



RECEIVED

APR 29 2016

PUBLIC SERVICE  
COMMISSION

Executive Director  
Kentucky Public Service Commission  
211 Sower Boulevard  
Frankfort, Kentucky 40602-0615

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

Rick E. Lovekamp  
Manager - Regulatory  
Affairs/Tariffs  
T 502-627-3780  
F 502-627-3213  
rick.lovekamp@lge-ku.com

April 29, 2016

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

Dear Executive Director:

Enclosed please find Kentucky Utilities Company's ("KU") 2015 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 2015 Annual Reliability Report for KU in Excel format.

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

Sincerely,

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

Rick E. Lovekamp

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

---

**SECTION 1: CONTACT INFORMATION**

|                            |  |
|----------------------------|--|
| UTILITY NAME               | KENTUCKY UTILITIES COMPANY   |
| REPORT PREPARED BY         | Denise Simon (Director Electric Reliability)                         |
| E-MAIL ADDRESS OF PREPARER | <a href="mailto:denise.simon@lge-ku.com">denise.simon@lge-ku.com</a> |
| PHONE NUMBER OF PREPARER   | (502) 627-3035   |

---

**SECTION 2: REPORTING YEAR**

|                         |      |
|-------------------------|------|
| CALENDAR YEAR OF REPORT | 2015 |
|-------------------------|------|

---

**SECTION 3: MAJOR EVENT DAYS (MED)**

|  |            |
|--|------------|
|  | $T_{MED}$  |
| FIRST DATE USED TO DETERMINE $T_{MED}$ | 4.819      |
| LAST DATE USED TO DETERMINE $T_{MED}$  | 1/1/2010   |
| NUMBER OF MED IN REPORTING YEAR        | 12/31/2014 |
|  | 3          |

---

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

---

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

**System-wide Information**

|                                |                            |
|--------------------------------|----------------------------|
| TOTAL CUSTOMERS <u>527,753</u> | TOTAL CIRCUITS <u>1029</u> |
|--------------------------------|----------------------------|

**Excluding MED**

|       | 5 YEAR AVERAGE |       | REPORTING YEAR |
|-------|----------------|-------|----------------|
| SAIDI | <u>89.52</u>   | SAIDI | <u>78.10</u>   |
| SAIFI | <u>0.858</u>   | SAIFI | <u>0.773</u>   |

**Including MED**

|       | 5 YEAR AVERAGE |       | REPORTING YEAR |
|-------|----------------|-------|----------------|
| SAIDI | <u>121.84</u>  | SAIDI | <u>102.13</u>  |
| SAIFI | <u>0.952</u>   | SAIFI | <u>0.893</u>   |

Notes:

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

**SECTION 5: CIRCUIT REPORTING**

BEGIN ON NEXT PAGE

- 1.) **SUBSTATION NAME AND NUMBER** LEXINGTON PLANT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 745 N Limestone - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0003
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - N. Upper St. and 6th St. - W of Station
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 526
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/09/2009

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 99.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 120.65
- 10.) **2015 SAIDI** 365.09
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.66
- 12.) **2015 SAIFI** 2.29

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEXINGTON PLANT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 745 N Limestone - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0004
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Loudon Ave and Bryan Ave. - E of Station
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 616
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/15/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 7.7%
- Other/Unknown- 2.3%
- Overload- 7.7%
- Planned Work- 54.2%
- Trees- 12.3%
- Utility Equipment- 10.0%
- Vehicle- 5.8%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 52.07
- 10.) **2015 SAIDI** 81.77
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.69
- 12.) **2015 SAIFI** 0.50

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

Continue to Monitor

|  |  |      |
|--|--|------|
| 1.) SUBSTATION NAME AND NUMBER                               | LEXINGTON PLANT                            |      |
| 2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)                   | Fayette - 745 N Limestone - Lexington      |      |
| 3.) CIRCUIT NAME AND NUMBER                                  | 0006                                       |      |
| 4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)                      | Lexington - N. Limestone St. SW of Station |      |
| 5.) TOTAL CIRCUIT LENGTH (MILES)                             | 2.4  |      |
| 6.) CUSTOMER COUNT FOR THIS CIRCUIT                          | 360  |      |
| 7.) DATE OF LAST CIRCUIT TRIM (VM)                           | 09/30/2014                                 |      |
| 8.) 2015 OUTAGES BY CAUSE                                    |  |      |
|  | Animal- 0.0%                               |      |
|  | Construction- 0.0%                         |      |
|  | Lightning- 0.0%                            |      |
|  | Non-Company- 30.8%                         |      |
|  | Other/Unknown- 0.0%                        |      |
|  | Overload- 0.0%                             |      |
|  | Planned Work- 0.0%                         |      |
|  | Trees- 30.8%                               |      |
|  | Utility Equipment- 17.3%                   |      |
|  | Vehicle- 21.2%                             |      |
| 9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)                           |  | 8.27 |
| 10.) 2015 SAIDI  |  | 8.51 |
| 11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)                          |  | 0.16 |
| 12.) 2015 SAIFI  |  | 0.14 |
| 13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN |  |      |
|  | Continue to Monitor                        |      |

1) **SUBSTATION NAME AND NUMBER** G E LAMP WORKS

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1809 Edision Dr - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0012

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Edision Dr - S of Station

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

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 184

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/04/2012

8.) **2015 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 29.6%

Overload- 0.0%

Planned Work- 66.3%

Trees- 0.3%

Utility Equipment- 3.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 49.62

10.) **2015 SAIDI** 210.89

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

12.) **2015 SAIFI** 2.17

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | RACE STREET 4KV   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 420 Corral St - Lexington                                     |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0014  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Race St. and E Third St. and Chestnut Street - N of Station |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 5.6   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 909   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/08/2014  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 5.3%   |
|   | Other/Unknown- 11.8%  |
|   | Overload- 29.3%   |
|   | Planned Work- 28.8%   |
|   | Trees- 0.0%   |
|   | Utility Equipment- 16.9%  |
|   | Vehicle- 8.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 54.35   |
| <b>10.) 2015 SAIDI</b>  | 93.17   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.63  |
| <b>12.) 2015 SAIFI</b>  | 1.04  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |  |             |
|---|--|-------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SCOTT STREET                                 |             |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 301 Scott St. - Lexington          |             |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0018   |             |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Limestone St. - SE of Substation |             |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.3  |             |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 734  |             |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/21/2010                                   |             |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |  |             |
|   | Animal- 0.0%                                 |             |
|   | Construction- 0.0%                           |             |
|   | Lightning- 0.0%                              |             |
|   | Non-Company- 0.0%                            |             |
|   | Other/Unknown- 2.3%                          |             |
|   | Overload- 97.7%                              |             |
|   | Planned Work- 0.0%                           |             |
|   | Trees- 0.0%                                  |             |
|   | Utility Equipment- 0.0%                      |             |
|   | Vehicle- 0.0%                                |             |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 5.64        |
| 10.) <b>2015 SAIDI</b>  |  | 3.67        |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.06        |
| 12.) <b>2015 SAIFI</b>  |  | <b>0.06</b> |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |             |
|   | Continue to Monitor                          |             |



- 1.) SUBSTATION NAME AND NUMBER KUNKEL
- 2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN) Fayette - 2000 Versailles Rd. - Lexington
- 3.) CIRCUIT NAME AND NUMBER 0019
- 4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN) Lexington - Versailles Rd. - NE of Substation
- 5.) TOTAL CIRCUIT LENGTH (MILES) 2.0
- 6.) CUSTOMER COUNT FOR THIS CIRCUIT 177
- 7.) DATE OF LAST CIRCUIT TRIM (VM) 12/03/2011

8.) 2015 OUTAGES BY CAUSE

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

|                                     |       |
|-------------------------------------|-------|
| 9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)  | 8.56  |
| 10.) 2015 SAIDI                     | 15.51 |
| 11.) CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.08  |
| 12.) 2015 SAIFI                     | 0.25  |

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

Continue to Monitor

|   |   |
|---|---|
| <b>1.) SUBSTATION NAME AND NUMBER</b>                               | VINE STREET 4KV   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 112 E Vine St. - Lexington                    |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0021  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Vines St & Rose St - S of StSubstationation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.1   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 669   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/18/2014  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.3%                                      |
|   | Lightning- 0.0%   |
|   | Non-Company- 52.2%                                      |
|   | Other/Unknown- 0.0%                                     |
|   | Overload- 0.0%  |
|   | Planned Work- 4.7%                                      |
|   | Trees- 11.3%  |
|   | Utility Equipment- 31.4%                                |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 37.90   |
| <b>10.) 2015 SAIDI</b>  | 40.52   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.45  |
| <b>12.) 2015 SAIFI</b>  | 0.48  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                     |

**SUBSTATION NAME AND NUMBER** LANSDOWNE SWITCHING

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

3.) **CIRCUIT NAME AND NUMBER** 0024

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Old Mt. Tabor Rd & Turkeyfoot Rd. - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 30.6

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,511

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/26/2011

8.) **2015 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 0.4%
- Other/Unknown- 1.9%
- Overload- 0.0%
- Planned Work- 0.9%
- Trees- 92.7%
- Utility Equipment- 1.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 52.83

10.) **2015 SAIDI** 80.81

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

12.) **2015 SAIFI** 1.12

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | KUNKEL  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 2000 Versailles Rd. - Lexington                   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0026  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Duntreath Dr. & Pine Mt. Rd. - SE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 4.7   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 575   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/03/2011  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 0.5%   |
|   | Other/Unknown- 48.6%  |
|   | Overload- 0.0%  |
|   | Planned Work- 0.0%  |
|   | Trees- 10.6%  |
|   | Utility Equipment- 40.4%                                    |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 17.61   |
| <b>10.) 2015 SAIDI</b>  | 22.09   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.18  |
| <b>12.) 2015 SAIFI</b>  | 0.36  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|  |   |
|--|---|
| 1.) SUBSTATION NAME AND NUMBER                               | RACE STREET 4KV                                       |
| 2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)                   | Fayette - 420 Corral St - Lexington                   |
| 3.) CIRCUIT NAME AND NUMBER                                  | 0031  |
| 4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)                      | Lexington - Corral St. & MLK Blvd. - NE of Substation |
| 5.) TOTAL CIRCUIT LENGTH (MILES)                             | 2.8   |
| 6.) CUSTOMER COUNT FOR THIS CIRCUIT                          | 449   |
| 7.) DATE OF LAST CIRCUIT TRIM (VM)                           | 03/01/2014  |
| 8.) 2015 OUTAGES BY CAUSE                                    |   |
|  | Animal- 0.0%  |
|  | Construction- 0.0%                                    |
|  | Lightning- 0.0%                                       |
|  | Non-Company- 0.0%                                     |
|  | Other/Unknown- 41.1%                                  |
|  | Overload- 0.0%  |
|  | Planned Work- 58.9%                                   |
|  | Trees- 0.0%   |
|  | Utility Equipment- 0.0%                               |
|  | Vehicle- 0.0%   |
| 9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)                           | 10.90   |
| 10.) 2015 SAIDI  | 14.40   |
| 11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)                          | 0.17  |
| 12.) 2015 SAIFI  | 0.29  |
| 13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN |   |
|  | Continue to Monitor                                   |

**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 (COUNTY-ROAD-TOWN)** Lexington - Edison Dr. - Rosemont Garden

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

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 141

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/05/2012

8.) **2015 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)** 34.08

10.) **2015 SAIDI** 159.42

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

12.) **2015 SAIFI** 2.48

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** SCOTT STREET

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 301 Scott St. - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0034

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Upper St. - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.8

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 267

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/22/2010

8.) **2015 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 100.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 0.0%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

|  |      |
|--|------|
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>  | 0.06 |
| 10.) <b>2015 SAIDI</b>                     | 0.29 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b> | 0.00 |
| 12.) <b>2015 SAIFI</b>                     | 0.00 |

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SCOTT STREET   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 301 Scott St. - Lexington                        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0035   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Sellers Alley & Simpson Ave. - S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.1  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 422  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/23/2010   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 0.0%  |
|   | Overload- 90.6%  |
|   | Planned Work- 9.4%   |
|   | Trees- 0.0%  |
|   | Utility Equipment- 0.0%                                    |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 6.37   |
| <b>10.) 2015 SAIDI</b>  | 26.04  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.17   |
| <b>12.) 2015 SAIFI</b>  | 0.33   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |



**SUBSTATION NAME AND NUMBER** LEXINGTON WATER COMPANY 12KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2300 Richmond Rd. - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0039

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - St. Phillip Dr. & Richmond Rd. - E of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,042

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/03/2011

8.) **2015 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.0%
- Lightning- 16.8%
- Non-Company- 0.6%
- Other/Unknown- 0.2%
- Overload- 0.9%
- Planned Work- 9.6%
- Trees- 0.0%
- Utility Equipment- 70.4%
- Vehicle- 0.2%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 46.51

10.) **2015 SAIDI** 70.33

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

12.) **2015 SAIFI** 0.41

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | VILEY ROAD  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 308 Alexandria Rd. - Lexington                |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0041  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Leestown Rd. & Adams Ln. - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 60.9  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,056   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/15/2008  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.8%  |
|   | Construction- 0.0%                                      |
|   | Lightning- 0.5%   |
|   | Non-Company- 3.4%                                       |
|   | Other/Unknown- 7.6%                                     |
|   | Overload- 7.7%  |
|   | Planned Work- 0.4%                                      |
|   | Trees- 4.0%   |
|   | Utility Equipment- 70.7%                                |
|   | Vehicle- 5.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 127.95  |
| <b>10.) 2015 SAIDI</b>  | 267.95  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.66  |
| <b>12.) 2015 SAIFI</b>  | 1.63  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                     |

1) **SUBSTATION NAME AND NUMBER** KENTUCKY RIVER

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 6300 Kentucky American Ave - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0043

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Old Richmond Rd - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 47.5

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 401

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2013

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 24.6%
- Non-Company- 0.1%
- Other/Unknown- 19.7%
- Overload- 0.0%
- Planned Work- 13.9%
- Trees- 36.7%
- Utility Equipment- 4.7%
- Vehicle- 0.0%

|  |        |
|--|--------|
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>  | 213.19 |
| 10.) <b>2015 SAIDI</b>                     | 419.13 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b> | 1.50   |
| 12.) <b>2015 SAIFI</b>                     | 3.20   |

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

Continue to Monitor

|   |  |        |
|---|--|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | PARKERS MILL   |        |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 2085 Parkers Mill Rd - Lexington             |        |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0051   |        |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - New Circle Rd & Viley Rd - N of Substation |        |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 13.7   |        |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,144  |        |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/18/2014   |        |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | Animal- 0.7%   |        |
|   | Construction- 0.0%                                     |        |
|   | Lightning- 1.8%  |        |
|   | Non-Company- 0.0%                                      |        |
|   | Other/Unknown- 1.2%                                    |        |
|   | Overload- 0.0%   |        |
|   | Planned Work- 0.1%                                     |        |
|   | Trees- 35.2%   |        |
|   | Utility Equipment- 61.0%                               |        |
|   | Vehicle- 0.0%  |        |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 186.51 |
| 10.) <b>2015 SAIDI</b>  |  | 122.52 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 1.41   |
| 12.) <b>2015 SAIFI</b>  |  | 1.71   |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Reliability Improvements Completed in 2015             |        |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | AMERICAN AVENUE   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 96 Burley Ave. - Lexington                        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0052  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Waller Ave. & St. Joseph Dr. - SE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 0.0   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 451   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/29/2014  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 55.2%  |
|   | Other/Unknown- 0.1%   |
|   | Overload- 0.0%  |
|   | Planned Work- 13.9%   |
|   | Trees- 0.0%   |
|   | Utility Equipment- 30.8%                                    |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 24.23   |
| <b>10.) 2015 SAIDI</b>  | 115.91  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.37  |
| <b>12.) 2015 SAIFI</b>  | 1.83  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

**SUBSTATION NAME AND NUMBER** WEST HIGH STREET

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 727 West High St - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0054

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - West High St & Broadway - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.5

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 743

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/18/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 2.3%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.8%
- Trees- 0.0%
- Utility Equipment- 96.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 73.81

10.) **2015 SAIDI** 87.57

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

12.) **2015 SAIFI** 1.05

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | REYNOLDS  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 200 W. Reynold Rd. - Lexington                    |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0056  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Lochness Dr. & New Circle Rd. - E of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 9.5   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,554   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/25/2011  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 8.6%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 0.6%   |
|   | Other/Unknown- 0.6%   |
|   | Overload- 0.0%  |
|   | Planned Work- 1.9%  |
|   | Trees- 0.6%   |
|   | Utility Equipment- 87.7%                                    |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 18.48   |
| <b>10.) 2015 SAIDI</b>  | 25.87   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.08  |
| <b>12.) 2015 SAIFI</b>  | 0.10  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HAEFLING                                 |       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 1555 Baumann Dr - Lexington    |       |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0059                                     |       |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Mercer Rd - SE of Substation |       |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 1.7                                      |       |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 12                                       |       |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/30/2012                               |       |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | 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- 88.9%                 |       |
|   | Vehicle- 11.1%                           |       |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 80.47 |
| 10.) <b>2015 SAIDI</b>  |  | 82.70 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.83  |
| 12.) <b>2015 SAIFI</b>  |  | 0.78  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor                      |       |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HAEFLING                                |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 1555 Baunmann Dr - Lexington  |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0060                                    |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Mercer Rd - W of Substation |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 9.5                                     |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 323                                     |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/01/2008                              |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |
|   | 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- 49.8%                            |
|   | Utility Equipment- 49.9%                |
|   | Vehicle- 0.3%                           |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 112.14                                  |
| 10.) <b>2015 SAIDI</b>  | 382.97                                  |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.76                                    |
| 12.) <b>2015 SAIFI</b>  | 2.00                                    |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Tree Trim Scheduled for 2016            |

**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 (COUNTY-ROAD-TOWN)** 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)** 04/23/2011

8.) **2015 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)** 30.18

10.) **2015 SAIDI** 134.69

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

12.) **2015 SAIFI** 1.00

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | RACE STREET 4KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 420 Corral St - Lexington                    |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0067   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Eastern Ave. & Main St. - SW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.2  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 424  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2014   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%                                     |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.0%                                      |
|   | Other/Unknown- 34.2%                                   |
|   | Overload- 0.0%   |
|   | Planned Work- 65.8%                                    |
|   | Trees- 0.0%  |
|   | Utility Equipment- 0.0%                                |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 8.36   |
| <b>10.) 2015 SAIDI</b>  | 13.20  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.05   |
| <b>12.) 2015 SAIFI</b>  | 0.09   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                                    |

|   |  |              |
|---|--|--------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | JOYLAND  |              |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 2375 Paris Pike - Lexington                      |              |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0071   |              |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Kingston Rd. & Parkside Dr. - NW of Substation |              |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 14.7   |              |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 855  |              |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/01/2010   |              |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |              |
|   | Animal- 6.3%   |              |
|   | Construction- 0.0%   |              |
|   | Lightning- 9.2%  |              |
|   | Non-Company- 0.0%  |              |
|   | Other/Unknown- 59.0%                                       |              |
|   | Overload- 0.0%   |              |
|   | Planned Work- 0.3%   |              |
|   | Trees- 16.9%   |              |
|   | Utility Equipment- 6.0%                                    |              |
|   | Vehicle- 2.3%  |              |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 55.22        |
| <b>10.) 2015 SAIDI</b>  |  | <b>70.58</b> |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.66         |
| <b>12.) 2015 SAIFI</b>  |  | 0.41         |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |              |
|   | Continue to Monitor  |              |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LOUDON AVENUE                           |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 811 E Loudon Ave - Lexington  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0075                                    |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Floyd Dr - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 0.5                                     |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 9                                       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 07/01/2009                              |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | 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%                           |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 36.95                                   |
| <b>10.) 2015 SAIDI</b>  | 38.00                                   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.59                                    |
| <b>12.) 2015 SAIFI</b>  | 2.00                                    |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                     |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | PICADOME 4KV                                |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 1620 Harrodsburg Rd - Lexington   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0080  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Lafayette Pky - S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 8.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 616   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/23/2011                                  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 10.2%                               |
|   | Construction- 0.0%                          |
|   | Lightning- 0.0%                             |
|   | Non-Company- 0.6%                           |
|   | Other/Unknown- 0.0%                         |
|   | Overload- 0.0%                              |
|   | Planned Work- 81.0%                         |
|   | Trees- 3.3%                                 |
|   | Utility Equipment- 4.3%                     |
|   | Vehicle- 0.5%                               |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 59.93                                       |
| <b>10.) 2015 SAIDI</b>  | 146.12                                      |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.47  |
| <b>12.) 2015 SAIFI</b>  | 1.54  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                         |

**SUBSTATION NAME AND NUMBER** BELT LINE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1090 W. New Circle Rd - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0086

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - New Circle Rd & New Town Rd. - E of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 152

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2007

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 2.5%
- Non-Company- 0.0%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 11.1%
- Trees- 80.2%
- Utility Equipment- 4.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 38.56

10.) **2015 SAIDI** 49.88

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

12.) **2015 SAIFI** 0.53

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

Tree Trim Scheduled for 2016

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | TRAFTON AVENUE 12KV                      |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 141 Trafton St - Lexington     |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0088                                     |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Dunkirk Dr - W of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 9.5                                      |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,666                                    |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/06/2013                               |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 1.4%                             |       |
|   | Construction- 0.0%                       |       |
|   | Lightning- 2.0%                          |       |
|   | Non-Company- 91.1%                       |       |
|   | Other/Unknown- 3.0%                      |       |
|   | Overload- 0.0%                           |       |
|   | Planned Work- 0.6%                       |       |
|   | Trees- 0.5%                              |       |
|   | Utility Equipment- 1.4%                  |       |
|   | Vehicle- 0.1%                            |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 24.32 |
| <b>10.) 2015 SAIDI</b>  |  | 22.08 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.40  |
| <b>12.) 2015 SAIFI</b>  |  | 1.10  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor                      |       |



|   |  |        |
|---|--|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HAEFLING                                 |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 1555 Baumann Dr - Lexington    |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0089                                     |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Baumann Dr - W of Substation |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 0.6                                      |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 3  |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/01/2008                               |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | 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%                            |        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 104.73 |
| <b>10.) 2015 SAIDI</b>  |  | 254.00 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.20   |
| <b>12.) 2015 SAIFI</b>  |  | 0.67   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Continue to Monitor                      |        |

**SUBSTATION NAME AND NUMBER** AMERICAN AVENUE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 96 Burley Ave. - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0090

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Stanley Ave. & Waller Ave. - W of Substation

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

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 221

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/29/2014

8.) **2015 OUTAGES BY CAUSE**

Animal- 0.0%  
 Construction- 0.0%  
 Lightning- 0.0%  
 Non-Company- 0.0%  
 Other/Unknown- 10.2%  
 Overload- 0.0%  
 Planned Work- 80.7%  
 Trees- 0.0%  
 Utility Equipment- 9.1%  
 Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 69.89

10.) **2015 SAIDI** 85.22

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

12.) **2015 SAIFI** 0.89

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | G E LAMP WORKS   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 1809 Edision Dr - Lexington                      |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0094   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Edision Dr. & Bob O Link Dr. - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 0.0  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 197  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 07/02/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 42.7%   |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 7.8%  |
|   | Overload- 0.0%   |
|   | Planned Work- 42.7%  |
|   | Trees- 6.8%  |
|   | Utility Equipment- 0.0%                                    |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 185.01   |
| <b>10.) 2015 SAIDI</b>  | 585.54   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.95   |
| <b>12.) 2015 SAIFI</b>  | 3.06   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | STONEWALL   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 3060 Arrowhead Dr - Lexington                     |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0096  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - New Circle Rd & Southview Dr - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 22.5  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 2,184   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/25/2013  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 2.1%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 1.5%   |
|   | Other/Unknown- 10.8%  |
|   | Overload- 0.0%  |
|   | Planned Work- 3.2%  |
|   | Trees- 4.8%   |
|   | Utility Equipment- 77.5%                                    |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 103.99  |
| <b>10.) 2015 SAIDI</b>  | 139.71  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.07  |
| <b>12.) 2015 SAIFI</b>  | 1.54  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Reliability Improvements Completed in 2015                  |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | STONEWALL  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 3060 Arrowhead Dr - Lexington                  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0098   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Chelsea Dr & Clays Mill Dr - S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 13.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,131  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 05/11/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 2.4%   |
|   | Construction- 0.0%                                       |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 1.8%                                      |
|   | Overload- 0.0%   |
|   | Planned Work- 1.8%                                       |
|   | Trees- 90.9%   |
|   | Utility Equipment- 3.2%                                  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 48.66  |
| <b>10.) 2015 SAIDI</b>  | 102.32   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.76   |
| <b>12.) 2015 SAIFI</b>  | 1.28   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                                      |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | IBM                                       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 740 W New Circle Rd - Lexington |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0103                                      |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Newtown Rd - S of Substation  |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 9.7                                       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,083                                     |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/27/2013                                |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 31.1%                             |
|   | Construction- 0.2%                        |
|   | Lightning- 0.0%                           |
|   | Non-Company- 0.1%                         |
|   | Other/Unknown- 39.2%                      |
|   | Overload- 0.0%                            |
|   | Planned Work- 0.3%                        |
|   | Trees- 0.0%                               |
|   | Utility Equipment- 0.9%                   |
|   | Vehicle- 28.2%                            |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 125.52                                    |
| <b>10.) 2015 SAIDI</b>  | 171.79                                    |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.61                                      |
| <b>12.) 2015 SAIFI</b>  | 2.64                                      |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                       |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LANSDOWNE SWITCHING                            |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 3200 Montavesta Rd. - Lexington      |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0106   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Nicholasville Rd - W of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 19.9   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 2,100  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/01/2012                                     |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.7%                                   |
|   | Construction- 0.0%                             |
|   | Lightning- 0.0%                                |
|   | Non-Company- 0.0%                              |
|   | Other/Unknown- 2.2%                            |
|   | Overload- 0.0%                                 |
|   | Planned Work- 3.8%                             |
|   | Trees- 72.2%                                   |
|   | Utility Equipment- 20.2%                       |
|   | Vehicle- 0.0%                                  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 104.34   |
| <b>10.) 2015 SAIDI</b>  | 126.22   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.13   |
| <b>12.) 2015 SAIFI</b>  | 0.51   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Tree Trim Scheduled for 2016                   |

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | STONEWALL  |       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 3060 Arrowhead Dr - Lexington                    |       |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0108   |       |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Tomahawk Tr & Harrodsburg Rd - W of Substation |       |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 4.7  |       |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 336  |       |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/23/2013   |       |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 7.5%   |       |
|   | Construction- 0.0%   |       |
|   | Lightning- 20.8%   |       |
|   | Non-Company- 0.0%  |       |
|   | Other/Unknown- 0.0%  |       |
|   | Overload- 0.0%   |       |
|   | Planned Work- 0.0%   |       |
|   | Trees- 61.7%   |       |
|   | Utility Equipment- 10.0%                                   |       |
|   | Vehicle- 0.0%  |       |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 37.63 |
| 10.) <b>2015 SAIDI</b>  |  | 71.10 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.48  |
| 12.) <b>2015 SAIFI</b>  |  | 0.36  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor  |       |



|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | IBM  |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 740 W New Circle Rd - Lexington      |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0110   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Russell Cave Rd - NE of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 22.3   |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 2,054  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/08/2013                                     |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 48.3%                                  |       |
|   | Construction- 0.0%                             |       |
|   | Lightning- 1.7%                                |       |
|   | Non-Company- 47.0%                             |       |
|   | Other/Unknown- 0.4%                            |       |
|   | Overload- 0.0%                                 |       |
|   | Planned Work- 0.0%                             |       |
|   | Trees- 1.1%                                    |       |
|   | Utility Equipment- 1.5%                        |       |
|   | Vehicle- 0.0%                                  |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 70.99 |
| <b>10.) 2015 SAIDI</b>  |  | 57.84 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 1.25  |
| <b>12.) 2015 SAIFI</b>  |  | 2.13  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor                            |       |

**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 (COUNTY-ROAD-TOWN)** Lexington - Wilson Downing Rd , Bellueau Wood Dr, & Spangler Dr, W of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.2

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,481

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/04/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 1.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.3%
- Other/Unknown- 14.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.1%
- Utility Equipment- 83.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 28.03

10.) **2015 SAIDI** 82.51

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

12.) **2015 SAIFI** 0.71

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** VILEY ROAD

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 308 Alexandria Rd. - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0115

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Alexandria Rd & Leestown Rd - NE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.1

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 25

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/27/2012

8.) **2015 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)** 0.91

10.) **2015 SAIDI** 1.92

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

12.) **2015 SAIFI** 0.08

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** LOUDON AVENUE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 811 E Loudon Ave - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0127

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Floyd Dr - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,565

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/13/2013

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.2%
- Other/Unknown- 89.0%
- Overload- 0.0%
- Planned Work- 0.8%
- Trees- 0.1%
- Utility Equipment- 9.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 74.37

10.) **2015 SAIDI** 173.71

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.83

12.) **2015 SAIFI** 2.54

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** LAKESHORE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3710 Richmond Rd - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0134

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Richmond Rd & Yorkshire Blvd - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.3

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,060

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/19/2009

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 79.7%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 0.0%
- Utility Equipment- 20.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 8.19

10.) **2015 SAIDI** 32.96

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

12.) **2015 SAIFI** 0.30

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | RACE STREET 12KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 420 Corral St - Lexington                               |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0139  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Midland Ave. , Mian St. & water St. - W of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.5   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 12  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | Underground Circuit   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | 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%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 28.12   |
| <b>10.) 2015 SAIDI</b>  | 103.00  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.13  |
| <b>12.) 2015 SAIFI</b>  | 0.50  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | ASHLAND PIPE                                 |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 448 S Ashland Ave. - Lexington     |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0142   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Tates Creek Rd - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 18.5   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,764  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 07/31/2010                                   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.3%                                 |
|   | Construction- 0.0%                           |
|   | Lightning- 12.7%                             |
|   | Non-Company- 0.0%                            |
|   | Other/Unknown- 51.0%                         |
|   | Overload- 0.0%                               |
|   | Planned Work- 6.5%                           |
|   | Trees- 0.0%                                  |
|   | Utility Equipment- 28.6%                     |
|   | Vehicle- 0.0%                                |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 22.06  |
| <b>10.) 2015 SAIDI</b>  | 36.61  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.21   |
| <b>12.) 2015 SAIFI</b>  | 0.26   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                          |

|   |  |
|---|--|
| <b>1.) SUBSTATION NAME AND NUMBER</b>                               | ASHLAND PIPE                                 |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 448 S Ashland Ave. - Lexington     |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0143   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Forest Lake Dr - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 5.2  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 479  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 07/31/2010                                   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 33.3%                                |
|   | Construction- 0.0%                           |
|   | Lightning- 0.0%                              |
|   | Non-Company- 0.0%                            |
|   | Other/Unknown- 0.0%                          |
|   | Overload- 0.0%                               |
|   | Planned Work- 66.7%                          |
|   | Trees- 0.0%                                  |
|   | Utility Equipment- 0.0%                      |
|   | Vehicle- 0.0%                                |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 0.53   |
| <b>10.) 2015 SAIDI</b>  | 1.01   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.01   |
| <b>12.) 2015 SAIFI</b>  | 0.03   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                          |



|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CLAYS MILL                                 |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 4454 Clays Mill Rd - Lexington   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0145                                       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Glenview Dr - NW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 28.1                                       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,627                                      |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/06/2013                                 |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.2%                               |
|   | Construction- 0.0%                         |
|   | Lightning- 0.0%                            |
|   | Non-Company- 2.2%                          |
|   | Other/Unknown- 0.6%                        |
|   | Overload- 0.0%                             |
|   | Planned Work- 0.7%                         |
|   | Trees- 0.3%                                |
|   | Utility Equipment- 95.9%                   |
|   | Vehicle- 0.0%                              |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 82.20                                      |
| <b>10.) 2015 SAIDI</b>  | 180.70                                     |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.65                                       |
| <b>12.) 2015 SAIFI</b>  | 1.39                                       |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                        |

|      |  |  |
|------|--|--|
| 1.)  | <b>SUBSTATION NAME AND NUMBER</b>                              | CLAYS MILL   |
| 2.)  | <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                  | Fayette - 4454 Clays Mill Rd - Lexington                     |
| 3.)  | <b>CIRCUIT NAME AND NUMBER</b>                                 | 0146   |
| 4.)  | <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                     | Lexington - Clays Mill Rd & Man O War Blvd - N of Substation |
| 5.)  | <b>TOTAL CIRCUIT LENGTH (MILES)</b>                            | 25.8   |
| 6.)  | <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                         | 2,011  |
| 7.)  | <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                          | 03/09/2013   |
| 8.)  | <b>2015 OUTAGES BY CAUSE</b>                                   |  |
|      |  | Animal- 0.2%   |
|      |  | Construction- 0.0%   |
|      |  | Lightning- 37.9%   |
|      |  | Non-Company- 0.0%  |
|      |  | Other/Unknown- 0.1%  |
|      |  | Overload- 0.0%   |
|      |  | Planned Work- 0.9%   |
|      |  | Trees- 3.4%  |
|      |  | Utility Equipment- 57.5%                                     |
|      |  | Vehicle- 0.0%  |
| 9.)  | <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                          | 32.54  |
| 10.) | <b>2015 SAIDI</b>  | 81.12  |
| 11.) | <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.74   |
| 12.) | <b>2015 SAIFI</b>  | 1.93   |
| 13.) | <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|      |  | Continue to Monitor  |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CLAYS MILL                                  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 4454 Clays Mill Rd - Lexington    |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0147  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - clays Mill Rd - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 14.1  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,393                                       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 05/11/2013                                  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.1%                                |
|   | Construction- 0.0%                          |
|   | Lightning- 0.0%                             |
|   | Non-Company- 0.0%                           |
|   | Other/Unknown- 1.8%                         |
|   | Overload- 0.0%                              |
|   | Planned Work- 0.8%                          |
|   | Trees- 96.8%                                |
|   | Utility Equipment- 0.4%                     |
|   | Vehicle- 0.0%                               |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 62.71                                       |
| <b>10.) 2015 SAIDI</b>  | 159.64                                      |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.82  |
| <b>12.) 2015 SAIFI</b>  | 1.10  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                         |

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CLAYS MILL                               |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 4454 Clays Mill Rd - Lexington |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0148                                     |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Weber Way - E of Substation  |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 10.1                                     |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,089                                    |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/02/2013                               |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 0.1%                             |       |
|   | Construction- 0.0%                       |       |
|   | Lightning- 0.0%                          |       |
|   | Non-Company- 85.8%                       |       |
|   | Other/Unknown- 10.0%                     |       |
|   | Overload- 0.0%                           |       |
|   | Planned Work- 0.3%                       |       |
|   | Trees- 0.3%                              |       |
|   | Utility Equipment- 3.4%                  |       |
|   | Vehicle- 0.0%                            |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 33.90 |
| <b>10.) 2015 SAIDI</b>  |  | 27.96 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.61  |
| <b>12.) 2015 SAIFI</b>  |  | 1.17  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor                      |       |

**SUBSTATION NAME AND NUMBER** BRYANT ROAD

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3097 Helmsdale Pl. - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0149

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Man O War Blvd & Liberty Rd - NW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.2

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,154

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/21/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 99.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 25.31

10.) **2015 SAIDI** 50.67

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

12.) **2015 SAIFI** 0.63

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

Continue to Monitor

|   |   |       |
|---|---|-------|
| <b>1.) SUBSTATION NAME AND NUMBER</b>                               | SHELBY CITY                                 |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Boyle - 401 Grubbs Ln - Junction City       |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0153  |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Junction City - Shelby St - W of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 9.5   |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 546   |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/01/2008                                  |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal- 1.8%                                |       |
|   | Construction- 0.0%                          |       |
|   | Lightning- 67.3%                            |       |
|   | Non-Company- 0.0%                           |       |
|   | Other/Unknown- 30.4%                        |       |
|   | Overload- 0.0%                              |       |
|   | Planned Work- 0.0%                          |       |
|   | Trees- 0.5%                                 |       |
|   | Utility Equipment- 0.0%                     |       |
|   | Vehicle- 0.0%                               |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 50.20 |
| <b>10.) 2015 SAIDI</b>  |   | 55.62 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.52  |
| <b>12.) 2015 SAIFI</b>  |   | 0.40  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor                         |       |



|      |  |   |
|------|--|---|
| 1.)  | <b>SUBSTATION NAME AND NUMBER</b>                              | PICADOME 4KV                                |
| 2.)  | <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                  | Fayette - 1620 Harrodsburg Rd - Lexington   |
| 3.)  | <b>CIRCUIT NAME AND NUMBER</b>                                 | 0158  |
| 4.)  | <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                     | Lexington - St Joseph Dr - SE of Substation |
| 5.)  | <b>TOTAL CIRCUIT LENGTH (MILES)</b>                            | 5.4   |
| 6.)  | <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                         | 54  |
| 7.)  | <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                          | 04/23/2011                                  |
| 8.)  | <b>2015 OUTAGES BY CAUSE</b>                                   |   |
|      | Animal-  | 0.0%  |
|      | Construction-  | 0.0%  |
|      | Lightning-   | 0.0%  |
|      | Non-Company-   | 0.3%  |
|      | Other/Unknown-   | 0.0%  |
|      | Overload-  | 0.0%  |
|      | Planned Work-  | 3.9%  |
|      | Trees-   | 63.3%                                       |
|      | Utility Equipment-   | 32.5%                                       |
|      | Vehicle-   | 0.0%  |
| 9.)  | <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                          | 151.53                                      |
| 10.) | <b>2015 SAIDI</b>  | 376.39                                      |
| 11.) | <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.99  |
| 12.) | <b>2015 SAIFI</b>  | 4.40  |
| 13.) | <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|      | Continue to Monitor  |   |



|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | VILEY ROAD   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 308 Alexandria Rd. - Lexington                       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0159   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Leestown Rd & Masterson Station - NW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 21.6   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 2,003  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2008   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 60.7%   |
|   | Non-Company- 0.1%  |
|   | Other/Unknown- 0.1%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.0%   |
|   | Trees- 0.1%  |
|   | Utility Equipment- 39.0%                                       |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 44.68  |
| <b>10.) 2015 SAIDI</b>  | 158.17   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.64   |
| <b>12.) 2015 SAIFI</b>  | 2.59   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LAWRENCEBURG 12KV                           |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Anderson - 108 E Broadway st - Lawrenceburg |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0160  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lawrenceburg - US HWY 127 - S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 25.7  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 761   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/01/2011                                  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 5.5%                                |
|   | Construction- 0.0%                          |
|   | Lightning- 38.7%                            |
|   | Non-Company- 0.0%                           |
|   | Other/Unknown- 2.3%                         |
|   | Overload- 0.0%                              |
|   | Planned Work- 0.0%                          |
|   | Trees- 52.8%                                |
|   | Utility Equipment- 0.6%                     |
|   | Vehicle- 0.0%                               |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 105.14                                      |
| <b>10.) 2015 SAIDI</b>  | 174.89                                      |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.68  |
| <b>12.) 2015 SAIFI</b>  | 0.62  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Tree Trim Scheduled for 2016                |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DANVILLE 1 12KV                         |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Boyle - 494 S 4TH ST - Danville         |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0161                                    |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Danville - 2nd St - S & E of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.2                                     |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 156                                     |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2011                              |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 98.0%                           |
|   | Construction- 0.0%                      |
|   | Lightning- 1.0%                         |
|   | 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%                           |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 32.36                                   |
| <b>10.) 2015 SAIDI</b>  | 38.63                                   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.31                                    |
| <b>12.) 2015 SAIFI</b>  | 0.63                                    |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                     |

|   |                                     |       |
|---|-------------------------------------|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DANVILLE 1 12KV                     |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Boyle - 494 S 4TH ST - Danville     |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0162                                |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Danville - 4th St - S of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 13.1                                |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,194                               |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2011                          |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |                                     |       |
|   | Animal- 7.4%                        |       |
|   | Construction- 0.0%                  |       |
|   | Lightning- 0.5%                     |       |
|   | Non-Company- 0.0%                   |       |
|   | Other/Unknown- 25.8%                |       |
|   | Overload- 0.0%                      |       |
|   | Planned Work- 32.7%                 |       |
|   | Trees- 8.8%                         |       |
|   | Utility Equipment- 18.4%            |       |
|   | Vehicle- 6.5%                       |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |                                     | 15.55 |
| <b>10.) 2015 SAIDI</b>  |                                     | 14.49 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |                                     | 0.15  |
| <b>12.) 2015 SAIFI</b>  |                                     | 0.18  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |                                     |       |
|   | Continue to Monitor                 |       |

|   |                                     |
|---|-------------------------------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DANVILLE 1 12KV                     |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Boyle - 494 S 4TH ST - Danville     |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0164                                |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Danville - 4th St - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 1.8                                 |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 223                                 |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2011                          |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |                                     |
|   | Animal- 51.5%                       |
|   | Construction- 0.0%                  |
|   | Lightning- 0.0%                     |
|   | Non-Company- 0.0%                   |
|   | Other/Unknown- 18.2%                |
|   | Overload- 0.0%                      |
|   | Planned Work- 30.3%                 |
|   | Trees- 0.0%                         |
|   | Utility Equipment- 0.0%             |
|   | Vehicle- 0.0%                       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 5.60                                |
| <b>10.) 2015 SAIDI</b>  | 19.35                               |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.08                                |
| <b>12.) 2015 SAIFI</b>  | 0.30                                |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |                                     |
|   | Continue to Monitor                 |

|   |   |
|---|---|
| <b>1.) SUBSTATION NAME AND NUMBER</b>                               | DANVILLE WEST                             |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Boyle - 1353 Lebanon Rd - Danville        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0167                                      |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Danville - Lebanaon Rd - SW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 6.4                                       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 23  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2011                                |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 9.1%                              |
|   | Construction- 0.0%                        |
|   | Lightning- 0.0%                           |
|   | Non-Company- 9.1%                         |
|   | Other/Unknown- 9.1%                       |
|   | Overload- 0.0%                            |
|   | Planned Work- 0.0%                        |
|   | Trees- 27.3%                              |
|   | Utility Equipment- 45.5%                  |
|   | Vehicle- 0.0%                             |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 15.85                                     |
| <b>10.) 2015 SAIDI</b>  | 53.74                                     |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.22                                      |
| <b>12.) 2015 SAIFI</b>  | 0.48                                      |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                       |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | ASHLAND AVENUE                           |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 448 S Ashland Ave. - Lexington |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0187                                     |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - High St. - NW of Substation  |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.2                                      |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 781                                      |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/15/2011                               |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%                             |
|   | Construction- 0.0%                       |
|   | Lightning- 0.0%                          |
|   | Non-Company- 0.0%                        |
|   | Other/Unknown- 7.7%                      |
|   | Overload- 22.6%                          |
|   | Planned Work- 41.0%                      |
|   | Trees- 0.0%                              |
|   | Utility Equipment- 28.6%                 |
|   | Vehicle- 0.0%                            |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | <b>18.43</b>                             |
| <b>10.) 2015 SAIDI</b>  | <b>42.15</b>                             |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | <b>0.30</b>                              |
| <b>12.) 2015 SAIFI</b>  | <b>0.30</b>                              |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                      |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HUME ROAD  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 2319 Hume Rd. - Lexington                        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0191   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Hume Rd & Winchester Rd - N & NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 12.3   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 89   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/25/2014   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 2.6%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 96.1%                                       |
|   | Overload- 0.0%   |
|   | Planned Work- 1.3%   |
|   | Trees- 0.0%  |
|   | Utility Equipment- 0.0%                                    |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 175.51   |
| <b>10.) 2015 SAIDI</b>  | 292.06   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.68   |
| <b>12.) 2015 SAIFI</b>  | 0.87   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HUME ROAD   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 2319 Hume Rd. - Lexington                                   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0193  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - I75, Man O' War Blvd, & Blackford Pkwy - SE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 20.2  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 846   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/25/2014  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | 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%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 0.52  |
| <b>10.) 2015 SAIDI</b>  | 0.77  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.00  |
| <b>12.) 2015 SAIFI</b>  | 0.00  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HUME ROAD   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 2319 Hume Rd. - Lexington   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0194  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Winchester Rd, Sir Barton Way, Executive Dr, & Elkhorn Rd - E of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 7.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 277   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 08/30/2014  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 50.0%  |
|   | Overload- 0.0%  |
|   | Planned Work- 0.0%  |
|   | Trees- 0.0%   |
|   | Utility Equipment- 0.0%   |
|   | Vehicle- 50.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 1.99  |
| <b>10.) 2015 SAIDI</b>  | 2.15  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.02  |
| <b>12.) 2015 SAIFI</b>  | 0.01  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LONDON  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Laurel - Near corner of Foster Heights & Substation Rd - London   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0201  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | London - Waterworks Rd & Daniel Boone PKWY - W & SW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 38.8  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,022   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/08/2014  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 17.3%   |
|   | Construction- 0.0%  |
|   | Lightning- 0.6%   |
|   | Non-Company- 2.0%   |
|   | Other/Unknown- 12.9%  |
|   | Overload- 7.0%  |
|   | Planned Work- 1.5%  |
|   | Trees- 4.2%   |
|   | Utility Equipment- 54.5%  |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 120.14  |
| <b>10.) 2015 SAIDI</b>  | 166.61  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.89  |
| <b>12.) 2015 SAIFI</b>  | 1.03  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LONDON  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Laurel - Near corner of Foster Heights & Substation Rd - London |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0203  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | London - Locus St - SW of Substation                            |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 1.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 100   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/13/2013  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 21.3%   |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 6.4%   |
|   | Other/Unknown- 2.1%   |
|   | Overload- 0.0%  |
|   | Planned Work- 53.2%   |
|   | Trees- 0.0%   |
|   | Utility Equipment- 17.0%  |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 20.53   |
| <b>10.) 2015 SAIDI</b>  | 50.74   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.24  |
| <b>12.) 2015 SAIFI</b>  | 0.47  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |   |        |
|---|---|--------|
| <b>1.) SUBSTATION NAME AND NUMBER</b>                               | LONDON 2  |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Laurel - Near corner of Foster Heights & Substation Rd - London |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0204  |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | London - McWhorter Rd & Main St - S of Substation               |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 30.7  |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,414   |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/29/2013  |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |        |
|   | Animal-   | 0.8%   |
|   | Construction-   | 0.0%   |
|   | Lightning-  | 2.3%   |
|   | Non-Company-  | 0.5%   |
|   | Other/Unknown-  | 2.8%   |
|   | Overload-   | 0.0%   |
|   | Planned Work-   | 0.9%   |
|   | Trees-  | 92.0%  |
|   | Utility Equipment-  | 0.7%   |
|   | Vehicle-  | 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 76.80  |
| <b>10.) 2015 SAIDI</b>  |   | 117.11 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.84   |
| <b>12.) 2015 SAIFI</b>  |   | 1.09   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |        |
|   | Continue to Monitor   |        |

**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 (COUNTY-ROAD-TOWN)** Campbellsville - Broadway St & Airport Rd - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.3

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 855

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/19/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 2.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.4%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 11.7%
- Utility Equipment- 2.5%
- Vehicle- 82.5%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 60.47

10.) **2015 SAIDI** 89.54

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

12.) **2015 SAIFI** 1.21

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

Continue to Monitor

|   |  |
|---|--|
| <b>1.) SUBSTATION NAME AND NUMBER</b>                               | CAMPBELLSVILLE 2                                       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Taylor - 620 Clem Haskins Blvd. - Campbellsville       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0207   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Campbellsville - Martin Luther King - SW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.7  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 225  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/19/2014   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%                                     |
|   | Lightning- 0.0%  |
|   | Non-Company- 3.3%                                      |
|   | Other/Unknown- 0.0%                                    |
|   | Overload- 0.0%   |
|   | Planned Work- 2.5%                                     |
|   | Trees- 0.0%  |
|   | Utility Equipment- 0.0%                                |
|   | Vehicle- 94.2%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 23.07  |
| <b>10.) 2015 SAIDI</b>  | 65.24  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.66   |
| <b>12.) 2015 SAIFI</b>  | 1.06   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                                    |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | FARISTON                                     |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Laurel - 57 Rocky Branch Rd - North Corbin   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0217   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | North Corbin - S Laurel Rd - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 24.7   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 762  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 05/20/2013                                   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.1%                                 |
|   | Construction- 0.0%                           |
|   | Lightning- 1.8%                              |
|   | Non-Company- 6.0%                            |
|   | Other/Unknown- 1.1%                          |
|   | Overload- 66.2%                              |
|   | Planned Work- 0.4%                           |
|   | Trees- 1.5%                                  |
|   | Utility Equipment- 22.5%                     |
|   | Vehicle- 0.4%                                |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 196.40                                       |
| <b>10.) 2015 SAIDI</b>  | 556.01                                       |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 2.09   |
| <b>12.) 2015 SAIFI</b>  | 6.44   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                          |



|   |  |        |
|---|--|--------|
| <b>1.) SUBSTATION NAME AND NUMBER</b>                               | LEBANON WEST                               |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Marion - 2255 Saint Mary's Rd - St Mary    |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0219                                       |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | St Mary - Sait Mary's Rd - W of Substation |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 39.3                                       |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 792  |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/16/2014                                 |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | Animal- 1.2%                               |        |
|   | Construction- 0.0%                         |        |
|   | Lightning- 10.9%                           |        |
|   | Non-Company- 0.0%                          |        |
|   | Other/Unknown- 2.2%                        |        |
|   | Overload- 0.0%                             |        |
|   | Planned Work- 2.0%                         |        |
|   | Trees- 0.1%                                |        |
|   | Utility Equipment- 15.6%                   |        |
|   | Vehicle- 68.0%                             |        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 178.79 |
| <b>10.) 2015 SAIDI</b>  |  | 61.02  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.99   |
| <b>12.) 2015 SAIFI</b>  |  | 1.22   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Continue to Monitor                        |        |

**SUBSTATION NAME AND NUMBER** CAMPBELLVILLE 1

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Taylor - 101 Old Greensburg Rd. - Campbellville

3.) **CIRCUIT NAME AND NUMBER** 0233

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Campbellville - Central Ave - E of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.1

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 926

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/31/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 1.9%
- Construction- 0.0%
- Lightning- 90.8%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 1.9%
- Trees- 3.5%
- Utility Equipment- 2.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 45.14

10.) **2015 SAIDI** 78.35

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

12.) **2015 SAIFI** 1.10

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

Continue to Monitor

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CORBIN EAST  |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Knox - Corner of State HWY 1232 and E Barbourville Rd - Corbin |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0278   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Corbin - Commonwealth Ave - N of Substation                    |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 17.3   |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 772  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/01/2011   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal-  | 0.9%  |
|   | Construction-  | 0.0%  |
|   | Lightning-   | 0.0%  |
|   | Non-Company-   | 0.9%  |
|   | Other/Unknown-   | 1.9%  |
|   | Overload-  | 0.0%  |
|   | Planned Work-  | 0.8%  |
|   | Trees-   | 7.4%  |
|   | Utility Equipment-   | 88.0% |
|   | Vehicle-   | 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 94.94 |
| <b>10.) 2015 SAIDI</b>  |  | 68.83 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.94  |
| <b>12.) 2015 SAIFI</b>  |  | 1.15  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor  |       |

|   |   |      |
|---|---|------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | VAKSDAHL AVE  |      |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Boyle - 100 Vaksdahl Ave - Danville                       |      |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0280  |      |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Danville - Vaksdahl Ave & Perryville St - N of Substation |      |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 11.0  |      |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 706   |      |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2011  |      |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |      |
|   | Animal- 3.0%  |      |
|   | Construction- 0.0%  |      |
|   | Lightning- 15.2%  |      |
|   | Non-Company- 0.0%   |      |
|   | Other/Unknown- 6.1%                                       |      |
|   | Overload- 0.0%  |      |
|   | Planned Work- 0.0%  |      |
|   | Trees- 0.0%   |      |
|   | Utility Equipment- 69.7%                                  |      |
|   | Vehicle- 6.1%   |      |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 3.44 |
| <b>10.) 2015 SAIDI</b>  |   | 4.71 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.07 |
| <b>12.) 2015 SAIFI</b>  |   | 0.05 |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |      |
|   | Continue to Monitor                                       |      |

**SUBSTATION NAME AND NUMBER** HOPEWELL

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - Corner of American Greeting Rd and Hopewell Church Rd - North Corbin

3.) **CIRCUIT NAME AND NUMBER** 0285

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** North Corbin - American Greeting Rd and I75 - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 35.8

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,377

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2011

8.) **2015 OUTAGES BY CAUSE**

- Animal- 10.2%
- Construction- 0.0%
- Lightning- 1.2%
- Non-Company- 0.5%
- Other/Unknown- 76.5%
- Overload- 0.0%
- Planned Work- 1.8%
- Trees- 7.0%
- Utility Equipment- 2.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 90.30

10.) **2015 SAIDI** 146.59

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

12.) **2015 SAIFI** 1.40

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** CORBIN US STEEL

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Whitley - S Woodbine Ave off HWY 830 - Corbin

3.) **CIRCUIT NAME AND NUMBER** 0289

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corbin - S Main St - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.6

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 402

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2011

8.) **2015 OUTAGES BY CAUSE**

- Animal- 2.6%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.0%
- Other/Unknown- 87.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 7.9%
- Utility Equipment- 2.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 80.07

10.) **2015 SAIDI** 141.38

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

12.) **2015 SAIFI** 1.16

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

Continue to Monitor

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | PINEVILLE  |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Bell - Corner of E Park Ave and Maple St - Pineville |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0301   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Pineville - US HWY 25E & KY HWY 66 - N of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 25.4   |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,177  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/11/2013   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 0.2%   |       |
|   | Construction- 0.0%                                   |       |
|   | Lightning- 1.2%                                      |       |
|   | Non-Company- 26.5%                                   |       |
|   | Other/Unknown- 56.9%                                 |       |
|   | Overload- 0.0%                                       |       |
|   | Planned Work- 0.2%                                   |       |
|   | Trees- 12.4%   |       |
|   | Utility Equipment- 2.5%                              |       |
|   | Vehicle- 0.0%  |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 96.78 |
| <b>10.) 2015 SAIDI</b>  |  | 84.47 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 1.32  |
| <b>12.) 2015 SAIFI</b>  |  | 2.08  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor                                  |       |

|   |  |              |
|---|--|--------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | PINEVILLE  |              |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Bell - Corner of E Park Ave and Maple St - Pineville |              |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0303   |              |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Pineville - US HWY 25E - S of Substation             |              |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 27.3   |              |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 538  |              |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/14/2014   |              |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |              |
|   | Animal- 1.2%   |              |
|   | Construction- 0.0%                                   |              |
|   | Lightning- 3.7%                                      |              |
|   | Non-Company- 3.7%                                    |              |
|   | Other/Unknown- 58.8%                                 |              |
|   | Overload- 0.0%                                       |              |
|   | Planned Work- 11.4%                                  |              |
|   | Trees- 15.9%   |              |
|   | Utility Equipment- 5.3%                              |              |
|   | Vehicle- 0.0%  |              |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 60.26        |
| <b>10.) 2015 SAIDI</b>  |  | <b>78.04</b> |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.79         |
| <b>12.) 2015 SAIFI</b>  |  | 0.46         |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |              |
|   | Continue to Monitor                                  |              |



|   |  |         |
|---|--|---------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CROCKETT   |         |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Bell - On HWY 66 across the street from Chaz Coal Co - Pineville |         |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0304   |         |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Pineville - State HWY 66 - NW of Substation                      |         |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 13.8   |         |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 116  |         |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/05/2013   |         |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |         |
|   | Animal-  | 0.0%    |
|   | Construction-  | 0.0%    |
|   | Lightning-   | 0.0%    |
|   | Non-Company-   | 0.0%    |
|   | Other/Unknown-   | 82.6%   |
|   | Overload-  | 0.0%    |
|   | Planned Work-  | 6.3%    |
|   | Trees-   | 10.7%   |
|   | Utility Equipment-   | 0.0%    |
|   | Vehicle-   | 0.3%    |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 1016.64 |
| <b>10.) 2015 SAIDI</b>  |  | 1144.52 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 4.47    |
| <b>12.) 2015 SAIFI</b>  |  | 3.13    |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |         |
|   | Continue to Monitor  |         |

**SUBSTATION NAME AND NUMBER** CROCKETT

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - On HWY 66 across the street from Chaz Coal Co - Pineville

3.) **CIRCUIT NAME AND NUMBER** 0305

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - State HWY 66 - SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.8

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 10

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/05/2013

8.) **2015 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)** 80.10

10.) **2015 SAIDI** 160.40

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

12.) **2015 SAIFI** 1.00

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CROCKETT   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Bell - On HWY 66 across the street from Chaz Coal Co - Pineville |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0306   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Pineville - 0.05 Miles S of Substation                           |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 0.1  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 2  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/05/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 66.7%   |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 0.0%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.0%   |
|   | Trees- 33.3%   |
|   | Utility Equipment- 0.0%  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 86.30  |
| <b>10.) 2015 SAIDI</b>  | 431.50   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.30   |
| <b>12.) 2015 SAIFI</b>  | 1.50   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |   |        |
|---|---|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | STINKING CREEK  |        |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Knox - Croner of New US HWY 25 E and HWY 930 - Barboursville      |        |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0314  |        |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Barboursville - US HWY 25E & Stinking Creek Rd - NW of Substation |        |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 27.3  |        |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 400   |        |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/28/2015  |        |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |        |
|   | Animal- 2.4%  |        |
|   | Construction- 0.0%  |        |
|   | Lightning- 0.0%   |        |
|   | Non-Company- 39.3%  |        |
|   | Other/Unknown- 6.5%   |        |
|   | Overload- 10.3%   |        |
|   | Planned Work- 0.0%  |        |
|   | Trees- 3.0%   |        |
|   | Utility Equipment- 38.5%  |        |
|   | Vehicle- 0.0%   |        |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 153.92 |
| 10.) <b>2015 SAIDI</b>  |   | 113.70 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 1.86   |
| 12.) <b>2015 SAIFI</b>  |   | 2.61   |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |        |
|   | Continue to Monitor   |        |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DEER BRANCH  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Bell - HWY 66 0.5 miles S of Buffalo Hollow Rd, 7.5 miles N of HWY 221 - Pineville |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0319   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Pineville - State HWY 66 - S of Substation   |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 13.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 228  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/06/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 6.8%  |
|   | Overload- 0.0%   |
|   | Planned Work- 10.7%  |
|   | Trees- 42.6%   |
|   | Utility Equipment- 22.3%   |
|   | Vehicle- 17.6%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 392.87   |
| <b>10.) 2015 SAIDI</b>  | 703.60   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 3.12   |
| <b>12.) 2015 SAIFI</b>  | 5.69   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | PUCKETT CREEK                          |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Harlan - 5627 E HWY 72 Pathfork - Alva |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0321                                   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Alva - E Highway 72 - SE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 1.9                                    |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 61                                     |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/13/2013                             |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%                           |
|   | Construction- 0.0%                     |
|   | Lightning- 0.0%                        |
|   | Non-Company- 0.0%                      |
|   | Other/Unknown- 99.2%                   |
|   | Overload- 0.0%                         |
|   | Planned Work- 0.8%                     |
|   | Trees- 0.0%                            |
|   | Utility Equipment- 0.0%                |
|   | Vehicle- 0.0%                          |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 71.53                                  |
| <b>10.) 2015 SAIDI</b>  | 207.31                                 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.63                                   |
| <b>12.) 2015 SAIFI</b>  | 2.02                                   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                    |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | PUCKETT CREEK                          |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Harlan - 5627 E HWY 72 Pathfork - Alva |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0322                                   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Alva - E Highway 72 - NW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 10.5                                   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 306                                    |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/25/2013                             |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.8%                           |
|   | Construction- 0.0%                     |
|   | Lightning- 9.2%                        |
|   | Non-Company- 0.6%                      |
|   | Other/Unknown- 6.8%                    |
|   | Overload- 15.8%                        |
|   | Planned Work- 1.8%                     |
|   | Trees- 64.0%                           |
|   | Utility Equipment- 0.0%                |
|   | Vehicle- 0.0%                          |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 184.32                                 |
| <b>10.) 2015 SAIDI</b>  | 380.21                                 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.46                                   |
| <b>12.) 2015 SAIFI</b>  | 1.63                                   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                    |

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | WACO   |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Madison - 3761 New Irvine Rd - Madison East    |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0331   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Madison East - Irvine Rd - E & W of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 37.1   |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 851  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 07/12/2013                                     |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 0.8%                                   |       |
|   | Construction- 0.0%                             |       |
|   | Lightning- 41.6%                               |       |
|   | Non-Company- 0.4%                              |       |
|   | Other/Unknown- 9.4%                            |       |
|   | Overload- 0.0%                                 |       |
|   | Planned Work- 6.1%                             |       |
|   | Trees- 16.3%                                   |       |
|   | Utility Equipment- 25.3%                       |       |
|   | Vehicle- 0.0%                                  |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 35.22 |
| <b>10.) 2015 SAIDI</b>  |  | 35.92 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.65  |
| <b>12.) 2015 SAIFI</b>  |  | 0.29  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor                            |       |



|   |  |        |
|---|--|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | YELLOW ROCK NORTH                                  |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Lee Ky - 584 New Yellow Rock Rd - Beattyville      |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0332   |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Beattyville - New Yellow Rock Rd - N of Substation |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 4.0  |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 57   |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/15/2015   |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | Animal- 4.9%                                       |        |
|   | Construction- 0.0%                                 |        |
|   | Lightning- 0.0%                                    |        |
|   | Non-Company- 0.0%                                  |        |
|   | Other/Unknown- 91.8%                               |        |
|   | Overload- 0.0%                                     |        |
|   | Planned Work- 0.0%                                 |        |
|   | Trees- 0.0%  |        |
|   | Utility Equipment- 3.3%                            |        |
|   | Vehicle- 0.0%                                      |        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 108.46 |
| <b>10.) 2015 SAIDI</b>  |  | 51.40  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.51   |
| <b>12.) 2015 SAIFI</b>  |  | 1.07   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Continue to Monitor                                |        |

|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | OKONITE   |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Madison - 1742 Berea Rd - Richmond                              |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0334  |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Richmond - Battlefield Memorial Rd & Berea Rd - S of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 23.7  |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 897   |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 08/23/2013  |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal- 1.5%  |       |
|   | Construction- 0.0%  |       |
|   | Lightning- 6.8%   |       |
|   | Non-Company- 81.2%  |       |
|   | Other/Unknown- 0.8%   |       |
|   | Overload- 0.0%  |       |
|   | Planned Work- 8.3%  |       |
|   | Trees- 0.0%   |       |
|   | Utility Equipment- 1.5%   |       |
|   | Vehicle- 0.0%   |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 14.90 |
| <b>10.) 2015 SAIDI</b>  |   | 4.73  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.14  |
| <b>12.) 2015 SAIFI</b>  |   | 0.15  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor   |       |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DARK HOLLOW                                 |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Estill - 37 Dark Hollow Rd - Red Lick       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0336  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Red Lick - Wisemantown Rd - S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 11.7  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 567   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/05/2013                                  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 13.2%                               |
|   | Construction- 0.0%                          |
|   | Lightning- 73.6%                            |
|   | Non-Company- 1.4%                           |
|   | Other/Unknown- 0.7%                         |
|   | Overload- 0.0%                              |
|   | Planned Work- 1.4%                          |
|   | Trees- 4.2%                                 |
|   | Utility Equipment- 5.6%                     |
|   | Vehicle- 0.0%                               |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 19.54                                       |
| <b>10.) 2015 SAIDI</b>  | 26.94                                       |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.21  |
| <b>12.) 2015 SAIFI</b>  | 0.25  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                         |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DARK HOLLOW                              |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Estill - 37 Dark Hollow Rd - Red Lick    |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0337                                     |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Red Lick - Richmond Rd - E of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 16.7                                     |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 510                                      |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/16/2013                               |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.0%                             |
|   | Construction- 0.0%                       |
|   | Lightning- 0.0%                          |
|   | Non-Company- 28.5%                       |
|   | Other/Unknown- 1.7%                      |
|   | Overload- 0.0%                           |
|   | Planned Work- 0.0%                       |
|   | Trees- 68.8%                             |
|   | Utility Equipment- 0.1%                  |
|   | Vehicle- 0.0%                            |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 65.44                                    |
| <b>10.) 2015 SAIDI</b>  | 273.42                                   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.37                                     |
| <b>12.) 2015 SAIFI</b>  | 1.41                                     |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                      |

**SUBSTATION NAME AND NUMBER** RICHMOND INDUSTRIAL

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 110 Mikron Way - Richmond

3.) **CIRCUIT NAME AND NUMBER** 0343

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Pavilion Way - NW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 275

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/21/2014

8.) **2015 OUTAGES BY CAUSE**

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

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 20.70

10.) **2015 SAIDI** 98.17

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

12.) **2015 SAIFI** 0.34

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MIDDLESBORO 2 12KV #2  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Bell - Intersection of Cumberland Ace and S 38th St - Middlesborough |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0355   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Middlesborough - Cumberland Ave & Belt Line Rd - N of Substation     |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 33.7   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,356  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 05/28/2011   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 9.5%   |
|   | Construction- 0.0%   |
|   | Lightning- 12.0%   |
|   | Non-Company- 6.4%  |
|   | Other/Unknown- 6.8%  |
|   | Overload- 0.0%   |
|   | Planned Work- 1.7%   |
|   | Trees- 57.7%   |
|   | Utility Equipment- 5.8%  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 78.33  |
| <b>10.) 2015 SAIDI</b>  | 87.64  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.93   |
| <b>12.) 2015 SAIFI</b>  | 0.60   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

**SUBSTATION NAME AND NUMBER** MIDDLESBORO 1 12KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Corner of N 19th and Ironwood Rd - Middlesborough

3.) **CIRCUIT NAME AND NUMBER** 0364

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - Nutwood Rd - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.5

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 417

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/22/2013

8.) **2015 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 1.4%
- Non-Company- 2.9%
- Other/Unknown- 9.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 13.3%
- Utility Equipment- 72.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 66.06

10.) **2015 SAIDI** 164.33

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

12.) **2015 SAIFI** 1.23

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MIDDLESBORO 1 12KV                                       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Bell - Corner of N 19th and Ironwood Rd - Middlesborough |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0367   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Middlesborough - N 19th St - N & S of Substation         |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 10.4   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 525  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/12/2014   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%                                       |
|   | Lightning- 0.0%  |
|   | Non-Company- 69.0%                                       |
|   | Other/Unknown- 6.3%                                      |
|   | Overload- 0.0%   |
|   | Planned Work- 3.8%                                       |
|   | Trees- 13.9%   |
|   | Utility Equipment- 7.1%                                  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 53.66  |
| <b>10.) 2015 SAIDI</b>  | 38.17  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.52   |
| <b>12.) 2015 SAIFI</b>  | 0.70   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                                      |



**SUBSTATION NAME AND NUMBER** MIDDLESBORO 1 4KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Corner of N 19th and Ironwood Rd - Middlesborough

3.) **CIRCUIT NAME AND NUMBER** 0370

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - N 19th St - SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.2

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 634

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/03/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 97.0%
- Overload- 0.0%
- Planned Work- 2.2%
- Trees- 0.1%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 77.30

10.) **2015 SAIDI** 97.55

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.80

12.) **2015 SAIFI** 1.04

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** DELAPLAIN

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 413 Triport Cir - Sadieville

3.) **CIRCUIT NAME AND NUMBER** 0403

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sadieville - 0.41 Miles N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.4

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

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/01/2009

8.) **2015 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)** 82.10

10.) **2015 SAIDI** 153.00

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

12.) **2015 SAIFI** 2.00

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** TRAFTON AVENUE 12KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 141 Trafton St - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0404

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Old Frankfort Rd - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.1

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 87

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/03/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 12.5%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 16.7%
- Utility Equipment- 4.2%
- Vehicle- 66.7%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 77.67

10.) **2015 SAIDI** 166.46

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.27

12.) **2015 SAIFI** 0.55

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

Continue to Monitor

|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | FORKS OF ELKHORN                          |       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Franklin - 3286 Georgetown Rd - Frankfort |       |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0405                                      |       |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Frankfort - Switzer Rd - N of Substation  |       |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 49.5                                      |       |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 605                                       |       |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/17/2012                                |       |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal-                                   | 5.5%  |
|   | Construction-                             | 0.1%  |
|   | Lightning-                                | 40.1% |
|   | Non-Company-                              | 0.0%  |
|   | Other/Unknown-                            | 11.4% |
|   | Overload-                                 | 0.6%  |
|   | Planned Work-                             | 0.0%  |
|   | Trees-                                    | 38.7% |
|   | Utility Equipment-                        | 3.6%  |
|   | Vehicle-                                  | 0.0%  |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 125.15                                    |       |
| 10.) <b>2015 SAIDI</b>  | 93.81                                     |       |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.05                                      |       |
| 12.) <b>2015 SAIFI</b>  | 1.15                                      |       |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor                       |       |

**SUBSTATION NAME AND NUMBER** FORKS OF ELKHORN

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Franklin - 3286 Georgetown Rd - Frankfort

3.) **CIRCUIT NAME AND NUMBER** 0406

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Frankfort - Steadmantown Ln - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 21.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 772

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/01/2008

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 3.5%
- Non-Company- 0.0%
- Other/Unknown- 0.7%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 48.6%
- Utility Equipment- 1.7%
- Vehicle- 45.4%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 90.34

10.) **2015 SAIDI** 350.97

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

12.) **2015 SAIFI** 2.21

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HARLAN 4KV                                       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Harlan - Corner of River St and Rain St - Harlan |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0409   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Harlan - Clover St - NW of Substation            |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 1.8  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 258  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/25/2013                                       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%                                     |
|   | Construction- 0.0%                               |
|   | Lightning- 0.0%                                  |
|   | Non-Company- 0.0%                                |
|   | Other/Unknown- 95.6%                             |
|   | Overload- 0.0%                                   |
|   | Planned Work- 0.0%                               |
|   | Trees- 0.0%                                      |
|   | Utility Equipment- 4.4%                          |
|   | Vehicle- 0.0%                                    |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 5.00   |
| <b>10.) 2015 SAIDI</b>  | 15.29  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.06   |
| <b>12.) 2015 SAIFI</b>  | 0.17   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                              |

**SUBSTATION NAME AND NUMBER** GEORGETOWN 4KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 207 W Clinton St - Georgetown

3.) **CIRCUIT NAME AND NUMBER** 0421

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - Water St - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.8

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 321

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/20/2013

8.) **2015 OUTAGES BY CAUSE**

Animal- 0.0%  
 Construction- 0.0%  
 Lightning- 73.7%  
 Non-Company- 0.0%  
 Other/Unknown- 0.0%  
 Overload- 0.0%  
 Planned Work- 0.0%  
 Trees- 0.0%  
 Utility Equipment- 26.3%  
 Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 8.30

10.) **2015 SAIDI** 17.07

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

12.) **2015 SAIFI** 0.24

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | KENTENIA   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Harlan - Near HWY 219 on Meadow Creek Ln (Wilson Ln) - Wallins Creek |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0423   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Wallins Creek - E on Wilson Ln & S on HWY 219                        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 8.9  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 214  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/15/2014   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 17.9%   |
|   | Overload- 0.0%   |
|   | Planned Work- 26.9%  |
|   | Trees- 53.8%   |
|   | Utility Equipment- 1.4%  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 199.76   |
| <b>10.) 2015 SAIDI</b>  | 219.35   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.45   |
| <b>12.) 2015 SAIFI</b>  | 1.70   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |





|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | GEORGETOWN 12KV                              |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Scott Ky - 207 W Clinton St - Georgetown     |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0427   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Georgetown - S Broadway St - S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 6.0  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 566  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 05/11/2013                                   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.6%                                 |
|   | Construction- 0.0%                           |
|   | Lightning- 2.9%                              |
|   | Non-Company- 1.0%                            |
|   | Other/Unknown- 28.5%                         |
|   | Overload- 0.0%                               |
|   | Planned Work- 0.0%                           |
|   | Trees- 1.5%                                  |
|   | Utility Equipment- 65.5%                     |
|   | Vehicle- 0.0%                                |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 34.57  |
| <b>10.) 2015 SAIDI</b>  | 109.60                                       |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.52   |
| <b>12.) 2015 SAIFI</b>  | 1.20   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                          |

|   |  |             |
|---|--|-------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | NEWTOWN                                    |             |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Scott Ky - 5849 Paris Pike - Georgetown    |             |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0430                                       |             |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Georgetown - US 460 Pike - E of Substation |             |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 67.8                                       |             |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 779  |             |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/02/2015                                 |             |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |             |
|   | Animal- 2.8%                               |             |
|   | Construction- 0.0%                         |             |
|   | Lightning- 1.1%                            |             |
|   | Non-Company- 0.0%                          |             |
|   | Other/Unknown- 7.4%                        |             |
|   | Overload- 0.0%                             |             |
|   | Planned Work- 0.0%                         |             |
|   | Trees- 22.7%                               |             |
|   | Utility Equipment- 66.1%                   |             |
|   | Vehicle- 0.0%                              |             |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 50.27       |
| <b>10.) 2015 SAIDI</b>  |  | 42.90       |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.44        |
| <b>12.) 2015 SAIFI</b>  |  | <b>0.61</b> |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |             |
|   | Continue to Monitor                        |             |

|   |  |        |
|---|--|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LEMONS MILL                                    |        |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Scott Ky - 125 Carley Ct - Georgetown          |        |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0441   |        |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Georgetown - Lemons Mill Rd - SE of Substation |        |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 23.6   |        |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 866  |        |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/06/2013                                     |        |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | Animal- 0.4%                                   |        |
|   | Construction- 0.0%                             |        |
|   | Lightning- 0.0%                                |        |
|   | Non-Company- 0.1%                              |        |
|   | Other/Unknown- 48.6%                           |        |
|   | Overload- 0.0%                                 |        |
|   | Planned Work- 0.2%                             |        |
|   | Trees- 0.0%                                    |        |
|   | Utility Equipment- 50.8%                       |        |
|   | Vehicle- 0.0%                                  |        |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 201.64 |
| 10.) <b>2015 SAIDI</b>  |  | 84.67  |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 1.50   |
| 12.) <b>2015 SAIFI</b>  |  | 2.12   |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Continue to Monitor                            |        |

|   |                                       |       |
|---|---------------------------------------|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | POOLE                                 |       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Webster - 211 S Route 56 - Poole      |       |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0447                                  |       |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Poole - Bradley Rd - NE of Substation |       |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 1.1                                   |       |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 11                                    |       |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/16/2013                            |       |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |                                       |       |
|   | Animal- 0.0%                          |       |
|   | Construction- 0.0%                    |       |
|   | Lightning- 0.0%                       |       |
|   | Non-Company- 0.0%                     |       |
|   | Other/Unknown- 0.0%                   |       |
|   | Overload- 0.0%                        |       |
|   | Planned Work- 100.0%                  |       |
|   | Trees- 0.0%                           |       |
|   | Utility Equipment- 0.0%               |       |
|   | Vehicle- 0.0%                         |       |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |                                       | 22.85 |
| 10.) <b>2015 SAIDI</b>  |                                       | 44.18 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |                                       | 0.27  |
| 12.) <b>2015 SAIFI</b>  |                                       | 0.27  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |                                       |       |
|   | Continue to Monitor                   |       |



**SUBSTATION NAME AND NUMBER** CUMBERLAND

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Russel Dr just S of E Main St - Cumberland

3.) **CIRCUIT NAME AND NUMBER** 0454

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cumberland - Raymond D Hatfield Blvd - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.6

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 589

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 4.9%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 0.4%
- Utility Equipment- 94.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 141.94

10.) **2015 SAIDI** 144.40

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

12.) **2015 SAIFI** 1.28

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** CLOVERLICK

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - HWY 179 1/4 miles W from intersection of HWY 2006 and HWY 179 - Cumberland

3.) **CIRCUIT NAME AND NUMBER** 0458

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cumberland - State Hwy 2006 - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.8

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 157

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/26/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 42.4%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 46.9%
- Utility Equipment- 10.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 420.08

10.) **2015 SAIDI** 827.73

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.23

12.) **2015 SAIFI** 4.33

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

Continue to Monitor



**SUBSTATION NAME AND NUMBER** CLOVERLICK

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - HWY 179 1/4 miles W from intersection of HWY 2006 and HWY 179 - Cumberland

3.) **CIRCUIT NAME AND NUMBER** 0459

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cumberland - State Hwy 2006 - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.3

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 521

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/26/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 55.0%
- Other/Unknown- 10.5%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 1.9%
- Utility Equipment- 32.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 76.42

10.) **2015 SAIDI** 235.81

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

12.) **2015 SAIFI** 1.85

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** TOTZ

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - HWY 119 about 1/4 miles S on unnamed Rd on W side of Loop Dione

3.) **CIRCUIT NAME AND NUMBER** 0468

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Poor Fork - N US HWY 119 - E of Substation

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

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 73

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.9%
- Other/Unknown- 30.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 68.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 207.54

10.) **2015 SAIDI** 527.92

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.20

12.) **2015 SAIFI** 1.48

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** SHADRACK

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Franklin - 74 Bethel Ln - Frankfort

3.) **CIRCUIT NAME AND NUMBER** 0475

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Frankfort - US HWY 127 - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 46.3

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 566

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/01/2008

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.0%
- Lightning- 5.0%
- Non-Company- 42.8%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 3.6%
- Utility Equipment- 46.4%
- Vehicle- 0.4%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 157.31

10.) **2015 SAIDI** 206.38

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

12.) **2015 SAIFI** 2.28

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

Continue to Monitor

|   |   |        |
|---|---|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | STAMPING GROUND                                       |        |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Scott Ky - 3540 Main St - Stamping Ground             |        |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0481  |        |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Stamping Ground - SE on Main St & N on Locust Fork Rd |        |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 98.3  |        |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,237   |        |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/01/2012  |        |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |        |
|   | Animal- 1.7%  |        |
|   | Construction- 0.0%                                    |        |
|   | Lightning- 5.4%                                       |        |
|   | Non-Company- 0.0%                                     |        |
|   | Other/Unknown- 1.1%                                   |        |
|   | Overload- 0.0%  |        |
|   | Planned Work- 0.1%                                    |        |
|   | Trees- 14.2%  |        |
|   | Utility Equipment- 8.4%                               |        |
|   | Vehicle- 69.1%  |        |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 295.43 |
| 10.) <b>2015 SAIDI</b>  |   | 197.21 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 1.62   |
| 12.) <b>2015 SAIFI</b>  |   | 1.82   |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |        |
|   | Reliability Improvements Completed in 2015            |        |

|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MIDWAY 12KV                                     |       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Woodford - 860 Weisenburger Rd - Midway         |       |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0503  |       |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Midway - Weisenberger Mill Rd - W of Substation |       |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 45.8  |       |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 804   |       |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/11/2012                                      |       |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal- 1.0%                                    |       |
|   | Construction- 0.0%                              |       |
|   | Lightning- 3.9%                                 |       |
|   | Non-Company- 0.1%                               |       |
|   | Other/Unknown- 87.9%                            |       |
|   | Overload- 0.0%                                  |       |
|   | Planned Work- 0.0%                              |       |
|   | Trees- 6.0%                                     |       |
|   | Utility Equipment- 1.1%                         |       |
|   | Vehicle- 0.0%                                   |       |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 95.28 |
| 10.) <b>2015 SAIDI</b>  |   | 79.17 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.81  |
| 12.) <b>2015 SAIFI</b>  |   | 1.19  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor                             |       |



|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | VERSAILLES                               |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Woodford - 150 Tanner Alley - Versailles |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0505                                     |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Versailles - Main St - N of Substation   |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 5.1                                      |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 544                                      |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/30/2014                               |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%                             |
|   | Construction- 0.0%                       |
|   | Lightning- 1.0%                          |
|   | Non-Company- 0.0%                        |
|   | Other/Unknown- 3.1%                      |
|   | Overload- 0.0%                           |
|   | Planned Work- 0.0%                       |
|   | Trees- 76.5%                             |
|   | Utility Equipment- 19.4%                 |
|   | Vehicle- 0.0%                            |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 13.17                                    |
| <b>10.) 2015 SAIDI</b>  | 34.35                                    |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.12                                     |
| <b>12.) 2015 SAIFI</b>  | 0.18                                     |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                      |

|   |   |        |
|---|---|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | VERSAILLES BYPASS   |        |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Woodford - 350 Markham Dr - Versailles                    |        |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0507  |        |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Versailles - Big Sink Rd & Lexington Rd - E of Substation |        |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 49.0  |        |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,440   |        |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/23/2014  |        |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |        |
|   | Animal- 0.3%  |        |
|   | Construction- 0.0%  |        |
|   | Lightning- 3.7%   |        |
|   | Non-Company- 0.0%   |        |
|   | Other/Unknown- 0.7%                                       |        |
|   | Overload- 0.0%  |        |
|   | Planned Work- 0.8%  |        |
|   | Trees- 76.5%  |        |
|   | Utility Equipment- 17.9%                                  |        |
|   | Vehicle- 0.0%   |        |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 152.72 |
| 10.) <b>2015 SAIDI</b>  |   | 134.63 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 1.33   |
| 12.) <b>2015 SAIFI</b>  |   | 1.72   |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |        |
|   | Reliability Improvements Completed in 2015                |        |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | VERSAILLES BYPASS                           |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Woodford - 350 Markham Dr - Versailles      |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0510  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Versailles - Kuhlman Blvd - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.0   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 30  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/30/2014                                  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | 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- 0.0%                                 |
|   | Utility Equipment- 98.9%                    |
|   | Vehicle- 0.0%                               |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 141.35                                      |
| <b>10.) 2015 SAIDI</b>  | 664.03                                      |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.66  |
| <b>12.) 2015 SAIFI</b>  | 3.03  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                         |



|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | VERSAILLES WEST                            |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Woodford - 115 Rutter Rd - Versailles      |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0512                                       |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Versailles - Tyrone Pike - W of Substation |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 33.2                                       |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,104                                      |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/01/2011                                 |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.7%                               |
|   | Construction- 0.0%                         |
|   | Lightning- 3.9%                            |
|   | Non-Company- 0.0%                          |
|   | Other/Unknown- 15.5%                       |
|   | Overload- 56.1%                            |
|   | Planned Work- 0.5%                         |
|   | Trees- 14.0%                               |
|   | Utility Equipment- 8.3%                    |
|   | Vehicle- 0.0%                              |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 88.21                                      |
| 10.) <b>2015 SAIDI</b>  | 240.20                                     |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.98                                       |
| 12.) <b>2015 SAIFI</b>  | 1.96                                       |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                        |

**SUBSTATION NAME AND NUMBER** VERSAILLES WEST

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 115 Rutter Rd - Versailles

3.) **CIRCUIT NAME AND NUMBER** 0513

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Clifton Rd - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 26.1

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 885

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/06/2010

8.) **2015 OUTAGES BY CAUSE**

- Animal- 1.6%
- Construction- 0.0%
- Lightning- 22.1%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 75.4%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 168.00

10.) **2015 SAIDI** 252.51

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.27

12.) **2015 SAIFI** 1.38

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

Continue to Monitor

|   |  |        |
|---|--|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MIDWAY 12KV                              |        |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Woodford - 860 Weisenburger Rd - Midway  |        |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0516                                     |        |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Midway - State HWY 341 - N of Substation |        |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 40.2                                     |        |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 787                                      |        |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/24/2012                               |        |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | Animal- 1.6%                             |        |
|   | Construction- 0.1%                       |        |
|   | Lightning- 0.5%                          |        |
|   | Non-Company- 0.0%                        |        |
|   | Other/Unknown- 88.4%                     |        |
|   | Overload- 0.0%                           |        |
|   | Planned Work- 1.6%                       |        |
|   | Trees- 0.2%                              |        |
|   | Utility Equipment- 5.0%                  |        |
|   | Vehicle- 2.5%                            |        |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 115.55 |
| 10.) <b>2015 SAIDI</b>  |  | 93.47  |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 1.03   |
| 12.) <b>2015 SAIFI</b>  |  | 1.17   |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Continue to Monitor                      |        |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SOMERSET 1                              |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Pulaski - 144 Railroad Dr - Somerset    |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0522                                    |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Somerset - Langdon St - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.2                                     |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 291                                     |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/01/2010                              |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%                            |
|   | Construction- 0.0%                      |
|   | Lightning- 0.0%                         |
|   | Non-Company- 0.0%                       |
|   | Other/Unknown- 96.4%                    |
|   | Overload- 0.0%                          |
|   | Planned Work- 1.0%                      |
|   | Trees- 0.0%                             |
|   | Utility Equipment- 2.6%                 |
|   | Vehicle- 0.0%                           |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 40.64                                   |
| <b>10.) 2015 SAIDI</b>  | 89.34                                   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.43                                    |
| <b>12.) 2015 SAIFI</b>  | 1.04                                    |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                     |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SCIENCE HILL  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Pulaski - 45 E HWY 635 neat the intersection of E hWY 635 and Maple Ln - Science Hill |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0527  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Science Hill - N Highway 27 - NW of Substation  |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 5.2   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 186   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 07/28/2012  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 16.9%   |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 83.1%  |
|   | Overload- 0.0%  |
|   | Planned Work- 0.0%  |
|   | Trees- 0.0%   |
|   | Utility Equipment- 0.0%   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 28.75   |
| <b>10.) 2015 SAIDI</b>  | 78.20   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.24  |
| <b>12.) 2015 SAIFI</b>  | 0.77  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

**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 (COUNTY-ROAD-TOWN)** Somerset - HWY 27 - SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.7

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 264

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2010

8.) **2015 OUTAGES BY CAUSE**

- Animal- 62.6%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.0%
- Other/Unknown- 31.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 6.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 102.63

10.) **2015 SAIDI** 149.16

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.26

12.) **2015 SAIFI** 1.69

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | WAITSBORO   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Pulaski - 676 Old Monticello Rd at W Summitt Dr just W of HWY 27 - Somerset |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0533  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Somerset - N & S on HWY 27  |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 24.2  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,111   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/01/2010  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 5.3%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.5%   |
|   | Non-Company- 2.5%   |
|   | Other/Unknown- 2.7%   |
|   | Overload- 0.0%  |
|   | Planned Work- 1.6%  |
|   | Trees- 86.3%  |
|   | Utility Equipment- 1.0%   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 52.65   |
| <b>10.) 2015 SAIDI</b>  | 82.08   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.89  |
| <b>12.) 2015 SAIFI</b>  | 0.96  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|      |  |   |
|------|--|---|
| 1.)  | <b>SUBSTATION NAME AND NUMBER</b>                              | SOMERSET SOUTH  |
| 2.)  | <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                  | Pulaski - 3084 S HWY 27 S of Monticello Rd - Somerset |
| 3.)  | <b>CIRCUIT NAME AND NUMBER</b>                                 | 0542  |
| 4.)  | <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                     | Somerset - HWY 27 - S of Substation                   |
| 5.)  | <b>TOTAL CIRCUIT LENGTH (MILES)</b>                            | 4.0   |
| 6.)  | <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                         | 291   |
| 7.)  | <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                          | 09/01/2010  |
| 8.)  | <b>2015 OUTAGES BY CAUSE</b>                                   |   |
|      | Animal-  | 0.0%  |
|      | Construction-  | 0.0%  |
|      | Lightning-   | 1.9%  |
|      | Non-Company-   | 18.9%   |
|      | Other/Unknown-   | 0.0%  |
|      | Overload-  | 0.0%  |
|      | Planned Work-  | 37.7%   |
|      | Trees-   | 19.8%   |
|      | Utility Equipment-   | 19.8%   |
|      | Vehicle-   | 1.9%  |
| 9.)  | <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                          | 22.16   |
| 10.) | <b>2015 SAIDI</b>  | 91.75   |
| 11.) | <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.13  |
| 12.) | <b>2015 SAIFI</b>  | 0.36  |
| 13.) | <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|      | Continue to Monitor  |   |



**SUBSTATION NAME AND NUMBER** WAYNESBURG

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lincoln - On Old Somerset Rd (HWY 1247) just S of Clear Fork Rd - Waynesburg

3.) **CIRCUIT NAME AND NUMBER** 0546

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Waynesburg - KY HWY 1247 - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.0

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 265

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/19/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.5%
- Other/Unknown- 14.1%
- Overload- 0.0%
- Planned Work- 12.7%
- Trees- 72.1%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 135.12

10.) **2015 SAIDI** 279.38

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

12.) **2015 SAIFI** 1.39

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

Tree Trim Scheduled for 2016

**SUBSTATION NAME AND NUMBER** WAYNESBURG

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lincoln - On Old Somerset Rd (HWY 1247) just S of Clear Fork Rd - Waynesburg

3.) **CIRCUIT NAME AND NUMBER** 0547

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Waynesburg - KY HWY 1247 - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.7

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 359

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/09/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 98.7%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 259.24

10.) **2015 SAIDI** 1124.90

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

12.) **2015 SAIFI** 2.73

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

Tree Trim Scheduled for 2016

- SUBSTATION NAME AND NUMBER** LIBERTY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Casey - 1351 E KY HWY 70 - Liberty
- 3.) **CIRCUIT NAME AND NUMBER** 0550
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Libery - US 127 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 21.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 973
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/28/2012
- 8.) **2015 OUTAGES BY CAUSE**

- Animal- 5.1%
- Construction- 0.0%
- Lightning- 3.1%
- Non-Company- 0.3%
- Other/Unknown- 3.2%
- Overload- 3.8%
- Planned Work- 0.1%
- Trees- 43.3%
- Utility Equipment- 32.9%
- Vehicle- 8.1%

|  |        |
|--|--------|
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>  | 157.78 |
| 10.) <b>2015 SAIDI</b>                     | 690.92 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b> | 0.79   |
| 12.) <b>2015 SAIFI</b>                     | 3.20   |

- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**
- Tree Trim Scheduled for 2016

|   |                                      |
|---|--------------------------------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LIBERTY                              |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Casey - 1351 E KY HWY 70 - Liberty   |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0551                                 |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Liberty - E KY 70 - SW of Substation |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 13.4                                 |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 418                                  |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 05/19/2012                           |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |                                      |
|   | Animal- 1.0%                         |
|   | Construction- 0.0%                   |
|   | Lightning- 0.2%                      |
|   | Non-Company- 0.5%                    |
|   | Other/Unknown- 0.8%                  |
|   | Overload- 0.0%                       |
|   | Planned Work- 0.7%                   |
|   | Trees- 18.7%                         |
|   | Utility Equipment- 78.2%             |
|   | Vehicle- 0.0%                        |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 199.15                               |
| 10.) <b>2015 SAIDI</b>  | 301.92                               |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.33                                 |
| 12.) <b>2015 SAIFI</b>  | 1.47                                 |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |                                      |
|   | Continue to Monitor                  |

|   |                                      |
|---|--------------------------------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LIBERTY                              |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Casey - 1351 E KY HWY 70 - Liberty   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0552                                 |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Liberty - E KY 70 - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 28.6                                 |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 523                                  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/14/2012                           |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |                                      |
|   | Animal- 2.1%                         |
|   | Construction- 0.0%                   |
|   | Lightning- 1.4%                      |
|   | Non-Company- 0.4%                    |
|   | Other/Unknown- 7.5%                  |
|   | Overload- 0.1%                       |
|   | Planned Work- 0.0%                   |
|   | Trees- 42.6%                         |
|   | Utility Equipment- 45.0%             |
|   | Vehicle- 0.9%                        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 162.10                               |
| <b>10.) 2015 SAIDI</b>  | 415.77                               |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.13                                 |
| <b>12.) 2015 SAIFI</b>  | 2.03                                 |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |                                      |
|   | Tree Trim Scheduled for 2016         |

**SUBSTATION NAME AND NUMBER** SHELBY CITY

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 401 Grubbs Ln - Junction City

3.) **CIRCUIT NAME AND NUMBER** 0553

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Junction City - Hustonville Rd & Hwy 127 - SE & NE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.2

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 839

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/14/2013

8.) **2015 OUTAGES BY CAUSE**

Animal- 0.2%  
 Construction- 0.0%  
 Lightning- 2.3%  
 Non-Company- 32.8%  
 Other/Unknown- 0.0%  
 Overload- 0.0%  
 Planned Work- 0.9%  
 Trees- 0.1%  
 Utility Equipment- 63.8%  
 Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 87.13

10.) **2015 SAIDI** 206.25

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

12.) **2015 SAIFI** 3.14

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** DANIEL BOONE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 500 Daniel Boone Rd - Nortonville

3.) **CIRCUIT NAME AND NUMBER** 0557

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Nortonville - Dan Boone Rd, Squire Rd, Hwy 62 - NW&SE of Subst.

5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.8

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 121

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/14/2011

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 25.0%
- Non-Company- 0.0%
- Other/Unknown- 12.5%
- Overload- 0.0%
- Planned Work- 50.0%
- Trees- 0.0%
- Utility Equipment- 12.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 9.15

10.) **2015 SAIDI** 9.75

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

12.) **2015 SAIFI** 0.13

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

Continue to Monitor

- SUBSTATION NAME AND NUMBER** WHITLEY CITY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McCreary - Corner of US HWY 27 & Hicks Rd - Stearns-Whitley City
- 3.) **CIRCUIT NAME AND NUMBER** 0576
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Stearns-Whitley City - US HWY 27 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 39.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 756
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/13/2014
- 8.) **2015 OUTAGES BY CAUSE**

- Animal- 1.4%
- Construction- 0.0%
- Lightning- 12.4%
- Non-Company- 5.7%
- Other/Unknown- 4.5%
- Overload- 0.0%
- Planned Work- 2.2%
- Trees- 66.4%
- Utility Equipment- 7.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 378.34
- 10.) **2015 SAIDI** 491.46
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.67
- 12.) **2015 SAIFI** 1.43

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

Continue to Monitor



|   |   |               |
|---|---|---------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SHUN PIKE                                     |               |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Jessamine - 1201 Short Shun Rd                | Nicholasville |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0580  |               |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Nicholasville - N & S on Nicholasville Bypass |               |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 30.6  |               |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,302   |               |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/15/2012                                    |               |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |               |
|   | Animal-                                       | 0.8%          |
|   | Construction-                                 | 0.0%          |
|   | Lightning-                                    | 1.3%          |
|   | Non-Company-                                  | 94.3%         |
|   | Other/Unknown-                                | 0.5%          |
|   | Overload-                                     | 0.0%          |
|   | Planned Work-                                 | 0.0%          |
|   | Trees-  | 0.0%          |
|   | Utility Equipment-                            | 2.3%          |
|   | Vehicle-                                      | 0.8%          |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 85.09         |
| <b>10.) 2015 SAIDI</b>  |   | 37.00         |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.72          |
| <b>12.) 2015 SAIFI</b>  |   | 2.13          |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |               |
|   | Continue to Monitor                           |               |

**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 (COUNTY-ROAD-TOWN)** Nicholasville - Short Shun Rd - W of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.2

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 78

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/29/2012

8.) **2015 OUTAGES BY CAUSE**

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

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 99.68

10.) **2015 SAIDI** 141.55

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

12.) **2015 SAIFI** 0.80

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | WILMORE 12KV                               |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Jessamine - 210 W Linden St - Wilmore      |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0585                                       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Wilmore - College St - E & S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 20.3                                       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,278                                      |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/17/2012                                 |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 2.1%                               |
|   | Construction- 0.0%                         |
|   | Lightning- 6.7%                            |
|   | Non-Company- 0.1%                          |
|   | Other/Unknown- 76.1%                       |
|   | Overload- 0.0%                             |
|   | Planned Work- 0.1%                         |
|   | Trees- 11.8%                               |
|   | Utility Equipment- 3.0%                    |
|   | Vehicle- 0.1%                              |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 133.27                                     |
| <b>10.) 2015 SAIDI</b>  | 142.16                                     |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.35                                       |
| <b>12.) 2015 SAIFI</b>  | 1.34                                       |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                        |

**SUBSTATION NAME AND NUMBER** WILMORE 12KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jessamine - 210 W Linden St - Wilmore

3.) **CIRCUIT NAME AND NUMBER** 0586

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Wilmore - Lexington Rd - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 50.1

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,331

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/13/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 1.6%
- Construction- 0.0%
- Lightning- 1.0%
- Non-Company- 0.0%
- Other/Unknown- 11.9%
- Overload- 5.3%
- Planned Work- 0.0%
- Trees- 74.1%
- Utility Equipment- 6.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 84.16

10.) **2015 SAIDI** 149.73

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

12.) **2015 SAIFI** 1.60

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** WILMORE 4KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jessamine - 210 W Linden St - Wilmore

3.) **CIRCUIT NAME AND NUMBER** 0588

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Wilmore - Main St - SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 100

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/30/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 90.1%
- Trees- 0.0%
- Utility Equipment- 9.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.76

10.) **2015 SAIDI** 111.29

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

12.) **2015 SAIFI** 1.17

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

Continue to Monitor

|   |  |
|---|--|
| <b>1.) SUBSTATION NAME AND NUMBER</b>                               | HIGH BRIDGE 4KV                              |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Jessamie - 200 Crusher Ln - Wilmore          |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0590   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Wilmore - High Bridge Road - S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 7.6  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 137  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/13/2012                                   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%                                 |
|   | Construction- 0.0%                           |
|   | Lightning- 0.0%                              |
|   | Non-Company- 0.0%                            |
|   | Other/Unknown- 67.4%                         |
|   | Overload- 0.0%                               |
|   | Planned Work- 0.7%                           |
|   | Trees- 31.9%                                 |
|   | Utility Equipment- 0.0%                      |
|   | Vehicle- 0.0%                                |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 82.69  |
| <b>10.) 2015 SAIDI</b>  | 179.93                                       |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.43   |
| <b>12.) 2015 SAIFI</b>  | 1.01   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Tree Trim Scheduled for 2016                 |

**SUBSTATION NAME AND NUMBER** INNOVATION DRIVE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2350 Innovation Dr - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0591

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Jaggie Fox Way - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.4

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 93

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/19/2011

8.) **2015 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- 89.4%
- Utility Equipment- 10.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 81.47

10.) **2015 SAIDI** 209.34

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.83

12.) **2015 SAIFI** 2.24

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

Continue to Monitor

|   |   |        |
|---|---|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | INNOVATION DRIVE                            |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 2350 Innovation Dr - Lexington    |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0592  |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Georgetown Rd - E of Substation |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 12.4  |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,153                                       |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/19/2011                                  |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |        |
|   | Animal- 0.9%                                |        |
|   | Construction- 0.0%                          |        |
|   | Lightning- 0.3%                             |        |
|   | Non-Company- 47.1%                          |        |
|   | Other/Unknown- 49.1%                        |        |
|   | Overload- 0.0%                              |        |
|   | Planned Work- 0.1%                          |        |
|   | Trees- 0.1%                                 |        |
|   | Utility Equipment- 2.3%                     |        |
|   | Vehicle- 0.0%                               |        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 145.27 |
| <b>10.) 2015 SAIDI</b>  |   | 65.79  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 1.03   |
| <b>12.) 2015 SAIFI</b>  |   | 2.22   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |        |
|   | Continue to Monitor                         |        |



**SUBSTATION NAME AND NUMBER** OWINGSVILLE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 69 W Paul Lewis Dr - Owingsville

3.) **CIRCUIT NAME AND NUMBER** 0610

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Owingsville - Slate Ave - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.3

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 461

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/03/2012

8.) **2015 OUTAGES BY CAUSE**

Animal- 0.0%  
 Construction- 0.0%  
 Lightning- 0.0%  
 Non-Company- 0.0%  
 Other/Unknown- 84.3%  
 Overload- 0.0%  
 Planned Work- 0.0%  
 Trees- 1.9%  
 Utility Equipment- 13.9%  
 Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 9.87

10.) **2015 SAIDI** 18.41

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

12.) **2015 SAIFI** 0.23

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** OWINGSVILLE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 69 W Paul Lewis Dr - Owingsville

3.) **CIRCUIT NAME AND NUMBER** 0611

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Owingsville - W Main St - SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.1

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 724

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/06/2013

8.) **2015 OUTAGES BY CAUSE**

- Animal- 2.2%
- Construction- 0.0%
- Lightning- 64.6%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 32.8%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 98.13

10.) **2015 SAIDI** 69.62

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

12.) **2015 SAIFI** 0.58

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | FARMERS                                 |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Rowan - 6901 US 60 W - Morehead         |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0615                                    |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Morehead - US HWY 60 - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 21.4                                    |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 564                                     |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/21/2013                              |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 1.9%                            |
|   | Construction- 0.0%                      |
|   | Lightning- 2.2%                         |
|   | Non-Company- 1.2%                       |
|   | Other/Unknown- 6.0%                     |
|   | Overload- 0.7%                          |
|   | Planned Work- 76.2%                     |
|   | Trees- 3.7%                             |
|   | Utility Equipment- 8.3%                 |
|   | Vehicle- 0.0%                           |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 53.50                                   |
| <b>10.) 2015 SAIDI</b>  | 74.40                                   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.79                                    |
| <b>12.) 2015 SAIFI</b>  | 1.31                                    |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                     |

|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MOREHEAD WEST                           |       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Rowan - 133 Gregory Ct - Morehead       |       |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0616                                    |       |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Morehead - US HWY 60 - SW of Substation |       |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 7.9                                     |       |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 390                                     |       |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/30/2012                              |       |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal- 5.5%                            |       |
|   | Construction- 0.0%                      |       |
|   | Lightning- 0.0%                         |       |
|   | Non-Company- 0.0%                       |       |
|   | Other/Unknown- 82.6%                    |       |
|   | Overload- 0.0%                          |       |
|   | Planned Work- 11.0%                     |       |
|   | Trees- 0.9%                             |       |
|   | Utility Equipment- 0.0%                 |       |
|   | Vehicle- 0.0%                           |       |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 30.46 |
| 10.) <b>2015 SAIDI</b>  |   | 25.29 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.23  |
| 12.) <b>2015 SAIFI</b>  |   | 0.28  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor                     |       |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MOREHEAD WEST                              |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Rowan - 133 Gregory Ct - Morehead          |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0617                                       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Morehead - Clearfield Rd - S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 26.6                                       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,360                                      |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 07/14/2012                                 |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.6%                               |
|   | Construction- 0.0%                         |
|   | Lightning- 4.7%                            |
|   | Non-Company- 0.2%                          |
|   | Other/Unknown- 29.7%                       |
|   | Overload- 0.0%                             |
|   | Planned Work- 0.2%                         |
|   | Trees- 62.4%                               |
|   | Utility Equipment- 2.2%                    |
|   | Vehicle- 0.1%                              |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 133.07                                     |
| <b>10.) 2015 SAIDI</b>  | 568.96                                     |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.79                                       |
| <b>12.) 2015 SAIFI</b>  | 3.11                                       |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Tree Trim Scheduled for 2016               |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | RODBURN 12KV                                |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Rowan - 1974 US HWY 60 E - Morehead         |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0622  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Morehead - Midland Trail - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 5.6   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 235   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/21/2012                                  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 14.9%                               |
|   | Construction- 0.0%                          |
|   | Lightning- 10.6%                            |
|   | Non-Company- 0.0%                           |
|   | Other/Unknown- 46.8%                        |
|   | Overload- 0.0%                              |
|   | Planned Work- 0.0%                          |
|   | Trees- 6.4%                                 |
|   | Utility Equipment- 21.3%                    |
|   | Vehicle- 0.0%                               |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 20.03                                       |
| <b>10.) 2015 SAIDI</b>  | 39.29                                       |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.12  |
| <b>12.) 2015 SAIFI</b>  | 0.20  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                         |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | RODBURN 12KV                                    |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Rowan - 1974 US HWY 60 E - Morehead             |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0623  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Morehead - Rodburn Hollow Rd - NW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 4.4   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 304   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/21/2012                                      |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%                                    |
|   | Construction- 0.0%                              |
|   | Lightning- 0.0%                                 |
|   | Non-Company- 0.0%                               |
|   | Other/Unknown- 49.6%                            |
|   | Overload- 0.0%                                  |
|   | Planned Work- 0.0%                              |
|   | Trees- 49.6%                                    |
|   | Utility Equipment- 0.8%                         |
|   | Vehicle- 0.0%                                   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 126.05  |
| <b>10.) 2015 SAIDI</b>  | 70.43   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.62  |
| <b>12.) 2015 SAIFI</b>  | <b>0.80</b>                                     |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                             |

|   |                                       |      |
|---|---------------------------------------|------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | ROCKWELL                              |      |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Clark - 5835 Rockwell Rd - Winchester |      |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0624                                  |      |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Town - Road - General Area            |      |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 0.6                                   |      |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 8                                     |      |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/01/2012                            |      |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |                                       |      |
|   | Animal- 0.0%                          |      |
|   | Construction- 0.0%                    |      |
|   | Lightning- 0.0%                       |      |
|   | Non-Company- 0.0%                     |      |
|   | Other/Unknown- 0.0%                   |      |
|   | Overload- 0.0%                        |      |
|   | Planned Work- 0.0%                    |      |
|   | Trees- 0.0%                           |      |
|   | Utility Equipment- 100.0%             |      |
|   | Vehicle- 0.0%                         |      |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |                                       | 6.41 |
| 10.) <b>2015 SAIDI</b>  |                                       | 4.25 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |                                       | 0.09 |
| 12.) <b>2015 SAIFI</b>  |                                       | 0.13 |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |                                       |      |
|   | Continue to Monitor                   |      |



|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | PARKER SEAL  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Clark - 390 Mt Sterling Rd - Winchester            |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0629   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Winchester - Mt Sterling Rd - NE & S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 14.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 401  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/21/2015   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 2.4%                                       |
|   | Construction- 0.0%                                 |
|   | Lightning- 0.0%                                    |
|   | Non-Company- 4.3%                                  |
|   | Other/Unknown- 1.8%                                |
|   | Overload- 0.0%                                     |
|   | Planned Work- 2.8%                                 |
|   | Trees- 85.9%                                       |
|   | Utility Equipment- 2.8%                            |
|   | Vehicle- 0.0%                                      |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 34.77  |
| <b>10.) 2015 SAIDI</b>  | 58.76  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.46   |
| <b>12.) 2015 SAIFI</b>  | 0.82   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Trees Trimmed in 2015                              |

|   |                                       |
|---|---------------------------------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | WINCHESTER                            |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Clark - 2 Almond St - Winchester      |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0632                                  |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Winchester - 1st St - S of Substation |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 0.6                                   |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 77                                    |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/03/2012                            |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |                                       |
|   | Animal- 0.0%                          |
|   | Construction- 0.0%                    |
|   | Lightning- 0.0%                       |
|   | Non-Company- 0.0%                     |
|   | Other/Unknown- 0.0%                   |
|   | Overload- 0.0%                        |
|   | Planned Work- 100.0%                  |
|   | Trees- 0.0%                           |
|   | Utility Equipment- 0.0%               |
|   | Vehicle- 0.0%                         |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 8.55                                  |
| 10.) <b>2015 SAIDI</b>  | 29.76                                 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.27                                  |
| 12.) <b>2015 SAIFI</b>  | 0.14                                  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |                                       |
|   | Continue to Monitor                   |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SYLVANIA 4KV                             |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Clark - 439 E Washington St - Winchester |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0635                                     |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Winchester - New St - NW of Substation   |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 1.0                                      |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 99                                       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/24/2011                               |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%                             |
|   | Construction- 0.0%                       |
|   | Lightning- 0.0%                          |
|   | Non-Company- 0.0%                        |
|   | Other/Unknown- 0.0%                      |
|   | Overload- 95.7%                          |
|   | Planned Work- 2.1%                       |
|   | Trees- 2.1%                              |
|   | Utility Equipment- 0.0%                  |
|   | Vehicle- 0.0%                            |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 10.50                                    |
| <b>10.) 2015 SAIDI</b>  | 33.06                                    |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.16                                     |
| <b>12.) 2015 SAIFI</b>  | 0.48                                     |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                      |

**SUBSTATION NAME AND NUMBER** BOONE AVENUE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 660 Boone Ave. - Winchester

3.) **CIRCUIT NAME AND NUMBER** 0638

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Boonesboro Rd & Hillcrest Dr - SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.2

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 308

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/18/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 4.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 15.7%
- Overload- 0.0%
- Planned Work- 2.4%
- Trees- 4.8%
- Utility Equipment- 72.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 21.27

10.) **2015 SAIDI** 93.97

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

12.) **2015 SAIFI** 0.81

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

Continue to Monitor

|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | BOONE AVENUE  |       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Clark - 660 Boone Ave. - Winchester                           |       |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0639  |       |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Winchester - By-Pass, Colby Rd, McClure Rd - NW of Substation |       |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 41.5  |       |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,340   |       |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 08/11/2012  |       |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal- 1.0%  |       |
|   | Construction- 0.0%  |       |
|   | Lightning- 0.0%   |       |
|   | Non-Company- 0.2%   |       |
|   | Other/Unknown- 96.8%  |       |
|   | Overload- 0.1%  |       |
|   | Planned Work- 0.4%  |       |
|   | Trees- 0.0%   |       |
|   | Utility Equipment- 1.5%                                       |       |
|   | Vehicle- 0.0%   |       |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 80.07 |
| 10.) <b>2015 SAIDI</b>  |   | 68.84 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.85  |
| 12.) <b>2015 SAIFI</b>  |   | 1.04  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor   |       |

**SUBSTATION NAME AND NUMBER** EWINGTON

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 4006 Old Owingsville Rd - Mt Sterling

3.) **CIRCUIT NAME AND NUMBER** 0646

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt. Sterling - Old Owingsville Rd, Arlington Ave - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.4

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 606

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/18/2013

8.) **2015 OUTAGES BY CAUSE**

Animal- 0.0%  
 Construction- 0.0%  
 Lightning- 11.2%  
 Non-Company- 0.0%  
 Other/Unknown- 25.2%  
 Overload- 45.1%  
 Planned Work- 0.0%  
 Trees- 0.0%  
 Utility Equipment- 18.4%  
 Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 20.19

10.) **2015 SAIDI** 31.93

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

12.) **2015 SAIFI** 0.34

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | EWINGTON  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Montgomery - 4006 Old Owingsville Rd - Mt Sterling              |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0647  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Mt. Sterling - Owingsville Rd, Quisenberry Rd - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 9.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 65  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 05/18/2013  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 1.2%  |
|   | Construction- 0.0%  |
|   | Lightning- 12.9%  |
|   | Non-Company- 1.2%   |
|   | Other/Unknown- 3.5%   |
|   | Overload- 0.0%  |
|   | Planned Work- 1.2%  |
|   | Trees- 78.8%  |
|   | Utility Equipment- 1.2%   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 99.44   |
| <b>10.) 2015 SAIDI</b>  | 357.02  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.48  |
| <b>12.) 2015 SAIFI</b>  | 1.32  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |



**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 (COUNTY-ROAD-TOWN)** Greenville - Paradise Rd - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 9

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/19/2013

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 25.0%
- Overload- 0.0%
- Planned Work- 40.0%
- Trees- 35.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 73.18

10.) **2015 SAIDI** 316.78

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

12.) **2015 SAIFI** 2.22

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

Continue to Monitor



**SUBSTATION NAME AND NUMBER** MUHLENBERG PRISON

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 1200 River Rd - Central City

3.) **CIRCUIT NAME AND NUMBER** 0657

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - Hwy 431, S R 81, & S Carrolton St - NW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 45.5

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 776

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/27/2013

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 35.8%
- Non-Company- 0.1%
- Other/Unknown- 10.7%
- Overload- 0.0%
- Planned Work- 0.8%
- Trees- 2.1%
- Utility Equipment- 50.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 135.78

10.) **2015 SAIDI** 148.84

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.66

12.) **2015 SAIFI** 2.58

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

Continue to Monitor

**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 (COUNTY-ROAD-TOWN)** Carrollton - 11th St - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 781

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/19/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 13.4%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 1.1%
- Trees- 3.2%
- Utility Equipment- 13.4%
- Vehicle- 68.3%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.00

10.) **2015 SAIDI** 38.64

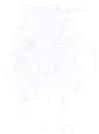
11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.42

12.) **2015 SAIFI** 0.69

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

Continue to Monitor

|   |                                       |
|---|---------------------------------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CARROLLTON 12KV                       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Carroll - 802 Mason St - Carrollton   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0709                                  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Carrollton - KY 36 - NW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 22.1                                  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 398                                   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/16/2012                            |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |                                       |
|   | Animal- 9.1%                          |
|   | Construction- 0.0%                    |
|   | Lightning- 1.5%                       |
|   | Non-Company- 0.0%                     |
|   | Other/Unknown- 16.7%                  |
|   | Overload- 0.0%                        |
|   | Planned Work- 0.0%                    |
|   | Trees- 68.9%                          |
|   | Utility Equipment- 3.8%               |
|   | Vehicle- 0.0%                         |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 33.83                                 |
| <b>10.) 2015 SAIDI</b>  | 57.85                                 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.30                                  |
| <b>12.) 2015 SAIFI</b>  | 0.33                                  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |                                       |
|   | Tree Trim Scheduled for 2016          |



|   |   |
|---|---|
| <b>1.) SUBSTATION NAME AND NUMBER</b>                               | DOW CORNING                               |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Carroll - 4790 Highway 42 E - Carrollton  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0712                                      |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Carrollton - US HWY 42 - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 1.8                                       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 8   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 08/25/2012                                |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%                              |
|   | Construction- 0.0%                        |
|   | Lightning- 0.0%                           |
|   | Non-Company- 100.0%                       |
|   | Other/Unknown- 0.0%                       |
|   | Overload- 0.0%                            |
|   | Planned Work- 0.0%                        |
|   | Trees- 0.0%                               |
|   | Utility Equipment- 0.0%                   |
|   | Vehicle- 0.0%                             |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 9.20                                      |
| <b>10.) 2015 SAIDI</b>  | 46.00                                     |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.20                                      |
| <b>12.) 2015 SAIFI</b>  | 1.00                                      |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                       |

|  |  |       |
|--|--|-------|
| SUBSTATION NAME AND NUMBER                                   | OWENTON                                |       |
| 2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)                   | Owen - 327 Gayle Avenue - Owenton      |       |
| 3.) CIRCUIT NAME AND NUMBER                                  | 0715                                   |       |
| 4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)                      | Owenton - Madison St - S of Substation |       |
| 5.) TOTAL CIRCUIT LENGTH (MILES)                             | 1.4                                    |       |
| 6.) CUSTOMER COUNT FOR THIS CIRCUIT                          | 176                                    |       |
| 7.) DATE OF LAST CIRCUIT TRIM (VM)                           | 10/13/2012                             |       |
| 8.) 2015 OUTAGES BY CAUSE                                    |  |       |
|  | Animal- 0.0%                           |       |
|  | Construction- 0.0%                     |       |
|  | Lightning- 0.0%                        |       |
|  | Non-Company- 0.0%                      |       |
|  | Other/Unknown- 4.8%                    |       |
|  | Overload- 0.0%                         |       |
|  | Planned Work- 0.0%                     |       |
|  | Trees- 0.0%                            |       |
|  | Utility Equipment- 95.2%               |       |
|  | Vehicle- 0.0%                          |       |
| 9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)                           |  | 11.06 |
| 10.) 2015 SAIDI  |  | 23.77 |
| 11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)                          |  | 0.25  |
| 12.) 2015 SAIFI  |  | 0.12  |
| 13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN |  |       |
|  | Continue to Monitor                    |       |

**SUBSTATION NAME AND NUMBER** OWENTON

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Owen - 327 Gayle Avenue - Owenton

3.) **CIRCUIT NAME AND NUMBER** 0716

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Owenton - Gratz Rd- SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.7

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 495

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/13/2012

8.) **2015 OUTAGES BY CAUSE**

Animal- 0.5%

Construction- 0.0%

Lightning- 1.4%

Non-Company- 0.0%

Other/Unknown- 0.7%

Overload- 0.0%

Planned Work- 0.4%

Trees- 0.0%

Utility Equipment- 89.9%

Vehicle- 7.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 134.96

10.) **2015 SAIDI** 343.43

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

12.) **2015 SAIFI** 1.13

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

Continue to Monitor

|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | GHENT                                     |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Carroll - 402 Liberty - Ghent             |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0717                                      |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Ghent - US HWY 42 - NE & SW of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 7.8                                       |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 285                                       |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 05/19/2012                                |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal- 0.0%                              |       |
|   | Construction- 0.0%                        |       |
|   | Lightning- 0.0%                           |       |
|   | Non-Company- 0.0%                         |       |
|   | Other/Unknown- 0.0%                       |       |
|   | Overload- 0.0%                            |       |
|   | Planned Work- 11.8%                       |       |
|   | Trees- 88.2%                              |       |
|   | Utility Equipment- 0.0%                   |       |
|   | Vehicle- 0.0%                             |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 15.89 |
| <b>10.) 2015 SAIDI</b>  |   | 31.19 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.25  |
| <b>12.) 2015 SAIFI</b>  |   | 0.12  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor                       |       |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HUNTERS BOTTOM  |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Trimble - 400 Hunter Heights Rd - Milton              |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 0719  |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Milton - N Spillman Lan, HWY 421 N - SE of Substation |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 25.4  |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 508   |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2011  |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.3%  |
|   | Construction- 0.0%                                    |
|   | Lightning- 47.7%                                      |
|   | Non-Company- 0.0%                                     |
|   | Other/Unknown- 0.5%                                   |
|   | Overload- 0.0%  |
|   | Planned Work- 0.5%                                    |
|   | Trees- 0.0%   |
|   | Utility Equipment- 51.0%                              |
|   | Vehicle- 0.0%   |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 140.45  |
| 10.) <b>2015 SAIDI</b>  | 275.15  |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.13  |
| 12.) <b>2015 SAIFI</b>  | 2.09  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                   |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LAWRENCE  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Henry - 9255 HWY 55 - Campbellsburg                   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0720  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Campbellsburg - HWY 55, HWY 316 - N & S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 11.3  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 105   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/29/2014  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.8%  |
|   | Construction- 0.0%                                    |
|   | Lightning- 98.3%                                      |
|   | Non-Company- 0.0%                                     |
|   | Other/Unknown- 0.0%                                   |
|   | Overload- 0.0%  |
|   | Planned Work- 0.0%                                    |
|   | Trees- 0.0%   |
|   | Utility Equipment- 0.8%                               |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 113.92  |
| <b>10.) 2015 SAIDI</b>  | 395.79  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.59  |
| <b>12.) 2015 SAIFI</b>  | 1.15  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                   |

- 1.) **SUBSTATION NAME AND NUMBER** SCHOLLS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Owen - 970 HWY 127 N - Owenton
- 3.) **CIRCUIT NAME AND NUMBER** 0724
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Owenton - HWY 127 N, State HWY 845 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 181
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/13/2012
- 8.) **2015 OUTAGES BY CAUSE**

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

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 20.74
- 10.) **2015 SAIDI** 35.03
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.32
- 12.) **2015 SAIFI** 0.29

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

Continue to Monitor

|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | WARSAW                                      |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Gallatin - RR 1 Box 51 - Warsaw             |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0728  |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Warsaw - Dry Creek Rd - S & E of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 9.6   |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 92  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/21/2013                                  |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | 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%                               |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 8.78  |
| <b>10.) 2015 SAIDI</b>  |   | 11.76 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.05  |
| <b>12.) 2015 SAIFI</b>  |   | 0.04  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor                         |       |

|   |  |               |
|---|--|---------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SPARTA   |               |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Owen - RR 1 Box 136C - Sparta                  |               |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0730   |               |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Sparta - State HWY 467 - NE & SE of Substation |               |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 28.0   |               |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 380  |               |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/07/2013                                     |               |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |               |
|   | Animal- 0.4%                                   |               |
|   | Construction- 0.0%                             |               |
|   | Lightning- 2.0%                                |               |
|   | Non-Company- 84.4%                             |               |
|   | Other/Unknown- 0.0%                            |               |
|   | Overload- 0.4%                                 |               |
|   | Planned Work- 1.8%                             |               |
|   | Trees- 0.2%                                    |               |
|   | Utility Equipment- 10.7%                       |               |
|   | Vehicle- 0.0%                                  |               |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | <b>112.16</b> |
| <b>10.) 2015 SAIDI</b>  |  | <b>26.49</b>  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | <b>0.83</b>   |
| <b>12.) 2015 SAIFI</b>  |  | <b>1.18</b>   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |               |
|   | Continue to Monitor                            |               |

|   |  |       |
|---|--|-------|
| <b>1.) SUBSTATION NAME AND NUMBER</b>                               | WARSAW   |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Gallatin - RR 1 Box 51 - Warsaw                              |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0734   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Warsaw - Smith Ave, Center Ave, E Main St - NE of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.5  |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 446  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/02/2012   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | 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%  |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 52.89 |
| <b>10.) 2015 SAIDI</b>  |  | 37.00 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.43  |
| <b>12.) 2015 SAIFI</b>  |  | 1.00  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor  |       |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MOREHEAD 12KV                               |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Rowan - 100 E Wilkinson Blvd - Morehead     |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0779  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Morehead - Wilkinson Blvd - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 6.9   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 452   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/21/2012                                  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 1.7%                                |
|   | Construction- 0.0%                          |
|   | Lightning- 0.0%                             |
|   | Non-Company- 2.7%                           |
|   | Other/Unknown- 3.1%                         |
|   | Overload- 0.0%                              |
|   | Planned Work- 1.0%                          |
|   | Trees- 91.4%                                |
|   | Utility Equipment- 0.0%                     |
|   | Vehicle- 0.0%                               |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 70.19                                       |
| <b>10.) 2015 SAIDI</b>  | 130.40                                      |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.63  |
| <b>12.) 2015 SAIFI</b>  | 0.64  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                         |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MOREHEAD 12KV                           |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Rowan - 100 E Wilkinson Blvd - Morehead |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0780                                    |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Morehead - 2nd St - E of Substation     |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 15.1                                    |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,329                                   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/21/2012                              |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 14.0%                           |
|   | Construction- 0.0%                      |
|   | Lightning- 3.6%                         |
|   | Non-Company- 5.8%                       |
|   | Other/Unknown- 2.2%                     |
|   | Overload- 0.0%                          |
|   | Planned Work- 5.0%                      |
|   | Trees- 53.2%                            |
|   | Utility Equipment- 16.0%                |
|   | Vehicle- 0.2%                           |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 52.40                                   |
| <b>10.) 2015 SAIDI</b>  | 122.47                                  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.36                                    |
| <b>12.) 2015 SAIFI</b>  | 0.61                                    |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                     |

**SUBSTATION NAME AND NUMBER** CORPORATE DRIVE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 4011 Corporate Dr - Winchester

3.) **CIRCUIT NAME AND NUMBER** 0798

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Enterprise Dr - SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.1

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 10

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/11/2009

8.) **2015 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 100.0%

Overload- 0.0%

Planned Work- 0.0%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

|  |      |
|--|------|
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>  | 1.28 |
| 10.) <b>2015 SAIDI</b>                     | 6.40 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b> | 0.02 |
| 12.) <b>2015 SAIFI</b>                     | 0.10 |

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

Continue to Monitor



**SUBSTATION NAME AND NUMBER** CORPORATE DRIVE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 4011 Corporate Dr - Winchester

3.) **CIRCUIT NAME AND NUMBER** 0799

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Corporate Dr & Fortune Dr - NW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.6

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 31

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/11/2009

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 18.2%
- Other/Unknown- 9.1%
- Overload- 0.0%
- Planned Work- 18.2%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 54.5%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.29

10.) **2015 SAIDI** 47.87

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

12.) **2015 SAIFI** 0.36

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER**                      PARIS 12KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bourbon - 520 Scott Ave - Paris

3.) **CIRCUIT NAME AND NUMBER**                      0805

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**    Town - Road - General Area

5.) **TOTAL CIRCUIT LENGTH (MILES)**                      97.6

6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                      1,874

7.) **DATE OF LAST CIRCUIT TRIM (VM)**                      04/25/2009

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 1.2%
- Non-Company- 0.1%
- Other/Unknown- 11.1%
- Overload- 0.3%
- Planned Work- 0.8%
- Trees- 30.4%
- Utility Equipment- 30.8%
- Vehicle- 24.9%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)**    108.37

10.) **2015 SAIDI**    253.37

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)**    1.13

12.) **2015 SAIFI**    2.33

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** MILLERSBURG

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bourbon - Vimont Ln. – Millersburg

3.) **CIRCUIT NAME AND NUMBER** 0808

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Millersburg - Old US Hwy 68/Vimont St/HWY 68/HWY 1879 - NE/NW/SW of Subst.

5.) **TOTAL CIRCUIT LENGTH (MILES)** 34.6

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 642

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/20/2008

8.) **2015 OUTAGES BY CAUSE**

- Animal- 3.0%
- Construction- 0.0%
- Lightning- 0.6%
- Non-Company- 1.8%
- Other/Unknown- 2.0%
- Overload- 0.0%
- Planned Work- 2.6%
- Trees- 28.1%
- Utility Equipment- 1.0%
- Vehicle- 60.8%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 39.58

10.) **2015 SAIDI** 80.75

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

12.) **2015 SAIFI** 0.78

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DOZIER HEIGHTS  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hopkins - 200 Claire Ln - Madisonville                    |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0815  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Madisonville - Country Club Ln, US 41A - NW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 13.7  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 656   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 08/07/2013  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 88.0%   |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 1.6%                                       |
|   | Overload- 0.0%  |
|   | Planned Work- 7.0%  |
|   | Trees- 1.7%   |
|   | Utility Equipment- 1.6%                                   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 37.34   |
| <b>10.) 2015 SAIDI</b>  | 73.46   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.79  |
| <b>12.) 2015 SAIFI</b>  | 1.13  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                       |



|   |  |
|---|--|
| <b>1.) SUBSTATION NAME AND NUMBER</b>                               | DOZIER HEIGHTS   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hopkins - 200 Claire Ln - Madisonville                           |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0816   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Madisonville - Sandcut Ln, Mcleod Ln, Grapvine Rd - N&E of Subs. |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 21.6   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 831  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/11/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.7%   |
|   | Construction- 0.0%   |
|   | Lightning- 57.7%   |
|   | Non-Company- 0.1%  |
|   | Other/Unknown- 26.7%   |
|   | Overload- 7.8%   |
|   | Planned Work- 1.3%   |
|   | Trees- 3.9%  |
|   | Utility Equipment- 1.9%  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 124.08   |
| <b>10.) 2015 SAIDI</b>  | 329.30   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.27   |
| <b>12.) 2015 SAIFI</b>  | 1.73   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

**SUBSTATION NAME AND NUMBER** MORTONS GAP

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 900 White Plains Rd - Mortons Gap

3.) **CIRCUIT NAME AND NUMBER** 0823

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mortons Gap - Trabue Rd, Flat Creek Rd, & Old White Plains Rd - N/S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.7

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 210

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/26/2009

8.) **2015 OUTAGES BY CAUSE**

Animal- 0.0%  
 Construction- 0.0%  
 Lightning- 0.0%  
 Non-Company- 42.4%  
 Other/Unknown- 43.6%  
 Overload- 0.0%  
 Planned Work- 13.4%  
 Trees- 0.0%  
 Utility Equipment- 0.6%  
 Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 58.15

10.) **2015 SAIDI** 75.71

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.78

12.) **2015 SAIFI** 2.40

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | ONTON   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Webster - 6294 S R 370 - Onton                                      |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0832  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Onton - KY 147, Harry Ashby Rd, Hwy 41 & Main St - SW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 18.0  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 334   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/30/2013  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.9%  |
|   | Construction- 0.0%  |
|   | Lightning- 6.0%   |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 77.2%  |
|   | Overload- 0.0%  |
|   | Planned Work- 0.0%  |
|   | Trees- 14.9%  |
|   | Utility Equipment- 1.1%   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 71.09   |
| <b>10.) 2015 SAIDI</b>  | 99.51   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.83  |
| <b>12.) 2015 SAIFI</b>  | 1.40  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

**SUBSTATION NAME AND NUMBER** WHITE PLAINS

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 336 NW Railroad - White Plains

3.) **CIRCUIT NAME AND NUMBER** 0839

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** White Plains - US 62, Main St/Hwy 813, & Concord Church Rd - NE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.6

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 355

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/10/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 11.7%
- Non-Company- 0.0%
- Other/Unknown- 24.7%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 3.7%
- Utility Equipment- 3.7%
- Vehicle- 55.2%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 193.59

10.) **2015 SAIDI** 182.10

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

12.) **2015 SAIFI** 1.93

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

Continue to Monitor



**SUBSTATION NAME AND NUMBER** CYNTHIANA 12KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harrison - 208 McIlvain Blvd - Cynthiana

3.) **CIRCUIT NAME AND NUMBER** 0853

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cynthiana/Berry - River Rd, Poplar St, US 27, City of Berry - N of Subst.

5.) **TOTAL CIRCUIT LENGTH (MILES)** 74.4

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 892

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/04/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.2%
- Lightning- 68.0%
- Non-Company- 0.0%
- Other/Unknown- 0.6%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 23.6%
- Utility Equipment- 6.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 125.72

10.) **2015 SAIDI** 184.17

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.09

12.) **2015 SAIFI** 1.49

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | WEST HICKMAN   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 3172 Ashgrove Rd - Lexington                         |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0865   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Saron Dr, Tates Creek Rd, Kenesaw Dr - NE of Subst |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 23.9   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,278  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/18/2014   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.7%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.4%  |
|   | Non-Company- 0.2%  |
|   | Other/Unknown- 0.2%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.0%   |
|   | Trees- 0.0%  |
|   | Utility Equipment- 97.6%                                       |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 44.57  |
| <b>10.) 2015 SAIDI</b>  | 26.23  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.57   |
| <b>12.) 2015 SAIFI</b>  | 0.93   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

**SUBSTATION NAME AND NUMBER** SHANNON RUN

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 2770 Shannon Run Rd - Versailles

3.) **CIRCUIT NAME AND NUMBER** 0867

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Shannon Run, Hwy 169 - SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 38.8

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 358

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/01/2010

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 5.5%
- Non-Company- 0.0%
- Other/Unknown- 2.9%
- Overload- 0.0%
- Planned Work- 0.9%
- Trees- 90.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 139.96

10.) **2015 SAIDI** 234.81

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

12.) **2015 SAIFI** 0.97

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** SHANNON RUN

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 2770 Shannon Run Rd - Versailles

3.) **CIRCUIT NAME AND NUMBER** 0868

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Shannon Run, Lexington Rd, Pisgah Rd - N of Subst

5.) **TOTAL CIRCUIT LENGTH (MILES)** 64.1

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 958

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/01/2010

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.5%
- Lightning- 10.8%
- Non-Company- 3.1%
- Other/Unknown- 38.7%
- Overload- 0.0%
- Planned Work- 5.0%
- Trees- 8.2%
- Utility Equipment- 23.6%
- Vehicle- 9.4%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 317.74

10.) **2015 SAIDI** 599.89

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.68

12.) **2015 SAIFI** 4.71

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** BRYANT ROAD

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3097 Helmsdale Pl. - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0874

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Todds Rd - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 29.5

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,667

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/21/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 38.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 28.6%
- Overload- 0.0%
- Planned Work- 18.2%
- Trees- 0.0%
- Utility Equipment- 14.3%
- Vehicle- 0.3%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 13.31

10.) **2015 SAIDI** 22.47

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

12.) **2015 SAIFI** 0.42

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CARLISLE 12KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Nicholas - 104 S Elm St - Carlisle                                       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0877   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Carlisle/Sharpsburg - S Upper Jackstown, Hwy 1285, Hwy 11 - SSE of Subst |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 43.3   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 669  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/07/2014   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.6%   |
|   | Construction- 0.0%   |
|   | Lightning- 4.0%  |
|   | Non-Company- 0.1%  |
|   | Other/Unknown- 51.8%   |
|   | Overload- 40.3%  |
|   | Planned Work- 2.1%   |
|   | Trees- 0.0%  |
|   | Utility Equipment- 1.1%  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 157.34   |
| <b>10.) 2015 SAIDI</b>  | 321.16   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.15   |
| <b>12.) 2015 SAIFI</b>  | 2.24   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

**SUBSTATION NAME AND NUMBER** CARLISLE 12KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nicholas - 104 S Elm St - Carlisle

3.) **CIRCUIT NAME AND NUMBER** 0878

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Carlisle - Old Paris Rd, Concrete Rd - NW of Subst.

5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.5

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 193

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/11/2013

8.) **2015 OUTAGES BY CAUSE**

- Animal- 2.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 86.4%
- Overload- 0.0%
- Planned Work- 7.7%
- Trees- 0.0%
- Utility Equipment- 3.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 65.59

10.) **2015 SAIDI** 233.05

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

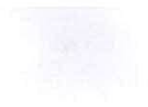
12.) **2015 SAIFI** 1.22

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CARLISLE 12KV   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Nicholas - 104 S Elm St - Carlisle                    |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0879  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Carlisle - City of Carlisle, Hwy 36 - E of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 33.9  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,087   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/11/2014  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.4%  |
|   | Construction- 0.0%                                    |
|   | Lightning- 1.5%                                       |
|   | Non-Company- 0.0%                                     |
|   | Other/Unknown- 66.4%                                  |
|   | Overload- 13.0%                                       |
|   | Planned Work- 9.5%                                    |
|   | Trees- 5.8%   |
|   | Utility Equipment- 1.4%                               |
|   | Vehicle- 1.9%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 77.01   |
| <b>10.) 2015 SAIDI</b>  | 226.79  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.92  |
| <b>12.) 2015 SAIFI</b>  | 1.85  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                   |





**SUBSTATION NAME AND NUMBER** MAYSVILLE WEST

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 210 Cox Alley - Maysville

3.) **CIRCUIT NAME AND NUMBER** 0900

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Maddox Aly, 4th St, Hwy 62 - SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.5

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 152

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/06/2014

8.) **2015 OUTAGES BY CAUSE**

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

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 2.15

10.) **2015 SAIDI** 8.47

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

12.) **2015 SAIFI** 0.16

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** MAYSVILLE WEST

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 210 Cox Alley - Maysville

3.) **CIRCUIT NAME AND NUMBER** 0903

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - W 2nd St, W Mcdonald Pkwy - NW of Subst.

5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 371

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/06/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 99.1%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.6%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

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

10.) **2015 SAIDI** 95.55

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

12.) **2015 SAIFI** 0.92

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** KENTON

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 801 Kenton Station Rd - Maysville

3.) **CIRCUIT NAME AND NUMBER** 0920

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Lexington Rd, Duke of York St, Hwy 2515 - S of Subst.

5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 878

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/01/2015

8.) **2015 OUTAGES BY CAUSE**

- Animal- 4.5%
- Construction- 0.0%
- Lightning- 3.8%
- Non-Company- 0.0%
- Other/Unknown- 1.0%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 0.1%
- Utility Equipment- 88.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 64.21

10.) **2015 SAIDI** 101.99

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

12.) **2015 SAIFI** 1.14

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** KENTON

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 801 Kenton Station Rd - Maysville

3.) **CIRCUIT NAME AND NUMBER** 0921

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - W Maple Leaf Rd, Jersey Ridge Rd - E&NE of Subst.

5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.7

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 887

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/05/2016

8.) **2015 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 4.6%
- Non-Company- 0.1%
- Other/Unknown- 4.3%
- Overload- 0.0%
- Planned Work- 1.5%
- Trees- 0.0%
- Utility Equipment- 88.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 37.47

10.) **2015 SAIDI** 49.96

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

12.) **2015 SAIFI** 1.14

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** KENTON

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 801 Kenton Station Rd - Maysville

3.) **CIRCUIT NAME AND NUMBER** 0923

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Hwy 10, Market Square Dr - SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.0

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 220

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/02/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.8%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 4.6%
- Trees- 0.0%
- Utility Equipment- 93.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 68.35

10.) **2015 SAIDI** 13.40

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

12.) **2015 SAIFI** 1.08

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

Continue to Monitor

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | AUGUSTA  |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Bracken - 318 E 4th St. - Augusta                  |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0931   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Augusta - Hamilton Ave, E 2nd St - N of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.8  |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 286  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/15/2013   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 0.0%                                       |       |
|   | Construction- 0.0%                                 |       |
|   | Lightning- 0.0%                                    |       |
|   | Non-Company- 0.0%                                  |       |
|   | Other/Unknown- 10.4%                               |       |
|   | Overload- 0.0%                                     |       |
|   | Planned Work- 0.0%                                 |       |
|   | Trees- 10.4%                                       |       |
|   | Utility Equipment- 79.2%                           |       |
|   | Vehicle- 0.0%                                      |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 13.27 |
| <b>10.) 2015 SAIDI</b>  |  | 14.18 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.27  |
| <b>12.) 2015 SAIFI</b>  |  | 0.17  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor                                |       |

|   |   |
|---|---|
| <b>1.) SUBSTATION NAME AND NUMBER</b>                               | SARDIS  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Mason - 4000 Blue Lick Rd - Mays Lick                           |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0940  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Mays Lick/Mt Olivet - Hwy 62, Brierly Ridge Rd - W&NW of Subst. |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 20.1  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 469   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/15/2013  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 1.3%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.4%   |
|   | Non-Company- 38.6%  |
|   | Other/Unknown- 3.4%   |
|   | Overload- 0.0%  |
|   | Planned Work- 0.0%  |
|   | Trees- 0.1%   |
|   | Utility Equipment- 2.4%   |
|   | Vehicle- 53.7%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 118.48  |
| <b>10.) 2015 SAIDI</b>  | 206.80  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.91  |
| <b>12.) 2015 SAIFI</b>  | 1.43  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|  |                                    |        |
|--|------------------------------------|--------|
| 1.) SUBSTATION NAME AND NUMBER                               | CARNTOWN                           |        |
| 2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)                   | Pendleton - 15125 Hwy 8 - Foster   |        |
| 3.) CIRCUIT NAME AND NUMBER                                  | 0947                               |        |
| 4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)                      | Foster - Hwy 8 - NNW of Substation |        |
| 5.) TOTAL CIRCUIT LENGTH (MILES)                             | 43.5                               |        |
| 6.) CUSTOMER COUNT FOR THIS CIRCUIT                          | 632                                |        |
| 7.) DATE OF LAST CIRCUIT TRIM (VM)                           | 10/30/2012                         |        |
| 8.) 2015 OUTAGES BY CAUSE                                    |                                    |        |
|  | Animal- 1.1%                       |        |
|  | Construction- 0.0%                 |        |
|  | Lightning- 3.3%                    |        |
|  | Non-Company- 0.0%                  |        |
|  | Other/Unknown- 42.5%               |        |
|  | Overload- 3.1%                     |        |
|  | Planned Work- 0.0%                 |        |
|  | Trees- 45.7%                       |        |
|  | Utility Equipment- 4.3%            |        |
|  | Vehicle- 0.0%                      |        |
| 9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)                           |                                    | 520.82 |
| 10.) 2015 SAIDI  |                                    | 635.25 |
| 11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)                          |                                    | 1.99   |
| 12.) 2015 SAIFI  |                                    | 2.31   |
| 13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN |                                    |        |
|  | Continue to Monitor                |        |



**SUBSTATION NAME AND NUMBER** CARNTOWN

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pendleton - 15125 Hwy 8 - Foster

3.) **CIRCUIT NAME AND NUMBER** 0948

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Foster - Hwy 8 - S&SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.5

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 224

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/09/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 1.4%
- Non-Company- 24.2%
- Other/Unknown- 3.7%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 66.3%
- Utility Equipment- 4.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 316.70

10.) **2015 SAIDI** 636.89

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.72

12.) **2015 SAIFI** 4.17

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

Tree Trim Scheduled for 2016

**SUBSTATION NAME AND NUMBER** WEDONIA

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 6964 KY Hwy 11 - Maysville

3.) **CIRCUIT NAME AND NUMBER** 0965

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Hwy 11 - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 42.0

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 510

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/10/2013

8.) **2015 OUTAGES BY CAUSE**

- Animal- 2.0%
- Construction- 0.0%
- Lightning- 1.7%
- Non-Company- 1.2%
- Other/Unknown- 40.8%
- Overload- 39.2%
- Planned Work- 0.1%
- Trees- 0.1%
- Utility Equipment- 14.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 87.34

10.) **2015 SAIDI** 201.39

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.91

12.) **2015 SAIFI** 2.37

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

Continue to Monitor

|   |  |        |
|---|--|--------|
| <b>1.) SUBSTATION NAME AND NUMBER</b>                               | WEDONIA  |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Mason - 6964 KY Hwy 11 - Maysville                       |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 0966   |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Flemingsburg - Hwy 170, City of Ewing - SW of Substation |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 26.6   |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 526  |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/16/2013   |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | Animal- 1.4%   |        |
|   | Construction- 0.0%                                       |        |
|   | Lightning- 0.4%  |        |
|   | Non-Company- 0.0%  |        |
|   | Other/Unknown- 3.0%                                      |        |
|   | Overload- 0.0%   |        |
|   | Planned Work- 0.0%                                       |        |
|   | Trees- 93.2%   |        |
|   | Utility Equipment- 2.0%                                  |        |
|   | Vehicle- 0.0%  |        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 99.45  |
| <b>10.) 2015 SAIDI</b>  |  | 229.50 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.78   |
| <b>12.) 2015 SAIFI</b>  |  | 0.95   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Continue to Monitor                                      |        |

|   |   |        |
|---|---|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HIGBY MILL 12KV                               |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 308 Waveland Museum Ln - Lexington  |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1071  |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Man O War Blvd - NW of Substation |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 14.7  |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,703   |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/31/2013                                    |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |        |
|   | Animal- 1.4%                                  |        |
|   | Construction- 0.0%                            |        |
|   | Lightning- 0.0%                               |        |
|   | Non-Company- 0.6%                             |        |
|   | Other/Unknown- 13.3%                          |        |
|   | Overload- 0.4%                                |        |
|   | Planned Work- 0.0%                            |        |
|   | Trees- 79.7%                                  |        |
|   | Utility Equipment- 4.6%                       |        |
|   | Vehicle- 0.0%                                 |        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 112.41 |
| <b>10.) 2015 SAIDI</b>  |   | 89.71  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.50   |
| <b>12.) 2015 SAIFI</b>  |   | 0.67   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |        |
|   | Continue to Monitor                           |        |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | WEST HIGH STREET                            |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Lexington - 727 West High St - Lexington    |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 1102  |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - West High St - SE of Substation |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.4   |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 19  |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | Underground Circuit                         |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%                                |
|   | Construction- 0.0%                          |
|   | Lightning- 0.0%                             |
|   | Non-Company- 93.3%                          |
|   | Other/Unknown- 0.0%                         |
|   | Overload- 0.0%                              |
|   | Planned Work- 6.7%                          |
|   | Trees- 0.0%                                 |
|   | Utility Equipment- 0.0%                     |
|   | Vehicle- 0.0%                               |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 3.82  |
| 10.) <b>2015 SAIDI</b>  | 19.08                                       |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.28  |
| 12.) <b>2015 SAIFI</b>  | 0.81  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                         |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | VINE STREET 12KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Fayette - 112 E Vine St. - Lexington                            |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1202  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lexington - Water St - E of Substation, Ayers Aly - E of Subst. |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 1.1   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 21  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | Underground Circuit   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 8.3%   |
|   | Other/Unknown- 87.5%  |
|   | Overload- 0.0%  |
|   | Planned Work- 4.2%  |
|   | Trees- 0.0%   |
|   | Utility Equipment- 0.0%   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 47.07   |
| <b>10.) 2015 SAIDI</b>  | 120.05  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.41  |
| <b>12.) 2015 SAIFI</b>  | 1.14  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

**SUBSTATION NAME AND NUMBER** CRUTCHFIELD

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** County - Road - Town

3.) **CIRCUIT NAME AND NUMBER** 1323

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Fulton - Depot St, Hwy 924 - SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.3

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 41

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/23/2011

8.) **2015 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)** 105.37

10.) **2015 SAIDI** 339.00

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

12.) **2015 SAIFI** 2.00

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

Continue to Monitor

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | WICKLIFFE CITY   |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Ballard - Mayola Ave - Wickliffe   |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1325   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Wickliffe - 4th St, Greene St, US 60, & County Farm Rd - N & S of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 14.5   |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 319  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/31/2007   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal-  | 7.6%  |
|   | Construction-  | 0.0%  |
|   | Lightning-   | 9.5%  |
|   | Non-Company-   | 0.0%  |
|   | Other/Unknown-   | 15.2% |
|   | Overload-  | 0.0%  |
|   | Planned Work-  | 6.7%  |
|   | Trees-   | 2.9%  |
|   | Utility Equipment-   | 0.0%  |
|   | Vehicle-   | 58.1% |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 24.56  |       |
| <b>10.) 2015 SAIDI</b>  | 42.84  |       |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.19   |       |
| <b>12.) 2015 SAIFI</b>  | 0.33   |       |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor  |       |



|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | GREENVILLE NORTH   |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 501 HWY 189 Bypass - Greenville                         |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 1327   |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Greenville - HWY 601, S R 181, & Luzerne Depoy Rd - NW of Substation |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 42.0   |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 801  |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 07/02/2011   |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 9.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 9.9%  |
|   | Non-Company- 0.6%  |
|   | Other/Unknown- 22.5%   |
|   | Overload- 0.0%   |
|   | Planned Work- 1.1%   |
|   | Trees- 5.8%  |
|   | Utility Equipment- 14.5%   |
|   | Vehicle- 36.6%   |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 103.30   |
| 10.) <b>2015 SAIDI</b>  | 230.27   |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.18   |
| 12.) <b>2015 SAIFI</b>  | 2.72   |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | GREENVILLE NORTH   |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 501 HWY 189 Bypass - Greenville             |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 1328   |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Greenville - S R 176 & Paradise Rd/St - SE of Substation |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 43.7   |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 961  |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/31/2011   |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 60.5%  |
|   | Construction- 0.0%                                       |
|   | Lightning- 7.5%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 4.2%                                      |
|   | Overload- 0.0%   |
|   | Planned Work- 2.2%                                       |
|   | Trees- 0.3%  |
|   | Utility Equipment- 2.5%                                  |
|   | Vehicle- 22.8%   |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 119.02   |
| 10.) <b>2015 SAIDI</b>  | 161.65   |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.54   |
| 12.) <b>2015 SAIFI</b>  | 1.74   |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                                      |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CORYDON                                       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Henderson - 5430 Greenlick Rd - Corydon       |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 1428  |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Corydon - Hwy 266, Hwy 136 - NW of Substation |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 12.9  |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 223   |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/02/2010                                    |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 5.5%                                  |
|   | Construction- 0.0%                            |
|   | Lightning- 0.0%                               |
|   | Non-Company- 0.0%                             |
|   | Other/Unknown- 82.1%                          |
|   | Overload- 0.0%                                |
|   | Planned Work- 0.0%                            |
|   | Trees- 12.4%                                  |
|   | Utility Equipment- 0.0%                       |
|   | Vehicle- 0.0%                                 |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 337.11  |
| 10.) <b>2015 SAIDI</b>  | 1531.24                                       |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.77  |
| 12.) <b>2015 SAIFI</b>  | 1.22  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                           |

|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CORYDON                                     |       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Henderson - 5430 Greenlick Rd - Corydon     |       |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 1431  |       |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Corydon - City of Corydon - E of Substation |       |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 16.9  |       |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 448   |       |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/02/2010                                  |       |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal- 0.0%                                |       |
|   | Construction- 0.0%                          |       |
|   | Lightning- 0.0%                             |       |
|   | Non-Company- 0.0%                           |       |
|   | Other/Unknown- 38.1%                        |       |
|   | Overload- 0.0%                              |       |
|   | Planned Work- 0.0%                          |       |
|   | Trees- 56.0%                                |       |
|   | Utility Equipment- 6.0%                     |       |
|   | Vehicle- 0.0%                               |       |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 13.33 |
| 10.) <b>2015 SAIDI</b>  |   | 16.50 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.20  |
| 12.) <b>2015 SAIFI</b>  |   | 0.19  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor                         |       |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | TUNNEL HILL   |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Henderson - 12990 HWY 416 W - Corydon                 |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 1443  |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Corydon - US HWY 41 A & S R 416 - N & E of Substation |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 23.6  |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 386   |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/23/2010  |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 2.5%  |
|   | Construction- 0.0%                                    |
|   | Lightning- 31.9%                                      |
|   | Non-Company- 0.0%                                     |
|   | Other/Unknown- 61.5%                                  |
|   | Overload- 0.0%  |
|   | Planned Work- 0.2%                                    |
|   | Trees- 2.5%   |
|   | Utility Equipment- 1.4%                               |
|   | Vehicle- 0.0%   |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 85.08   |
| 10.) <b>2015 SAIDI</b>  | 100.42  |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.00  |
| 12.) <b>2015 SAIFI</b>  | 1.33  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                   |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MANITOU                                       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hopkins - 7615 Nebo Rd - Nebo                 |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1451  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Nebo - US 41 ALT & Happy Ln - E of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 8.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 134   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/10/2013                                    |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.2%                                  |
|   | Construction- 0.0%                            |
|   | Lightning- 0.0%                               |
|   | Non-Company- 0.0%                             |
|   | Other/Unknown- 97.6%                          |
|   | Overload- 0.0%                                |
|   | Planned Work- 0.0%                            |
|   | Trees- 1.0%                                   |
|   | Utility Equipment- 1.2%                       |
|   | Vehicle- 0.0%                                 |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 71.33   |
| <b>10.) 2015 SAIDI</b>  | 149.07  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.34  |
| <b>12.) 2015 SAIFI</b>  | 3.10  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                           |

|   |   |      |
|---|---|------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SENTRY  |      |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hopkins - 1000 John Hardy Rd - Madisonville                           |      |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 1454  |      |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Madisonville - Pleasant View Rd & Austin Powder Rd - SE of Substation |      |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 6.3   |      |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 56  |      |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/26/2013  |      |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |      |
|   | Animal- 0.0%  |      |
|   | Construction- 0.0%  |      |
|   | Lightning- 0.0%   |      |
|   | Non-Company- 0.0%   |      |
|   | Other/Unknown- 0.0%   |      |
|   | Overload- 0.0%  |      |
|   | Planned Work- 50.0%   |      |
|   | Trees- 0.0%   |      |
|   | Utility Equipment- 0.0%   |      |
|   | Vehicle- 50.0%  |      |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 2.25 |
| 10.) <b>2015 SAIDI</b>  |   | 1.96 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.03 |
| 12.) <b>2015 SAIFI</b>  |   | 0.04 |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |      |
|   | Continue to Monitor   |      |

|   |                                       |
|---|---------------------------------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | AIRLINE RD 12KV                       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Henderson - 1830 Clay St - Henderson  |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 1461                                  |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Henderson - Clay St - E of Substation |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 11.6                                  |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 824                                   |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/02/2010                            |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |                                       |
|   | Animal- 0.9%                          |
|   | Construction- 0.0%                    |
|   | Lightning- 65.6%                      |
|   | Non-Company- 0.9%                     |
|   | Other/Unknown- 0.2%                   |
|   | Overload- 0.0%                        |
|   | Planned Work- 1.1%                    |
|   | Trees- 5.9%                           |
|   | Utility Equipment- 25.3%              |
|   | Vehicle- 0.0%                         |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 44.44                                 |
| 10.) <b>2015 SAIDI</b>  | 95.37                                 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.65                                  |
| 12.) <b>2015 SAIFI</b>  | 1.54                                  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |                                       |
|   | Continue to Monitor                   |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | EARLINGTON 12KV   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hopkins - 310-A McEuen - Madisonville                     |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1478  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Madisonville - Hwy 2171, Airport Rd - NW&NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 11.2  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 77  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/20/2014  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 81.2%  |
|   | Non-Company- 0.9%   |
|   | Other/Unknown- 16.2%                                      |
|   | Overload- 0.0%  |
|   | Planned Work- 0.0%  |
|   | Trees- 0.0%   |
|   | Utility Equipment- 1.7%                                   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 206.77  |
| <b>10.) 2015 SAIDI</b>  | 287.27  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.69  |
| <b>12.) 2015 SAIFI</b>  | 1.52  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                       |

|   |  |             |
|---|--|-------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | PERDUE   |             |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | McLean - S R 2110 - Island   |             |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1498   |             |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Island - Old Island-Livermore Rd & Hwy 138 - NE & NW of Substation |             |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 9.0  |             |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 24   |             |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 08/07/2010   |             |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |             |
|   | Animal- 0.0%   |             |
|   | Construction- 0.0%   |             |
|   | Lightning- 4.5%  |             |
|   | Non-Company- 9.1%  |             |
|   | Other/Unknown- 72.7%   |             |
|   | Overload- 0.0%   |             |
|   | Planned Work- 0.0%   |             |
|   | Trees- 0.0%  |             |
|   | Utility Equipment- 13.6%   |             |
|   | Vehicle- 0.0%  |             |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 75.94       |
| <b>10.) 2015 SAIDI</b>  |  | 54.50       |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.76        |
| <b>12.) 2015 SAIFI</b>  |  | <b>0.92</b> |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |             |
|   | Continue to Monitor  |             |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | KUTTAWA   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Lyon - 3487 Lake Barkley Dr - Kuttawa                                 |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1501  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Kuttawa - Hwy 295, Lake Shore Dr, & Holley St - SW & SE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 11.1  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 402   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/06/2010  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 3.3%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 25.3%  |
|   | Overload- 0.0%  |
|   | Planned Work- 3.0%  |
|   | Trees- 68.4%  |
|   | Utility Equipment- 0.0%   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 67.70   |
| <b>10.) 2015 SAIDI</b>  | 124.80  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.74  |
| <b>12.) 2015 SAIFI</b>  | 1.65  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | KUTTAWA  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Lyon - 3487 Lake Barkley Dr - Kuttawa                                |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1502   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Kuttawa - Mary Blue Rd, State HWY 93, & US HWY 62 - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 7.2  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 127  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/06/2010   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 2.8%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 43.1%   |
|   | Overload- 3.7%   |
|   | Planned Work- 0.0%   |
|   | Trees- 5.5%  |
|   | Utility Equipment- 45.0%   |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 71.08  |
| <b>10.) 2015 SAIDI</b>  | 96.86  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.53   |
| <b>12.) 2015 SAIFI</b>  | 0.86   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | EDDYVILLE  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Lyon - 1765 S R 3305 - Eddyville                 |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1506   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Eddyville - City of Eddyville - NW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 27.0   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 991  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/06/2010                                       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.5%                                     |
|   | Construction- 0.0%                               |
|   | Lightning- 1.9%                                  |
|   | Non-Company- 1.0%                                |
|   | Other/Unknown- 8.9%                              |
|   | Overload- 0.0%                                   |
|   | Planned Work- 4.3%                               |
|   | Trees- 80.6%                                     |
|   | Utility Equipment- 1.7%                          |
|   | Vehicle- 0.0%                                    |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 23.77  |
| <b>10.) 2015 SAIDI</b>  | 66.55  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.59   |
| <b>12.) 2015 SAIFI</b>  | 1.26   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                              |



|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | FREDONIA  |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Caldwell - 150 Wigginton Ln - Fredonia                  |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1507  |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Fredonia - City of Fredonia & Hwy 641 - S of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 15.1  |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 299   |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/25/2010  |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal- 90.9%   |       |
|   | Construction- 0.0%                                      |       |
|   | Lightning- 2.4%   |       |
|   | Non-Company- 0.0%                                       |       |
|   | Other/Unknown- 0.0%                                     |       |
|   | Overload- 0.0%  |       |
|   | Planned Work- 0.5%                                      |       |
|   | Trees- 5.9%   |       |
|   | Utility Equipment- 0.3%                                 |       |
|   | Vehicle- 0.0%   |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 48.08 |
| <b>10.) 2015 SAIDI</b>  |   | 79.71 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.74  |
| <b>12.) 2015 SAIFI</b>  |   | 1.24  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor                                     |       |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CLAXTON   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Caldwell - 1600 Jones-Keeney Rd - Princeton         |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1518  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Princeton - Hwy 62, Lewistown Rd - NW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 15.7  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 148   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/28/2012  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%                                  |
|   | Lightning- 11.8%                                    |
|   | Non-Company- 0.0%                                   |
|   | Other/Unknown- 0.0%                                 |
|   | Overload- 0.0%                                      |
|   | Planned Work- 76.5%                                 |
|   | Trees- 5.9%   |
|   | Utility Equipment- 5.9%                             |
|   | Vehicle- 0.0%                                       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 9.51  |
| <b>10.) 2015 SAIDI</b>  | 10.95   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.09  |
| <b>12.) 2015 SAIFI</b>  | 0.11  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                 |

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DAWSON SPRINGS   |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hopkins - 205 Munn St - Dawson Springs                     |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1525   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Dawson Springs - N Trim St, Sycamore St - NW of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.3  |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 166  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/14/2011   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal-  | 0.0%  |
|   | Construction-  | 0.0%  |
|   | Lightning-   | 28.2% |
|   | Non-Company-   | 0.0%  |
|   | Other/Unknown-   | 5.1%  |
|   | Overload-  | 0.0%  |
|   | Planned Work-  | 66.7% |
|   | Trees-   | 0.0%  |
|   | Utility Equipment-   | 0.0%  |
|   | Vehicle-   | 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 9.04  |
| <b>10.) 2015 SAIDI</b>  |  | 24.86 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.26  |
| <b>12.) 2015 SAIFI</b>  |  | 0.23  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor  |       |





|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DAWSON 12KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hopkins - 203 Parker St - Dawson Springs                     |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1529   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Dawson Springs - Mill Dam Rd, Mt Hebron Rd, Hwy 672 - W & SW |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 27.3   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 449  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/14/2011   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.7%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.5%  |
|   | Other/Unknown- 76.7%   |
|   | Overload- 0.0%   |
|   | Planned Work- 6.6%   |
|   | Trees- 14.9%   |
|   | Utility Equipment- 0.7%                                      |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 145.80   |
| <b>10.) 2015 SAIDI</b>  | 187.34   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.26   |
| <b>12.) 2015 SAIFI</b>  | 1.35   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DAWSON 12KV   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hopkins - 203 Parker St - Dawson Springs                        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1530  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Dawson Springs - Hospital Dr, Saddle Club Rd - NE & SE of Subst |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 25.0  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 523   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/14/2011  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 1.2%  |
|   | Construction- 0.0%  |
|   | Lightning- 50.7%  |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 37.1%  |
|   | Overload- 0.0%  |
|   | Planned Work- 0.7%  |
|   | Trees- 9.9%   |
|   | Utility Equipment- 0.5%   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 61.43   |
| <b>10.) 2015 SAIDI</b>  | 65.57   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.72  |
| <b>12.) 2015 SAIFI</b>  | 0.81  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

**SUBSTATION NAME AND NUMBER** DAWSON INDUSTRIAL

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 100 Industrial Park Rd - Dawson Springs

3.) **CIRCUIT NAME AND NUMBER** 1532

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dawson Springs - Eddie Beshear Dr - N & SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.8

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 9

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/25/2012

8.) **2015 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)** 0.67

10.) **2015 SAIDI** 3.33

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

12.) **2015 SAIFI** 0.22

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

Continue to Monitor

|   |  |        |
|---|--|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SIXTH VEIN   |        |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hopkins - 2395 Sixth Vein Rd - Dawson Springs  |        |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 1541   |        |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Dawson Springs - Charleston Rd, Hwy 70, Campbell Rd, & High Glory Rd - N of Substation |        |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 40.9   |        |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 463  |        |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/21/2012   |        |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | Animal-  | 0.8%   |
|   | Construction-  | 0.0%   |
|   | Lightning-   | 1.6%   |
|   | Non-Company-   | 1.2%   |
|   | Other/Unknown-   | 2.5%   |
|   | Overload-  | 0.2%   |
|   | Planned Work-  | 2.9%   |
|   | Trees-   | 0.6%   |
|   | Utility Equipment-   | 89.7%  |
|   | Vehicle-   | 0.6%   |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 151.86 |
| 10.) <b>2015 SAIDI</b>  |  | 158.97 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 1.32   |
| 12.) <b>2015 SAIFI</b>  |  | 1.11   |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Continue to Monitor  |        |

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SIXTH VEIN   |       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hopkins - 2395 Sixth Vein Rd - Dawson Springs                                      |       |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 1544   |       |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Dawson Springs - Fergusontown Rd, Hwy 109, Niles Rd & Fox Rd - W & S of Substation |       |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 26.5   |       |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 335  |       |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/10/2012   |       |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 16.2%  |       |
|   | Construction- 0.0%   |       |
|   | Lightning- 1.8%  |       |
|   | Non-Company- 0.0%  |       |
|   | Other/Unknown- 60.4%   |       |
|   | Overload- 0.0%   |       |
|   | Planned Work- 0.0%   |       |
|   | Trees- 21.6%   |       |
|   | Utility Equipment- 0.0%  |       |
|   | Vehicle- 0.0%  |       |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 22.85 |
| 10.) <b>2015 SAIDI</b>  |  | 23.89 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.40  |
| 12.) <b>2015 SAIFI</b>  |  | 0.33  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor  |       |

|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CALHOUN   |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | McLean - 530 W First St - Calhoun                 |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1606  |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Calhoun - High St, W 7th St, S R 81 - N of Subst. |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 6.6   |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 328   |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/22/2013  |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal- 0.0%                                      |       |
|   | Construction- 0.0%                                |       |
|   | Lightning- 0.0%                                   |       |
|   | Non-Company- 0.3%                                 |       |
|   | Other/Unknown- 95.3%                              |       |
|   | Overload- 0.0%                                    |       |
|   | Planned Work- 2.0%                                |       |
|   | Trees- 1.5%                                       |       |
|   | Utility Equipment- 0.9%                           |       |
|   | Vehicle- 0.0%                                     |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 22.15 |
| <b>10.) 2015 SAIDI</b>  |   | 89.01 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.26  |
| <b>12.) 2015 SAIFI</b>  |   | 1.05  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor                               |       |



|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CALHOUN  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | McLean - 530 W First St - Calhoun                              |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1607   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Calhoun - State Hwy 81, W 2nd St, Walnut St - NE & S of Subst. |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 20.3   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 371  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/22/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 31.1%   |
|   | Non-Company- 3.8%  |
|   | Other/Unknown- 0.0%  |
|   | Overload- 0.0%   |
|   | Planned Work- 3.8%   |
|   | Trees- 61.2%   |
|   | Utility Equipment- 0.0%  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 38.22  |
| <b>10.) 2015 SAIDI</b>  | 66.70  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.44   |
| <b>12.) 2015 SAIFI</b>  | 0.78   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | GREENVILLE 12KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 200 N Boggess Ave - Greenville                                |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1615   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Greenville - Hwy 181, 62, 171, SR 189, & Bards Hill Rd - W&S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 97.4   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,810  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/06/2016   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 14.6%   |
|   | Non-Company- 4.9%  |
|   | Other/Unknown- 41.6%   |
|   | Overload- 0.0%   |
|   | Planned Work- 4.9%   |
|   | Trees- 14.3%   |
|   | Utility Equipment- 18.6%   |
|   | Vehicle- 0.1%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 88.96  |
| <b>10.) 2015 SAIDI</b>  | 125.23   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.94   |
| <b>12.) 2015 SAIFI</b>  | 1.15   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |



**SUBSTATION NAME AND NUMBER** GREENVILLE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 117 E Depot St - Greenville

3.) **CIRCUIT NAME AND NUMBER** 1622

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - W Depot St, N Cherry St, & Short St - SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 422

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/19/2011

8.) **2015 OUTAGES BY CAUSE**

Animal- 6.1%

Construction- 0.0%

Lightning- 4.5%

Non-Company- 30.3%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 1.5%

Trees- 57.6%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 13.04

10.) **2015 SAIDI** 22.41

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

12.) **2015 SAIFI** 0.16

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | GREENVILLE  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 117 E Depot St - Greenville                |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1623  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Greenville - N Main St & Broad St - N & S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.3   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 151   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/19/2011  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%                                      |
|   | Lightning- 0.0%   |
|   | Non-Company- 1.6%                                       |
|   | Other/Unknown- 7.8%                                     |
|   | Overload- 0.0%  |
|   | Planned Work- 0.0%                                      |
|   | Trees- 9.4%   |
|   | Utility Equipment- 48.4%                                |
|   | Vehicle- 32.8%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 19.69   |
| <b>10.) 2015 SAIDI</b>  | 46.38   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.21  |
| <b>12.) 2015 SAIFI</b>  | 0.42  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                     |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | POWDERLY                                  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - Opportunity Way - Greenville |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1626                                      |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Greenville - Main St - NE of Substation   |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 25.1                                      |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 836                                       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/06/2010                                |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 8.5%                              |
|   | Construction- 0.0%                        |
|   | Lightning- 45.9%                          |
|   | Non-Company- 1.0%                         |
|   | Other/Unknown- 36.4%                      |
|   | Overload- 0.0%                            |
|   | Planned Work- 2.6%                        |
|   | Trees- 4.0%                               |
|   | Utility Equipment- 1.6%                   |
|   | Vehicle- 0.0%                             |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 60.54                                     |
| <b>10.) 2015 SAIDI</b>  | 85.42                                     |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.77                                      |
| <b>12.) 2015 SAIFI</b>  | 0.69                                      |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                       |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MOORMAN  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 14980 US Hwy 431 N - South Carrolton                      |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1633   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | South Carrolton - Hwy 431, Thorofare Rd, & SR 175 - NW/S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 7.4  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 81   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 05/17/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 12.9%   |
|   | Non-Company- 70.7%   |
|   | Other/Unknown- 12.9%   |
|   | Overload- 0.0%   |
|   | Planned Work- 3.4%   |
|   | Trees- 0.0%  |
|   | Utility Equipment- 0.0%  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 70.21  |
| <b>10.) 2015 SAIDI</b>  | 75.36  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.92   |
| <b>12.) 2015 SAIFI</b>  | 1.42   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CENTRAL CITY  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 106 Pendleton St - Central City              |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1645  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Central City - Hwy 70, S Cherry Hill Rd - W of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 12.2  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 430   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/10/2010  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.3%  |
|   | Construction- 0.3%  |
|   | Lightning- 0.8%   |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 6.0%                                       |
|   | Overload- 0.0%  |
|   | Planned Work- 85.8%                                       |
|   | Trees- 5.9%   |
|   | Utility Equipment- 0.8%                                   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 71.61   |
| <b>10.) 2015 SAIDI</b>  | 136.11  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.80  |
| <b>12.) 2015 SAIFI</b>  | 1.39  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                       |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CENTRAL CITY  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 106 Pendleton St - Central City                            |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1646  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Central City - E Reservoir St, N Railroad St, E Broad St - S/E of Subst |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 9.3   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 584   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/06/2010  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 29.6%  |
|   | Other/Unknown- 13.0%  |
|   | Overload- 0.0%  |
|   | Planned Work- 48.0%   |
|   | Trees- 1.6%   |
|   | Utility Equipment- 0.4%   |
|   | Vehicle- 7.5%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 34.55   |
| <b>10.) 2015 SAIDI</b>  | 144.71  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.47  |
| <b>12.) 2015 SAIFI</b>  | 1.92  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CENTRAL CITY  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 106 Pendleton St - Central City                      |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1648  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Central City - E Reservoir St, N 2nd St, Whitmer St - N of Subst. |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 12.4  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 757   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/03/2010  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.4%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.3%   |
|   | Non-Company- 2.3%   |
|   | Other/Unknown- 9.9%   |
|   | Overload- 0.3%  |
|   | Planned Work- 84.0%   |
|   | Trees- 0.3%   |
|   | Utility Equipment- 2.2%   |
|   | Vehicle- 0.4%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 43.41   |
| <b>10.) 2015 SAIDI</b>  | 176.50  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.39  |
| <b>12.) 2015 SAIFI</b>  | 1.48  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CENTRAL CITY SOUTH  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 500 E Second Ave - Central City                    |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1649  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Central City - Everly Borthers Blvd, S Stroud Ln - SW of Subst. |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 8.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 324   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/24/2010  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.2%   |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 0.0%   |
|   | Overload- 0.0%  |
|   | Planned Work- 95.1%   |
|   | Trees- 0.0%   |
|   | Utility Equipment- 4.7%   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 89.93   |
| <b>10.) 2015 SAIDI</b>  | 392.96  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.52  |
| <b>12.) 2015 SAIFI</b>  | 1.96  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |





|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CENTRAL CITY SOUTH   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 500 E Second Ave - Central City                       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1650   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Central City - Everly Borthers Blvd, S R 604, US 431 - E of Subst. |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 11.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 438  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/05/2010   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.2%  |
|   | Non-Company- 1.5%  |
|   | Other/Unknown- 0.0%  |
|   | Overload- 0.0%   |
|   | Planned Work- 75.2%  |
|   | Trees- 0.0%  |
|   | Utility Equipment- 23.1%   |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 72.07  |
| <b>10.) 2015 SAIDI</b>  | 193.17   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.79   |
| <b>12.) 2015 SAIFI</b>  | 1.52   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |   |             |
|---|---|-------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CENTRAL CITY SOUTH  |             |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 500 E Second Ave - Central City                      |             |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1651  |             |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Central City - W 2nd Ave, Center St, W Reservoir St - W of Subst. |             |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 5.3   |             |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 408   |             |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/17/2012  |             |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |             |
|   | Animal- 0.0%  |             |
|   | Construction- 0.0%  |             |
|   | Lightning- 0.0%   |             |
|   | Non-Company- 3.4%   |             |
|   | Other/Unknown- 9.8%   |             |
|   | Overload- 0.0%  |             |
|   | Planned Work- 82.1%   |             |
|   | Trees- 4.0%   |             |
|   | Utility Equipment- 0.8%   |             |
|   | Vehicle- 0.0%   |             |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 69.60       |
| <b>10.) 2015 SAIDI</b>  |   | 59.90       |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.58        |
| <b>12.) 2015 SAIFI</b>  |   | <b>0.93</b> |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |             |
|   | Continue to Monitor   |             |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | EBENEZER                                     |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 550 Caney Creek Ln - Greenville |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1663   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Greenville - No Road - NW of Substation      |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.0  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 11   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/10/2009                                   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%                                 |
|   | Construction- 0.0%                           |
|   | Lightning- 83.3%                             |
|   | Non-Company- 8.3%                            |
|   | Other/Unknown- 0.0%                          |
|   | Overload- 0.0%                               |
|   | Planned Work- 8.3%                           |
|   | Trees- 0.0%                                  |
|   | Utility Equipment- 0.0%                      |
|   | Vehicle- 0.0%                                |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 31.52  |
| <b>10.) 2015 SAIDI</b>  | 157.62                                       |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.23   |
| <b>12.) 2015 SAIFI</b>  | 1.14   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                          |

**SUBSTATION NAME AND NUMBER** BEVIER

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 2665 S Route 2107 - Bevier

3.) **CIRCUIT NAME AND NUMBER** 1666

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bevier - Robertson St, Main St, Holts Rd - W of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.1

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 202

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/02/2013

8.) **2015 OUTAGES BY CAUSE**

Animal- 1.6%

Construction- 0.0%

Lightning- 47.9%

Non-Company- 49.1%

Other/Unknown- 0.9%

Overload- 0.0%

Planned Work- 0.2%

Trees- 0.2%

Utility Equipment- 0.0%

Vehicle- 0.0%

|  |        |
|--|--------|
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>  | 232.45 |
| 10.) <b>2015 SAIDI</b>                     | 816.85 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b> | 1.24   |
| 12.) <b>2015 SAIFI</b>                     | 2.11   |

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

Continue to Monitor



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | BEECH CREEK 1   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 169 Beech Creek Browder Rd - Beech Creek   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1671  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Beech Creek - Beech Creek Browder Rd - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.9   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 95  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 05/07/2013  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%                                      |
|   | Lightning- 0.0%   |
|   | Non-Company- 3.2%                                       |
|   | Other/Unknown- 0.0%                                     |
|   | Overload- 71.4%   |
|   | Planned Work- 19.0%                                     |
|   | Trees- 0.0%   |
|   | Utility Equipment- 6.3%                                 |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 29.80   |
| <b>10.) 2015 SAIDI</b>  | 34.59   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.37  |
| <b>12.) 2015 SAIFI</b>  | 0.66  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                     |

**SUBSTATION NAME AND NUMBER** NELSON

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 2030 S R 1379 - Central City

3.) **CIRCUIT NAME AND NUMBER** 1690

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - S R 1379, US 62, & SR 2590 - NW/S/SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 29.3

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 314

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/20/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 2.5%
- Construction- 0.0%
- Lightning- 1.5%
- Non-Company- 0.0%
- Other/Unknown- 73.6%
- Overload- 0.0%
- Planned Work- 3.0%
- Trees- 18.5%
- Utility Equipment- 0.5%
- Vehicle- 0.3%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 66.17

10.) **2015 SAIDI** 177.51

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

12.) **2015 SAIFI** 1.25

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | REED MINERALS  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Muhlenberg - 4661 S R 176 Drakesboro - Drakesboro      |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1693   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Drakesboro - S R 176 & P&M Haul Rd - NNE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 5.7  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 10   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/30/2009   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%                                     |
|   | Lightning- 5.9%  |
|   | Non-Company- 0.0%                                      |
|   | Other/Unknown- 35.3%                                   |
|   | Overload- 0.0%   |
|   | Planned Work- 0.0%                                     |
|   | Trees- 0.0%  |
|   | Utility Equipment- 58.8%                               |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 79.97  |
| <b>10.) 2015 SAIDI</b>  | 325.10   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.53   |
| <b>12.) 2015 SAIFI</b>  | 1.70   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                                    |

|  |   |       |
|--|---|-------|
| 1.) SUBSTATION NAME AND NUMBER                               | SALEM   |       |
| 2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)                   | Livingston - 266 W Main St - Salem                            |       |
| 3.) CIRCUIT NAME AND NUMBER                                  | 1704  |       |
| 4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)                      | Salem - Hayden Ave, Hwy 723, & Jayna Ln - NE/SE of Substation |       |
| 5.) TOTAL CIRCUIT LENGTH (MILES)                             | 14.3  |       |
| 6.) CUSTOMER COUNT FOR THIS CIRCUIT                          | 309   |       |
| 7.) DATE OF LAST CIRCUIT TRIM (VM)                           | 04/30/2011  |       |
| 8.) 2015 OUTAGES BY CAUSE                                    |   |       |
|  | Animal- 4.5%  |       |
|  | Construction- 0.0%  |       |
|  | Lightning- 0.6%   |       |
|  | Non-Company- 1.3%   |       |
|  | Other/Unknown- 3.9%   |       |
|  | Overload- 0.0%  |       |
|  | Planned Work- 3.9%  |       |
|  | Trees- 85.8%  |       |
|  | Utility Equipment- 0.0%                                       |       |
|  | Vehicle- 0.0%   |       |
| 9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)                           |   | 27.31 |
| 10.) 2015 SAIDI  |   | 56.29 |
| 11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)                          |   | 0.29  |
| 12.) 2015 SAIFI  |   | 0.50  |
| 13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN |   |       |
|  | Continue to Monitor   |       |





**SUBSTATION NAME AND NUMBER** MEXICO  
**2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Crittenden - 2747 S R 70 - Crayne  
**3.) CIRCUIT NAME AND NUMBER** 1709  
**4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Crayne - S R 70 & Marion Rd - W of Substation  
**5.) TOTAL CIRCUIT LENGTH (MILES)** 11.3  
**6.) CUSTOMER COUNT FOR THIS CIRCUIT** 127  
**7.) DATE OF LAST CIRCUIT TRIM (VM)** 09/18/2010  
**8.) 2015 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%

|  |       |
|--|-------|
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>  | 7.11  |
| <b>10.) 2015 SAIDI</b>                     | 18.85 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b> | 0.08  |
| <b>12.) 2015 SAIFI</b>                     | 0.17  |

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** STURGIS 4KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 1402 N Washington St - Sturgis

3.) **CIRCUIT NAME AND NUMBER** 1725

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sturgis - Cs 2047, 8th St, 3rd St, & 10th St - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.3

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 397

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/31/2009

8.) **2015 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 47.8%

Non-Company- 0.0%

Other/Unknown- 46.3%

Overload- 0.0%

Planned Work- 0.0%

Trees- 0.0%

Utility Equipment- 6.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 4.39

10.) **2015 SAIDI** 7.30

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06

12.) **2015 SAIFI** 0.17

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

Continue to Monitor

|   |   |             |
|---|---|-------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | STURGIS 12KV  |             |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Union - 1402 N Washington St - Sturgis                              |             |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1728  |             |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Sturgis - Hwy 60, King St, Hwy 270, & Hwy 143 - S & N of Substation |             |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 41.8  |             |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 955   |             |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/11/2014  |             |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |             |
|   | Animal- 1.7%  |             |
|   | Construction- 0.0%  |             |
|   | Lightning- 1.3%   |             |
|   | Non-Company- 44.5%  |             |
|   | Other/Unknown- 26.4%  |             |
|   | Overload- 0.0%  |             |
|   | Planned Work- 1.1%  |             |
|   | Trees- 0.4%   |             |
|   | Utility Equipment- 24.7%  |             |
|   | Vehicle- 0.0%   |             |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 44.45       |
| <b>10.) 2015 SAIDI</b>  |   | 32.16       |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.48        |
| <b>12.) 2015 SAIFI</b>  |   | <b>0.57</b> |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |             |
|   | Continue to Monitor   |             |



|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | PRIDE  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Union - 84 Railroad Bed Rd - Sturgis               |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1757   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Sturgis - S R 270 & W B Goad Rd - SW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 4.3  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 32   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/06/2009   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | 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%                                      |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 2.91   |
| <b>10.) 2015 SAIDI</b>  | 6.38   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.04   |
| <b>12.) 2015 SAIFI</b>  | 0.09   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                                |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MANNINGTON                                    |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Christian - 2535 Mannington Loop - Mannington |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1801  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Mannington - HWY 407 & US 41- E of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 28  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/28/2013                                    |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%                                  |
|   | Construction- 0.0%                            |
|   | Lightning- 96.4%                              |
|   | Non-Company- 0.0%                             |
|   | Other/Unknown- 0.0%                           |
|   | Overload- 0.0%                                |
|   | Planned Work- 0.0%                            |
|   | Trees- 3.6%                                   |
|   | Utility Equipment- 0.0%                       |
|   | Vehicle- 0.0%                                 |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 215.69  |
| <b>10.) 2015 SAIDI</b>  | 106.76  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.66  |
| <b>12.) 2015 SAIFI</b>  | 1.02  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                           |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | BORG-WARNER  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hopkins - 1000 Island Ford Rd - Madisonville                       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 1807   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Madisonville - Whittington Dr/St Malo Dr/Pin Oak St - NW of Subst. |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 13.2   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 458  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/12/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 9.9%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 24.9%   |
|   | Overload- 0.0%   |
|   | Planned Work- 0.7%   |
|   | Trees- 0.0%  |
|   | Utility Equipment- 64.4%   |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 96.28  |
| <b>10.) 2015 SAIDI</b>  | 231.77   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.70   |
| <b>12.) 2015 SAIFI</b>  | 1.56   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | BRODHEAD   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Rockcastle - 77 Cass St. - Brodhead                                |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2103   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Brodhead - Hwy 1505, City of Brodhead, & Hwy 150 - W of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 21.5   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 781  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/01/2014   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.6%   |
|   | Construction- 0.0%   |
|   | Lightning- 1.0%  |
|   | Non-Company- 0.9%  |
|   | Other/Unknown- 0.3%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.7%   |
|   | Trees- 94.3%   |
|   | Utility Equipment- 1.0%  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 100.21   |
| <b>10.) 2015 SAIDI</b>  | 236.36   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.58   |
| <b>12.) 2015 SAIFI</b>  | 1.25   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | BUENA VISTA  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Garrard - 164 High Bridge Rd. - Lancaster  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2104   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lancaster - High Bridge Rd, Pine Crest Rd, & Camp Dix Rd - NW & SE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 34.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 587  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/25/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.8%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.3%  |
|   | Non-Company- 83.3%   |
|   | Other/Unknown- 10.3%   |
|   | Overload- 0.1%   |
|   | Planned Work- 4.0%   |
|   | Trees- 0.0%  |
|   | Utility Equipment- 0.1%  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 39.26  |
| <b>10.) 2015 SAIDI</b>  | 43.65  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.90   |
| <b>12.) 2015 SAIFI</b>  | 1.20   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |



|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                 | BUENA VISTA  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b> | Garrard - 164 High Bridge Rd. - Lancaster  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                | 2106   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>    | Lancaster - Kennedy Bridge Rd, Ashley Camp Rd, & Chminey Rock Rd - W of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>           | 29.3   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>        | 1,012  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>         | 02/25/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                  |  |

- Animal- 21.5%
- Construction- 0.0%
- Lightning- 15.1%
- Non-Company- 0.0%
- Other/Unknown- 1.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 61.4%
- Utility Equipment- 1.0%
- Vehicle- 0.0%

|  |       |
|--|-------|
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>  | 38.44 |
| <b>10.) 2015 SAIDI</b>                     | 61.58 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b> | 0.28  |
| <b>12.) 2015 SAIFI</b>                     | 0.40  |

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

Continue to Monitor



**SUBSTATION NAME AND NUMBER** CRAB ORCHARD

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lincoln - 635 KY HWY 39 N - Crab Orchard

3.) **CIRCUIT NAME AND NUMBER** 2107

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Crab Orchard - City of Crab Orchard - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.8

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 498

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/01/2011

8.) **2015 OUTAGES BY CAUSE**

Animal- 3.6%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 5.4%

Other/Unknown- 37.5%

Overload- 0.0%

Planned Work- 3.6%

Trees- 50.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 15.47

10.) **2015 SAIDI** 43.01

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

12.) **2015 SAIFI** 0.34

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CRAB ORCHARD                             |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Lincoln - 635 KY HWY 39 N - Crab Orchard |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2108                                     |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Crab Orchard - KY 39 - NNW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 8.8                                      |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 125                                      |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2011                               |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 2.3%                             |
|   | Construction- 0.0%                       |
|   | Lightning- 0.0%                          |
|   | Non-Company- 0.0%                        |
|   | Other/Unknown- 0.0%                      |
|   | Overload- 0.0%                           |
|   | Planned Work- 0.0%                       |
|   | Trees- 97.7%                             |
|   | Utility Equipment- 0.0%                  |
|   | Vehicle- 0.0%                            |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 114.29                                   |
| <b>10.) 2015 SAIDI</b>  | 112.10                                   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.54                                     |
| <b>12.) 2015 SAIFI</b>  | 1.03                                     |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                      |



|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | RICHMOND 3 12KV                            |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Madison - 950 Vickers Dr - Richmond        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2109                                       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Richmond - Lancaster Rd - SW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 58.7                                       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,324                                      |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/24/2014                                 |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.2%                               |
|   | Construction- 0.0%                         |
|   | Lightning- 2.8%                            |
|   | Non-Company- 0.3%                          |
|   | Other/Unknown- 0.5%                        |
|   | Overload- 0.1%                             |
|   | Planned Work- 2.0%                         |
|   | Trees- 1.1%                                |
|   | Utility Equipment- 93.1%                   |
|   | Vehicle- 0.0%                              |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 92.19                                      |
| <b>10.) 2015 SAIDI</b>  | 212.43                                     |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.28                                       |
| <b>12.) 2015 SAIFI</b>  | 3.26                                       |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                        |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DANVILLE E 4KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Boyle - 805 East Dr - Danville                                  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2111  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Danville - E Walnut St, Alta Ave, & E Main St - W of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.6   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 340   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2010  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 0.0%   |
|   | Overload- 0.0%  |
|   | Planned Work- 47.4%   |
|   | Trees- 0.0%   |
|   | Utility Equipment- 52.6%  |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 2.67  |
| <b>10.) 2015 SAIDI</b>  | 5.96  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.04  |
| <b>12.) 2015 SAIFI</b>  | 0.06  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DANVILLE E 4KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Boyle - 805 East Dr - Danville                                    |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2112  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Danville - Stanford Dr, Terrell Dr, & S 2nd St - SW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.2   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 129   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2010  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 58.5%  |
|   | Overload- 0.0%  |
|   | Planned Work- 0.0%  |
|   | Trees- 0.0%   |
|   | Utility Equipment- 41.5%  |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 9.46  |
| <b>10.) 2015 SAIDI</b>  | 17.29   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.13  |
| <b>12.) 2015 SAIFI</b>  | 0.32  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

**SUBSTATION NAME AND NUMBER** DANVILLE E 12KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 805 East Dr - Danville

3.) **CIRCUIT NAME AND NUMBER** 2113

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Lexington Ave, Fork Church Rd, & Lancaster Rd - NW & E of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 46.3

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,292

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/01/2010

8.) **2015 OUTAGES BY CAUSE**

- Animal- 2.1%
- Construction- 0.0%
- Lightning- 4.3%
- Non-Company- 0.2%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 92.0%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 83.82

10.) **2015 SAIDI** 119.18

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

12.) **2015 SAIFI** 1.38

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DANVILLE E 12KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Boyle - 805 East Dr - Danville   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2114   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Danville - Hill N Dale St, Lexington St, Shakertown Rd, & 4th St - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 31.6   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,805  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2010   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 18.6%  |
|   | Construction- 0.0%   |
|   | Lightning- 63.2%   |
|   | Non-Company- 0.7%  |
|   | Other/Unknown- 4.2%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.2%   |
|   | Trees- 2.4%  |
|   | Utility Equipment- 10.8%   |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 20.58  |
| <b>10.) 2015 SAIDI</b>  | 39.70  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.24   |
| <b>12.) 2015 SAIFI</b>  | 0.33   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DANVILLE E 12KV   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Boyle - 805 East Dr - Danville  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2115  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Danville - Stanford Rd, Baughman Ave, & Danville Bypass - S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 16.3  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 710   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2010  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 29.3%   |
|   | Construction- 0.0%  |
|   | Lightning- 1.2%   |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 0.0%   |
|   | Overload- 0.0%  |
|   | Planned Work- 7.9%  |
|   | Trees- 1.2%   |
|   | Utility Equipment- 60.3%  |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 10.58   |
| <b>10.) 2015 SAIDI</b>  | 34.68   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.13  |
| <b>12.) 2015 SAIFI</b>  | 0.34  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

**SUBSTATION NAME AND NUMBER** DANVILLE INDUSTRIAL

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 1866 S Danville Bypass - Danville

3.) **CIRCUIT NAME AND NUMBER** 2118

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Along Railroad Tracks - W of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 9

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/01/2011

8.) **2015 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 50.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 50.0%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 16.49

10.) **2015 SAIDI** 82.44

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

12.) **2015 SAIFI** 0.22

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** DANVILLE INDUSTRIAL

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 1866 S Danville Bypass - Danville

3.) **CIRCUIT NAME AND NUMBER** 2120

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - N Stewarts Ln & Vaksdahl Ave - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.7

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 27

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/01/2011

8.) **2015 OUTAGES BY CAUSE**

Animal- 20.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 80.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 0.0%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

|  |       |
|--|-------|
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>  | 12.23 |
| 10.) <b>2015 SAIDI</b>                     | 14.78 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b> | 0.18  |
| 12.) <b>2015 SAIFI</b>                     | 0.19  |

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

Continue to Monitor

|   |  |      |
|---|--|------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HARRODSBURG 1  |      |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Mercer - 231 N Chiles St - Harrodsburg                                     |      |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2127   |      |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Harrodsburg - Factory St, N Main St, & Greenville St - N/E/S of Substation |      |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.2  |      |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 319  |      |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/13/2012   |      |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |      |
|   | Animal- 0.0%   |      |
|   | Construction- 0.0%   |      |
|   | Lightning- 0.0%  |      |
|   | Non-Company- 0.0%  |      |
|   | Other/Unknown- 7.7%  |      |
|   | Overload- 0.0%   |      |
|   | Planned Work- 0.0%   |      |
|   | Trees- 7.7%  |      |
|   | Utility Equipment- 84.6%   |      |
|   | Vehicle- 0.0%  |      |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 5.64 |
| <b>10.) 2015 SAIDI</b>  |  | 6.46 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.07 |
| <b>12.) 2015 SAIFI</b>  |  | 0.04 |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |      |
|   | Continue to Monitor  |      |

**SUBSTATION NAME AND NUMBER** HARRODSBURG 2 4KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 709 E Office St - Harrodsburg

3.) **CIRCUIT NAME AND NUMBER** 2128

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - E Office St & Beaumont Ave - W of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.1

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 451

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/07/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 10.9%
- Overload- 0.0%
- Planned Work- 50.0%
- Trees- 26.6%
- Utility Equipment- 12.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 3.58

10.) **2015 SAIDI** 10.78

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

12.) **2015 SAIFI** 0.14

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

Tree Trim Scheduled for 2016

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HARRODSBURG 2 12KV   |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Mercer - 709 E Office St - Harrodsburg                                       |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2130   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Harrodsburg - Beaumont Ave, S College St, & Perryville St - SW of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 20.1   |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,095  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/07/2012   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal-  | 1.5%  |
|   | Construction-  | 0.0%  |
|   | Lightning-   | 8.5%  |
|   | Non-Company-   | 0.0%  |
|   | Other/Unknown-   | 1.5%  |
|   | Overload-  | 0.0%  |
|   | Planned Work-  | 14.2% |
|   | Trees-   | 0.0%  |
|   | Utility Equipment-   | 5.7%  |
|   | Vehicle-   | 68.6% |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 23.00 |
| <b>10.) 2015 SAIDI</b>  |  | 25.95 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.42  |
| <b>12.) 2015 SAIFI</b>  |  | 0.30  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor  |       |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HARRODSBURG 2 12KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Mercer - 709 E Office St - Harrodsburg  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2131  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Harrodsburg - Lexington Rd, Burgin Rd, & City of Burgin - NE/SE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 43.4  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 819   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/13/2012  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.5%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.4%   |
|   | Non-Company- 38.4%  |
|   | Other/Unknown- 43.2%  |
|   | Overload- 0.0%  |
|   | Planned Work- 7.8%  |
|   | Trees- 5.0%   |
|   | Utility Equipment- 4.6%   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 72.96   |
| <b>10.) 2015 SAIDI</b>  | 94.96   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.28  |
| <b>12.) 2015 SAIFI</b>  | 2.62  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HARRODSBURG 3  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Mercer - 1020 N College St - Harrodsburg                             |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2134   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Harrodsburg - Tapp Rd, Moberly Rd, & Mackville Rd - SW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 19.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 932  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/13/2012   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 3.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 5.7%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 0.3%  |
|   | Overload- 71.3%  |
|   | Planned Work- 0.2%   |
|   | Trees- 0.2%  |
|   | Utility Equipment- 9.7%  |
|   | Vehicle- 9.7%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 36.99  |
| <b>10.) 2015 SAIDI</b>  | 22.75  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.52   |
| <b>12.) 2015 SAIFI</b>  | 0.64   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |



|   |  |        |
|---|--|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | KENTUCKY STATE HOSPITAL  |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Boyle - 4180 Shakertown Rd - Danville                                    |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2136   |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Danville - Shakertown Rd, Gwinn Island Rd, & Spears Ln - S of Substation |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 17.4   |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 315  |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/08/2008   |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | Animal-  | 0.0%   |
|   | Construction-  | 0.0%   |
|   | Lightning-   | 87.6%  |
|   | Non-Company-   | 1.7%   |
|   | Other/Unknown-   | 0.0%   |
|   | Overload-  | 0.0%   |
|   | Planned Work-  | 0.2%   |
|   | Trees-   | 10.6%  |
|   | Utility Equipment-   | 0.0%   |
|   | Vehicle-   | 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 68.10  |
| <b>10.) 2015 SAIDI</b>  |  | 197.58 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.57   |
| <b>12.) 2015 SAIFI</b>  |  | 1.53   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Continue to Monitor  |        |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LANCASTER 1  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Garrard - 104 Hamilton Ave - Lancaster                 |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2139   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lancaster - Maple St & Lexington Rd - NW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 7.9  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 484  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/27/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 41.2%  |
|   | Construction- 0.0%                                     |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.0%                                      |
|   | Other/Unknown- 25.0%                                   |
|   | Overload- 0.0%   |
|   | Planned Work- 19.1%                                    |
|   | Trees- 1.5%  |
|   | Utility Equipment- 0.0%                                |
|   | Vehicle- 13.2%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 7.35   |
| <b>10.) 2015 SAIDI</b>  | 13.60  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.07   |
| <b>12.) 2015 SAIFI</b>  | 0.14   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                                    |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LANCASTER 1  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Garrard - 104 Hamilton Ave - Lancaster                                   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2140   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lancaster - Danville St, Campbell St, & Waterworks Rd - NW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 16.3   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 844  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/27/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 4.5%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 0.0%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.0%   |
|   | Trees- 52.2%   |
|   | Utility Equipment- 43.3%   |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 7.58   |
| <b>10.) 2015 SAIDI</b>  | 15.61  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.05   |
| <b>12.) 2015 SAIFI</b>  | 0.08   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

**SUBSTATION NAME AND NUMBER** LANCASTER 1

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Garrard - 104 Hamilton Ave - Lancaster

3.) **CIRCUIT NAME AND NUMBER** 2141

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lancaster - Richmond St, Cowden Ct, & Hamilton Ave - N/E/SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.6

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 364

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/27/2013

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 1.7%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 8.8%
- Trees- 0.0%
- Utility Equipment- 89.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 39.77

10.) **2015 SAIDI** 37.96

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.48

12.) **2015 SAIFI** 1.12

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

Continue to Monitor

|   |  |      |
|---|--|------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LANCASTER 2  |      |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Garrard - 183 Industry Rd - Lancaster                        |      |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2143   |      |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lancaster - Crab Orchard St & Richmond St - NE of Substation |      |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.7  |      |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 110  |      |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/27/2013   |      |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |      |
|   | 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%  |      |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 2.91 |
| <b>10.) 2015 SAIDI</b>  |  | 3.16 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.22 |
| <b>12.) 2015 SAIFI</b>  |  | 0.04 |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |      |
|   | Continue to Monitor  |      |

|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MOUNT VERNON  |       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Rockcastle - 56 Old Somerset Rd - Mt. Vernon                                      |       |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 2144  |       |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Mt. Vernon - Hysinger Hollow Rd, W Main St, Williams St, Richmond St - ENE of Sub |       |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 13.9  |       |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 736   |       |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/08/2010  |       |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal- 7.7%  |       |
|   | Construction- 0.0%  |       |
|   | Lightning- 0.6%   |       |
|   | Non-Company- 1.9%   |       |
|   | Other/Unknown- 54.2%  |       |
|   | Overload- 0.0%  |       |
|   | Planned Work- 0.6%  |       |
|   | Trees- 11.6%  |       |
|   | Utility Equipment- 23.2%  |       |
|   | Vehicle- 0.0%   |       |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 20.74 |
| 10.) <b>2015 SAIDI</b>  |   | 19.27 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.18  |
| 12.) <b>2015 SAIFI</b>  |   | 0.21  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor   |       |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MOUNT VERNON   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Rockcastle - 56 Old Somerset Rd - Mt. Vernon                                     |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2146   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Mt. Vernon - Poplar St, South City of Mt Vernon, & Mchargue Branch Rd - E of Sub |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 21.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 932  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/01/2014   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 7.2%   |
|   | Construction- 0.0%   |
|   | Lightning- 7.2%  |
|   | Non-Company- 77.4%   |
|   | Other/Unknown- 2.1%  |
|   | Overload- 0.0%   |
|   | Planned Work- 1.2%   |
|   | Trees- 3.1%  |
|   | Utility Equipment- 0.0%  |
|   | Vehicle- 1.8%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 50.46  |
| <b>10.) 2015 SAIDI</b>  | 52.74  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.48   |
| <b>12.) 2015 SAIFI</b>  | 1.29   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | PINE HILL  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Rockcastle - 501 Flat Rock Rd - Mt. Vernon                                     |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2148   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Mt. Vernon - Mullins Station Rd, Skyline Rd, & Honeycomb Rd - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 4.4  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 49   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 07/01/2015   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 29.3%  |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 2.4%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.0%   |
|   | Trees- 68.3%   |
|   | Utility Equipment- 0.0%  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 76.34  |
| <b>10.) 2015 SAIDI</b>  | 105.53   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.49   |
| <b>12.) 2015 SAIFI</b>  | 0.84   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Trees Trimmed in 2015  |



**SUBSTATION NAME AND NUMBER** SHAKERTOWN

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 3499 Lexington Rd - Harrodsburg

3.) **CIRCUIT NAME AND NUMBER** 2152

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Lexington Rd & Sexton Rd - SW of the Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 74

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/26/2012

8.) **2015 OUTAGES BY CAUSE**

- Animal- 92.5%
- Construction- 0.0%
- Lightning- 3.8%
- Non-Company- 0.0%
- Other/Unknown- 1.3%
- Overload- 0.0%
- Planned Work- 1.3%
- Trees- 1.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 51.54

10.) **2015 SAIDI** 28.81

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

12.) **2015 SAIFI** 1.08

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** RICHMOND 2

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 200 Fairview St - Richmond

3.) **CIRCUIT NAME AND NUMBER** 2154

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Big Hill Ave, Boggs Ln, & Richmond East - SE of the Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.2

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 902

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/03/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 40.7%
- Non-Company- 0.0%
- Other/Unknown- 34.1%
- Overload- 0.0%
- Planned Work- 3.3%
- Trees- 0.5%
- Utility Equipment- 21.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 28.41

10.) **2015 SAIDI** 39.95

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

12.) **2015 SAIFI** 0.20

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** CAMPBELLSVILLE 1

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Taylor - 101 Old Greensburg Rd. - Campbellsville

3.) **CIRCUIT NAME AND NUMBER** 2203

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Campbellsville - Columbia Ave - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.7

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 514

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/31/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 23.5%
- Construction- 0.0%
- Lightning- 8.5%
- Non-Company- 18.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 2.6%
- Trees- 7.8%
- Utility Equipment- 0.0%
- Vehicle- 39.6%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 53.88

10.) **2015 SAIDI** 60.98

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.98

12.) **2015 SAIFI** 0.82

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

Continue to Monitor

|   |  |        |
|---|--|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CAMPBELLSVILLE 1                                   |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Taylor - 101 Old Greensburg Rd. - Campbellsville   |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2204   |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Campbellsville - New Columbia Rd - S of Substation |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 12.3   |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 62   |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/19/2014   |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | Animal- 0.0%                                       |        |
|   | Construction- 0.0%                                 |        |
|   | Lightning- 0.0%                                    |        |
|   | Non-Company- 0.0%                                  |        |
|   | Other/Unknown- 0.8%                                |        |
|   | Overload- 0.0%                                     |        |
|   | Planned Work- 0.0%                                 |        |
|   | Trees- 98.4%                                       |        |
|   | Utility Equipment- 0.8%                            |        |
|   | Vehicle- 0.0%                                      |        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 174.29 |
| <b>10.) 2015 SAIDI</b>  |  | 313.40 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 1.14   |
| <b>12.) 2015 SAIFI</b>  |  | 2.06   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Continue to Monitor                                |        |

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CAMPBELLSVILLE 1                                   |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Taylor - 101 Old Greensburg Rd. - Campbellsville   |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2205   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Campbellsville - HWY 3350 Bypass - N of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 17.1   |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,242  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/19/2014   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 1.0%                                       |       |
|   | Construction- 0.0%                                 |       |
|   | Lightning- 19.0%                                   |       |
|   | Non-Company- 0.0%                                  |       |
|   | Other/Unknown- 3.7%                                |       |
|   | Overload- 0.0%                                     |       |
|   | Planned Work- 5.8%                                 |       |
|   | Trees- 64.9%                                       |       |
|   | Utility Equipment- 5.0%                            |       |
|   | Vehicle- 0.6%                                      |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 35.16 |
| <b>10.) 2015 SAIDI</b>  |  | 39.37 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.46  |
| <b>12.) 2015 SAIFI</b>  |  | 0.65  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor                                |       |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LEBANON EAST  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Marion - 541 Corporate Dr. - Lebanon  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2206  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lebanon - Corporate Dr, N Spalding Ave/KY 55, & City of Lebanon - W of Sub. |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 14.3  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 815   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/16/2014  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.2%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 0.1%   |
|   | Overload- 0.0%  |
|   | Planned Work- 0.9%  |
|   | Trees- 1.0%   |
|   | Utility Equipment- 97.7%  |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 50.45   |
| <b>10.) 2015 SAIDI</b>  | 68.05   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.65  |
| <b>12.) 2015 SAIFI</b>  | 1.06  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

**SUBSTATION NAME AND NUMBER** COLUMBIA SOUTH

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Adair - 1139 Gaston Ave - Columbia

3.) **CIRCUIT NAME AND NUMBER** 2208

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Columbia - KY 80, Jamestown Rd, & Wright Dr - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.0

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 333

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/15/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 8.3%
- Planned Work- 0.0%
- Trees- 91.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 8.96

10.) **2015 SAIDI** 8.38

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

12.) **2015 SAIFI** 0.14

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | COLUMBIA SOUTH  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Adair - 1139 Gaston Ave - Columbia  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2209  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Columbia - KY 55, Tutt St, Bomar Hts, Hwy 61/80, & Greensburg St - NW & S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 15.6  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 866   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/15/2014  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 4.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 1.6%   |
|   | Non-Company- 0.8%   |
|   | Other/Unknown- 0.8%   |
|   | Overload- 1.6%  |
|   | Planned Work- 12.7%   |
|   | Trees- 73.0%  |
|   | Utility Equipment- 5.6%   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 12.11   |
| <b>10.) 2015 SAIDI</b>  | 22.36   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.11  |
| <b>12.) 2015 SAIFI</b>  | 0.15  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | COLUMBIA  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Adair - 114 Lindsey Wilson St - Columbia                              |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2210  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Columbia - Guthrie St, Miller Ave, & Adair Ave - S & SE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.1   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 149   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 05/03/2014  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 98.2%  |
|   | Overload- 0.0%  |
|   | Planned Work- 0.0%  |
|   | Trees- 0.0%   |
|   | Utility Equipment- 1.8%   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | <b>16.31</b>  |
| <b>10.) 2015 SAIDI</b>  | <b>33.66</b>  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | <b>0.19</b>   |
| <b>12.) 2015 SAIFI</b>  | <b>0.38</b>   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

**SUBSTATION NAME AND NUMBER** GREENSBURG

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Green - 424 Old Hodgenville Rd - Greensburg

3.) **CIRCUIT NAME AND NUMBER** 2213

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greensburg - US 68, Cemetery Rd, Valley Dr, & E Columbia Ave - SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 487

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/07/2014

8.) **2015 OUTAGES BY CAUSE**

Animal- 30.7%

Construction- 4.7%

Lightning- 11.3%

Non-Company- 0.0%

Other/Unknown- 30.2%

Overload- 0.0%

Planned Work- 12.3%

Trees- 7.5%

Utility Equipment- 3.3%

Vehicle- 0.0%

|  |       |
|--|-------|
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>  | 22.22 |
| 10.) <b>2015 SAIDI</b>                     | 44.33 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b> | 0.26  |
| 12.) <b>2015 SAIFI</b>                     | 0.44  |

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

Continue to Monitor



|      |  |  |
|------|--|--|
| 1.)  | <b>SUBSTATION NAME AND NUMBER</b>                              | LEBANON  |
| 2.)  | <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                  | Marion - 351 E Water St - Lebanon                                  |
| 3.)  | <b>CIRCUIT NAME AND NUMBER</b>                                 | 2217   |
| 4.)  | <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                     | Lebanon - Woodlawn Ave, Hood Ave, & Danville Hwy - E of Substation |
| 5.)  | <b>TOTAL CIRCUIT LENGTH (MILES)</b>                            | 5.4  |
| 6.)  | <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                         | 330  |
| 7.)  | <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                          | 06/01/2007   |
| 8.)  | <b>2015 OUTAGES BY CAUSE</b>                                   |  |
|      | Animal-  | 0.4%   |
|      | Construction-  | 0.0%   |
|      | Lightning-   | 0.0%   |
|      | Non-Company-   | 0.0%   |
|      | Other/Unknown-   | 70.2%  |
|      | Overload-  | 2.6%   |
|      | Planned Work-  | 9.6%   |
|      | Trees-   | 0.0%   |
|      | Utility Equipment-   | 17.1%  |
|      | Vehicle-   | 0.0%   |
| 9.)  | <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                          | 46.47  |
| 10.) | <b>2015 SAIDI</b>  | 51.80  |
| 11.) | <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.46   |
| 12.) | <b>2015 SAIFI</b>  | 0.69   |
| 13.) | <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|      | Continue to Monitor  |  |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LEBANON SOUTH   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Marion - 1157 Bradfordsville - Bradfordsville                             |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2219  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lebanon - Mulberry St, Old Calvary Pike, & Hwy 208 - NW & S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 14.4  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 530   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/31/2011  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 31.3%   |
|   | Construction- 0.0%  |
|   | Lightning- 30.4%  |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 0.0%   |
|   | Overload- 0.0%  |
|   | Planned Work- 0.4%  |
|   | Trees- 0.2%   |
|   | Utility Equipment- 31.9%  |
|   | Vehicle- 5.9%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 28.24   |
| <b>10.) 2015 SAIDI</b>  | 110.50  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.30  |
| <b>12.) 2015 SAIFI</b>  | 0.99  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |   |        |
|---|---|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | RED HOUSE   |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Madison - 3858 Boonesboro Rd - Richmond                                   |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2224  |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Richmond - Hwy 627, Simpson Ln, Hwy 25, & Hwy 2328 - W & NW of Substation |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 34.3  |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 555   |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/15/2015  |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |        |
|   | Animal- 10.8%   |        |
|   | Construction- 0.0%  |        |
|   | Lightning- 3.1%   |        |
|   | Non-Company- 0.2%   |        |
|   | Other/Unknown- 62.3%  |        |
|   | Overload- 0.0%  |        |
|   | Planned Work- 0.8%  |        |
|   | Trees- 20.8%  |        |
|   | Utility Equipment- 2.1%   |        |
|   | Vehicle- 0.0%   |        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 115.05 |
| <b>10.) 2015 SAIDI</b>  |   | 92.15  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.90   |
| <b>12.) 2015 SAIFI</b>  |   | 1.12   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |        |
|   | Continue to Monitor   |        |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | UNION UNDERWEAR                                   |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Russell - 101 Fruit Of The Loom Dr - Jamestown    |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 2228  |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Jamestown - City of Jamestown - SSE of Substation |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 26.0  |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 940   |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/01/2013  |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 10.1%                                     |
|   | Construction- 0.0%                                |
|   | Lightning- 20.9%                                  |
|   | Non-Company- 0.0%                                 |
|   | Other/Unknown- 1.4%                               |
|   | Overload- 6.1%                                    |
|   | Planned Work- 12.8%                               |
|   | Trees- 39.2%                                      |
|   | Utility Equipment- 9.5%                           |
|   | Vehicle- 0.0%                                     |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 20.03   |
| 10.) <b>2015 SAIDI</b>  | 21.44   |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.18  |
| 12.) <b>2015 SAIFI</b>  | 0.16  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                               |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | UNION UNDERWEAR  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Russell - 101 Fruit Of The Loom Dr - Jamestown                       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2230   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Jamestown - Geneva Dr, Shawnee Ave, & Comanche Way - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 5.7  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 188  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/01/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.8%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 1.0%  |
|   | Other/Unknown- 0.0%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.0%   |
|   | Trees- 48.0%   |
|   | Utility Equipment- 48.7%   |
|   | Vehicle- 1.5%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 296.20   |
| <b>10.) 2015 SAIDI</b>  | 683.08   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.03   |
| <b>12.) 2015 SAIFI</b>  | 2.09   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |



|  |  |
|--|--|
| SUBSTATION NAME AND NUMBER                                   | IRVINE                                   |
| 2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)                   | Estill - 83 River Dr - Irvine            |
| 3.) CIRCUIT NAME AND NUMBER                                  | 2305                                     |
| 4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)                      | Irvine - Kirkland Ave - SE of Substation |
| 5.) TOTAL CIRCUIT LENGTH (MILES)                             | 3.7                                      |
| 6.) CUSTOMER COUNT FOR THIS CIRCUIT                          | 85                                       |
| 7.) DATE OF LAST CIRCUIT TRIM (VM)                           | 01/15/2013                               |
| 8.) 2015 OUTAGES BY CAUSE                                    |  |
|  | Animal- 0.0%                             |
|  | Construction- 0.0%                       |
|  | Lightning- 0.0%                          |
|  | Non-Company- 0.0%                        |
|  | Other/Unknown- 96.5%                     |
|  | Overload- 0.0%                           |
|  | Planned Work- 3.5%                       |
|  | Trees- 0.0%                              |
|  | Utility Equipment- 0.0%                  |
|  | Vehicle- 0.0%                            |
| 9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)                           | 45.11                                    |
| 10.) 2015 SAIDI  | 150.22                                   |
| 11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)                          | 0.34                                     |
| 12.) 2015 SAIFI  | 1.00                                     |
| 13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN |  |
|  | Continue to Monitor                      |

|   |                                       |
|---|---------------------------------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | OKONITE                               |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Madison - 1742 Berea Rd - Richmond    |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2306                                  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Richmond - Berea Rd - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.7                                   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 28                                    |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 07/16/2013                            |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |                                       |
|   | Animal- 0.0%                          |
|   | Construction- 0.0%                    |
|   | Lightning- 49.1%                      |
|   | Non-Company- 0.0%                     |
|   | Other/Unknown- 3.5%                   |
|   | Overload- 0.0%                        |
|   | Planned Work- 0.0%                    |
|   | Trees- 0.0%                           |
|   | Utility Equipment- 47.4%              |
|   | Vehicle- 0.0%                         |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 119.97                                |
| <b>10.) 2015 SAIDI</b>  | 497.27                                |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.64                                  |
| <b>12.) 2015 SAIFI</b>  | 2.05                                  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |                                       |
|   | Continue to Monitor                   |



|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | PAINT LICK  |       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Garrard - 11811 HWY 52 E - Paint Lick                               |       |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 2309  |       |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Paint Lick - HWY 52, Kirksville Rd, & Curtis Pike - N of Substation |       |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 16.9  |       |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 296   |       |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/01/2013  |       |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal- 4.1%  |       |
|   | Construction- 0.0%  |       |
|   | Lightning- 1.4%   |       |
|   | Non-Company- 0.0%   |       |
|   | Other/Unknown- 2.0%   |       |
|   | Overload- 0.0%  |       |
|   | Planned Work- 5.4%  |       |
|   | Trees- 24.3%  |       |
|   | Utility Equipment- 46.6%  |       |
|   | Vehicle- 16.2%  |       |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 71.09 |
| 10.) <b>2015 SAIDI</b>  |   | 78.57 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.65  |
| 12.) <b>2015 SAIFI</b>  |   | 0.50  |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor   |       |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | PAINT LICK   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Garrard - 11811 HWY 52 E - Paint Lick                          |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2310   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Paint Lick - HWY 52, White Lick Rd, & Noe Rd - S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 9.5  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 137  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 12/01/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.3%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.7%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 0.0%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.0%   |
|   | Trees- 45.4%   |
|   | Utility Equipment- 7.9%  |
|   | Vehicle- 44.7%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 121.02   |
| <b>10.) 2015 SAIDI</b>  | 503.73   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.59   |
| <b>12.) 2015 SAIFI</b>  | 2.21   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | RED HOUSE  |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Madison - 3858 Boonesboro Rd - Richmond                                  |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2311   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Richmond - Lost Fork Rd, Red House Rd, & Boonesboro Rd - S of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 9.7  |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 102  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/01/2014   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 0.0%   |       |
|   | Construction- 0.0%   |       |
|   | Lightning- 45.5%   |       |
|   | Non-Company- 6.8%  |       |
|   | Other/Unknown- 6.8%  |       |
|   | Overload- 0.0%   |       |
|   | Planned Work- 11.4%  |       |
|   | Trees- 29.5%   |       |
|   | Utility Equipment- 0.0%  |       |
|   | Vehicle- 0.0%  |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 53.97 |
| <b>10.) 2015 SAIDI</b>  |  | 60.63 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.49  |
| <b>12.) 2015 SAIFI</b>  |  | 0.43  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor  |       |



|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | RICHMOND EAST  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Madison - 1799 Irvine Rd - Richmond                                    |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2320   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Richmond - DR Martin BYP, Commercial Dr, & Berea Rd - SE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 17.2   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,232  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/22/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.9%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 45.3%   |
|   | Overload- 0.5%   |
|   | Planned Work- 3.2%   |
|   | Trees- 0.3%  |
|   | Utility Equipment- 48.8%   |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 18.71  |
| <b>10.) 2015 SAIDI</b>  | 28.65  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.20   |
| <b>12.) 2015 SAIFI</b>  | 0.30   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |



|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | RICHMOND SOUTH   |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Madison - 464 Eastern Bypass - Richmond  |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2321   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Richmond - Lake Shore Dr, Willis Branch Rd, & Barnes Mill Rd - W of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 23.8   |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,565  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 07/03/2014   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 0.4%   |       |
|   | Construction- 0.0%   |       |
|   | Lightning- 97.0%   |       |
|   | Non-Company- 0.9%  |       |
|   | Other/Unknown- 0.9%  |       |
|   | Overload- 0.0%   |       |
|   | Planned Work- 0.1%   |       |
|   | Trees- 0.0%  |       |
|   | Utility Equipment- 0.7%  |       |
|   | Vehicle- 0.1%  |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 60.71 |
| <b>10.) 2015 SAIDI</b>  |  | 31.54 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.59  |
| <b>12.) 2015 SAIFI</b>  |  | 1.03  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor  |       |





**SUBSTATION NAME AND NUMBER** RICHMOND SOUTH

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 464 Eastern Bypass - Richmond

3.) **CIRCUIT NAME AND NUMBER** 2324

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Eastern Ave, Barnes Mill Rd, & Brookview Dr - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 488

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/19/2014

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.9%
- Non-Company- 0.0%
- Other/Unknown- 28.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 70.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 13.25

10.) **2015 SAIDI** 23.12

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

12.) **2015 SAIFI** 0.44

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

Continue to Monitor



|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | ELIZABETHTOWN 3  |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hardin - 100 Crucible Steel Rd - Elizabethtown                                   |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2332   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Elizabethtown - Leitchfield Rd, Blackbranch Rd, & Nicholas St - SW of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 16.8   |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 792  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/18/2010   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 3.8%   |       |
|   | Construction- 0.0%   |       |
|   | Lightning- 0.5%  |       |
|   | Non-Company- 1.1%  |       |
|   | Other/Unknown- 1.6%  |       |
|   | Overload- 0.0%   |       |
|   | Planned Work- 13.7%  |       |
|   | Trees- 0.0%  |       |
|   | Utility Equipment- 79.2%   |       |
|   | Vehicle- 0.0%  |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 19.30 |
| <b>10.) 2015 SAIDI</b>  |  | 29.17 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.23  |
| <b>12.) 2015 SAIFI</b>  |  | 0.23  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor  |       |

|  |  |        |
|--|--|--------|
| SUBSTATION NAME AND NUMBER                                   | BONNIEVILLE  |        |
| 2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)                   | Hart - 8074 N Dixie Hwy - Bonnieville                              |        |
| 3.) CIRCUIT NAME AND NUMBER                                  | 2400   |        |
| 4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)                      | Bonnieville - US 31, Olive Ave, & Waldeck Rd - N & S of Substation |        |
| 5.) TOTAL CIRCUIT LENGTH (MILES)                             | 8.3  |        |
| 6.) CUSTOMER COUNT FOR THIS CIRCUIT                          | 228  |        |
| 7.) DATE OF LAST CIRCUIT TRIM (VM)                           | 12/01/2012   |        |
| 8.) 2015 OUTAGES BY CAUSE                                    |  |        |
|  | Animal- 3.5%   |        |
|  | Construction- 0.0%   |        |
|  | Lightning- 0.9%  |        |
|  | Non-Company- 45.6%   |        |
|  | Other/Unknown- 1.8%  |        |
|  | Overload- 0.0%   |        |
|  | Planned Work- 23.7%  |        |
|  | Trees- 13.2%   |        |
|  | Utility Equipment- 11.4%   |        |
|  | Vehicle- 0.0%  |        |
| 9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)                           |  | 42.74  |
| 10.) 2015 SAIDI  |  | 150.25 |
| 11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)                          |  | 0.22   |
| 12.) 2015 SAIFI  |  | 0.50   |
| 13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN |  |        |
|  | Continue to Monitor  |        |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | BOSTON   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Nelson - 1100 Old Nelsonville Rd. - Boston                     |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2402   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lebanon Junction - City of Lebanon Junction - NW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 15.5   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 726  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/19/2011   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.5%   |
|   | Construction- 0.0%   |
|   | Lightning- 7.9%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 19.7%   |
|   | Overload- 31.1%  |
|   | Planned Work- 1.7%   |
|   | Trees- 0.2%  |
|   | Utility Equipment- 38.9%                                       |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 97.73  |
| <b>10.) 2015 SAIDI</b>  | 202.71   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.21   |
| <b>12.) 2015 SAIFI</b>  | 2.06   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | BOSTON   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Nelson - 1100 Old Nelsonville Rd. - Boston   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2403   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Boston - Lebanon Junction Rd, Boston Rd, KY 52 & Nelsonville Rd - SE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 29.0   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 337  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 02/26/2011   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.6%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 8.4%  |
|   | Overload- 0.0%   |
|   | Planned Work- 4.2%   |
|   | Trees- 78.4%   |
|   | Utility Equipment- 7.4%  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 141.61   |
| <b>10.) 2015 SAIDI</b>  | 155.51   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.74   |
| <b>12.) 2015 SAIFI</b>  | 0.56   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CLARKSON  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Grayson - 405 Peonia Rd - Clarkson                  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2404  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Clarkson - City of Clarkson - N/S/E/W of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 13.2  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 590   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/23/2011  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 4.6%  |
|   | Construction- 0.0%                                  |
|   | Lightning- 22.3%                                    |
|   | Non-Company- 0.0%                                   |
|   | Other/Unknown- 2.8%                                 |
|   | Overload- 3.4%                                      |
|   | Planned Work- 0.0%                                  |
|   | Trees- 24.8%  |
|   | Utility Equipment- 18.0%                            |
|   | Vehicle- 24.2%                                      |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 29.95   |
| <b>10.) 2015 SAIDI</b>  | 72.86   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.30  |
| <b>12.) 2015 SAIFI</b>  | 0.55  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                 |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CLARKSON  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Grayson - 405 Peonia Rd - Clarkson  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2405  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Leitchfield - Farmview Ln, Hwy 3155, & Grayson Springs Rd - W of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 7.3   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 131   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/23/2011  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 3.7%   |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 29.6%  |
|   | Overload- 0.0%  |
|   | Planned Work- 7.4%  |
|   | Trees- 0.0%   |
|   | Utility Equipment- 59.3%  |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 17.66   |
| <b>10.) 2015 SAIDI</b>  | 40.89   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.15  |
| <b>12.) 2015 SAIFI</b>  | 0.21  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | EASTVIEW   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hardin - 12540 Sonora - Hardin Springs                   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2406   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Sonora - Hwy 62, KY 1375, & Church Ln - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 23.4   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 369  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/07/2009   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.8%   |
|   | Construction- 0.0%                                       |
|   | Lightning- 0.2%  |
|   | Non-Company- 1.8%  |
|   | Other/Unknown- 75.3%                                     |
|   | Overload- 0.0%   |
|   | Planned Work- 0.4%                                       |
|   | Trees- 0.0%  |
|   | Utility Equipment- 10.8%                                 |
|   | Vehicle- 10.8%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 45.42  |
| <b>10.) 2015 SAIDI</b>  | 100.33   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.52   |
| <b>12.) 2015 SAIFI</b>  | 1.34   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                                      |



**SUBSTATION NAME AND NUMBER** EASTVIEW

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 12540 Sonora - Hardin Springs

3.) **CIRCUIT NAME AND NUMBER** 2407

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sonora - KY 84, Main St, & White Mills Rd - SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.8

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 268

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2009

8.) **2015 OUTAGES BY CAUSE**

Animal- 3.8%

Construction- 0.0%

Lightning- 13.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 29.8%

Trees- 0.0%

Utility Equipment- 0.8%

Vehicle- 52.7%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.72

10.) **2015 SAIDI** 70.80

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

12.) **2015 SAIFI** 0.49

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

Continue to Monitor

|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | ELIZABETHTOWN 2   |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hardin - 1011 Woodland Dr - Elizabethtown                               |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2410  |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Elizabethtown - Dixie Hwy, Grays Rd, & Diecks Dr - E & NW of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 15.2  |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,373   |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/11/2011  |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal- 5.7%  |       |
|   | Construction- 0.0%  |       |
|   | Lightning- 0.7%   |       |
|   | Non-Company- 0.0%   |       |
|   | Other/Unknown- 0.1%   |       |
|   | Overload- 0.0%  |       |
|   | Planned Work- 0.0%  |       |
|   | Trees- 1.8%   |       |
|   | Utility Equipment- 91.7%  |       |
|   | Vehicle- 0.0%   |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 53.48 |
| <b>10.) 2015 SAIDI</b>  |   | 49.68 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.94  |
| <b>12.) 2015 SAIFI</b>  |   | 1.09  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor   |       |



**SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 2

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 1011 Woodland Dr - Elizabethtown

3.) **CIRCUIT NAME AND NUMBER** 2411

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Dixie Ave, Miles St, & Helm St - SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,447

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/06/2013

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 2.2%
- Non-Company- 0.4%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 1.6%
- Trees- 1.8%
- Utility Equipment- 93.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 45.57

10.) **2015 SAIDI** 57.10

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

12.) **2015 SAIFI** 1.12

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

Continue to Monitor



|   |  |              |
|---|--|--------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | ELIZABETHTOWN 2  |              |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hardin - 1011 Woodland Dr - Elizabethtown                                      |              |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2413   |              |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Elizabethtown - Long Ave, Saint John Rd, & College Street Rd - S of Substation |              |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 11.5   |              |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 885  |              |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/11/2011   |              |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |              |
|   | Animal- 2.2%   |              |
|   | Construction- 0.0%   |              |
|   | Lightning- 30.3%   |              |
|   | Non-Company- 2.4%  |              |
|   | Other/Unknown- 61.1%   |              |
|   | Overload- 0.5%   |              |
|   | Planned Work- 0.5%   |              |
|   | Trees- 2.4%  |              |
|   | Utility Equipment- 0.7%  |              |
|   | Vehicle- 0.0%  |              |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 35.47        |
| <b>10.) 2015 SAIDI</b>  |  | <b>35.60</b> |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.49         |
| <b>12.) 2015 SAIFI</b>  |  | 0.47         |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |              |
|   | Continue to Monitor  |              |

|  |   |       |
|--|---|-------|
| 1.) SUBSTATION NAME AND NUMBER                               | ELIZABETHTOWN 2   |       |
| 2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)                   | Hardin - 1011 Woodland Dr - Elizabethtown                             |       |
| 3.) CIRCUIT NAME AND NUMBER                                  | 2414  |       |
| 4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)                      | Elizabethtown - Woodland Dr, Ring Rd, & N Dixie HWY - N of Substation |       |
| 5.) TOTAL CIRCUIT LENGTH (MILES)                             | 17.3  |       |
| 6.) CUSTOMER COUNT FOR THIS CIRCUIT                          | 1,319   |       |
| 7.) DATE OF LAST CIRCUIT TRIM (VM)                           | 09/03/2011  |       |
| 8.) 2015 OUTAGES BY CAUSE                                    |   |       |
|  | Animal- 0.7%  |       |
|  | Construction- 0.0%  |       |
|  | Lightning- 0.1%   |       |
|  | Non-Company- 0.4%   |       |
|  | Other/Unknown- 1.8%   |       |
|  | Overload- 0.0%  |       |
|  | Planned Work- 1.9%  |       |
|  | Trees- 1.1%   |       |
|  | Utility Equipment- 93.9%  |       |
|  | Vehicle- 0.0%   |       |
| 9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)                           |   | 17.72 |
| 10.) 2015 SAIDI  |   | 9.27  |
| 11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)                          |   | 0.35  |
| 12.) 2015 SAIFI  |   | 1.07  |
| 13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN |   |       |
|  | Continue to Monitor   |       |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | ELIZABETHTOWN 5   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hardin - 800 N Mulberry St - Elizabethtown                        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2422  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Elizabethtown - KY 61/62, Navaho Dr, & Ring Rd - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 5.7   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 363   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 07/31/2010  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 1.8%  |
|   | Construction- 0.0%  |
|   | Lightning- 57.4%  |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 1.1%   |
|   | Overload- 0.0%  |
|   | Planned Work- 0.6%  |
|   | Trees- 39.1%  |
|   | Utility Equipment- 0.0%   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 45.78   |
| <b>10.) 2015 SAIDI</b>  | 161.57  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.62  |
| <b>12.) 2015 SAIFI</b>  | 2.27  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |



**SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 5

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 800 N Mulberry St - Elizabethtown

3.) **CIRCUIT NAME AND NUMBER** 2424

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Joan Ave, McCullum Ave, & Bellwood Dr - NW of Substation

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

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 573

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2010

8.) **2015 OUTAGES BY CAUSE**

- Animal- 8.1%
- Construction- 0.0%
- Lightning- 42.1%
- Non-Company- 9.6%
- Other/Unknown- 12.4%
- Overload- 0.0%
- Planned Work- 11.5%
- Trees- 9.6%
- Utility Equipment- 6.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 27.97

10.) **2015 SAIDI** 27.71

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

12.) **2015 SAIFI** 0.37

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

Continue to Monitor

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | ELIZABETHTOWN WEST   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hardin - 300 College Street Rd - Elizabethtown                   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2426   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Elizabethtown - College Street Rd & Peters Dr - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 6.6  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 364  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/25/2010   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 20.8%  |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.2%  |
|   | Other/Unknown- 0.0%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.0%   |
|   | Trees- 1.3%  |
|   | Utility Equipment- 0.8%  |
|   | Vehicle- 76.9%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 72.75  |
| <b>10.) 2015 SAIDI</b>  | 105.54   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.06   |
| <b>12.) 2015 SAIFI</b>  | 1.30   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |



|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | ELIZABETHTOWN WEST   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hardin - 300 College Street Rd - Elizabethtown                                 |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2427   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Elizabethtown - Peterson Dr, Georgetown Rd, & Leitchfield Rd - W of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 5.4  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 263  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/02/2010   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 44.7%  |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 20.2%   |
|   | Other/Unknown- 11.4%   |
|   | Overload- 0.0%   |
|   | Planned Work- 10.5%  |
|   | Trees- 0.0%  |
|   | Utility Equipment- 13.2%   |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 31.64  |
| <b>10.) 2015 SAIDI</b>  | 49.52  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.25   |
| <b>12.) 2015 SAIFI</b>  | 0.43   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |



|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HODGENVILLE 4KV   |       |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Larue - 500 W High Ave - Hodgenville  |       |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 2428  |       |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Hodgenville - High St, College St, Lincoln Blvd & Main St - E of Substation |       |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 5.3   |       |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 459   |       |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 01/14/2012  |       |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal-   | 0.0%  |
|   | Construction-   | 0.0%  |
|   | Lightning-  | 45.6% |
|   | Non-Company-  | 1.7%  |
|   | Other/Unknown-  | 7.4%  |
|   | Overload-   | 0.0%  |
|   | Planned Work-   | 6.0%  |
|   | Trees-  | 39.3% |
|   | Utility Equipment-  | 0.0%  |
|   | Vehicle-  | 0.0%  |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 75.81   |       |
| 10.) <b>2015 SAIDI</b>  | 36.81   |       |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.41  |       |
| 12.) <b>2015 SAIFI</b>  | 0.76  |       |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor   |       |

|      |  |  |
|------|--|--|
| 1.)  | <b>SUBSTATION NAME AND NUMBER</b>                              | HODGENVILLE 12KV   |
| 2.)  | <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                  | Larue - 500 W High Ave - Hodgenville   |
| 3.)  | <b>CIRCUIT NAME AND NUMBER</b>                                 | 2431   |
| 4.)  | <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                     | Hodgenville - Hwy 61, New Jackson Hwy, BF Brown Rd, & L & N Tpke - S of Substation |
| 5.)  | <b>TOTAL CIRCUIT LENGTH (MILES)</b>                            | 23.9   |
| 6.)  | <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                         | 451  |
| 7.)  | <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                          | 04/14/2012   |
| 8.)  | <b>2015 OUTAGES BY CAUSE</b>                                   |  |
|      | Animal-  | 0.3%   |
|      | Construction-  | 0.0%   |
|      | Lightning-   | 57.4%  |
|      | Non-Company-   | 0.0%   |
|      | Other/Unknown-   | 2.4%   |
|      | Overload-  | 0.0%   |
|      | Planned Work-  | 0.0%   |
|      | Trees-   | 0.0%   |
|      | Utility Equipment-   | 39.9%  |
|      | Vehicle-   | 0.0%   |
| 9.)  | <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                          | 147.55   |
| 10.) | <b>2015 SAIDI</b>  | 294.99   |
| 11.) | <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.86   |
| 12.) | <b>2015 SAIFI</b>  | 2.09   |
| 13.) | <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|      | Continue to Monitor  |  |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | HORSE CAVE   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hart - 501 Shewey Ave - Horse Cave   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2434   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Cave City - Old Glasgow Rd, 9th St, KY 70, 3rd St, & Dixie Hwy- SW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 15.5   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 629  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 08/07/2013   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.1%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.1%  |
|   | Non-Company- 0.0%  |
|   | Other/Unknown- 12.4%   |
|   | Overload- 0.0%   |
|   | Planned Work- 5.9%   |
|   | Trees- 0.0%  |
|   | Utility Equipment- 81.0%   |
|   | Vehicle- 0.5%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 77.42  |
| <b>10.) 2015 SAIDI</b>  | 128.15   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.65   |
| <b>12.) 2015 SAIFI</b>  | 1.22   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|  |   |       |
|--|---|-------|
| SUBSTATION NAME AND NUMBER                                   | HORSE CAVE  |       |
| 2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)                   | Hart - 501 Shewey Ave - Horse Cave                              |       |
| 3.) CIRCUIT NAME AND NUMBER                                  | 2435  |       |
| 4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)                      | Horse Cave - E Main St, KY 218, & US HWY 31 E - E of Substation |       |
| 5.) TOTAL CIRCUIT LENGTH (MILES)                             | 18.2  |       |
| 6.) CUSTOMER COUNT FOR THIS CIRCUIT                          | 364   |       |
| 7.) DATE OF LAST CIRCUIT TRIM (VM)                           | 10/12/2013  |       |
| 8.) 2015 OUTAGES BY CAUSE                                    |   |       |
|  | Animal- 4.3%  |       |
|  | Construction- 0.0%  |       |
|  | Lightning- 0.0%   |       |
|  | Non-Company- 0.5%   |       |
|  | Other/Unknown- 2.7%   |       |
|  | Overload- 0.0%  |       |
|  | Planned Work- 10.3%   |       |
|  | Trees- 0.0%   |       |
|  | Utility Equipment- 78.4%  |       |
|  | Vehicle- 3.8%   |       |
| 9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)                           |   | 44.43 |
| 10.) 2015 SAIDI  |   | 76.40 |
| 11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)                          |   | 0.35  |
| 12.) 2015 SAIFI  |   | 0.51  |
| 13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN |   |       |
|  | Continue to Monitor   |       |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MILLWOOD   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Grayson - 6649 Beaver Dam Rd - Millwood                                    |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2441   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Millwood - US HWY 62, School House Rd, & Rock Quarry Rd - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 11.6   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 170  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/01/2011   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 11.8%  |
|   | Construction- 0.0%   |
|   | Lightning- 29.4%   |
|   | Non-Company- 23.5%   |
|   | Other/Unknown- 5.9%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.0%   |
|   | Trees- 0.0%  |
|   | Utility Equipment- 29.4%   |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 10.78  |
| <b>10.) 2015 SAIDI</b>  | 11.65  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.10   |
| <b>12.) 2015 SAIFI</b>  | 0.10   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |  |                            |
|---|--|----------------------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | RADCLIFF   |                            |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hardin - 677 N Wilson Rd - Radcliff                      |                            |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 2448   |                            |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Radcliff - N Dixie Blvd & N Wilson Rd - NW of Substation | Town - Road - General Area |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 8.2  |                            |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 625  |                            |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/28/2014   |                            |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |  |                            |
|   | Animal- 2.4%   |                            |
|   | Construction- 0.0%                                       |                            |
|   | Lightning- 0.8%  |                            |
|   | Non-Company- 0.0%  |                            |
|   | Other/Unknown- 1.8%                                      |                            |
|   | Overload- 0.0%   |                            |
|   | Planned Work- 0.0%                                       |                            |
|   | Trees- 88.5%   |                            |
|   | Utility Equipment- 3.9%                                  |                            |
|   | Vehicle- 2.6%  |                            |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 70.61                      |
| 10.) <b>2015 SAIDI</b>  |  | 93.84                      |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.73                       |
| 12.) <b>2015 SAIFI</b>  |  | 1.16                       |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |                            |
|   | Continue to Monitor                                      |                            |



**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 (COUNTY-ROAD-TOWN)** 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.) **2015 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 23.0%

Non-Company- 0.0%

Other/Unknown- 19.3%

Overload- 0.0%

Planned Work- 1.7%

Trees- 40.4%

Utility Equipment- 15.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 388.97

10.) **2015 SAIDI** 1030.14

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.96

12.) **2015 SAIFI** 4.39

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

Continue to Monitor





|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | ROGERSVILLE  |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hardin - 180 Rogersville Rd - Radcliff                                     |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2454   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Radcliff - Parkside Mobile Home Park, 1st, 2nd, & 3rd St - S of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.1  |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 301  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 04/10/2010   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 0.0%   |       |
|   | Construction- 0.0%   |       |
|   | Lightning- 0.0%  |       |
|   | Non-Company- 0.0%  |       |
|   | Other/Unknown- 0.0%  |       |
|   | Overload- 0.0%   |       |
|   | Planned Work- 16.4%  |       |
|   | Trees- 83.6%   |       |
|   | Utility Equipment- 0.0%  |       |
|   | Vehicle- 0.0%  |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 17.60 |
| <b>10.) 2015 SAIDI</b>  |  | 22.39 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.19  |
| <b>12.) 2015 SAIFI</b>  |  | 0.20  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor  |       |

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SONORA  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hardin - 1340 Old Sonora Rd - Sonora  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2457  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Sonora - Sonora Hardin Springs Rd, Nolin Rd, Gilead Church Rd, & KY 222 - N of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 23.9  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 487   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/03/2012  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 2.1%  |
|   | Construction- 0.0%  |
|   | Lightning- 86.7%  |
|   | Non-Company- 1.4%   |
|   | Other/Unknown- 1.2%   |
|   | Overload- 0.0%  |
|   | Planned Work- 5.5%  |
|   | Trees- 0.7%   |
|   | Utility Equipment- 1.8%   |
|   | Vehicle- 0.5%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 102.41  |
| <b>10.) 2015 SAIDI</b>  | 114.78  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.98  |
| <b>12.) 2015 SAIFI</b>  | 1.16  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | ELIZABETHTOWN INDUSTRIAL                            |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Hardin - 111 Ring Rd - Elizabethtown                |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2462  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Elizabethtown - N Blackbranch Rd - NW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 1.4   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 5   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/06/2010  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%                                  |
|   | Lightning- 0.0%                                     |
|   | Non-Company- 60.0%                                  |
|   | Other/Unknown- 40.0%                                |
|   | Overload- 0.0%                                      |
|   | Planned Work- 0.0%                                  |
|   | Trees- 0.0%   |
|   | Utility Equipment- 0.0%                             |
|   | Vehicle- 0.0%                                       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 38.92   |
| <b>10.) 2015 SAIDI</b>  | 105.60  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.52  |
| <b>12.) 2015 SAIFI</b>  | 1.00  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                 |



|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LA GRANGE E 12KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Oldham - 1810 E Highway 146 - La Grange   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2472  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | La Grange - Jericho Rd, Adams St, 1st St, Hwy 53, & Zale Smith Ln - S of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 29.2  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 879   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/01/2011  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 1.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.0%   |
|   | Non-Company- 1.6%   |
|   | Other/Unknown- 0.0%   |
|   | Overload- 0.0%  |
|   | Planned Work- 0.0%  |
|   | Trees- 0.2%   |
|   | Utility Equipment- 96.9%  |
|   | Vehicle- 0.2%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 30.67   |
| <b>10.) 2015 SAIDI</b>  | 65.57   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.47  |
| <b>12.) 2015 SAIFI</b>  | 1.04  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | EMINENCE   |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Henry - 1257 Ballardsville Rd - Eminence                                     |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2502   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | New Castle - Jackson Rd, Eminence Rd, & City of New Castle - N of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 27.3   |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 932  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 08/11/2012   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal-  | 8.4%  |
|   | Construction-  | 0.0%  |
|   | Lightning-   | 1.3%  |
|   | Non-Company-   | 1.8%  |
|   | Other/Unknown-   | 22.3% |
|   | Overload-  | 2.9%  |
|   | Planned Work-  | 4.7%  |
|   | Trees-   | 0.0%  |
|   | Utility Equipment-   | 10.0% |
|   | Vehicle-   | 48.6% |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 30.52 |
| <b>10.) 2015 SAIDI</b>  |  | 54.99 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.23  |
| <b>12.) 2015 SAIFI</b>  |  | 0.41  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor  |       |



**SUBSTATION NAME AND NUMBER** FINCHVILLE 1

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 198 Parent Ln - Finchville

3.) **CIRCUIT NAME AND NUMBER** 2504

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Simpsonville - Hwy 55, Buck Creek Rd, & Finchville Rd - NE & SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 42.5

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 453

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/26/2013

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.8%
- Non-Company- 0.0%
- Other/Unknown- 18.9%
- Overload- 0.4%
- Planned Work- 1.6%
- Trees- 2.0%
- Utility Equipment- 69.9%
- Vehicle- 6.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 63.71

10.) **2015 SAIDI** 84.87

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

12.) **2015 SAIFI** 0.55

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

Continue to Monitor



**SUBSTATION NAME AND NUMBER** FLORIDA TILE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Anderson - 1247 Alton Rd - Lawrenceburg

3.) **CIRCUIT NAME AND NUMBER** 2505

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lawrenceburg - Alton Rd - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.6

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 609

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/11/2011

8.) **2015 OUTAGES BY CAUSE**

Animal- 46.1%

Construction- 0.0%

Lightning- 0.2%

Non-Company- 0.0%

Other/Unknown- 50.2%

Overload- 0.0%

Planned Work- 0.5%

Trees- 2.3%

Utility Equipment- 0.5%

Vehicle- 0.1%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 150.54

10.) **2015 SAIDI** 281.47

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.48

12.) **2015 SAIFI** 2.16

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

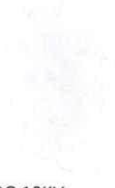
Continue to Monitor





|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LA GRANGE E 12KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Oldham - 1810 E Highway 146 - La Grange                                       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2511  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | La Grange - Waterworks Rd, Hwy 53/1st St, & Fendley Mill Rd - W of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 18.1  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,255   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/19/2011  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.6%  |
|   | Construction- 0.0%  |
|   | Lightning- 20.9%  |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 0.0%   |
|   | Overload- 0.0%  |
|   | Planned Work- 0.0%  |
|   | Trees- 21.5%  |
|   | Utility Equipment- 57.0%  |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 30.77   |
| <b>10.) 2015 SAIDI</b>  | 39.97   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.45  |
| <b>12.) 2015 SAIFI</b>  | 0.26  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LAGRANGE PENAL   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Oldham - 3011 W Highway 146 - La Grange                          |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2513   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | La Grange - HWY 146, Jefferson St, & Allen Ln - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 23.9   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,319  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/01/2011   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 17.2%   |
|   | Non-Company- 0.2%  |
|   | Other/Unknown- 5.8%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.0%   |
|   | Trees- 3.1%  |
|   | Utility Equipment- 0.2%  |
|   | Vehicle- 72.4%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 120.77   |
| <b>10.) 2015 SAIDI</b>  | 93.52  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.92   |
| <b>12.) 2015 SAIFI</b>  | 1.45   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |



**SUBSTATION NAME AND NUMBER** LAWRENCEBURG 12KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Anderson - 108 E Broadway st - Lawrenceburg

3.) **CIRCUIT NAME AND NUMBER** 2515

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lawrenceburg - Fox Creek Rd - SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 34.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,845

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/05/2011

8.) **2015 OUTAGES BY CAUSE**

Animal- 2.5%

Construction- 0.0%

Lightning- 8.5%

Non-Company- 67.4%

Other/Unknown- 9.9%

Overload- 0.0%

Planned Work- 0.0%

Trees- 10.2%

Utility Equipment- 1.2%

Vehicle- 0.2%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 83.12

10.) **2015 SAIDI** 146.98

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

12.) **2015 SAIFI** 1.46

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

Reliability Improvements Completed in 2015

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LAWRENCEBURG 12KV   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Anderson - 108 E Broadway st - Lawrenceburg               |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2517  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lawrenceburg - Industry Rd & Tyrone Rd - NE of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 10.9  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 174   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 07/02/2011  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 0.0%  |
|   | Construction- 0.0%  |
|   | Lightning- 46.2%  |
|   | Non-Company- 0.0%   |
|   | Other/Unknown- 0.0%                                       |
|   | Overload- 0.0%  |
|   | Planned Work- 0.0%  |
|   | Trees- 53.8%  |
|   | Utility Equipment- 0.0%                                   |
|   | Vehicle- 0.0%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 42.15   |
| <b>10.) 2015 SAIDI</b>  | 91.64   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.31  |
| <b>12.) 2015 SAIFI</b>  | 0.45  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Tree Trim Scheduled for 2016                              |

**SUBSTATION NAME AND NUMBER** LAWRENCEBURG 12KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Anderson - 108 E Broadway st - Lawrenceburg

3.) **CIRCUIT NAME AND NUMBER** 2518

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lawrenceburg - Waterfill Rd - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.4

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 975

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/30/2011

8.) **2015 OUTAGES BY CAUSE**

Animal- 3.3%

Construction- 0.0%

Lightning- 2.6%

Non-Company- 0.0%

Other/Unknown- 49.0%

Overload- 0.0%

Planned Work- 0.0%

Trees- 3.7%

Utility Equipment- 41.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 39.66

10.) **2015 SAIDI** 63.95

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

12.) **2015 SAIFI** 0.56

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SHELBYVILLE 12KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Shelby - 1201 Willow St - Shelbyville                                       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2519  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Shelbyville - Smithfield Rd, Bayberry Dr, & La Grange Rd - NW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 34.6  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,311   |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 05/04/2013  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 2.2%  |
|   | Construction- 0.0%  |
|   | Lightning- 0.8%   |
|   | Non-Company- 9.9%   |
|   | Other/Unknown- 22.8%  |
|   | Overload- 0.0%  |
|   | Planned Work- 3.6%  |
|   | Trees- 26.0%  |
|   | Utility Equipment- 14.1%  |
|   | Vehicle- 20.6%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 29.32   |
| <b>10.) 2015 SAIDI</b>  | 29.68   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.33  |
| <b>12.) 2015 SAIFI</b>  | 0.38  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor   |

|   |  |        |
|---|--|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SHELBYVILLE 12KV   |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Shelby - 1201 Willow St - Shelbyville                        |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2520   |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Shelbyville - KY 43, KY 12 & Washington St - E of Substation |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 49.3   |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,283  |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/23/2013   |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | Animal- 3.7%   |        |
|   | Construction- 0.0%   |        |
|   | Lightning- 19.8%   |        |
|   | Non-Company- 1.2%  |        |
|   | Other/Unknown- 0.0%  |        |
|   | Overload- 0.0%   |        |
|   | Planned Work- 0.7%   |        |
|   | Trees- 0.4%  |        |
|   | Utility Equipment- 0.2%                                      |        |
|   | Vehicle- 74.0%   |        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 118.59 |
| <b>10.) 2015 SAIDI</b>  |  | 120.69 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 1.25   |
| <b>12.) 2015 SAIFI</b>  |  | 0.44   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Continue to Monitor  |        |





|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SHELBYVILLE EAST  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Shelby - 183 Boone Station Rd - Shelbyville                   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2522  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Shelbyville - KY 60, HWY 395, & Benson Pike - E of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 52.7  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 56  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 05/16/2014  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | Animal- 2.2%  |
|   | Construction- 0.0%  |
|   | Lightning- 2.0%   |
|   | Non-Company- 1.6%   |
|   | Other/Unknown- 0.0%   |
|   | Overload- 0.2%  |
|   | Planned Work- 0.0%  |
|   | Trees- 16.4%  |
|   | Utility Equipment- 77.2%                                      |
|   | Vehicle- 0.4%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 44.07   |
| <b>10.) 2015 SAIDI</b>  | 106.79  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.66  |
| <b>12.) 2015 SAIFI</b>  | 0.49  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Reliability Improvements Completed in 2015                    |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SIMPSONVILLE   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Shelby - 6801 Shelbyville Rd - Simpsonville  |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2528   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Simpsonville - Shelbyville Rd, Champions Way, Veechdale Rd & Hwy 60 - SW & E of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 23.9   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 263  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/08/2014   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 1.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 15.9%   |
|   | Non-Company- 1.0%  |
|   | Other/Unknown- 14.5%   |
|   | Overload- 0.0%   |
|   | Planned Work- 13.5%  |
|   | Trees- 1.0%  |
|   | Utility Equipment- 53.1%   |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 68.00  |
| <b>10.) 2015 SAIDI</b>  | 76.71  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.55   |
| <b>12.) 2015 SAIFI</b>  | 0.79   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |  |        |
|---|--|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LOCKPORT   |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Henry - 88 Sawmill Rd - Bethlehem                                |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 2531   |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Bethlehem - KY 22, KY 389 & Six Mile Creek Rd - NE of Substation |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 13.2   |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 896  |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/24/2012   |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | Animal- 1.0%   |        |
|   | Construction- 0.0%   |        |
|   | Lightning- 10.8%   |        |
|   | Non-Company- 0.0%  |        |
|   | Other/Unknown- 2.5%  |        |
|   | Overload- 0.0%   |        |
|   | Planned Work- 0.0%   |        |
|   | Trees- 0.5%  |        |
|   | Utility Equipment- 85.3%   |        |
|   | Vehicle- 0.0%  |        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 184.06 |
| <b>10.) 2015 SAIDI</b>  |  | 118.97 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.72   |
| <b>12.) 2015 SAIFI</b>  |  | 1.16   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Continue to Monitor  |        |

|      |  |  |
|------|--|--|
| 1.)  | <b>SUBSTATION NAME AND NUMBER</b>                              | EMINENCE   |
| 2.)  | <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                  | Henry - 1257 Ballardsville Rd - Eminence                         |
| 3.)  | <b>CIRCUIT NAME AND NUMBER</b>                                 | 2535   |
| 4.)  | <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                     | Eminence - Giltner Rd, Smithfield Rd, & Hwy 22 - W of Substation |
| 5.)  | <b>TOTAL CIRCUIT LENGTH (MILES)</b>                            | 14.8   |
| 6.)  | <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                         | 241  |
| 7.)  | <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                          | 07/14/2012   |
| 8.)  | <b>2015 OUTAGES BY CAUSE</b>                                   |  |
|      | Animal-  | 1.1%   |
|      | Construction-  | 0.0%   |
|      | Lightning-   | 7.5%   |
|      | Non-Company-   | 2.2%   |
|      | Other/Unknown-   | 1.1%   |
|      | Overload-  | 0.0%   |
|      | Planned Work-  | 0.0%   |
|      | Trees-   | 0.0%   |
|      | Utility Equipment-   | 12.9%  |
|      | Vehicle-   | 75.3%  |
| 9.)  | <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                          | 31.18  |
| 10.) | <b>2015 SAIDI</b>  | 77.66  |
| 11.) | <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.26   |
| 12.) | <b>2015 SAIFI</b>  | 0.39   |
| 13.) | <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|      | Continue to Monitor  |  |

**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 (COUNTY-ROAD-TOWN)** Shelby - Old Finchville Rd, Hwy 55, & Gordon Ln - SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.4

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 236

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2013

8.) **2015 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 67.8%
- Non-Company- 0.0%
- Other/Unknown- 13.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 16.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 15.95

10.) **2015 SAIDI** 31.56

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

12.) **2015 SAIFI** 0.25

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

Continue to Monitor

|   |   |
|---|---|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | Bear Track-Yellow Rock                              |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Lee - 7722 KY 52 - Beattyville                      |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 3404  |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Beattyville - New Yellow Rock Rd - SW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.8   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 78  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 06/01/2009  |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |
|   | 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%                                       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 346.77  |
| <b>10.) 2015 SAIDI</b>  | 366.00  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.42  |
| <b>12.) 2015 SAIFI</b>  | 1.00  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |
|   | Continue to Monitor                                 |

|   |  |        |
|---|--|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | ALVA                                       |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Harlan - Rockhouse Branch Rd - Pathfork    |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 4331                                       |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Alva - Hwy 72 & Alva Rd - NW of Substation |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.3  |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 10   |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/06/2013                                 |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | Animal- 0.0%                               |        |
|   | Construction- 0.0%                         |        |
|   | Lightning- 0.0%                            |        |
|   | Non-Company- 0.0%                          |        |
|   | Other/Unknown- 28.1%                       |        |
|   | Overload- 0.0%                             |        |
|   | Planned Work- 0.0%                         |        |
|   | Trees- 71.9%                               |        |
|   | Utility Equipment- 0.0%                    |        |
|   | Vehicle- 0.0%                              |        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 622.96 |
| <b>10.) 2015 SAIDI</b>  |  | 863.20 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 2.08   |
| <b>12.) 2015 SAIFI</b>  |  | 3.10   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Continue to Monitor                        |        |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SHAWNEE GAS 12KV                             |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Harlan - Ball Park Rd - Harlan               |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 4402   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Harlan - Hwy 421 & Hwy 990 - E of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 19.0   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 519  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/07/2014                                   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%                                 |
|   | Construction- 0.0%                           |
|   | Lightning- 0.0%                              |
|   | Non-Company- 29.7%                           |
|   | Other/Unknown- 3.9%                          |
|   | Overload- 0.0%                               |
|   | Planned Work- 0.1%                           |
|   | Trees- 1.1%                                  |
|   | Utility Equipment- 65.2%                     |
|   | Vehicle- 0.0%                                |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 162.64                                       |
| <b>10.) 2015 SAIDI</b>  | 99.70  |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.41   |
| <b>12.) 2015 SAIFI</b>  | 1.54   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor                          |





|      |  |  |        |
|------|--|--|--------|
| 1.)  | <b>SUBSTATION NAME AND NUMBER</b>                              | HARLAN 12KV                                      |        |
| 2.)  | <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                  | Harlan - Corner of River St and Rain St - Harlan |        |
| 3.)  | <b>CIRCUIT NAME AND NUMBER</b>                                 | 4406   |        |
| 4.)  | <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                     | Harlan - US HWY 413 - N of Substation            |        |
| 5.)  | <b>TOTAL CIRCUIT LENGTH (MILES)</b>                            | 39.2   |        |
| 6.)  | <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                         | 1,223  |        |
| 7.)  | <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                          | 10/07/2013                                       |        |
| 8.)  | <b>2015 OUTAGES BY CAUSE</b>                                   |  |        |
|      |  | Animal- 0.7%                                     |        |
|      |  | Construction- 0.0%                               |        |
|      |  | Lightning- 0.0%                                  |        |
|      |  | Non-Company- 0.0%                                |        |
|      |  | Other/Unknown- 43.7%                             |        |
|      |  | Overload- 0.0%                                   |        |
|      |  | Planned Work- 1.9%                               |        |
|      |  | Trees- 42.5%                                     |        |
|      |  | Utility Equipment- 11.2%                         |        |
|      |  | Vehicle- 0.0%                                    |        |
| 9.)  | <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                          |  | 302.60 |
| 10.) | <b>2015 SAIDI</b>  |  | 216.18 |
| 11.) | <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 1.96   |
| 12.) | <b>2015 SAIFI</b>  |  | 2.83   |
| 13.) | <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|      |  | Reliability Improvements Completed in 2015       |        |

**SUBSTATION NAME AND NUMBER** HARLAN WYE 4KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Sunshine Pike Rd just W of US HWY 421 - Harlan

3.) **CIRCUIT NAME AND NUMBER** 4411

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - US HWY 421 - E of Substation

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

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 400

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/21/2013

8.) **2015 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 27.1%

Non-Company- 15.0%

Other/Unknown- 7.5%

Overload- 22.4%

Planned Work- 27.1%

Trees- 0.0%

Utility Equipment- 0.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 22.78

10.) **2015 SAIDI** 32.19

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

12.) **2015 SAIFI** 0.27

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

Continue to Monitor

**SUBSTATION NAME AND NUMBER** HARLAN WYE 12KV

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Sunshine Pike Rd just W of US HWY 421 - Harlan

3.) **CIRCUIT NAME AND NUMBER** 4412

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - US HWY 421 - E of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.4

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 898

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/26/2013

8.) **2015 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 90.0%
- Other/Unknown- 5.7%
- Overload- 0.0%
- Planned Work- 1.3%
- Trees- 1.4%
- Utility Equipment- 0.1%
- Vehicle- 0.8%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 45.70

10.) **2015 SAIDI** 64.67

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

12.) **2015 SAIFI** 1.12

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

Continue to Monitor

|   |  |        |
|---|--|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | DANIEL BRANCH                              |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Harlan - Gilbert Rd/Bandana Branch - Smith |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 4421                                       |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Rose Hill - Hwy 987 - E of Substation      |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 20.5                                       |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 235  |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/07/2011                                 |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |        |
|   | Animal- 2.5%                               |        |
|   | Construction- 0.0%                         |        |
|   | Lightning- 0.0%                            |        |
|   | Non-Company- 0.0%                          |        |
|   | Other/Unknown- 25.0%                       |        |
|   | Overload- 0.0%                             |        |
|   | Planned Work- 0.4%                         |        |
|   | Trees- 71.2%                               |        |
|   | Utility Equipment- 0.8%                    |        |
|   | Vehicle- 0.0%                              |        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 148.83 |
| <b>10.) 2015 SAIDI</b>  |  | 123.86 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.90   |
| <b>12.) 2015 SAIFI</b>  |  | 1.00   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |        |
|   | Continue to Monitor                        |        |

|   |   |        |
|---|---|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | CATRONS CREEK   |        |
| 2.) <b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Harlan - Near 6872 Hwy 72 - Gulston                   |        |
| 3.) <b>CIRCUIT NAME AND NUMBER</b>                                  | 4427  |        |
| 4.) <b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Gulston - Hwy 72 & Bardo Hollow Rd - SW of Substation |        |
| 5.) <b>TOTAL CIRCUIT LENGTH (MILES)</b>                             | 3.7   |        |
| 6.) <b>CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 103   |        |
| 7.) <b>DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/31/2010  |        |
| 8.) <b>2015 OUTAGES BY CAUSE</b>                                    |   |        |
|   | Animal- 0.0%  |        |
|   | Construction- 0.0%                                    |        |
|   | Lightning- 0.0%                                       |        |
|   | Non-Company- 0.0%                                     |        |
|   | Other/Unknown- 2.7%                                   |        |
|   | Overload- 0.0%  |        |
|   | Planned Work- 2.7%                                    |        |
|   | Trees- 94.5%  |        |
|   | Utility Equipment- 0.0%                               |        |
|   | Vehicle- 0.0%   |        |
| 9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 125.14 |
| 10.) <b>2015 SAIDI</b>  |   | 157.83 |
| 11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 1.21   |
| 12.) <b>2015 SAIFI</b>  |   | 1.07   |
| 13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |        |
|   | Continue to Monitor                                   |        |

|   |  |       |
|---|--|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LYNCH 7.2KV  |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Harlan - Hwy 160 (W Main St) - Lynch                                     |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 4450   |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lynch - Church St, E Main St, Gap Branch Rd, & Hwy 160 - E of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 5.8  |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 389  |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/23/2012   |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |       |
|   | Animal- 0.0%   |       |
|   | Construction- 0.0%   |       |
|   | Lightning- 0.0%  |       |
|   | Non-Company- 72.1%   |       |
|   | Other/Unknown- 25.7%   |       |
|   | Overload- 0.0%   |       |
|   | Planned Work- 0.0%   |       |
|   | Trees- 0.0%  |       |
|   | Utility Equipment- 2.2%  |       |
|   | Vehicle- 0.0%  |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | 51.24 |
| <b>10.) 2015 SAIDI</b>  |  | 74.62 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | 0.43  |
| <b>12.) 2015 SAIFI</b>  |  | 0.35  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |       |
|   | Continue to Monitor  |       |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | LYNCH 7.2KV  |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Harlan - Hwy 160 (W Main St) - Lynch                                   |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 4451   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Lynch - W Main St, Mountain St, & 1st, 2nd, & 3rd St - W of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 2.2  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 163  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 11/23/2012   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | 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- 97.0%   |
|   | Utility Equipment- 3.0%  |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 128.95   |
| <b>10.) 2015 SAIDI</b>  | 523.35   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.74   |
| <b>12.) 2015 SAIFI</b>  | 1.64   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |  |               |
|---|--|---------------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | VERDA  |               |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Harlan - Corner of School St - Everts                        |               |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 4480   |               |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Everts - Hwy 38, Hill St, & Hwy 1601 - NE & SE of Substation |               |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 10.0   |               |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 400  |               |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/07/2012   |               |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |               |
|   | Animal- 0.1%   |               |
|   | Construction- 0.0%   |               |
|   | Lightning- 0.0%  |               |
|   | Non-Company- 0.7%  |               |
|   | Other/Unknown- 3.6%  |               |
|   | Overload- 0.0%   |               |
|   | Planned Work- 0.8%   |               |
|   | Trees- 94.3%   |               |
|   | Utility Equipment- 0.5%                                      |               |
|   | Vehicle- 0.0%  |               |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |  | <b>188.88</b> |
| <b>10.) 2015 SAIDI</b>  |  | <b>236.39</b> |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |  | <b>1.38</b>   |
| <b>12.) 2015 SAIFI</b>  |  | <b>2.20</b>   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |               |
|   | Continue to Monitor  |               |



|   |   |        |
|---|---|--------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SOMERSET 3  |        |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Pulaski - 125 Young St. - Somerset                                    |        |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 4500  |        |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Somerset - Hines Addition, Jarvis Ave, & Bourne Ave - S of Substation |        |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 13.8  |        |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 685   |        |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/01/2010  |        |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |        |
|   | Animal- 0.7%  |        |
|   | Construction- 0.0%  |        |
|   | Lightning- 4.4%   |        |
|   | Non-Company- 0.2%   |        |
|   | Other/Unknown- 1.2%   |        |
|   | Overload- 0.0%  |        |
|   | Planned Work- 3.6%  |        |
|   | Trees- 31.7%  |        |
|   | Utility Equipment- 58.2%  |        |
|   | Vehicle- 0.0%   |        |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 92.34  |
| <b>10.) 2015 SAIDI</b>  |   | 176.18 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 1.01   |
| <b>12.) 2015 SAIFI</b>  |   | 1.73   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |        |
|   | Continue to Monitor   |        |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | SOMERSET 3   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Pulaski - 125 Young St. - Somerset                           |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 4501   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Somerset - E Mt. Vernon St & Eller St - E & SW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 8.5  |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 731  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 09/01/2010   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.0%   |
|   | Construction- 0.0%   |
|   | Lightning- 0.0%  |
|   | Non-Company- 0.4%  |
|   | Other/Unknown- 1.4%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.3%   |
|   | Trees- 33.5%   |
|   | Utility Equipment- 32.2%                                     |
|   | Vehicle- 32.2%   |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 60.50  |
| <b>10.) 2015 SAIDI</b>  | 177.63   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 1.16   |
| <b>12.) 2015 SAIFI</b>  | 3.11   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |  |
|---|--|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MCKEE ROAD   |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Pulaski - 140 McKee Rd - Somerset                            |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 4511   |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Somerset - Hwy 2227, Hwy 27, & Hwy 80 - N & SW of Substation |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 22.4   |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 840  |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 10/09/2014   |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |  |
|   | Animal- 0.2%   |
|   | Construction- 0.0%   |
|   | Lightning- 2.7%  |
|   | Non-Company- 0.6%  |
|   | Other/Unknown- 2.5%  |
|   | Overload- 0.0%   |
|   | Planned Work- 0.5%   |
|   | Trees- 26.1%   |
|   | Utility Equipment- 67.4%                                     |
|   | Vehicle- 0.0%  |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           | 65.61  |
| <b>10.) 2015 SAIDI</b>  | 212.90   |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          | 0.80   |
| <b>12.) 2015 SAIFI</b>  | 2.58   |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |  |
|   | Continue to Monitor  |

|   |   |       |
|---|---|-------|
| <b>SUBSTATION NAME AND NUMBER</b>                                   | MCKEE ROAD  |       |
| <b>2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>                   | Pulaski - 140 McKee Rd - Somerset   |       |
| <b>3.) CIRCUIT NAME AND NUMBER</b>                                  | 4512  |       |
| <b>4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>                      | Somerset - Hwy 1247, Crab Orchard Rd, & Oak Leaf Ln - N & E of Substation |       |
| <b>5.) TOTAL CIRCUIT LENGTH (MILES)</b>                             | 32.7  |       |
| <b>6.) CUSTOMER COUNT FOR THIS CIRCUIT</b>                          | 1,101   |       |
| <b>7.) DATE OF LAST CIRCUIT TRIM (VM)</b>                           | 03/01/2010  |       |
| <b>8.) 2015 OUTAGES BY CAUSE</b>                                    |   |       |
|   | Animal- 26.1%   |       |
|   | Construction- 0.0%  |       |
|   | Lightning- 35.3%  |       |
|   | Non-Company- 0.0%   |       |
|   | Other/Unknown- 9.8%   |       |
|   | Overload- 0.0%  |       |
|   | Planned Work- 3.4%  |       |
|   | Trees- 18.4%  |       |
|   | Utility Equipment- 7.1%   |       |
|   | Vehicle- 0.0%   |       |
| <b>9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>                           |   | 25.48 |
| <b>10.) 2015 SAIDI</b>  |   | 31.80 |
| <b>11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>                          |   | 0.33  |
| <b>12.) 2015 SAIFI</b>  |   | 0.30  |
| <b>13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b> |   |       |
|   | Continue to Monitor   |       |

**KENTUCKY PUBLIC SERVICE COMMISSION****ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT****SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW**

The Companies' Vegetation Management Plan was submitted December 19, 2007. The Distribution Vegetation Management Program encompasses right of way maintenance for Louisville Gas and Electric Company and Kentucky Utilities Company (referred to as the "Companies"). The program is centralized and managed by a Forestry Manager and eight company Utility Arborists. All are certified arborists by the International Society of Arboriculture.

The Companies' plan is to maintain a proactive trim cycle while balancing the reactive needs of worst performing circuits. The Companies' goal is to maintain an average trim cycle of five years or less. The effectiveness of the plan is evaluated by the cycle and system performance as measured by system SAIDI, SAIFI, and CAIDI.

**Effectiveness of the program**

KU/LG&E Tree Cycle – 4.92 years

KU (Kentucky) Tree SAIDI – 20.09 minutes

KU (Kentucky) Tree SAIFI – 0.133

KU (Kentucky) Tree CAIDI – 151.3 minutes

The hazard tree program, mid cycle, herbicide, and worst performing circuits were completed as planned.

**Adjustments made to the tree plan in 2015 included**

No changes made to plan.

**Changes to be implemented in 2016**

No changes made to plan. Continue to focus on hazard tree program.

**SECTION 7: UTILITY COMMENTS**

SAIDI, SAIFI and CAIDI all improved in 2015 compared to the previous 5 year average. 405 Circuits were above their previous 5 year average SAIDI and/or SAIFI in 2015.