SAIDI | 493.42 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 3.80 |
| 12. 2013 SAIFI | 3.09 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Trees trimmed in 2013

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|----------------------------------|
| 1. SUBSTATION NAME AND NUMBER | DEER BRANCH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bell – HWY 66 - Arjay |
| 3. CIRCUIT NAME AND NUMBER | 0320 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Arjay - HWY 66 – N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.04 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 29 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | NEW CIRCUIT |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 52.7 |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 47.3% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 0.00 |
| 10. 2013 SAIDI | 870.93 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.00 |
| 12. 2013 SAIFI | 3.86 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | YELLOW ROCK NORTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lee - 584 New Yellow Rock Rd - Beattyville |
| 3. CIRCUIT NAME AND NUMBER | 0332 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Beattyville - New Yellow Rock Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 58 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 2009 |
| 8. 2013 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- | 46.8% |
| Trees- | 52.9% |
| Utility Equipment- | 0.3% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 186.85 |
| 10. 2013 SAIDI | 393.70 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.01 |
| 12. 2013 SAIFI | 1.01 |

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

Tree trim scheduled for 2014

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | OKONITE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Madison - 1742 Berea Rd - Richmond |
| 3. CIRCUIT NAME AND NUMBER | 0334 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Richmond - Battlefield Memorial Rd & Berea Rd - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 23.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 874 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/23/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.7% |
| Construction- | 0.0% |
| Lightning- | 4.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 27.9% |
| Overload- | 0.0% |
| Planned Work- | 9.0% |
| Trees- | 49.7% |
| Utility Equipment- | 7.4% |
| Vehicle- | 0.4% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 32.56 |
| 10. 2013 SAIDI | | 42.98 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.52 |
| 12. 2013 SAIFI | | 0.32 |

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

Continue to monitor.

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---------------------------------------|
| 1. SUBSTATION NAME AND NUMBER | RICHMOND INDUSTRIAL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Madison - 110 Mikron Way - Richmond |
| 3. CIRCUIT NAME AND NUMBER | 0342 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Richmond - 0.78 miles S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 4 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/01/2009 |
| 8. 2013 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) | | 9.90 |
| 10. 2013 SAIDI | | 217.00 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.05 |
| 12. 2013 SAIFI | | 1.00 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---------------------------------------|
| 1. SUBSTATION NAME AND NUMBER | RICHMOND INDUSTRIAL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Madison - 110 Mikron Way - Richmond |
| 3. CIRCUIT NAME AND NUMBER | 0344 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Richmond - 1.51 miles S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 5 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/01/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

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

| | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 13.91 |
| 10. 2013 SAIDI | 9.20 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.14 |
| 12. 2013 SAIFI | 0.20 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | VALLEY |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bell - Valley Sub Rd off of State HWY 66 Field - Pineville |
| 3. CIRCUIT NAME AND NUMBER | 0346 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Pineville - Red Bird Ln - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 4 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/01/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

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

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 0.00 |
| 10. 2013 SAIDI | 79.00 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.00 |
| 12. 2013 SAIFI | 2.00 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|---|---|
| 1. SUBSTATION NAME AND NUMBER | MIDDLESBORO 2 12KV #2 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bell - Intersection of Cumberland Ace and S 38th St - Middlesboro |
| 3. CIRCUIT NAME AND NUMBER | 0356 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Middlesboro - S 38th St - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 557 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/17/2014 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 62.4% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 6.5% |
| Overload- | 0.0% |
| Planned Work- | 6.0% |
| Trees- | 23.9% |
| Utility Equipment- | 1.2% |
| Vehicle- | 0.0% |

| | |
|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 49.54 |
| 10. 2013 SAIDI | 66.45 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.66 |
| 12. 2013 SAIFI | 0.46 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MIDDLESBORO 1 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bell - Corner of N 19th and Ironwood Rd - Middlesboro |
| 3. CIRCUIT NAME AND NUMBER | 0364 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Middlesboro - Nutwood Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 315 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/22/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.3% |
| Lightning- | 4.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.8% |
| Overload- | 2.2% |
| Planned Work- | 12.2% |
| Trees- | 78.8% |
| Utility Equipment- | 1.0% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 19.58 |
| 10. 2013 SAIDI | 49.18 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.38 |
| 12. 2013 SAIFI | 1.13 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Trees trimmed in 2013

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MIDDLESBORO 1 4KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bell - Corner of N 19th and Ironwood Rd – Middlesboro |
| 3. CIRCUIT NAME AND NUMBER | 0370 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Middlesboro - N 19th St - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 608 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/11/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 92.1% |
| Overload- | 0.0% |
| Planned Work- | 4.0% |
| Trees- | 3.6% |
| Utility Equipment- | 0.3% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 55.24 |
| 10. 2013 SAIDI | 109.75 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.97 |
| 12. 2013 SAIFI | 1.11 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MIDDLESBORO 1 4KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bell - Corner of N 19th and Ironwood Rd - Middlesboro |
| 3. CIRCUIT NAME AND NUMBER | 0371 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Middlesboro - N 19th St - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 238 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/22/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 89.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 10.7% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 6.07 |
| 10. 2013 SAIDI | 38.53 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.12 |
| 12. 2013 SAIFI | 0.12 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
- Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | DELAPLAIN |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Scott - 413 Triport Cir - Sadieville |
| 3. CIRCUIT NAME AND NUMBER | 0403 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Sadieville - 0.41 Miles N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 2 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/01/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 74.8% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 25.2% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 0.00 |
| 10. 2013 SAIDI | 257.50 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.00 |
| 12. 2013 SAIFI | 2.50 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | FORKS OF ELKHORN |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Franklin - 3286 Georgetown Rd - Frankfort |
| 3. CIRCUIT NAME AND NUMBER | 0405 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Frankfort - Switzer Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 49.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 605 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/17/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.8% |
| Construction- | 0.0% |
| Lightning- | 65.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 13.6% |
| Overload- | 14.6% |
| Planned Work- | 0.9% |
| Trees- | 0.8% |
| Utility Equipment- | 1.9% |
| Vehicle- | 1.7% |

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 74.20 |
| 10. 2013 SAIDI | 28.55 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.48 |
| 12. 2013 SAIFI | 0.58 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | HOOVER 1 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Scott - 3 Quality Dr - Georgetown |
| 3. CIRCUIT NAME AND NUMBER | 0410 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Georgetown - Showalter Dr & McClelland Blvd - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 17.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1198 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/09/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.3% |
| Construction- | 0.0% |
| Lightning- | 36.3% |
| Non-Company- | 0.1% |
| Other/Unknown- | 22.9% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 39.4% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 20.66 |
| 10. 2013 SAIDI | 88.24 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.19 |
| 12. 2013 SAIFI | 1.07 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | HOOVER 1 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Scott - 3 Quality Dr - Georgetown |
| 3. CIRCUIT NAME AND NUMBER | 0411 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Georgetown - Pocahontas Trl - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 22.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1602 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/02/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 0.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 10.9% |
| Overload- | 0.0% |
| Planned Work- | 12.9% |
| Trees- | 0.0% |
| Utility Equipment- | 75.6% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 38.00 |
| 10. 2013 SAIDI | 36.44 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.60 |
| 12. 2013 SAIFI | 1.17 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | NEWTOWN |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Scott - 5849 Paris Pike - Georgetown |
| 3. CIRCUIT NAME AND NUMBER | 0431 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Georgetown - US 460 Pike - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 44.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1278 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/06/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.0% |
| Lightning- | 0.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 31.4% |
| Overload- | 0.0% |
| Planned Work- | 0.3% |
| Trees- | 0.5% |
| Utility Equipment- | 66.0% |
| Vehicle- | 1.4% |

| | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 125.41 |
| 10. 2013 SAIDI | 197.02 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.53 |
| 12. 2013 SAIFI | 2.21 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

RELIABILITY IMPROVEMENTS COMPLETED IN 2013

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | LEMONS MILL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Scott - 125 Carley Ct - Georgetown |
| 3. CIRCUIT NAME AND NUMBER | 0440 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Georgetown - McClelland Blvd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 930 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/16/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 10.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 34.7% |
| Overload- | 0.0% |
| Planned Work- | 0.1% |
| Trees- | 0.0% |
| Utility Equipment- | 52.9% |
| Vehicle- | 1.4% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 17.37 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 88.86 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.30 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.60 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---------------------------------------|
| 1. SUBSTATION NAME AND NUMBER | POOLE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Webster - 211 S Route 56 - Poole |
| 3. CIRCUIT NAME AND NUMBER | 0447 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Poole - Bradley Rd - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 11 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/16/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

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

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 2.58 |
| 10. 2013 SAIDI | 70.09 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.06 |
| 12. 2013 SAIFI | 1.09 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | ROGERS GAP |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Scott - 192 Harbor Village Dr - Stamping Ground |
| 3. CIRCUIT NAME AND NUMBER | 0451 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Stamping Ground - Cincinnati Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 66.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1088 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/28/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.7% |
| Construction- | 0.0% |
| Lightning- | 13.4% |
| Non-Company- | 1.0% |
| Other/Unknown- | 40.7% |
| Overload- | 42.1% |
| Planned Work- | 1.7% |
| Trees- | 0.1% |
| Utility Equipment- | 0.2% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 215.15 |
| 10. 2013 SAIDI | 156.08 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.78 |
| 12. 2013 SAIFI | 2.14 |

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

RELIABILITY IMPROVEMENTS COMPLETED IN 2013

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | PEPPER PIKE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Scott - 4341 Frankfort Rd - Georgetown |
| 3. CIRCUIT NAME AND NUMBER | 0460 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Georgetown - Frankfort Rd - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 41.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 729 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/12/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 2.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 2.8% |
| Overload- | 21.7% |
| Planned Work- | 0.0% |
| Trees- | 27.6% |
| Utility Equipment- | 42.7% |
| Vehicle- | 2.8% |

| | | |
|------------------------------------|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 117.86 |
| 10. 2013 SAIDI | | 92.75 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.04 |
| 12. 2013 SAIFI | | 1.08 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | PEPPER PIKE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Scott - 4341 Frankfort Rd - Georgetown |
| 3. CIRCUIT NAME AND NUMBER | 0461 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Georgetown - E on US HWY 460 & S on Fishers Mill Rd |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 51.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 553 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/28/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 1.3% |
| Construction- | 0.0% |
| Lightning- | 4.1% |
| Non-Company- | 0.4% |
| Other/Unknown- | 18.7% |
| Overload- | 0.2% |
| Planned Work- | 0.7% |
| Trees- | 17.4% |
| Utility Equipment- | 0.5% |
| Vehicle- | 56.7% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 95.62 |
| 10. 2013 SAIDI | | 60.91 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.13 |

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 1.19 |
|----------------|--|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|---|---|
| 1. SUBSTATION NAME AND NUMBER | STAMPING GROUND |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Scott - 3540 Main St - Stamping Ground |
| 3. CIRCUIT NAME AND NUMBER | 0480 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Stamping Ground - Owenton/HWY 227 N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 56.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 459 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/28/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 15.0% |
| Construction- | 0.0% |
| Lightning- | 0.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.5% |
| Overload- | 12.1% |
| Planned Work- | 0.1% |
| Trees- | 0.2% |
| Utility Equipment- | 70.6% |
| Vehicle- | 0.0% |

- | | |
|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 106.26 |
| 10. 2013 SAIDI | 158.19 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.24 |
| 12. 2013 SAIFI | 1.45 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | STAMPING GROUND |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Scott - 3540 Main St - Stamping Ground |
| 3. CIRCUIT NAME AND NUMBER | 0481 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Stamping Ground - SE on Main St & N on Locust Fork Rd |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 97.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1232 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/01/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 3.4% |
| Construction- | 0.0% |
| Lightning- | 3.4% |
| Non-Company- | 10.4% |
| Other/Unknown- | 49.5% |
| Overload- | 0.0% |
| Planned Work- | 0.2% |
| Trees- | 33.1% |
| Utility Equipment- | 0.2% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 263.56 |
| 10. 2013 SAIDI | 213.55 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.50 |
| 12. 2013 SAIFI | 1.52 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
RELIABILITY IMPROVEMENTS SCHEDULED FOR 2014

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | ROBBINS |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Harlan - E of 15537 Hwy 38 - Upper Clover |
| 3. CIRCUIT NAME AND NUMBER | 0488 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Upper Clover - Highway 38 - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 11.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 309 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/03/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 11.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.1% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 1.3% |
| Utility Equipment- | 87.2% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 692.78 |
| 10. 2013 SAIDI | 624.11 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 2.77 |
| 12. 2013 SAIFI | 3.40 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | HOLMES MILL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Harlan - 1/4 mile E of 25511 HWY 38 - Upper Clover |
| 3. CIRCUIT NAME AND NUMBER | 0491 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Upper Clover - Highway 38 - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 9.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 200 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/19/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 2.8% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.2% |
| Overload- | 0.0% |
| Planned Work- | 0.4% |
| Trees- | 96.7% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 391.19 |
| 10. 2013 SAIDI | 286.63 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.84 |
| 12. 2013 SAIFI | 2.57 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|---|--|
| 1. SUBSTATION NAME AND NUMBER | BAILEY CREEK |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Harlan - Tyree Ln - Evarts |
| 3. CIRCUIT NAME AND NUMBER | 0495 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Evarts - Tyree Ln, Hwy 38, & Bailey Creek Rd – W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 288 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/22/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 40.9% |
| Overload- | 24.8% |
| Planned Work- | 0.5% |
| Trees- | 33.4% |
| Utility Equipment- | 0.1% |
| Vehicle- | 0.0% |

- | | |
|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 587.65 |
| 10. 2013 SAIDI | 648.97 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 4.83 |
| 12. 2013 SAIFI | 5.47 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

RELIABILITY IMPROVEMENTS SCHEDULED FOR 2014

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|--------|
| 1. | SUBSTATION NAME AND NUMBER | VERSAILLES BYPASS | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Woodford - 350 Markham Dr - Versailles | |
| 3. | CIRCUIT NAME AND NUMBER | 0509 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Versailles - Frankfort Rd - N of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 135.6 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1890 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 05/29/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.5% | |
| | Construction- | 0.0% | |
| | Lightning- | 1.1% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 2.8% | |
| | Overload- | 0.0% | |
| | Planned Work- | 80.0% | |
| | Trees- | 7.9% | |
| | Utility Equipment- | 4.7% | |
| | Vehicle- | 2.9% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 147.15 |
| 10. | 2013 SAIDI | | 245.99 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.14 |
| 12. | 2013 SAIFI | | 1.30 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | VERSAILLES WEST |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Woodford - 115 Rutter Rd - Versailles |
| 3. CIRCUIT NAME AND NUMBER | 0512 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Versailles - Tyrone Pike - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 33.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1099 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/15/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 6.1% |
| Construction- | 0.0% |
| Lightning- | 5.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 25.7% |
| Overload- | 0.0% |
| Planned Work- | 12.0% |
| Trees- | 0.0% |
| Utility Equipment- | 50.8% |
| Vehicle- | 0.0% |

| | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 60.05 |
| 10. 2013 SAIDI | | 54.93 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.70 |
| 12. 2013 SAIFI | | 1.35 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | MIDWAY 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Woodford - 860 Weisenburger Rd - Midway |
| 3. CIRCUIT NAME AND NUMBER | 0516 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Midway - State HWY 341 - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 40.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 774 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/25/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.6% |
| Construction- | 0.0% |
| Lightning- | 29.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.1% |
| Overload- | 0.1% |
| Planned Work- | 2.6% |
| Trees- | 22.9% |
| Utility Equipment- | 44.0% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 123.25 |
|-----------------------------------|--------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 160.91 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.73 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.84 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|--|-------|
| 1. | SUBSTATION NAME AND NUMBER | SOMERSET 1 | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - 144 Railroad Dr - Somerset | |
| 3. | CIRCUIT NAME AND NUMBER | 0521 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Somerset - S Main St - N of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 4.0 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 401 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 01/01/2014 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 97.4% | |
| | Other/Unknown- | 2.6% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 26.22 |
| 10. | 2013 SAIDI | | 32.98 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.22 |
| 12. | 2013 SAIFI | | 0.23 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | SOMERSET 1 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - 144 Railroad Dr - Somerset |
| 3. CIRCUIT NAME AND NUMBER | 0522 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Somerset - Langdon St - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 288 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/01/2014 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.3% |
| Trees- | 98.8% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.7% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 2.90 |
| 10. 2013 SAIDI | 111.36 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.04 |
| 12. 2013 SAIFI | 1.05 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Trees trimmed in 2013

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|---|--|------|
| 1. | SUBSTATION NAME AND NUMBER | SOMERSET 1 | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - 144 Railroad Dr - Somerset | |
| 3. | CIRCUIT NAME AND NUMBER | 0523 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Somerset - S Main St - N of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 1.9 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 150 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 01/01/2014 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 100.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 2.48 |
| 10. | 2013 SAIDI | | 3.72 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.02 |
| 12. | 2013 SAIFI | | 0.01 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SCIENCE HILL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - 45 E HWY 635 - Science Hill |
| 3. CIRCUIT NAME AND NUMBER | 0527 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Science Hill - N Highway 27 - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 178 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/28/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 1.0% |
| Construction- | 0.0% |
| Lightning- | 0.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 94.4% |
| Overload- | 0.0% |
| Planned Work- | 0.5% |
| Trees- | 3.3% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 11.34 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 62.63 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.16 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.36 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--------------------------------------|
| 1. SUBSTATION NAME AND NUMBER | DENHAM STREET |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - 114 Adams St - Somerset |
| 3. CIRCUIT NAME AND NUMBER | 0530 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Somerset - HWY 27 - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 259 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/01/2014 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.5% |
| Construction- | 0.0% |
| Lightning- | 4.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 19.3% |
| Overload- | 0.0% |
| Planned Work- | 2.3% |
| Trees- | 1.3% |
| Utility Equipment- | 69.7% |
| Vehicle- | 2.5% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 54.06 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 89.01 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.71 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.79 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | DENHAM STREET |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - 114 Adams St - Somerset |
| 3. CIRCUIT NAME AND NUMBER | 0531 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Somerset - Monticello St - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 186 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/01/2014 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 27.9% |
| Construction- | 0.0% |
| Lightning- | 20.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 3.6% |
| Trees- | 0.0% |
| Utility Equipment- | 48.1% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 4.34 |
| 10. 2013 SAIDI | 10.64 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.26 |
| 12. 2013 SAIFI | 0.10 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | WAITSBORO |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - 676 Old Monticello Rd at W Summit Dr W of HWY 27 - Somerset |
| 3. CIRCUIT NAME AND NUMBER | 0533 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Somerset - HWY 27 – N and S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 24.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1100 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/01/2014 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 5.2% |
| Construction- | 0.0% |
| Lightning- | 2.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 36.6% |
| Overload- | 0.0% |
| Planned Work- | 4.8% |
| Trees- | 11.1% |
| Utility Equipment- | 39.8% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 65.31 |
| 10. 2013 SAIDI | 59.03 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.79 |
| 12. 2013 SAIFI | 1.69 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---------------------------------------|
| 1. SUBSTATION NAME AND NUMBER | FERGUSON SOUTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - 140 McKee Rd - Somerset |
| 3. CIRCUIT NAME AND NUMBER | 0539 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Somerset - Crane Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 16.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 731 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/01/2014 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.6% |
| Construction- | 0.0% |
| Lightning- | 0.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 25.8% |
| Overload- | 0.0% |
| Planned Work- | 0.8% |
| Trees- | 54.7% |
| Utility Equipment- | 17.9% |
| Vehicle- | 0.0% |

| | | |
|------------------------------------|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 150.45 |
| 10. 2013 SAIDI | | 424.58 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.74 |
| 12. 2013 SAIFI | | 3.37 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Trees trimmed in 2014

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | SOMERSET SOUTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - 3084 S HWY 27 S of Monticello Rd - Somerset |
| 3. CIRCUIT NAME AND NUMBER | 0543 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Somerset - Monticello St - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 197 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/01/2014 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.1% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 95.6% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 3.3% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 13.12 |
| 10. 2013 SAIDI | 34.82 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.18 |
| 12. 2013 SAIFI | 0.63 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|---|--|--------|
| 1. SUBSTATION NAME AND NUMBER | BURNSIDE | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - S Hwy 27 - Burnside | |
| 3. CIRCUIT NAME AND NUMBER | 0544 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Burnside - City of Burnside - NW of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.7 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 474 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/01/2011 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 1.5% |
| | Construction- | 0.0% |
| | Lightning- | 0.1% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 2.6% |
| | Overload- | 0.0% |
| | Planned Work- | 1.6% |
| | Trees- | 94.1% |
| | Utility Equipment- | 0.0% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 76.78 |
| 10. 2013 SAIDI | | 198.85 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.21 |
| 12. 2013 SAIFI | | 1.34 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

1. **SUBSTATION NAME AND NUMBER** WAYNESBURG
 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lincoln - On Old Somerset Rd (HWY 1247) just S of Clear Fork Rd - Waynesburg
 3. **CIRCUIT NAME AND NUMBER** 0546
 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Waynesburg - KY HWY 1247 - S of Substation
 5. **TOTAL CIRCUIT LENGTH (MILES)** 10.0
 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 261
 7. **DATE OF LAST CIRCUIT TRIM (VM)** 05/19/2012

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.3% |
| Overload- | 0.0% |
| Planned Work- | 3.1% |
| Trees- | 0.7% |
| Utility Equipment- | 0.0% |
| Vehicle- | 95.9% |

9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 105.50

10 **2013 SAIDI** 335.98

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

12 **2013 SAIFI** 1.14

13 **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | WAYNESBURG |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lincoln - On Old Somerset Rd (HWY 1247) just S of Clear Fork Rd - Waynesburg |
| 3. CIRCUIT NAME AND NUMBER | 0547 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Waynesburg - KY HWY 1247 - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 347 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/09/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 5.6% |
| Construction- | 0.0% |
| Lightning- | 9.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 2.5% |
| Overload- | 0.0% |
| Planned Work- | 13.6% |
| Trees- | 58.7% |
| Utility Equipment- | 10.3% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 42.90 |
| 10. 2013 SAIDI | 45.60 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.52 |
| 12. 2013 SAIFI | 0.32 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--------------------------------------|
| 1. SUBSTATION NAME AND NUMBER | LIBERTY |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Casey - 1351 E KY HWY 70 - Liberty |
| 3. CIRCUIT NAME AND NUMBER | 0552 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Liberty - E KY 70 - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 28.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 515 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/14/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 1.3% |
| Construction- | 0.0% |
| Lightning- | 3.5% |
| Non-Company- | 1.5% |
| Other/Unknown- | 4.0% |
| Overload- | 0.0% |
| Planned Work- | 9.6% |
| Trees- | 24.9% |
| Utility Equipment- | 55.1% |
| Vehicle- | 0.0% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 77.02 |
| 10. 2013 SAIDI | | 43.74 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.76 |
| 12. 2013 SAIFI | | 0.96 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SHELBY CITY |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Boyle - 401 Grubbs Ln - Junction City |
| 3. CIRCUIT NAME AND NUMBER | 0553 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Junction City - Hustonville Rd & Hwy 127 - SE & NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 19.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 414 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/15/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 4.0% |
| Construction- | 0.0% |
| Lightning- | 22.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 73.2% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 0.00 |
| 10. 2013 SAIDI | 38.50 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.00 |
| 12. 2013 SAIFI | 0.18 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | EDDYVILLE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lyon - 1765 S R 3305 - Eddyville |
| 3. CIRCUIT NAME AND NUMBER | 0560 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Eddyville - US HWY 62 & Riley Rd - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 49.34 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 457 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/19/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.4% |
| Construction- | 0.0% |
| Lightning- | 3.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 19.6% |
| Overload- | 0.0% |
| Planned Work- | 9.1% |
| Trees- | 35.4% |
| Utility Equipment- | 32.4% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 47.09 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 124.70 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.60 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 3.52 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|--|--------|
| 1. | SUBSTATION NAME AND NUMBER | WHITLEY CITY | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | McCreary - Corner of US HWY 27 & Hicks Rd - Whitley City | |
| 3. | CIRCUIT NAME AND NUMBER | 0576 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Whitley City - US HWY 27 - N of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 39.1 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 739 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 06/01/2011 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | | Animal- | 0.2% |
| | | Construction- | 0.0% |
| | | Lightning- | 0.6% |
| | | Non-Company- | 0.0% |
| | | Other/Unknown- | 22.4% |
| | | Overload- | 0.0% |
| | | Planned Work- | 1.9% |
| | | Trees- | 70.2% |
| | | Utility Equipment- | 4.6% |
| | | Vehicle- | 0.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 260.21 |
| 10. | 2013 SAIDI | | 547.93 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.96 |
| 12. | 2013 SAIFI | | 1.62 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | RELIABILITY IMPROVEMENTS SCHEDULED FOR 2014 | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | SHUN PIKE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jessamine - 1201 Short Shun Rd Nicholasville |
| 3. CIRCUIT NAME AND NUMBER | 0581 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Nicholasville - Short Shun Rd - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 76 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/29/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.6% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 94.8% |
| Utility Equipment- | 3.6% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 101.15 |
| 10. 2013 SAIDI | 72.82 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.76 |
| 12. 2013 SAIFI | 0.81 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | WILMORE 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jessamine - 210 W Linden St - Wilmore |
| 3. CIRCUIT NAME AND NUMBER | 0585 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Wilmore - College St - E & S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 33.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1210 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/17/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 2.7% |
| Non-Company- | 4.9% |
| Other/Unknown- | 4.5% |
| Overload- | 0.0% |
| Planned Work- | 1.1% |
| Trees- | 13.5% |
| Utility Equipment- | 73.2% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 70.00 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 212.58 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.63 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 2.37 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | HIGH BRIDGE 4KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Jessamine - 200 Crusher Ln - Wilmore |
| 3. CIRCUIT NAME AND NUMBER | 0590 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Wilmore - High Bridge Road - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 138 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/13/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 51.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 8.6% |
| Overload- | 0.0% |
| Planned Work- | 2.4% |
| Trees- | 19.9% |
| Utility Equipment- | 16.2% |
| Vehicle- | 1.1% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 31.71 |
| 10. 2013 SAIDI | 103.28 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.18 |
| 12. 2013 SAIFI | 0.50 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | INNOVATION DRIVE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2350 Innovation Dr - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0592 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Georgetown Rd - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 24.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1355 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/30/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.6% |
| Construction- | 1.0% |
| Lightning- | 0.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.7% |
| Overload- | 1.4% |
| Planned Work- | 0.3% |
| Trees- | 94.9% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 73.41 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 497.31 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.49 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.12 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | JOYLAND |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2375 Paris Pike - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0599 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - US 27 & US 68 - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 15.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1154 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/24/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 1.6% |
| Construction- | 0.7% |
| Lightning- | 1.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.1% |
| Overload- | 0.0% |
| Planned Work- | 0.1% |
| Trees- | 90.0% |
| Utility Equipment- | 5.9% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 133.12 |
|-----------------------------------|--------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 243.86 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.86 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.59 |
|----------------|------|

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

RELIABILITY IMPROVEMENTS COMPLETED IN 2013

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|---|---|-------|
| 1. SUBSTATION NAME AND NUMBER | MOUNT STERLING 12KV | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Montgomery 346 Calk Ave - Mount Sterling | |
| 3. CIRCUIT NAME AND NUMBER | 0600 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Mount Sterling - Fogg Pike - SW of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 22.9 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 836 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/1/2012 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 4.3% |
| | Construction- | 8.2% |
| | Lightning- | 23.9% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 0.0% |
| | Overload- | 0.0% |
| | Planned Work- | 0.8% |
| | Trees- | 57.0% |
| | Utility Equipment- | 5.8% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 32.19 |
| 10. 2013 SAIDI | | 20.51 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.42 |
| 12. 2013 SAIFI | | 0.45 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|---|---|--------|
| 1. SUBSTATION NAME AND NUMBER | CAMARGO | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Montgomery - 555 S Queen St - Mt Sterling | |
| 3. CIRCUIT NAME AND NUMBER | 0603 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Mount Sterling - S Queen St - N of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 10.1 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 910 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/06/2012 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 1.7% |
| | Construction- | 0.0% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 96.6% |
| | Overload- | 0.0% |
| | Planned Work- | 0.9% |
| | Trees- | 0.0% |
| | Utility Equipment- | 0.8% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 43.91 |
| 10. 2013 SAIDI | | 105.54 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.89 |
| 12. 2013 SAIFI | | 1.03 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | A O SMITH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Montgomery - 1871 Owingsville Rd - Mt. Sterling |
| 3. CIRCUIT NAME AND NUMBER | 0606 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Mount Sterling - Owingsville Rd - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 21 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/23/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 59.2% |
| Overload- | 0.0% |
| Planned Work- | 16.6% |
| Trees- | 24.2% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 19.59 |
| 10. 2013 SAIDI | 103.29 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.49 |
| 12. 2013 SAIFI | 2.24 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | A O SMITH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Montgomery - 1871 Owingsville Rd - Mt. Sterling |
| 3. CIRCUIT NAME AND NUMBER | 0607 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Mount Sterling - Maysville Rd - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 41.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1354 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/23/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.2% |
| Lightning- | 0.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 42.5% |
| Overload- | 0.0% |
| Planned Work- | 5.6% |
| Trees- | 51.1% |
| Utility Equipment- | 0.1% |
| Vehicle- | 0.1% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 102.10

10. 2013 SAIDI 162.76

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 1.10

12. 2013 SAIFI 1.29

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

Trees trimmed in 2013

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SALT LICK |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bath - 11457 US HWY 60 E - Salt Lick |
| 3. CIRCUIT NAME AND NUMBER | 0613 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Salt Lick - US HWY 60 - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 223 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/28/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.3% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 96.4% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 2.3% |
| Vehicle- | 0.0% |

| | | |
|---|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 121.47 |
| 10. 2013 SAIDI | | 87.81 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.96 |
| 12. 2013 SAIFI | | 1.03 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | ROCKWELL | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Clark – 5835 Rockwell Rd - Winchester | |
| 3. | CIRCUIT NAME AND NUMBER | 0624 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Winchester – Rockwell Rd. – W of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 0.6 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 9 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 100.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 8.78 |
| 10. | 2013 SAIDI | | 10.22 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.11 |
| 12. | 2013 SAIFI | | 0.11 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|--|-------|
| 1. | SUBSTATION NAME AND NUMBER | PARKER SEAL | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Clark - 390 Mt Sterling Rd - Winchester | |
| 3. | CIRCUIT NAME AND NUMBER | 0629 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Winchester - Mt Sterling Rd - NE & S of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 15.2 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 409 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 10/10/2011 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.1% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.8% | |
| | Overload- | 0.0% | |
| | Planned Work- | 5.0% | |
| | Trees- | 26.9% | |
| | Utility Equipment- | 66.9% | |
| | Vehicle- | 0.2% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 36.13 |
| 10. | 2013 SAIDI | | 51.39 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.68 |
| 12. | 2013 SAIFI | | 0.44 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | PARKER SEAL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Clark - 390 Mt Sterling Rd - Winchester |
| 3. CIRCUIT NAME AND NUMBER | 0631 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Winchester - Rolling Hills Ln - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 20.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 361 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/01/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 37.5% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 62.3% |
| Vehicle- | 0.0% |

| | | |
|-----------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 66.31 |
|-----------------------------------|--|-------|

| | | |
|----------------|--|--------|
| 10. 2013 SAIDI | | 338.01 |
|----------------|--|--------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.73 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 2.27 |
|----------------|--|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | WINCHESTER |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Clark - 2 Almond St - Winchester |
| 3. CIRCUIT NAME AND NUMBER | 0634 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Winchester - Maple St - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 251 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/03/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 5.6% |
| Overload- | 0.0% |
| Planned Work- | 21.9% |
| Trees- | 0.0% |
| Utility Equipment- | 72.5% |
| Vehicle- | 0.0% |

| | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 14.08 |
| 10. 2013 SAIDI | | 10.61 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.12 |
| 12. 2013 SAIFI | | 0.14 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | WINCHESTER SOUTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Clark - 105 Hood Ave - Winchester |
| 3. CIRCUIT NAME AND NUMBER | 0637 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Winchester - Belmont Ave & S Burns Ave - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 386 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/28/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 15.8% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 39.3% |
| Utility Equipment- | 44.9% |
| Vehicle- | 0.0% |

- | | |
|---|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 4.16 |
| 10. 2013 SAIDI | 6.06 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.05 |
| 12. 2013 SAIFI | 0.08 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|--------|
| 1. | SUBSTATION NAME AND NUMBER | BOONE AVENUE | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Clark - 660 Boone Ave. - Winchester | |
| 3. | CIRCUIT NAME AND NUMBER | 0639 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Winchester - By-Pass, Colby Rd, McClure Rd - NW of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 41.4 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1323 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 08/11/2012 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 11.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.3% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.1% | |
| | Trees- | 13.8% | |
| | Utility Equipment- | 74.8% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 56.87 |
| 10. | 2013 SAIDI | | 155.27 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.44 |
| 12. | 2013 SAIFI | | 1.45 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|---|---|-------|
| 1. SUBSTATION NAME AND NUMBER | EWINGTON | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Montgomery - 4006 Old Owingsville Rd - Mt Sterling | |
| 3. CIRCUIT NAME AND NUMBER | 0647 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Mt. Sterling - Owingsville Rd, Quisenberry Rd - N of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 9.7 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 67 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/18/2013 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 5.6% |
| | Construction- | 0.0% |
| | Lightning- | 12.4% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 0.0% |
| | Overload- | 0.0% |
| | Planned Work- | 0.0% |
| | Trees- | 74.0% |
| | Utility Equipment- | 8.0% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 35.51 |
| 10. 2013 SAIDI | | 70.75 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.38 |
| 12. 2013 SAIFI | | 0.49 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | STRINGTOWN |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Muhlenberg - 5995 Paradise Rd - Greenville |
| 3. CIRCUIT NAME AND NUMBER | 0652 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Greenville - Paradise Rd - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.85 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 9 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/02/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

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

| | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 83.11 |
| 10. 2013 SAIDI | | 35.00 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.36 |
| 12. 2013 SAIFI | | 1.00 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|----|---|---------------------------------------|
| 1. | SUBSTATION NAME AND NUMBER | SIMMONS |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Muhlenberg – US HWY 62W – Paradise |
| 3. | CIRCUIT NAME AND NUMBER | 0699 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Paradise –US HWY 62 – W of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 3.9 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 15 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 04/28/2012 |
| 8. | 2013 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) | 26.91 |
| 10. | 2013 SAIDI | 36.20 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.63 |
| 12. | 2013 SAIFI | 0.20 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CAMPBELLSBURG |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Henry - 379 Turners Station Rd. - Campbellsburg |
| 3. CIRCUIT NAME AND NUMBER | 0703 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Campbellsburg - St Hwy 193 & Webb Ln - W&E of Sub. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 50.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 927 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/27/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.0% |
| Lightning- | 30.7% |
| Non-Company- | 0.1% |
| Other/Unknown- | 2.0% |
| Overload- | 0.0% |
| Planned Work- | 0.3% |
| Trees- | 7.3% |
| Utility Equipment- | 59.4% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 139.22 |
| 10. 2013 SAIDI | 314.01 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.52 |
| 12. 2013 SAIFI | 2.45 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

RELIABILITY IMPROVEMENTS COMPLETED IN 2013

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | CARROLLTON 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Carroll - 802 Mason St - Carrollton |
| 3. CIRCUIT NAME AND NUMBER | 0707 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Carrollton - HWY 227 - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 29.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 755 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/01/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.4% |
| Construction- | 0.0% |
| Lightning- | 0.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 1.3% |
| Trees- | 0.0% |
| Utility Equipment- | 97.6% |
| Vehicle- | 0.1% |

| | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 74.62 |
| 10. 2013 SAIDI | 305.42 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.97 |
| 12. 2013 SAIFI | 2.95 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CARROLLTON 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Carroll - 802 Mason St - Carrollton |
| 3. CIRCUIT NAME AND NUMBER | 0708 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Carrollton - 11th St - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 15.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 775 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/01/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 12.9% |
| Construction- | 0.0% |
| Lightning- | 29.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 19.6% |
| Trees- | 4.7% |
| Utility Equipment- | 33.3% |
| Vehicle- | 0.0% |

| | | |
|-----------------------------------|--|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 9.37 |
|-----------------------------------|--|------|

| | | |
|----------------|--|-------|
| 10. 2013 SAIDI | | 14.56 |
|----------------|--|-------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.19 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 0.23 |
|----------------|--|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | DAYTON-WALTHER |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Carroll - 5220 Highway 42 E - Carrollton |
| 3. CIRCUIT NAME AND NUMBER | 0711 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Carrollton - US HWY 42 - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 6 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/01/2007 |
| 8. 2013 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) | 32.20 |
| 10. 2013 SAIDI | 76.00 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.40 |
| 12. 2013 SAIFI | 1.09 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | STANFORD NORTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lincoln - 300 Lee Dr - Stanford |
| 3. CIRCUIT NAME AND NUMBER | 0767 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Stanford - US Hwy 27, E Main St - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 582 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/20/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 2.7% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 21.1% |
| Overload- | 1.0% |
| Planned Work- | 21.0% |
| Trees- | 0.0% |
| Utility Equipment- | 53.6% |
| Vehicle- | 0.6% |

| | | |
|-----------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 12.71 |
|-----------------------------------|--|-------|

| | | |
|----------------|--|-------|
| 10. 2013 SAIDI | | 65.79 |
|----------------|--|-------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.14 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 0.63 |
|----------------|--|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | STANFORD NORTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lincoln - 300 Lee Dr - Stanford |
| 3. CIRCUIT NAME AND NUMBER | 0768 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Stanford - Danville Ave, Lancaster St - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 11.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 629 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/20/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 1.1% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 20.7% |
| Overload- | 0.0% |
| Planned Work- | 2.6% |
| Trees- | 6.6% |
| Utility Equipment- | 0.0% |
| Vehicle- | 69.0% |

| | | |
|-----------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 34.49 |
|-----------------------------------|--|-------|

| | | |
|----------------|--|-------|
| 10. 2013 SAIDI | | 46.24 |
|----------------|--|-------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.82 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 1.04 |
|----------------|--|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | HARRODSBURG NORTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Mercer - 1000 Warwick Rd - Harrodsburg |
| 3. CIRCUIT NAME AND NUMBER | 0773 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Harrodsburg - Warwick Rd, N Greenville St - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 189 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/13/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 42.2% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.7% |
| Trees- | 0.0% |
| Utility Equipment- | 57.1% |
| Vehicle- | 0.0% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 11.95 |
| 10. 2013 SAIDI | | 76.87 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.18 |
| 12. 2013 SAIFI | | 1.20 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | HARRODSBURG NORTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Mercer - 1000 Warwick Rd - Harrodsburg |
| 3. CIRCUIT NAME AND NUMBER | 0774 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Harrodsburg - Collin Dr - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 4 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/13/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

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

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 0.00 |
| 10. 2013 SAIDI | 20.29 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.00 |
| 12. 2013 SAIFI | 0.29 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|--|-------|
| 1. | SUBSTATION NAME AND NUMBER | CORPORATE DRIVE | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Clark - 4011 Corporate Dr - Winchester | |
| 3. | CIRCUIT NAME AND NUMBER | 0797 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Winchester - Enterprise Dr - ESE of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 0.8 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 3 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | Defoliated | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 100.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 12.97 |
| 10. | 2013 SAIDI | | 10.00 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.13 |
| 12. | 2013 SAIFI | | 0.33 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | DETROIT HARVESTER 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bourbon - 115 W 20th St - Paris |
| 3. CIRCUIT NAME AND NUMBER | 0802 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Paris - Bypass Rd, Cynthiana Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 25.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 219 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/15/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.7% |
| Construction- | 0.0% |
| Lightning- | 14.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.8% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 82.8% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 66.86

10. 2013 SAIDI 104.80

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.88

12. 2013 SAIFI 1.28

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|---|---|--------|
| 1. | SUBSTATION NAME AND NUMBER | PARIS 12KV | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bourbon - 520 Scott Ave - Paris | |
| 3. | CIRCUIT NAME AND NUMBER | 0806 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Paris - Cane Ridge Rd/KY 537, US HWY 68, & Bypass Rd - NE of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 115.0 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1018 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 06/01/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.5% | |
| | Construction- | 1.8% | |
| | Lightning- | 6.5% | |
| | Non-Company- | 0.1% | |
| | Other/Unknown- | 18.2% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.6% | |
| | Trees- | 29.8% | |
| | Utility Equipment- | 42.2% | |
| | Vehicle- | 0.4% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 108.72 |
| 10. | 2013 SAIDI | | 80.93 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.79 |
| 12. | 2013 SAIFI | | 0.84 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|--------|
| 1. | SUBSTATION NAME AND NUMBER | MILLERSBURG | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bourbon – Vimont Ln. – Millersburg | |
| 3. | CIRCUIT NAME AND NUMBER | 0807 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Millersburg – Vimont Ln, W 5th St – N of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 3.4 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 104 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 11/1/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 77.1% | |
| | Other/Unknown- | 21.9% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 0.7% | |
| | Utility Equipment- | 0.4% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 4.49 |
| 10. | 2013 SAIDI | | 154.84 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.07 |
| 12. | 2013 SAIFI | | 1.04 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | HANSON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hopkins - 235 Fowler Rd - Hanson |
| 3. CIRCUIT NAME AND NUMBER | 0811 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Hanson - US HWY 41 & City of Hanson - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 17.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 612 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/07/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.2% |
| Construction- | 0.0% |
| Lightning- | 27.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 65.1% |
| Overload- | 0.0% |
| Planned Work- | 2.8% |
| Trees- | 2.1% |
| Utility Equipment- | 1.4% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 22.06 |
| 10. 2013 SAIDI | 78.80 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.57 |
| 12. 2013 SAIFI | 2.35 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|--|-------|
| 1. | SUBSTATION NAME AND NUMBER | CROSSROADS | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hopkins - 1340 Amanda Ln - Nortonville | |
| 3. | CIRCUIT NAME AND NUMBER | 0813 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Nortonville – 1340 Amanda Ln - N of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 0.48 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 6 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 01/25/2013 | |
| 8. | 2013 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) | | 36.60 |
| 10. | 2013 SAIDI | | 19.67 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.20 |
| 12. | 2013 SAIFI | | 0.33 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|---|--|--------|
| 1. SUBSTATION NAME AND NUMBER | DOZIER HEIGHTS | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hopkins - 200 Claire Ln - Madisonville | |
| 3. CIRCUIT NAME AND NUMBER | 0816 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Madisonville - Sandcut Ln & Grapevine Rd - N&E of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 21.4 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 833 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/11/2013 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 5.3% |
| | Construction- | 6.2% |
| | Lightning- | 14.3% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 9.7% |
| | Overload- | 0.1% |
| | Planned Work- | 8.9% |
| | Trees- | 48.6% |
| | Utility Equipment- | 6.8% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 58.13 |
| 10. 2013 SAIDI | | 141.17 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.76 |
| 12. 2013 SAIFI | | 2.46 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Trees trimmed in 2013 | | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SYLVANIA 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Clark - 439 E Washington St - Winchester |
| 3. CIRCUIT NAME AND NUMBER | 0849 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Winchester - Ecton Rd- NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 43.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1021 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/15/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.8% |
| Construction- | 0.0% |
| Lightning- | 27.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.5% |
| Overload- | 0.6% |
| Planned Work- | 2.9% |
| Trees- | 19.1% |
| Utility Equipment- | 47.8% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 59.40 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 64.08 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.71 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.30 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | KAWNEER |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Harrison - RR 7 Box 729 White Oak Pike - Cynthiana |
| 3. CIRCUIT NAME AND NUMBER | 0856 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Cynthiana - Western Ave, Ladish Rd, Hwy 27 - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 426 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/14/2009 |

8. 2013 OUTAGES BY CAUSE
- | | |
|--------------------|-------|
| Animal- | 20.6% |
| Construction- | 0.0% |
| Lightning- | 1.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 64.8% |
| Trees- | 0.0% |
| Utility Equipment- | 12.4% |
| Vehicle- | 0.9% |

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 9.87 |
| 10. 2013 SAIDI | 11.66 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.11 |
| 12. 2013 SAIFI | 0.12 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | MACKVILLE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Washington - 4685 Texas Rd - Springfield |
| 3. CIRCUIT NAME AND NUMBER | 0866 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Springfield - Texas Mackville Rd - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 9.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 42 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/01/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 33.6% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 16.2% |
| Overload- | 49.8% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.5% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 67.34 |
| 10. 2013 SAIDI | 196.07 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.71 |
| 12. 2013 SAIFI | 1.00 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|---|---|
| 1. SUBSTATION NAME AND NUMBER | SHANNON RUN |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Woodford - 2770 Shannon Run Rd - Versailles |
| 3. CIRCUIT NAME AND NUMBER | 0868 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Versailles - Shannon Run, Lexington Rd, Pisgah Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 48.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 818 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/29/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 7.3% |
| Construction- | 0.2% |
| Lightning- | 44.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 11.3% |
| Overload- | 0.0% |
| Planned Work- | 2.1% |
| Trees- | 4.4% |
| Utility Equipment- | 30.5% |
| Vehicle- | 0.0% |

- | | |
|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 172.74 |
| 10. 2013 SAIDI | 190.62 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.38 |
| 12. 2013 SAIFI | 2.62 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | CYNTHIANA SOUTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Harrison - 460 Education Dr - Cynthiana |
| 3. CIRCUIT NAME AND NUMBER | 0880 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Cynthiana - New Lair Rd, Old Lair Rd, Ruddles Mill Pike, & Lake Rd - SE of Subst. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 21.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 207 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/21/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 1.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 75.2% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 20.5% |
| Utility Equipment- | 2.9% |
| Vehicle- | 0.0% |

| | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 41.39 |
| 10. 2013 SAIDI | | 98.86 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.39 |
| 12. 2013 SAIFI | | 1.37 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|-----|--|---|
| 1. | SUBSTATION NAME AND NUMBER | CYNTHIANA SOUTH |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Harrison - 460 Education Dr - Cynthiana |
| 3. | CIRCUIT NAME AND NUMBER | 0881 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Cynthiana - New Lair Rd, Hwy 27 - S of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 35.8 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 500 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 05/17/2012 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 0.9% |
| | Construction- | 0.0% |
| | Lightning- | 4.1% |
| | Non-Company- | 86.7% |
| | Other/Unknown- | 6.3% |
| | Overload- | 0.0% |
| | Planned Work- | 0.0% |
| | Trees- | 0.3% |
| | Utility Equipment- | 1.3% |
| | Vehicle- | 0.3% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 83.75 |
| 10. | 2013 SAIDI | 162.65 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.01 |
| 12. | 2013 SAIFI | 1.06 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | MAYSVILLE WEST |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Mason - 210 Cox Alley - Maysville |
| 3. CIRCUIT NAME AND NUMBER | 0901 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Maysville - Maddox Aly, 4th St, Plum St, Mulberry St- SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 413 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/11/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 88.4% |
| Trees- | 0.0% |
| Utility Equipment- | 11.6% |
| Vehicle- | 0.0% |

- | | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 7.31 |
| 10. 2013 SAIDI | | 23.96 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.11 |
| 12. 2013 SAIFI | | 0.20 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MAYSVILLE MID |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Mason - 314 Lexington St - Maysville |
| 3. CIRCUIT NAME AND NUMBER | 0907 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Maysville - Buckley Pl, Hwy 11, Bank St - W & S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 237 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/01/2009 |

8. 2013 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- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 76.2% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 23.32 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 44.71 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.25 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.84 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MAYSVILLE EAST |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Mason - 1107 Forest Ave - Maysville |
| 3. CIRCUIT NAME AND NUMBER | 0912 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Maysville - Clark St - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 43 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/12/2012 |

8. 2013 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) | 1.46 |
|-----------------------------------|------|

| | |
|----------------|------|
| 10. 2013 SAIDI | 5.02 |
|----------------|------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.02 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 0.09 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | BEAVER DAM NORTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Ohio - 129 Raines Ave. - Beaver Dam |
| 3. CIRCUIT NAME AND NUMBER | 0919 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Beaver Dam - US Hwy 231 - NE & SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 745 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/02/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 1.1% |
| Construction- | 0.0% |
| Lightning- | 11.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 7.4% |
| Overload- | 0.0% |
| Planned Work- | 3.9% |
| Trees- | 0.0% |
| Utility Equipment- | 76.4% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 63.86 |
|-----------------------------------|-------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 177.29 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.82 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.70 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | KENTON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Mason - 801 Kenton Station Rd - Maysville |
| 3. CIRCUIT NAME AND NUMBER | 0921 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Maysville - W Maple Leaf Rd, Jersey Ridge Rd - E&NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 20.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 857 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/12/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 14.4% |
| Construction- | 0.0% |
| Lightning- | 3.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 29.6% |
| Overload- | 0.0% |
| Planned Work- | 20.6% |
| Trees- | 0.0% |
| Utility Equipment- | 31.6% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 15.67 |
| 10. 2013 SAIDI | 24.87 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.26 |
| 12. 2013 SAIFI | 0.43 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | KENTON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Mason - 801 Kenton Station Rd - Maysville |
| 3. CIRCUIT NAME AND NUMBER | 0924 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Maysville - Old US 68, Clarks Run Rd, Slack Pike - S&W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 62.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 892 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/12/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.6% |
| Lightning- | 34.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 8.1% |
| Overload- | 0.0% |
| Planned Work- | 0.2% |
| Trees- | 55.1% |
| Utility Equipment- | 1.1% |
| Vehicle- | 0.0% |

| | | |
|---|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 184.89 |
| 10. 2013 SAIDI | | 170.16 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.41 |
| 12. 2013 SAIFI | | 1.69 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | PARKERS MILL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Fayette - 2085 Parkers Mill Rd - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 0939 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - Parkers Mill Rd - SW out of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 60.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1100 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/31/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.3% |
| Lightning- | 16.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 29.8% |
| Overload- | 0.0% |
| Planned Work- | 0.3% |
| Trees- | 39.8% |
| Utility Equipment- | 13.4% |
| Vehicle- | 0.0% |

| | | |
|------------------------------------|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 119.17 |
| 10. 2013 SAIDI | | 114.88 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.13 |
| 12. 2013 SAIFI | | 2.62 |

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

Trees trimmed in 2013

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | EWINGTON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Montgomery - 4005 Old Owingsville Rd - Mt Sterling |
| 3. CIRCUIT NAME AND NUMBER | 0968 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Mt Sterling - Owingsville Rd - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 13 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/18/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 13.2% |
| Construction- | 0.0% |
| Lightning- | 64.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 13.4% |
| Overload- | 0.0% |
| Planned Work- | 8.9% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 14.79

10. 2013 SAIDI 79.31

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.16

12. 2013 SAIFI 1.15

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | WEST HIGH STREET |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lexington - 727 West High St - Lexington |
| 3. CIRCUIT NAME AND NUMBER | 1102 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lexington - West High St - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 21 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/29/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

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

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 70.60 |
| 10. 2013 SAIDI | | 0.00 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.40 |
| 12. 2013 SAIFI | | 0.59 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--------------------------------------|
| 1. SUBSTATION NAME AND NUMBER | BARLOW |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Ballard - 433 Oscar Rd. - Barlow |
| 3. CIRCUIT NAME AND NUMBER | 1311 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Barlow - US Hwy 60 - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 25.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 703 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/31/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.4% |
| Construction- | 0.0% |
| Lightning- | 98.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.5% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.4% |
| Utility Equipment- | 0.3% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 79.32

10. 2013 SAIDI 199.03

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.82

12. 2013 SAIFI 1.07

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|------------------------------------|
| 1. SUBSTATION NAME AND NUMBER | BARLOW |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Ballard - 433 Oscar Rd. - Barlow |
| 3. CIRCUIT NAME AND NUMBER | 1312 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Barlow - N 6th St - City of Barlow |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 346 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/16/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 6.6% |
| Construction- | 0.0% |
| Lightning- | 5.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 25.0% |
| Overload- | 0.0% |
| Planned Work- | 16.7% |
| Trees- | 1.4% |
| Utility Equipment- | 44.6% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 54.82

10. 2013 SAIDI 57.23

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.47

12. 2013 SAIFI 1.21

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | CLINTON 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hickman - 318 Moss Drive - Clinton |
| 3. CIRCUIT NAME AND NUMBER | 1318 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Clinton - S Washington St, Mayfield Rd - E&SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 299 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/23/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 41.2% |
| Overload- | 0.0% |
| Planned Work- | 0.1% |
| Trees- | 1.7% |
| Utility Equipment- | 0.0% |
| Vehicle- | 56.7% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 168.26

10. 2013 SAIDI 255.87

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 1.63

12. 2013 SAIFI 2.03

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | GREENVILLE NORTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Muhlenberg - 501 HWY 189 Bypass - Greenville |
| 3. CIRCUIT NAME AND NUMBER | 1327 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Greenville - HWY 601, S R 181, & Luzerne Depoy Rd - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 41.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 798 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/02/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.7% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 9.6% |
| Overload- | 0.0% |
| Planned Work- | 23.3% |
| Trees- | 7.9% |
| Utility Equipment- | 0.3% |
| Vehicle- | 58.4% |

| | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 79.41 |
| 10. 2013 SAIDI | | 93.10 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.86 |
| 12. 2013 SAIFI | | 0.85 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|---|--|-------|
| 1. SUBSTATION NAME AND NUMBER | GREENVILLE NORTH | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Muhlenberg - 501 HWY 189 Bypass - Greenville | |
| 3. CIRCUIT NAME AND NUMBER | 1328 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Greenville - S R 176 & Paradise Rd/St - SE of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 45.8 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1136 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/30/2011 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 2.8% |
| | Construction- | 16.6% |
| | Lightning- | 3.3% |
| | Non-Company- | 0.5% |
| | Other/Unknown- | 54.6% |
| | Overload- | 0.0% |
| | Planned Work- | 6.2% |
| | Trees- | 12.4% |
| | Utility Equipment- | 3.1% |
| | Vehicle- | 0.6% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 99.03 |
| 10. 2013 SAIOI | | 59.72 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.61 |
| 12. 2013 SAIFI | | 2.06 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| RELIABILITY IMPROVEMENTS SCHEDULED FOR 2014 | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | CLAY - KU |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Webster - 62 W College St - Clay |
| 3. CIRCUIT NAME AND NUMBER | 1407 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Clay – Main St, Taylor St, & Lisman St- NE & SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 10.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 454 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/24/2009 |

8. 2013 OUTAGES BY CAUSE

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

| | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 10.04 |
| 10. 2013 SAIDI | 8.16 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.11 |
| 12. 2013 SAIFI | 0.12 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | CORYDON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Henderson - 5430 Greenlick Rd - Corydon |
| 3. CIRCUIT NAME AND NUMBER | 1428 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Corydon - Hwy 266, Hwy 136 - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 227 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/25/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 4.8% |
| Construction- | 0.0% |
| Lightning- | 0.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 89.1% |
| Overload- | 0.0% |
| Planned Work- | 3.9% |
| Trees- | 0.0% |
| Utility Equipment- | 1.4% |
| Vehicle- | 0.0% |

| | | |
|-----------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 33.51 |
|-----------------------------------|--|-------|

| | | |
|----------------|--|-------|
| 10. 2013 SAIDI | | 95.99 |
|----------------|--|-------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.36 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 1.12 |
|----------------|--|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|--|--|---------------|
| 1. SUBSTATION NAME AND NUMBER | CORYDON | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Henderson - 5430 Greenlick Rd - Corydon | |
| 3. CIRCUIT NAME AND NUMBER | 1429 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Corydon - King Mill Rd - W of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.4 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 41 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/27/2012 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% |
| | Construction- | 0.0% |
| | Lightning- | 4.3% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 0.0% |
| | Overload- | 0.0% |
| | Planned Work- | 95.7% |
| | Trees- | 0.0% |
| | Utility Equipment- | 0.0% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 117.21 |
| 10. 2013 SAIDI | | 38.37 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.52 |
| 12. 2013 SAIFI | | 0.54 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | CORYDON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Henderson - 5430 Greenlick Rd - Corydon |
| 3. CIRCUIT NAME AND NUMBER | 1431 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Corydon – Green Lick Rd - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 17.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 460 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/29/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 1.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 25.5% |
| Overload- | 0.0% |
| Planned Work- | 19.0% |
| Trees- | 54.4% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 49.51 |
| 10. 2013 SAIDI | | 24.55 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.27 |
| 12. 2013 SAIFI | | 0.69 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | SPENCER CHEMICAL 12KV | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Henderson – Old Geneva Rd - Henderson | |
| 3. | CIRCUIT NAME AND NUMBER | 1438 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Henderson – Old Geneva Rd – W of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 0.4 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 12/26/2009 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 100.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 0.00 |
| 10. | 2013 SAIDI | | 55.00 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.00 |
| 12. | 2013 SAIFI | | 1.00 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | TUNNEL HILL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Henderson - 12990 HWY 416 W - Corydon |
| 3. CIRCUIT NAME AND NUMBER | 1443 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Corydon - US HWY 41 A & S R 416 - N & E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 24.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 396 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/03/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 2.2% |
| Construction- | 0.0% |
| Lightning- | 6.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 16.5% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 15.6% |
| Utility Equipment- | 59.5% |
| Vehicle- | 0.0% |

| | | |
|------------------------------------|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 119.69 |
| 10. 2013 SAIDI | | 53.77 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.26 |
| 12. 2013 SAIFI | | 1.32 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | MANITOU | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hopkins - 7615 Nebo Rd - Nebo | |
| 3. | CIRCUIT NAME AND NUMBER | 1450 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Nebo - US 41 ALT & State HWY 1034 - W of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 15.4 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 280 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 04/10/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 15.8% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 83.8% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.4% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 50.96 |
| 10. | 2013 SAIDI | | 28.53 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.18 |
| 12. | 2013 SAIFI | | 0.31 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MANITOU |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hopkins - 7615 Nebo Rd - Nebo |
| 3. CIRCUIT NAME AND NUMBER | 1451 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Nebo - US 41 ALT & Happy Ln - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 138 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/10/2013 |

| | |
|--------------------------|-------|
| 8. 2013 OUTAGES BY CAUSE | |
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 2.6% |
| Other/Unknown- | 47.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 50.4% |

| | | |
|------------------------------------|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 53.96 |
| 10. 2013 SAIDI | | 112.08 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.68 |
| 12. 2013 SAIFI | | 2.07 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | ZION |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Henderson - 7485 HWY 351 - Henderson |
| 3. CIRCUIT NAME AND NUMBER | 1468 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Henderson - HWY 351 & Spring Garden Rd - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 719 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/26/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.7% |
| Construction- | 23.0% |
| Lightning- | 10.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.2% |
| Overload- | 1.5% |
| Planned Work- | 3.5% |
| Trees- | 2.2% |
| Utility Equipment- | 58.4% |
| Vehicle- | 0.0% |

- | | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 30.88 |
| 10. 2013 SAIDI | | 49.92 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.32 |
| 12. 2013 SAIFI | | 0.35 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

1. **SUBSTATION NAME AND NUMBER** CROFTON
 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Christian - 13770 Madisonville Rd - Crofton
 3. **CIRCUIT NAME AND NUMBER** 1491
 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Crofton - Madisonville Rd, W Princeton St, W Mill St - S of Subst
 5. **TOTAL CIRCUIT LENGTH (MILES)** 6.5
 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 351
 7. **DATE OF LAST CIRCUIT TRIM (VM)** 03/08/2013

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 4.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 3.6% |
| Overload- | 0.0% |
| Planned Work- | 92.1% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

| | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 66.31 |
| 10. 2013 SAIDI | 175.20 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.70 |
| 12. 2013 SAIFI | 1.45 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | KUTTAWA |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lyon - 3487 Lake Barkley Dr - Kuttawa |
| 3. CIRCUIT NAME AND NUMBER | 1502 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Kuttawa - Mary Blue Rd, State HWY 93, & US HWY 62 - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 126 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/06/2010 |

| | |
|--------------------------|-------|
| 8. 2013 OUTAGES BY CAUSE | |
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 1.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 9.4% |
| Utility Equipment- | 89.5% |
| Vehicle- | 0.0% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 50.51 |
| 10. 2013 SAIDI | | 45.02 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.37 |

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 0.43 |
|----------------|--|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | EDDYVILLE PRISON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lyon - 328 Water St - Eddyville |
| 3. CIRCUIT NAME AND NUMBER | 1503 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Eddyville - HWY 93, HWY 1055, Perry Springs Rd, E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 61.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 867 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/10/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 1.2% |
| Construction- | 0.0% |
| Lightning- | 2.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 2.0% |
| Overload- | 0.0% |
| Planned Work- | 2.5% |
| Trees- | 90.4% |
| Utility Equipment- | 0.8% |
| Vehicle- | 0.8% |

| | | |
|------------------------------------|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 137.61 |
| 10. 2013 SAIDI | | 95.72 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.29 |
| 12. 2013 SAIFI | | 1.39 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** CEDAR BLUFF
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Caldwell - 10195 Hopkinsville Rd - Princeton
- 3. **CIRCUIT NAME AND NUMBER** 1515
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Princeton - Hopkinsville Rd, Sandlick Rd, Hwy 91 - E/NW of Subs
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 9.2
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 82
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 11/03/2012
- 8. **2013 OUTAGES BY CAUSE**

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

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 111.75
- 10. **2013 SAIDI** 74.64
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.31
- 12. **2013 SAIFI** 0.85

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | CLAXTON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Caldwell - 1600 Jones-Keeney Rd - Princeton |
| 3. CIRCUIT NAME AND NUMBER | 1519 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Princeton - Mt Hebron Rd, Dearing Cem. Rd - W & E of Subst. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 12.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 53 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/11/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 1.3% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.1% |
| Overload- | 0.0% |
| Planned Work- | 10.1% |
| Trees- | 48.6% |
| Utility Equipment- | 39.9% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 60.28 |
|-----------------------------------|-------|

| | |
|----------------|-------|
| 10. 2013 SAIDI | 89.39 |
|----------------|-------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.38 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.52 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | DAWSON 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hopkins - 203 Parker St - Dawson Springs |
| 3. CIRCUIT NAME AND NUMBER | 1529 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Dawson Springs - Mill Dam Rd, Mt Hebron Rd, Hwy 672 - W & SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 27.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 446 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/14/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.5% |
| Construction- | 0.0% |
| Lightning- | 6.6% |
| Non-Company- | 0.3% |
| Other/Unknown- | 1.9% |
| Overload- | 0.0% |
| Planned Work- | 79.4% |
| Trees- | 11.3% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

| | | |
|---|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 187.63 |
| 10. 2013 SAIDI | | 199.76 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.55 |
| 12. 2013 SAIFI | | 1.67 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | DAWSON 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hopkins - 203 Parker St - Dawson Springs |
| 3. CIRCUIT NAME AND NUMBER | 1530 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Dawson Springs - Hospital Rd - NE & SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 25.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 522 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/14/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 2.5% |
| Construction- | 1.0% |
| Lightning- | 0.2% |
| Non-Company- | 22.5% |
| Other/Unknown- | 1.3% |
| Overload- | 0.2% |
| Planned Work- | 2.3% |
| Trees- | 1.0% |
| Utility Equipment- | 5.8% |
| Vehicle- | 63.2% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 83.74

10. 2013 SAIDI 87.07

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 1.01

12. 2013 SAIFI 1.49

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | DAWSON INDUSTRIAL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hopkins - 100 Industrial Park Rd - Dawson Springs |
| 3. CIRCUIT NAME AND NUMBER | 1533 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Dawson Springs - Rosedale Ln, Hwy 109 , Hwy 1220 - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 12.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 377 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/25/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 97.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.2% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.9% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 14.78

10. 2013 SAIDI 22.10

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.20

12. 2013 SAIFI 0.13

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | GRAHAM |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Muhlenberg - 5230 S R 175 S - Greenville |
| 3. CIRCUIT NAME AND NUMBER | 1602 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Greenville - Ford Ln, US HWY 62 McNary Rd - SW & SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 28.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 421 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/20/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

- | | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 9.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 10.6% |
| Planned Work- | 1.3% |
| Trees- | 9.5% |
| Utility Equipment- | 3.9% |
| Vehicle- | 64.9% |

- | | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 52.00 |
| 10. 2013 SAIDI | 348.65 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.62 |
| 12. 2013 SAIFI | 3.87 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | SHAVERS CHAPEL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Muhlenberg - 7870 S R 181 N - Bremen |
| 3. CIRCUIT NAME AND NUMBER | 1609 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Bremen - S R 181, Buttermilk Rd, S R 175, & S R 81 - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 85.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1667 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/30/2009 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.4% |
| Construction- | 0.0% |
| Lightning- | 21.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 40.3% |
| Overload- | 0.0% |
| Planned Work- | 0.9% |
| Trees- | 5.1% |
| Utility Equipment- | 30.4% |
| Vehicle- | 1.2% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 113.24

10. 2013 SAIDI 291.90

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 1.12

12. 2013 SAIFI 3.36

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

RELIABILITY IMPROVEMENTS COMPLETED IN 2013

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | GREENVILLE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Muhlenberg - 117 E Depot St - Greenville |
| 3. CIRCUIT NAME AND NUMBER | 1622 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Greenville - W Depot St, N Cherry St, & Short St - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 420 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/19/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 2.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 9.7% |
| Overload- | 0.0% |
| Planned Work- | 6.4% |
| Trees- | 2.3% |
| Utility Equipment- | 78.8% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 15.97 |
| 10. 2013 SAIDI | 10.62 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.17 |
| 12. 2013 SAIFI | 0.19 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CENTRAL CITY |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Muhlenberg - 106 Pendleton St - Central City |
| 3. CIRCUIT NAME AND NUMBER | 1646 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Central City - E Reservoir St, N Railroad St, E Broad St - S/E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 9.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 596 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/06/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 2.9% |
| Non-Company- | 9.3% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 77.7% |
| Trees- | 0.0% |
| Utility Equipment- | 10.1% |
| Vehicle- | 0.0% |

| | | |
|------------------------------------|--|------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 4.98 |
| 10. 2013 SAIDI | | 5.67 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.08 |
| 12. 2013 SAIFI | | 0.05 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | BEECH CREEK 1 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Muhlenberg - 169 Beech Creek Browder Rd - Beech Creek |
| 3. CIRCUIT NAME AND NUMBER | 1668 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Beech Creek - Arnold Hill Rd, State Route 1163 - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 22.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 305 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/07/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 84.1% |
| Overload- | 0.0% |
| Planned Work- | 9.0% |
| Trees- | 0.8% |
| Utility Equipment- | 6.1% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 33.83

10. 2013 SAIDI 106.20

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.48

12. 2013 SAIFI 0.51

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | DRAKESBORO |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Muhlenberg - 201 S Mine St - Drakesboro |
| 3. CIRCUIT NAME AND NUMBER | 1673 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Drakesboro - Simmons St, S R 176, Merle Travis Hwy - SW of Subs |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 17.28 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 291 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/29/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 22.4% |
| Construction- | 0.0% |
| Lightning- | 0.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 52.2% |
| Overload- | 0.2% |
| Planned Work- | 1.0% |
| Trees- | 0.1% |
| Utility Equipment- | 23.5% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 232.04 |
| 10. 2013 SAIDI | 264.59 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 2.01 |
| 12. 2013 SAIFI | 3.30 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | DRAKESBORO |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Muhlenberg - 201 S Mine St - Drakesboro |
| 3. CIRCUIT NAME AND NUMBER | 1674 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Drakesboro - Broad St, SR 2107, & Big Springs Rd - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 11.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 389 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/19/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 23.6% |
| Overload- | 39.3% |
| Planned Work- | 10.1% |
| Trees- | 0.5% |
| Utility Equipment- | 26.5% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 15.09 |
| 10. 2013 SAIDI | 49.99 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.55 |
| 12. 2013 SAIFI | 1.22 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MARION |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Crittenden - 106 Sparmill Rd - Marion |
| 3. CIRCUIT NAME AND NUMBER | 1714 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Marion - E Depot St, E Bellville St, & Old Shady Grove Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 522 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/02/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.1% |
| Lightning- | 24.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.1% |
| Overload- | 0.0% |
| Planned Work- | 1.3% |
| Trees- | 38.6% |
| Utility Equipment- | 34.6% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 46.39

10. 2013 SAIDI 96.13

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.47

12. 2013 SAIFI 0.60

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | SUNOCO |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Union - 2823 S R 130 S - Morganfield |
| 3. CIRCUIT NAME AND NUMBER | 1731 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Morganfield - S R 130 & Adamson Rd - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 24.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 197 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/30/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.5% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.0% |
| Overload- | 0.0% |
| Planned Work- | 0.3% |
| Trees- | 98.0% |
| Utility Equipment- | 0.2% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 31.66 |
| 10. 2013 SAIDI | 163.38 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.38 |
| 12. 2013 SAIFI | 0.60 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SUNOCO |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Union - 2823 S R 130 S - Morganfield |
| 3. CIRCUIT NAME AND NUMBER | 1732 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Morganfield - S R 130 - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 29 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/30/2009 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 29.1% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 70.9% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 9.58 |
| 10. 2013 SAIDI | 55.26 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.13 |
| 12. 2013 SAIFI | 0.63 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | SUNOCO |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Union - 2823 S R 130 S - Morganfield |
| 3. CIRCUIT NAME AND NUMBER | 1733 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Morganfield - Robinson Rd & US HWY 60 - SSE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 39 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/30/2009 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 81.3% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 4.5% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 14.2% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 11.70

10. 2013 SAIDI 37.74

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.09

12. 2013 SAIFI 1.04

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** MORGANFIELD INDUSTRIAL
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 3324 U S HWY 60 E - Morganfield
- 3. **CIRCUIT NAME AND NUMBER** 1762
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Morganfield - US HWY 60, Blessed Martin Rd, & King Mill Rd - NE of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 22.3
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 212
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 09/30/2009
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.7% |
| Construction- | 0.0% |
| Lightning- | 5.7% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.7% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 3.6% |
| Utility Equipment- | 0.1% |
| Vehicle- | 89.2% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 101.36
- 10. **2013 SAIDI** 199.29
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.94
- 12. **2013 SAIFI** 1.71

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | WAVERLY |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Union - 178 Blessed Martin Rd - Waverly |
| 3. CIRCUIT NAME AND NUMBER | 1764 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Waverly - E Main St, S Maple St, & E Market St - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 169 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/30/2009 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.6% |
| Trees- | 0.0% |
| Utility Equipment- | 99.4% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 1.56 |
| 10. 2013 SAIDI | 41.26 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.02 |
| 12. 2013 SAIFI | 1.01 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | WAVERLY |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Union - 178 Blessed Martin Rd - Waverly |
| 3. CIRCUIT NAME AND NUMBER | 1765 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Waverly - Blessed Martin Rd - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.05 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 5 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/30/2009 |
| 8. 2013 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) | 8.67 |
| 10. 2013 SAIDI | 16.00 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.42 |
| 12. 2013 SAIFI | 0.20 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** MANNINGTON
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Christian - 2535 Mannington Loop - Mannington
- 3. **CIRCUIT NAME AND NUMBER** 1801
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Mannington - HWY 407 & US 41- E of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 3.7
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 27
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 02/28/2013

- 8. **2013 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)** 154.22
- 10. **2013 SAIDI** 768.74
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.65
- 12. **2013 SAIFI** 1.19

13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | MANNINGTON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Christian - 2535 Mannington Loop - Mannington |
| 3. CIRCUIT NAME AND NUMBER | 1802 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Mannington - HWY 407, Daniel Boone Rd, & Possum Pocket Rd- NW & SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.64 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 146 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/28/2013 |
| 8. 2013 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) | | 143.76 |
| 10. 2013 SAIDI | | 744.43 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.22 |
| 12. 2013 SAIFI | | 1.01 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | ATOKA |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Boyle - 20 Parksville Cross Pike - Danville |
| 3. CIRCUIT NAME AND NUMBER | 2102 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Danville – Parksville Cross Pike & Lebanon Rd - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 11.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 198 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/01/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 2.7% |
| Construction- | 0.0% |
| Lightning- | 22.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 46.4% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 27.2% |
| Utility Equipment- | 1.1% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 20.51

10. 2013 SAIDI 46.40

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.37

12. 2013 SAIFI 0.40

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | BUENA VISTA |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Garrard - 164 High Bridge Rd. - Lancaster |
| 3. CIRCUIT NAME AND NUMBER | 2104 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lancaster - High Bridge Rd, Pine Crest Rd, & Camp Dix Rd - NW & SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 34.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 575 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/25/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.1% |
| Overload- | 0.0% |
| Planned Work- | 2.0% |
| Trees- | 95.2% |
| Utility Equipment- | 2.4% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 49.67 |
| 10. 2013 SAIDI | 28.39 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.44 |
| 12. 2013 SAIFI | 1.15 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CRAB ORCHARD |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lincoln - 635 KY HWY 39 N - Crab Orchard |
| 3. CIRCUIT NAME AND NUMBER | 2108 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Crab Orchard - KY 39 - NNW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 122 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/01/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.4% |
| Construction- | 0.0% |
| Lightning- | 99.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.1% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 15.11

10. 2013 SAIDI 332.01

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.17

12. 2013 SAIFI 1.08

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | DANVILLE INDUSTRIAL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Boyle - 1866 S Danville Bypass - Danville |
| 3. CIRCUIT NAME AND NUMBER | 2117 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Danville - S Danville Bypass & Denmark Rd- SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 208 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/01/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 82.7% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 17.3% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 9.08

10. 2013 SAIDI 64.65

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.21

12. 2013 SAIFI 0.67

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** HARRODSBURG 1
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 231 N Chiles St - Harrodsburg
- 3. **CIRCUIT NAME AND NUMBER** 2126
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Harrodsburg - W Broadway St, Chiles St, & Hill St - W of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 3.9
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 482
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 09/13/2012
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 9.3% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 90.7% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 28.18
- 10. **2013 SAIDI** 20.83
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.28
- 12. **2013 SAIFI** 0.28

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

1. **SUBSTATION NAME AND NUMBER** HARRODSBURG 3
 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 1020 N College St - Harrodsburg
 3. **CIRCUIT NAME AND NUMBER** 2132
 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Harrodsburg - Louisville Rd & Sleepy Hollow Rd - N of Substation
 5. **TOTAL CIRCUIT LENGTH (MILES)** 23.9
 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 675
 7. **DATE OF LAST CIRCUIT TRIM (VM)** 09/13/2012

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 55.5% |
| Construction- | 0.0% |
| Lightning- | 28.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 14.1% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.9% |
| Utility Equipment- | 1.1% |
| Vehicle- | 0.0% |

| | | |
|-----------|---------------------------------------|--------------|
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 10.92 |
| 10 | 2013 SAIDI | 18.61 |
| 11 | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.15 |
| 12 | 2013 SAIFI | 0.37 |

13 LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | HARRODSBURG 3 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Mercer - 1020 N College St - Harrodsburg |
| 3. CIRCUIT NAME AND NUMBER | 2134 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Harrodsburg - Tapp Rd, Moberly Rd, & Mackville Rd - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 20.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 923 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/13/2012 |

8. 2013 OUTAGES BY CAUSE
- | | |
|--------------------|-------|
| Animal- | 2.1% |
| Construction- | 0.0% |
| Lightning- | 10.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 76.0% |
| Overload- | 0.0% |
| Planned Work- | 0.5% |
| Trees- | 2.4% |
| Utility Equipment- | 6.3% |
| Vehicle- | 2.7% |

- | | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 20.90 |
| 10. 2013 SAIDI | 112.14 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.19 |
| 12. 2013 SAIFI | 1.38 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | KENTUCKY STATE HOSPITAL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Boyle - 4180 Shakertown Rd - Danville |
| 3. CIRCUIT NAME AND NUMBER | 2138 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Danville - Shakertown Rd, Faulkner Ln, & Curdsville Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 32.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 487 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/01/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.4% |
| Construction- | 0.0% |
| Lightning- | 55.7% |
| Non-Company- | 0.5% |
| Other/Unknown- | 1.7% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 16.4% |
| Utility Equipment- | 24.3% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 40.85 |
| 10. 2013 SAIDI | 105.02 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.55 |
| 12. 2013 SAIFI | 1.22 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MOUNT VERNON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Rockcastle - 56 Old Somerset Rd - Mt. Vernon |
| 3. CIRCUIT NAME AND NUMBER | 2144 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Mt. Vernon - Hysinger Hollow Rd, W Main St& Richmond St - ENE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 13.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 737 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/08/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 10.3% |
| Construction- | 0.0% |
| Lightning- | 49.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 4.8% |
| Overload- | 0.0% |
| Planned Work- | 3.8% |
| Trees- | 24.1% |
| Utility Equipment- | 7.7% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT S YEAR AVERAGE (SAIDI) | 24.72 |
| 10. 2013 SAIDI | 40.43 |
| 11. CIRCUIT S YEAR AVERAGE (SAIFI) | 0.16 |
| 12. 2013 SAIFI | 0.40 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | MOUNT VERNON |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Rockcastle - 56 Old Somerset Rd - Mt. Vernon |
| 3. CIRCUIT NAME AND NUMBER | 2145 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Mt. Vernon - W Main St & N Hwy 461 - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 245 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/01/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 2.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.1% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.5% |
| Utility Equipment- | 0.0% |
| Vehicle- | 97.4% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 43.56

10. 2013 SAIDI 534.07

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.40

12. 2013 SAIFI 1.17

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | PINE HILL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Rockcastle - 501 Flat Rock Rd - Mt. Vernon |
| 3. CIRCUIT NAME AND NUMBER | 2147 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Mt. Vernon - S Wilderness Rd & Main St - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 18.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 390 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/05/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 28.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 2.9% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 64.8% |
| Utility Equipment- | 2.2% |
| Vehicle- | 2.0% |

| | |
|------------------------------------|---------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 132.39 |
| 10. 2013 SAIDI | 1212.99 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.59 |
| 12. 2013 SAIFI | 4.01 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SALVISA |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Mercer - 4455 Louisville Rd - Salvisa |
| 3. CIRCUIT NAME AND NUMBER | 2150 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Salvisa - Main St, Louisville Rd, & Talmage Rd - NW & SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 38.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 683 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/26/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.6% |
| Construction- | 0.0% |
| Lightning- | 24.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 36.4% |
| Overload- | 0.0% |
| Planned Work- | 0.1% |
| Trees- | 18.8% |
| Utility Equipment- | 19.9% |
| Vehicle- | 0.1% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 27.78

10. 2013 SAIDI 284.87

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.37

12. 2013 SAIFI 2.50

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** SHAKERTOWN
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 3499 Lexington Rd - Harrodsburg
- 3. **CIRCUIT NAME AND NUMBER** 2151
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Harrodsburg - Shakertown Rd & Handy Pike - S of the Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 31.0
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 310
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 11/26/2012
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.0% |
| Lightning- | 2.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 23.1% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 21.7% |
| Utility Equipment- | 0.1% |
| Vehicle- | 52.7% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 118.70
- 10. **2013 SAIDI** 377.28
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.15
- 12. **2013 SAIFI** 2.32
- 13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | SHAKERTOWN |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Mercer - 3499 Lexington Rd - Harrodsburg |
| 3. CIRCUIT NAME AND NUMBER | 2152 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Harrodsburg - Lexington Rd & Sexton Rd - SW of the Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 12.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 71 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/26/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 70.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 30.0% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 58.78

10. 2013 SAIDI 81.52

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.85

12. 2013 SAIFI 0.56

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | RICHMOND 2 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Madison - 200 Fairview St - Richmond |
| 3. CIRCUIT NAME AND NUMBER | 2154 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Richmond - Big Hill Ave, Boggs Ln, & Richmond East - SE of the Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 904 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/26/2009 |

| | |
|--------------------------|-------|
| 8. 2013 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- | 13.7% |
| Trees- | 0.0% |
| Utility Equipment- | 86.3% |
| Vehicle- | 0.0% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 15.42 |
| 10. 2013 SAIDI | | 53.22 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.23 |
| 12. 2013 SAIFI | | 0.16 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | RICHMOND 3 4KV | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Madison - 950 Vickers Dr - Richmond | |
| 3. | CIRCUIT NAME AND NUMBER | 2161 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Richmond - Eastern Byp, Boggs Ln, & Opal Dr - E of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 4.6 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 258 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 09/26/2009 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 0.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 100.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 8.52 |
| 10. | 2013 SAIDI | | 16.60 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.23 |
| 12. | 2013 SAIFI | | 0.11 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|--|-------|
| 1. | SUBSTATION NAME AND NUMBER | RICHMOND 2 | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Madison - 200 Fairview St - Richmond | |
| 3. | CIRCUIT NAME AND NUMBER | 2162 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Madison - Big Hill Ave, Hallie Irvine St, & Gibson Ln - NW & S of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 3.9 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 732 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 09/26/2009 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 37.2% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 3.5% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.1% | |
| | Trees- | 2.5% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 56.7% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 35.02 |
| 10. | 2013 SAIDI | | 35.50 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.40 |
| 12. | 2013 SAIFI | | 0.41 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|--|--------|
| 1. | SUBSTATION NAME AND NUMBER | CAMPBELLSVILLE 1 | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Taylor - 101 Old Greensburg Rd. - Campbellsville | |
| 3. | CIRCUIT NAME AND NUMBER | 2204 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Campbellsville - New Columbia Rd - S of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 12.3 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 60 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 06/01/2011 | |
| 8. | 2013 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) | | 93.33 |
| 10. | 2013 SAIDI | | 382.05 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.43 |
| 12. | 2013 SAIFI | | 2.28 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | CAMPBELLSVILLE 1 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Taylor - 101 Old Greensburg Rd. - Campbellsville |
| 3. CIRCUIT NAME AND NUMBER | 2205 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Campbellsville - HWY 3350 Bypass - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 17.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1234 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/01/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 7.5% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 24.8% |
| Overload- | 0.0% |
| Planned Work- | 1.5% |
| Trees- | 62.9% |
| Utility Equipment- | 2.8% |
| Vehicle- | 0.4% |

| | | |
|-----------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 22.26 |
|-----------------------------------|--|-------|

| | | |
|----------------|--|-------|
| 10. 2013 SAIDI | | 79.53 |
|----------------|--|-------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.38 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 0.78 |
|----------------|--|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | LEBANON EAST |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Marion - 541 Corporate Dr. - Lebanon |
| 3. CIRCUIT NAME AND NUMBER | 2206 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lebanon - Corporate Dr, N Spalding Ave/KY 55, & City of Lebanon - W of Sub. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 807 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/31/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

- | | |
|--------------------|-------|
| Animal- | 59.3% |
| Construction- | 0.0% |
| Lightning- | 18.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.4% |
| Overload- | 0.0% |
| Planned Work- | 5.0% |
| Trees- | 12.4% |
| Utility Equipment- | 4.0% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 29.74 |
| 10. 2013 SAIDI | 59.20 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.38 |
| 12. 2013 SAIFI | 0.56 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | GREENSBURG |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Green - 424 Old Hodgenville Rd - Greensburg |
| 3. CIRCUIT NAME AND NUMBER | 2214 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Greensburg - Buckner Hill Rd, Hawthorne Rd, HWY 1464, & HWY 88 - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 19.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 213 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/02/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.4% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 75.1% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 23.1% |
| Utility Equipment- | 1.5% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 25.29 |
| 10. 2013 SAIDI | 87.64 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.26 |
| 12. 2013 SAIFI | 0.62 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|---|--|-------|
| 1. SUBSTATION NAME AND NUMBER | RUSSELL SPRINGS | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Russell - 1183 HWY 1870 - Russell Springs | |
| 3. CIRCUIT NAME AND NUMBER | 2222 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Russell Springs - Old Columbia Rd, KY 80, Lakeway Dr, & Maple St - E of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 18.9 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 969 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/11/2014 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 18.5% |
| | Construction- | 0.0% |
| | Lightning- | 3.3% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 0.0% |
| | Overload- | 0.0% |
| | Planned Work- | 5.9% |
| | Trees- | 61.2% |
| | Utility Equipment- | 11.0% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 20.67 |
| 10. 2013 SAIDI | | 47.82 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.28 |
| 12. 2013 SAIFI | | 0.36 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|--|---|--------------|
| 1. SUBSTATION NAME AND NUMBER | SPRINGFIELD | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Washington - 107 Commercial Ave - Springfield | |
| 3. CIRCUIT NAME AND NUMBER | 2225 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Springfield - State HWY 55 - N of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 11.8 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 208 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/01/2010 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- 0.0% | |
| | Construction- 0.0% | |
| | Lightning- 4.2% | |
| | Non-Company- 0.0% | |
| | Other/Unknown- 0.0% | |
| | Overload- 0.0% | |
| | Planned Work- 0.0% | |
| | Trees- 92.0% | |
| | Utility Equipment- 3.7% | |
| | Vehicle- 0.0% | |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 31.21 |
| 10. 2013 SAIDI | | 41.86 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.45 |
| 12. 2013 SAIFI | | 0.36 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | WOODLAWN |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Nelson – 285 Spencer Mattingly Ln. – Bardstown |
| 3. CIRCUIT NAME AND NUMBER | 2232 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Bardstown - My Old KY Home St Park & Gilkey Run Rd - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 130 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/05/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 3.0% |
| Construction- | 0.0% |
| Lightning- | 55.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 41.9% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 46.04 |
| 10. 2013 SAIDI | 127.44 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.41 |
| 12. 2013 SAIFI | 1.12 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | RICHMOND 1 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Madison - 315 Clay Dr - Richmond |
| 3. CIRCUIT NAME AND NUMBER | 2237 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Richmond - Westover Ave & Tates Creek Rd - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 785 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/02/2009 |

8. 2013 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- | 11.6% |
| Trees- | 2.2% |
| Utility Equipment- | 0.0% |
| Vehicle- | 86.2% |

| | | |
|-----------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 14.97 |
|-----------------------------------|--|-------|

| | | |
|----------------|--|-------|
| 10. 2013 SAIDI | | 79.07 |
|----------------|--|-------|

| | | |
|------------------------------------|--|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.33 |
|------------------------------------|--|------|

| | | |
|----------------|--|------|
| 12. 2013 SAIFI | | 1.06 |
|----------------|--|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|--|--------|
| 1. | SUBSTATION NAME AND NUMBER | BEATTYVILLE 4KV | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lee - 950 W Main St. - Beattyville | |
| 3. | CIRCUIT NAME AND NUMBER | 2300 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Beattyville - River Dr, Proctor Rd, Broadway, & South Fork Rd - SE of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 9.6 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 470 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 12/04/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 1.5% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.4% | |
| | Trees- | 75.8% | |
| | Utility Equipment- | 22.2% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 63.35 |
| 10. | 2013 SAIDI | | 365.38 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.42 |
| 12. | 2013 SAIFI | | 2.30 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | BEATTYVILLE 4KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lee - 950 W Main St. - Beattyville |
| 3. CIRCUIT NAME AND NUMBER | 2301 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Beattyville - W Main St, Lee Ave, & Grand Ave - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 263 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/25/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 8.0% |
| Overload- | 0.0% |
| Planned Work- | 4.1% |
| Trees- | 87.7% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 79.42 |
| 10. 2013 SAIDI | 243.14 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.62 |
| 12. 2013 SAIFI | 0.65 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---------------------------------------|
| 1. SUBSTATION NAME AND NUMBER | OKONITE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Madison - 1742 Berea Rd - Richmond |
| 3. CIRCUIT NAME AND NUMBER | 2306 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Richmond - Berea Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 3.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 159 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/16/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 91.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 5.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 3.8% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 17.04 |
| 10. 2013 SAIDI | 29.47 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.19 |
| 12. 2013 SAIFI | 0.25 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | PAIN T LICK |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Garrard - 11811 HWY 52 E - Paint Lick |
| 3. CIRCUIT NAME AND NUMBER | 2309 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Paint Lick - HWY 52, Kirksville Rd, & Curtis Pike - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 17.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 299 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/26/2009 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 51.5% |
| Construction- | 0.0% |
| Lightning- | 0.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 13.1% |
| Overload- | 0.0% |
| Planned Work- | 1.6% |
| Trees- | 22.5% |
| Utility Equipment- | 11.3% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 331.98 |
| 10. 2013 SAIDI | 131.40 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.38 |
| 12. 2013 SAIFI | 1.75 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | RED HOUSE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Madison - 3858 Boonesboro Rd - Richmond |
| 3. CIRCUIT NAME AND NUMBER | 2311 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Richmond - Lost Fork Rd, Red House Rd, & Boonesboro Rd - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 9.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 105 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/11/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 12.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 5.7% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 65.4% |
| Utility Equipment- | 16.1% |
| Vehicle- | 0.0% |

| | | |
|---|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 36.21 |
| 10. 2013 SAIDI | | 52.50 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.42 |
| 12. 2013 SAIFI | | 0.39 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | RED HOUSE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Madison - 3858 Boonesboro Rd - Richmond |
| 3. CIRCUIT NAME AND NUMBER | 2312 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Richmond - HWY 627, Simpson Ln, & Lexington Rd - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 46.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1049 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 02/02/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.0% |
| Lightning- | 10.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 86.8% |
| Overload- | 0.0% |
| Planned Work- | 0.4% |
| Trees- | 0.1% |
| Utility Equipment- | 2.3% |
| Vehicle- | 0.2% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 70.09

10. 2013 SAIDI 153.78

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.43

12. 2013 SAIFI 1.01

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | RICHMOND SOUTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Madison - 464 Eastern Bypass - Richmond |
| 3. CIRCUIT NAME AND NUMBER | 2323 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Richmond - S Killarney Dr, Barnes Mill Rd, & Martin Dr - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 655 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/30/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 1.7% |
| Trees- | 0.4% |
| Utility Equipment- | 96.8% |
| Vehicle- | 1.0% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 16.86 |
| 10. 2013 SAIDI | | 17.36 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.31 |
| 12. 2013 SAIFI | | 0.15 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | RICHMOND 1 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Madison - 315 Clay Dr - Richmond |
| 3. CIRCUIT NAME AND NUMBER | 2328 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Richmond - Georgia St, N 2nd St, & Golfview Dr - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 7.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 756 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.8% |
| Trees- | 80.1% |
| Utility Equipment- | 18.3% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 37.09

10. 2013 SAIDI 132.27

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.53

12. 2013 SAIFI 1.32

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

Tree trim scheduled for 2014

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | RICHMOND 1 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Madison - 315 Clay Dr - Richmond |
| 3. CIRCUIT NAME AND NUMBER | 2329 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Richmond - Sunset Ave & Kirksville Rd - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 42.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1461 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/21/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.5% |
| Construction- | 0.0% |
| Lightning- | 1.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.3% |
| Overload- | 0.0% |
| Planned Work- | 93.8% |
| Trees- | 1.1% |
| Utility Equipment- | 1.9% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 133.25 |
| 10. 2013 SAIDI | 154.68 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.04 |
| 12. 2013 SAIFI | 1.23 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | RINEYVILLE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hardin – Rineyville Big Springs Rd - Radcliff |
| 3. CIRCUIT NAME AND NUMBER | 2334 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Radcliff - Rineyville Big Springs Rd & Rineyville Rd - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 26.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 713 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/30/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.5% |
| Construction- | 0.0% |
| Lightning- | 0.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 67.4% |
| Overload- | 0.0% |
| Planned Work- | 0.3% |
| Trees- | 30.2% |
| Utility Equipment- | 0.8% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 25.71 |
| 10. 2013 SAIDI | 360.92 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.28 |
| 12. 2013 SAIFI | 2.13 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Tree trim scheduled for 2014

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | ELIZABETHTOWN 4 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hardin - 201 Sportsman Lake Rd - Elizabethtown |
| 3. CIRCUIT NAME AND NUMBER | 2419 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Elizabethtown - Sportsman Lake Rd & Hodgenville Rd - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 23.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 712 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/30/2009 |

| | |
|--------------------------|-------|
| 8. 2013 OUTAGES BY CAUSE | |
| Animal- | 7.7% |
| Construction- | 0.0% |
| Lightning- | 0.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 47.1% |
| Overload- | 0.0% |
| Planned Work- | 6.3% |
| Trees- | 6.0% |
| Utility Equipment- | 31.6% |
| Vehicle- | 0.8% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 36.73 |
| 10. 2013 SAIDI | | 37.85 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.48 |
| 12. 2013 SAIFI | | 0.52 |

13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | ELIZABETHTOWN 5 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hardin - 800 N Mulberry St - Elizabethtown |
| 3. CIRCUIT NAME AND NUMBER | 2421 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Elizabethtown - N Mulberry Ave, Quince Aly, & Wall St - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 4.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 704 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/26/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 2.7% |
| Construction- | 0.0% |
| Lightning- | 6.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 5.0% |
| Trees- | 86.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 29.69 |
| 10. 2013 SAIDI | | 69.80 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.36 |
| 12. 2013 SAIFI | | 1.11 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | ELIZABETHTOWN 5 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hardin - 800 N Mulberry St - Elizabethtown |
| 3. CIRCUIT NAME AND NUMBER | 2423 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Elizabethtown - Brooks Str, N Main St, & Guthrie St - S & E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 5.7 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 549 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/21/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 2.0% |
| Construction- | 0.0% |
| Lightning- | 93.5% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.8% |
| Trees- | 3.7% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

| | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 44.55 |
| 10. 2013 SAIDI | 89.88 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.56 |
| 12. 2013 SAIFI | 1.08 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | ELIZABETHTOWN WEST |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hardin - 300 College Street Rd - Elizabethtown |
| 3. CIRCUIT NAME AND NUMBER | 2426 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Elizabethtown - College Street Rd & Peters Dr - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 364 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/25/2010 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 14.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 42.8% |
| Overload- | 0.0% |
| Planned Work- | 2.7% |
| Trees- | 25.3% |
| Utility Equipment- | 14.6% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 45.81 |
| 10. 2013 SAIDI | 153.29 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.52 |
| 12. 2013 SAIFI | 2.85 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | | |
|----|--|---|
| 1. | SUBSTATION NAME AND NUMBER | HORSE CAVE |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hart - 501 Shewey Ave - Horse Cave |
| 3. | CIRCUIT NAME AND NUMBER | 2432 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Horse Cave - Maple St, US 31 W & Owen Street - SW of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 16.7 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 730 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 05/31/2013 |
| 8. | 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.2% |
| Construction- | 0.0% |
| Lightning- | 21.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 20.2% |
| Overload- | 0.0% |
| Planned Work- | 1.4% |
| Trees- | 55.3% |
| Utility Equipment- | 1.8% |
| Vehicle- | 0.0% |

- | | | |
|-----|---------------------------------------|--------|
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 140.01 |
| 10. | 2013 SAIDI | 115.68 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.23 |
| 12. | 2013 SAIFI | 1.91 |

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

Trees trimmed in 2013

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | HORSE CAVE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hart - 501 Shewey Ave - Horse Cave |
| 3. CIRCUIT NAME AND NUMBER | 2434 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Cave City - Old Glasgow Rd, 9 th St, KY 70, 3 rd St, & Dixie Hwy- SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 15.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 628 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/07/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 6.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 86.4% |
| Overload- | 0.0% |
| Planned Work- | 0.1% |
| Trees- | 1.4% |
| Utility Equipment- | 5.3% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 54.18 |
| 10. 2013 SAIDI | 165.16 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.44 |
| 12. 2013 SAIFI | 1.20 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | HORSE CAVE | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hart - 501 Shewey Ave - Horse Cave | |
| 3. | CIRCUIT NAME AND NUMBER | 2435 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Horse Cave - E Main St, KY 218, & US HWY 31 E - E of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 18.2 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 361 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 10/12/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 4.1% | |
| | Construction- | 0.0% | |
| | Lightning- | 1.7% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 54.3% | |
| | Overload- | 0.0% | |
| | Planned Work- | 2.4% | |
| | Trees- | 27.2% | |
| | Utility Equipment- | 1.1% | |
| | Vehicle- | 9.2% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 27.67 |
| 10. | 2013 SAIDI | | 38.58 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.22 |
| 12. | 2013 SAIFI | | 0.35 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | HORSE CAVE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hart - 501 Shewey Ave - Horse Cave |
| 3. CIRCUIT NAME AND NUMBER | 2436 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Hiseville - Old Glasgow Rd & Hiseville Main St - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 27.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 351 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 10/19/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.4% |
| Construction- | 0.0% |
| Lightning- | 1.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 32.2% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 3.3% |
| Utility Equipment- | 47.4% |
| Vehicle- | 15.7% |

| | | |
|---|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 74.86 |
| 10. 2013 SAIDI | | 367.12 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.72 |
| 12. 2013 SAIFI | | 2.76 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** MILLWOOD
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Grayson - 6649 Beaver Dam Rd - Millwood
- 3. **CIRCUIT NAME AND NUMBER** 2441
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Millwood - US HWY 62, School House Rd, & Rock Quarry Rd - NE of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 11.4
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 170
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 10/01/2011
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 2.1% |
| Construction- | 0.0% |
| Lightning- | 79.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 2.5% |
| Utility Equipment- | 16.0% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.81
- 10. **2013 SAIDI** 21.38
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.11
- 12. **2013 SAIFI** 0.20
- 13. **LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | MUNFORDVILLE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hart - 75 Gorin Mill Rd - Munfordville |
| 3. CIRCUIT NAME AND NUMBER | 2442 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Munfordville - Mill St, KY 88, US 31 W, & HWY 571 - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 25.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 509 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 12/31/2008 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.2% |
| Construction- | 5.6% |
| Lightning- | 3.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 13.1% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 4.3% |
| Utility Equipment- | 53.2% |
| Vehicle- | 19.4% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 38.53 |
| 10. 2013 SAIDI | 137.23 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.32 |
| 12. 2013 SAIFI | 0.79 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | NEW HAVEN |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Nelson - 256 Lyons Station Rd - New Haven |
| 3. CIRCUIT NAME AND NUMBER | 2444 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | New Haven - 3rd St, Center St, New Hope Rd, & Rogers Rd - ESE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 24.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 573 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/26/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.7% |
| Construction- | 0.0% |
| Lightning- | 3.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 26.7% |
| Overload- | 0.0% |
| Planned Work- | 0.7% |
| Trees- | 0.4% |
| Utility Equipment- | 59.8% |
| Vehicle- | 8.7% |

| | | |
|---|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 58.38 |
| 10. 2013 SAIDI | | 141.25 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.83 |
| 12. 2013 SAIFI | | 1.22 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | RADCLIFF |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hardin - 677 N Wilson Rd - Radcliff |
| 3. CIRCUIT NAME AND NUMBER | 2448 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Radcliff - N Dixie Blvd & N Wilson Rd - NW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 625 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/31/2011 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 4.9% |
| Non-Company- | 16.6% |
| Other/Unknown- | 0.5% |
| Overload- | 0.0% |
| Planned Work- | 2.9% |
| Trees- | 0.0% |
| Utility Equipment- | 2.1% |
| Vehicle- | 73.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 48.34 |
| 10. 2013 SAIDI | 119.11 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.71 |
| 12. 2013 SAIFI | 1.13 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|--------|
| 1. | SUBSTATION NAME AND NUMBER | RIO | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hart - 301 Glen Lily Rd E - Munfordville | |
| 3. | CIRCUIT NAME AND NUMBER | 2450 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Munfordville - E US 31, Eve Rd, & Pikeview Rd - N of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 13.1 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 166 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 11/07/2009 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 2.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.1% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 3.5% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 94.4% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 106.41 |
| 10. | 2013 SAIDI | | 537.62 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.93 |
| 12. | 2013 SAIFI | | 2.15 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Tree trim scheduled for 2014 | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|--|--------|
| 1. | SUBSTATION NAME AND NUMBER | RIO | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hart - 301 Glen Lily Rd E - Munfordville | |
| 3. | CIRCUIT NAME AND NUMBER | 2451 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Munfordville - E US 31, S Jackson HWY & J McGuire Rd - S of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 16.4 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 263 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 11/14/2009 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.3% | |
| | Construction- | 0.0% | |
| | Lightning- | 18.8% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 21.8% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.4% | |
| | Trees- | 58.6% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 102.10 |
| 10. | 2013 SAIDI | | 393.80 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.88 |
| 12. | 2013 SAIFI | | 1.86 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Tree trim scheduled for 2014

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | ELIZABETHTOWN INDUSTRIAL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hardin - 111 Ring Rd - Elizabethtown |
| 3. CIRCUIT NAME AND NUMBER | 2464 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Elizabethtown - N Black Branch Rd & Enterprise Dr - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 1.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 14 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/03/2010 |

8. 2013 OUTAGES BY CAUSE

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

| | | |
|------------------------------------|--|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 21.26 |
| 10. 2013 SAIDI | | 36.43 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.19 |
| 12. 2013 SAIFI | | 0.14 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | HORSE CAVE INDUSTRIAL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hart - 400 Cherry St - Horse Cave |
| 3. CIRCUIT NAME AND NUMBER | 2469 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Horse Cave - Hatcher Valley Rd, Toohey Ridge Rd, & Park Ridge Rd - W of Subs. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 20.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 106 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/31/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 11.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 41.9% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 44.4% |
| Utility Equipment- | 2.7% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 255.45 |
| 10. 2013 SAIDI | 199.51 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.97 |
| 12. 2013 SAIFI | 1.33 |

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

Trees trimmed in 2014

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|--|-------|
| 1. | SUBSTATION NAME AND NUMBER | RADCLIFF SOUTH | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hardin - 100 Energy Dr. - Radcliff | |
| 3. | CIRCUIT NAME AND NUMBER | 2470 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Hardin - S Wilson Rd, Miller Ave, & Shelton Rd - N of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 12.9 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1001 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 03/03/2009 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 3.3% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 1.0% | |
| | Overload- | 24.9% | |
| | Planned Work- | 1.2% | |
| | Trees- | 69.7% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 40.14 |
| 10. | 2013 SAIDI | | 43.33 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.42 |
| 12. | 2013 SAIFI | | 0.39 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|---|---|
| 1. SUBSTATION NAME AND NUMBER | HORSE CAVE INDUSTRIAL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hart - 400 Cherry St - Horse Cave |
| 3. CIRCUIT NAME AND NUMBER | 2474 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Horse Cave - Butler Rd & Top Quality Dr - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 30 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/07/2013 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 11.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 27.0% |
| Trees- | 28.0% |
| Utility Equipment- | 34.0% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 19.67

10. 2013 SAIDI 58.58

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.17

12. 2013 SAIFI 0.75

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | BLACK BRANCH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hardin - 1220 N Black Branch Rd - Elizabethtown |
| 3. CIRCUIT NAME AND NUMBER | 2477 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Elizabethtown- City of Elizabethtown, W Main St, & St. Paul Rd- NE & SW of Subs. |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 28.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 674 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/30/2009 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 1.8% |
| Construction- | 0.0% |
| Lightning- | 36.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.2% |
| Overload- | 0.0% |
| Planned Work- | 0.2% |
| Trees- | 58.9% |
| Utility Equipment- | 1.3% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 12.80 |
| 10. 2013 SAIDI | 40.70 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.14 |
| 12. 2013 SAIFI | 0.39 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|----|--|--|
| 1. | SUBSTATION NAME AND NUMBER | LAGRANGE PENAL |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Oldham - 3011 W Highway 146 - La Grange |
| 3. | CIRCUIT NAME AND NUMBER | 2513 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | La Grange - HWY 146, Jefferson St, & Allen Ln - NE of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 23.9 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1227 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 11/01/2011 |

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 8.1% |
| Non-Company- | 0.0% |
| Other/Unknown- | 7.9% |
| Overload- | 0.0% |
| Planned Work- | 0.3% |
| Trees- | 11.3% |
| Utility Equipment- | 72.1% |
| Vehicle- | 0.0% |

9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 57.34

10. **2013 SAIDI** 303.45

11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.64

12. **2013 SAIFI** 1.33

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | LAGRANGE PENAL |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Oldham - 3011 W Highway 146 - La Grange |
| 3. CIRCUIT NAME AND NUMBER | 2514 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | La Grange - Dawkins Rd & Fendley Mill Rd - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.2 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 155 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 01/21/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 95.3% |
| Non-Company- | 0.0% |
| Other/Unknown- | 4.7% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 142.46 |
| 10. 2013 SAIDI | 463.77 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.25 |
| 12. 2013 SAIFI | 1.21 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | LAWRENCEBURG 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Anderson - 108 E Broadway st - Lawrenceburg |
| 3. CIRCUIT NAME AND NUMBER | 2515 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Lawrenceburg - Fox Creek Rd - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 34.9 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1833 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 11/05/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 25.2% |
| Construction- | 0.0% |
| Lightning- | 8.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 1.7% |
| Overload- | 0.0% |
| Planned Work- | 5.4% |
| Trees- | 23.2% |
| Utility Equipment- | 0.0% |
| Vehicle- | 35.9% |

- | | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 147.36 |
| 10. 2013 SAIDI | 60.43 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.01 |
| 12. 2013 SAIFI | 1.22 |

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

RELIABILITY IMPROVEMENTS SCHEDULED FOR 2014

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SHELBYVILLE 12KV |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Shelby - 1201 Willow St - Shelbyville |
| 3. CIRCUIT NAME AND NUMBER | 2520 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Shelbyville - KY 43, KY 12 & Washington St - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 49.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1289 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/23/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 7.6% |
| Lightning- | 33.7% |
| Non-Company- | 0.1% |
| Other/Unknown- | 0.4% |
| Overload- | 0.0% |
| Planned Work- | 2.6% |
| Trees- | 4.1% |
| Utility Equipment- | 2.0% |
| Vehicle- | 49.4% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 180.18 |
| 10. 2013 SAIDI | 184.72 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.53 |
| 12. 2013 SAIFI | 2.72 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|----|--|---|
| 1. | SUBSTATION NAME AND NUMBER | SHELBYVILLE EAST |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Shelby - 183 Boone Station Rd - Shelbyville |
| 3. | CIRCUIT NAME AND NUMBER | 2522 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Shelbyville - KY 60, HWY 395, & Benson Pike - E of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 52.3 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1628 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 06/01/2010 |
| 8. | 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 5.5% |
| Construction- | 0.0% |
| Lightning- | 1.4% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.6% |
| Overload- | 0.0% |
| Planned Work- | 0.5% |
| Trees- | 1.1% |
| Utility Equipment- | 85.7% |
| Vehicle- | 5.1% |

| | | |
|-----|--|-------|
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 50.17 |
| 10. | 2013 SAIDI | 43.44 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.59 |
| 12. | 2013 SAIFI | 2.24 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SHELBYVILLE EAST |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Shelby - 183 Boone Station Rd - Shelbyville |
| 3. CIRCUIT NAME AND NUMBER | 2523 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Shelbyville - Williamsburg Rd, Alpine Dr, & Hudson Blvd - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 10.0 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 673 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 04/27/2013 |

8. 2013 OUTAGES BY CAUSE
- | | |
|--------------------|-------|
| Animal- | 1.1% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 45.5% |
| Overload- | 0.0% |
| Planned Work- | 0.2% |
| Trees- | 0.0% |
| Utility Equipment- | 53.2% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 4.39 |
| 10. 2013 SAIDI | 17.12 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.04 |
| 12. 2013 SAIFI | 0.19 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | SIMPSONVILLE | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Shelby - 6801 Shelbyville Rd - Simpsonville | |
| 3. | CIRCUIT NAME AND NUMBER | 2528 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Simpsonville - Shelbyville Rd, Champion Way, Veechdale Rd & US 60 - SW/E of Sub | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 84.1 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 1211 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 04/01/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.6% | |
| | Construction- | 0.0% | |
| | Lightning- | 14.8% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 81.0% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.3% | |
| | Trees- | 2.5% | |
| | Utility Equipment- | 0.4% | |
| | Vehicle- | 0.3% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 91.86 |
| 10. | 2013 SAIDI | | 98.95 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.08 |
| 12. | 2013 SAIFI | | 0.54 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | TAYLORSVILLE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Spencer - 1604 Elk Creek Rd - Taylorsville |
| 3. CIRCUIT NAME AND NUMBER | 2529 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Taylorsville - Elk Creek Rd, KY 55, & Hwy 1633 - N of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 49.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 980 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/01/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.1% |
| Construction- | 0.0% |
| Lightning- | 7.0% |
| Non-Company- | 0.6% |
| Other/Unknown- | 89.3% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 0.0% |
| Utility Equipment- | 3.0% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 102.96 |
|-----------------------------------|--------|

| | |
|----------------|--------|
| 10. 2013 SAIDI | 124.96 |
|----------------|--------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.66 |
|------------------------------------|------|

| | |
|----------------|------|
| 12. 2013 SAIFI | 1.42 |
|----------------|------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | TAYLORSVILLE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Spencer - 1604 Elk Creek Rd - Taylorsville |
| 3. CIRCUIT NAME AND NUMBER | 2530 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Taylorsville - Elk Creek Rd & Bloomfield Rd - SE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 26.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 804 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 07/07/2011 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.3% |
| Construction- | 0.0% |
| Lightning- | 3.8% |
| Non-Company- | 0.0% |
| Other/Unknown- | 2.1% |
| Overload- | 0.0% |
| Planned Work- | 2.8% |
| Trees- | 0.3% |
| Utility Equipment- | 90.6% |
| Vehicle- | 0.0% |

| | | |
|------------------------------------|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 57.65 |
| 10. 2013 SAIDI | | 332.06 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.60 |
| 12. 2013 SAIFI | | 3.26 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | SHELBYVILLE EAST |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Shelby - 183 Boone Station Rd - Shelbyville |
| 3. CIRCUIT NAME AND NUMBER | 2533 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Shelbyville - KY 53, KY 44, & Mill St - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 49.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 1291 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/01/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 33.4% |
| Construction- | 0.0% |
| Lightning- | 0.9% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 18.4% |
| Trees- | 0.0% |
| Utility Equipment- | 47.3% |
| Vehicle- | 0.0% |

- | | |
|------------------------------------|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 74.41 |
| 10. 2013 SAIDI | 16.18 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.67 |
| 12. 2013 SAIFI | 0.78 |

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|--|-------|
| 1. | SUBSTATION NAME AND NUMBER | EMINENCE | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Henry - 1257 Ballardsville Rd - Eminence | |
| 3. | CIRCUIT NAME AND NUMBER | 2535 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Eminence - Giltner Rd, Smithfield Rd, & Hwy 22 - W of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 14.8 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 239 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 07/14/2012 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 50.9% | |
| | Non-Company- | 1.6% | |
| | Other/Unknown- | 44.3% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 0.0% | |
| | Vehicle- | 3.2% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 29.91 |
| 10. | 2013 SAIDI | | 27.79 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.33 |
| 12. | 2013 SAIFI | | 0.36 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SHELBYVILLE SOUTH |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Shelby - 614 Mack Walters Rd - Shelbyville |
| 3. CIRCUIT NAME AND NUMBER | 2537 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Shelby - Old Finchville Rd, Hwy 55, & Gordon Ln - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 10.1 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 227 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 03/23/2013 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 7.3% |
| Construction- | 0.0% |
| Lightning- | 32.6% |
| Non-Company- | 0.0% |
| Other/Unknown- | 59.1% |
| Overload- | 0.0% |
| Planned Work- | 0.9% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- | | |
|---|-------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 9.13 |
| 10. 2013 SAIDI | 30.11 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.10 |
| 12. 2013 SAIFI | 0.23 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | Bear Track-Yellow Rock |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Lee - 7722 KY 52 - Beattyville |
| 3. CIRCUIT NAME AND NUMBER | 3404 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Beattyville - New Yellow Rock Rd - SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 2.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 78 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/01/2009 |

8. 2013 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- | 0.0% |
| Trees- | 87.8% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 259.33

10. 2013 SAIDI 835.69

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 1.53

12. 2013 SAIFI 1.97

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

Tree trim scheduled for 2014

**Kentucky Utilities Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** Hardesty Tap
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 825 Huckleberry Rd - Dawson Springs
- 3. **CIRCUIT NAME AND NUMBER** 3413
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Dawson Springs - Race Track Rd, Coal Mine Rd, & Mill Dam Rd - S of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 12.4
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 809
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 2011
- 8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 8.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 92.0% |
| Trees- | 0.0% |
| Utility Equipment- | 0.0% |
| Vehicle- | 0.0% |

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 122.86
- 10. **2013 SAIDI** 106.47
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.65
- 12. **2013 SAIFI** 4.98

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | Earlington - Oak Hill (Sec 3B) |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Hopkins - 202 Russ Hill Rd - Nortonville |
| 3. CIRCUIT NAME AND NUMBER | 3418 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Nortonville - Daniel Boone Rd & Hwy 41 Alt, & Hwy 62 - S of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 18.5 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 3154 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 48.3% |
| Lightning- | 6.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 0.0% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 35.1% |
| Utility Equipment- | 10.3% |
| Vehicle- | 0.0% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 105.70

10. 2013 SAIDI 417.20

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 1.65

12. 2013 SAIFI 2.54

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** Princeton - Hardesty Tap
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Caldwell - 320 Marion Rd - Princeton
- 3. **CIRCUIT NAME AND NUMBER** 3423
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Princeton - Watson Rd, Mt. Hebron Rd, & Mill Dam Rd - E of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 16.7
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 896
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 2012

- 8. **2013 OUTAGES BY CAUSE**
 - Animal- 0.0%
 - Construction- 0.0%
 - Lightning- 29.8%
 - Non-Company- 0.0%
 - Other/Unknown- 0.0%
 - Overload- 0.0%
 - Planned Work- 70.2%
 - Trees- 0.0%
 - Utility Equipment- 0.0%
 - Vehicle- 0.0%

- 9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 34.27
- 10. **2013 SAIDI** 53.98
- 11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.38
- 12. **2013 SAIFI** 1.98

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|-----|---|--|
| 1. | SUBSTATION NAME AND NUMBER | SHAWNEE GAS 12KV |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Harlan - Ball Park Rd - Harlan |
| 3. | CIRCUIT NAME AND NUMBER | 4402 |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Harlan - Hwy 421 & Hwy 990 - E of Substation |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 21.3 |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 492 |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 02/11/2011 |
| 8. | 2013 OUTAGES BY CAUSE | |
| | Animal- | 0.2% |
| | Construction- | 1.5% |
| | Lightning- | 0.0% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 39.2% |
| | Overload- | 0.0% |
| | Planned Work- | 0.1% |
| | Trees- | 49.8% |
| | Utility Equipment- | 9.3% |
| | Vehicle- | 0.0% |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | 129.91 |
| 10. | 2013 SAIDI | 246.21 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.58 |
| 12. | 2013 SAIFI | 1.48 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |
| | Continue to monitor | |

**Kentucky Utilities Company
2013 Reliability Report**

- 1. **SUBSTATION NAME AND NUMBER** HARLAN 12KV
- 2. **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Corner of River St and Rain St - Harlan
- 3. **CIRCUIT NAME AND NUMBER** 4406
- 4. **CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)** Harlan - US HWY 413 - N of Substation
- 5. **TOTAL CIRCUIT LENGTH (MILES)** 40.4
- 6. **CUSTOMER COUNT FOR THIS CIRCUIT** 1209
- 7. **DATE OF LAST CIRCUIT TRIM (VM)** 10/07/2013

8. **2013 OUTAGES BY CAUSE**

| | |
|--------------------|-------|
| Animal- | 0.4% |
| Construction- | 0.0% |
| Lightning- | 30.9% |
| Non-Company- | 0.1% |
| Other/Unknown- | 5.4% |
| Overload- | 0.0% |
| Planned Work- | 0.7% |
| Trees- | 59.4% |
| Utility Equipment- | 3.2% |
| Vehicle- | 0.0% |

9. **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 147.07

10. **2013 SAIDI** 417.52

11. **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.91

12. **2013 SAIFI** 3.53

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

Trees trimmed in 2013

**Kentucky Utilities Company
2013 Reliability Report**

| | | |
|---|--|--------|
| 1. SUBSTATION NAME AND NUMBER | HARLAN 12KV | |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Harlan - Corner of River St and Rain St - Harlan | |
| 3. CIRCUIT NAME AND NUMBER | 4407 | |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Harlan - State HWY 38 - SW of Substation | |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.0 | |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 186 | |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 08/09/2013 | |
| 8. 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.3% |
| | Construction- | 0.0% |
| | Lightning- | 39.1% |
| | Non-Company- | 0.0% |
| | Other/Unknown- | 3.1% |
| | Overload- | 0.0% |
| | Planned Work- | 53.0% |
| | Trees- | 3.0% |
| | Utility Equipment- | 1.4% |
| | Vehicle- | 0.0% |
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 246.92 |
| 10. 2013 SAIDI | | 528.99 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 2.74 |
| 12. 2013 SAIFI | | 3.40 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|---|-------|
| 1. | SUBSTATION NAME AND NUMBER | HARLAN WYE 4KV | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Harlan - Sunshine Pike Rd just W of US HWY 421 - Harlan | |
| 3. | CIRCUIT NAME AND NUMBER | 4411 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Harlan - US HWY 421 - E of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 4.5 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 394 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 06/21/2013 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 0.0% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 44.2% | |
| | Overload- | 2.4% | |
| | Planned Work- | 0.0% | |
| | Trees- | 0.0% | |
| | Utility Equipment- | 50.7% | |
| | Vehicle- | 2.7% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 15.83 |
| 10. | 2013 SAIDI | | 17.86 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.30 |
| 12. | 2013 SAIFI | | 0.28 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | EVARTS |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Harlan - 1600 Block of Hwy 215 - Evarts |
| 3. CIRCUIT NAME AND NUMBER | 4475 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Evarts - Hwy 215 & City of Evarts - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 10.3 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 639 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/15/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 3.5% |
| Overload- | 88.5% |
| Planned Work- | 2.4% |
| Trees- | 0.0% |
| Utility Equipment- | 5.7% |
| Vehicle- | 0.0% |

| | |
|------------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIOI) | 332.79 |
| 10. 2013 SAIDI | 216.66 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 2.50 |
| 12. 2013 SAIFI | 3.86 |

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

RELIABILITY IMPROVEMENTS SCHEDULED FOR 2014

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|---|
| 1. SUBSTATION NAME AND NUMBER | EVARTS |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Harlan - 1600 Block of Hwy 215 - Evarts |
| 3. CIRCUIT NAME AND NUMBER | 4476 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Evarts - Hwy 215 - E of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 15.6 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 490 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/12/2012 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 0.0% |
| Other/Unknown- | 2.2% |
| Overload- | 0.0% |
| Planned Work- | 0.0% |
| Trees- | 65.3% |
| Utility Equipment- | 32.4% |
| Vehicle- | 0.0% |

| | |
|-----------------------------------|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 494.98 |
|-----------------------------------|--------|

| | |
|----------------|---------|
| 10. 2013 SAIDI | 4318.63 |
|----------------|---------|

| | |
|------------------------------------|------|
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 2.59 |
|------------------------------------|------|

| | |
|----------------|-------|
| 12. 2013 SAIFI | 17.94 |
|----------------|-------|

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | VERDA |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Harlan - Corner of School St - Everts |
| 3. CIRCUIT NAME AND NUMBER | 4479 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Everts - Hwy 38, Nolan Ln, & Ages Creek Rd - W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 14.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 494 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/07/2012 |
| 8. 2013 OUTAGES BY CAUSE | |

| | |
|--------------------|-------|
| Animal- | 0.0% |
| Construction- | 0.0% |
| Lightning- | 0.0% |
| Non-Company- | 2.2% |
| Other/Unknown- | 47.4% |
| Overload- | 31.0% |
| Planned Work- | 0.7% |
| Trees- | 1.3% |
| Utility Equipment- | 1.3% |
| Vehicle- | 16.0% |

- | | |
|---|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | 192.14 |
| 10. 2013 SAIDI | 284.56 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | 1.96 |
| 12. 2013 SAIFI | 2.32 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

- | | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SOMERSET 3 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - 125 Young St. - Somerset |
| 3. CIRCUIT NAME AND NUMBER | 4501 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Somerset - E Mt. Vernon St & Eller St - E & SW of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 8.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 742 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 09/01/2010 |

8. 2013 OUTAGES BY CAUSE

| | |
|--------------------|-------|
| Animal- | 1.7% |
| Construction- | 0.0% |
| Lightning- | 67.2% |
| Non-Company- | 0.0% |
| Other/Unknown- | 11.6% |
| Overload- | 0.0% |
| Planned Work- | 10.6% |
| Trees- | 0.3% |
| Utility Equipment- | 5.2% |
| Vehicle- | 3.5% |

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 26.41

10. 2013 SAIDI 71.31

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.57

12. 2013 SAIFI 1.93

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

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | | | |
|-----|--|--|-------|
| 1. | SUBSTATION NAME AND NUMBER | SOMERSET 3 | |
| 2. | SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - 125 Young St. - Somerset | |
| 3. | CIRCUIT NAME AND NUMBER | 4502 | |
| 4. | CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Somerset - Pumphouse Rd, Speedway Dr. & College St - W of Substation | |
| 5. | TOTAL CIRCUIT LENGTH (MILES) | 12.7 | |
| 6. | CUSTOMER COUNT FOR THIS CIRCUIT | 867 | |
| 7. | DATE OF LAST CIRCUIT TRIM (VM) | 09/01/2010 | |
| 8. | 2013 OUTAGES BY CAUSE | | |
| | Animal- | 1.6% | |
| | Construction- | 0.0% | |
| | Lightning- | 0.0% | |
| | Non-Company- | 0.0% | |
| | Other/Unknown- | 86.8% | |
| | Overload- | 0.0% | |
| | Planned Work- | 0.3% | |
| | Trees- | 7.2% | |
| | Utility Equipment- | 4.1% | |
| | Vehicle- | 0.0% | |
| 9. | CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 45.06 |
| 10. | 2013 SAIDI | | 56.96 |
| 11. | CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 1.08 |
| 12. | 2013 SAIFI | | 1.13 |
| 13. | LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |
| | Continue to monitor | | |

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SOMERSET 2 |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - 105 Tandy Ave - Somerset |
| 3. CIRCUIT NAME AND NUMBER | 4508 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Somerset - Clifty Rd, W Columbia St & Ogden St - S & W of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 6.4 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 511 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 05/26/2012 |
| 8. 2013 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- | 96.5% |
| Utility Equipment- | 3.3% |
| Vehicle- | 0.0% |

| | | |
|---|--|--------|
| 9. CIRCUIT 5 YEAR AVERAGE (SAIDI) | | 37.44 |
| 10. 2013 SAIDI | | 128.69 |
| 11. CIRCUIT 5 YEAR AVERAGE (SAIFI) | | 0.47 |
| 12. 2013 SAIFI | | 1.16 |
| 13. LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN | | |

Continue to monitor

**Kentucky Utilities Company
2013 Reliability Report**

| | |
|--|--|
| 1. SUBSTATION NAME AND NUMBER | SOMERSET GE |
| 2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Pulaski - 100 Block of W University Dr. - Somerset |
| 3. CIRCUIT NAME AND NUMBER | 4516 |
| 4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA) | Somerset - W University Dr. - NE of Substation |
| 5. TOTAL CIRCUIT LENGTH (MILES) | 0.8 |
| 6. CUSTOMER COUNT FOR THIS CIRCUIT | 16 |
| 7. DATE OF LAST CIRCUIT TRIM (VM) | 06/09/2012 |

8. 2013 OUTAGES BY CAUSE

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI) 2.28

10. 2013 SAIDI 230.31

11. CIRCUIT 5 YEAR AVERAGE (SAIFI) 0.05

12. 2013 SAIFI 0.69

13. LIST OF CORRECTION 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, system performance as measured by system SAIDI, SAIFI, and CAIDI.

Effectiveness of the program

KU/LG&E Tree Cycle – 4.88 years
KU (Kentucky) Tree SAIDI – 17.34 minutes
KU (Kentucky) Tree SAIFI -0.11
KU (Kentucky) Tree CAIDI – 157.64 minutes

The hazard tree program, mid cycle, herbicide, and worst performing circuits were completed as planned. Tree related SAIDI, SAIFI and CAIDI improved in 2013 compared to 2012.

Adjustments made to the tree plan in 2013 included

No changes made to plan.

Changes to be implemented in 2014

No changes made to plan. Continue to focus on hazard tree removal program.

SECTION 7: UTILITY COMMENTS

SAIDI, SAIFI and CAIDI all improved in 2013 compared to 2012. 323 Circuits were above their previous 5 year average SAIDI and/or SAIFI in 2013.