



Dennis Holt, President & CEO

200 Electric Avenue
Post Office Box 910
Somerset, KY 42502-0910
Telephone 606-678-4121
Toll Free 800-264-5112
Fax 606-679-8279
www.skrecc.com

RECEIVED
MAY 01 2019
PUBLIC SERVICE
COMMISSION

April 24, 2019

Gwen R. Pinson
Executive Director
Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40602

RE: Case No. 2011-00450

Dear Ms. Pinson:

Enclosed is South Kentucky's Electric Distribution Utility Annual Reliability Reports submitted pursuant to the above referenced case.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads 'Kevin Newton'.

Kevin Newton
South Kentucky R.E.C.C.
Vice President of Operations

KN:jcg

Enclosures

KENTUCKY PUBLIC SERVICE COMMISSION

Electric Distribution Utility Annual Reliability Report

SECTION 1: CONTACT INFORMATION

UTILITY NAME	South Kentucky RECC
REPORT PREPARED BY	Dakota Brown
E-MAIL ADDRESS OF PREPARER	dakotab@skrecc.com
PHONE NUMBER OF PREPARER	606-875-3262

SECTION 2: REPORTING YEAR

CALENDAR YEAR OF REPORT	2018
-------------------------	------

SECTION 3: MAJOR EVENT DAYS (MED)

T_{MED}	24.66
FIRST DATE USED TO DETERMINE T_{MED}	1/1/2018
LAST DATE USED TO DETERMINE T_{MED}	12/31/2018
NUMBER OF MED IN REPORT YEAR	1

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	68560	TOTAL CIRCUITS	143
-----------------	-------	----------------	-----

Excluding MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	200.32	SAIDI	287.8337
SAIFI	1.85244	SAIFI	2.2958

Including MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	277.2384	SAIDI	287.839
SAIFI	1.99362	SAIFI	2.296

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}

RECEIVED

MAY 01 2019

PUBLIC SERVICE
COMMISSION

KENTUCKY PUBLIC SERVICE COMMISSION

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAME AND NUMBER
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
3. CIRCUIT NAME AND NUMBER
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
5. TOTAL CIRCUIT LENGTH (MILES)
6. CUSTOMER COUNT FOR THIS CIRCUIT
7. DATE OF LAST CIRCUIT TRIM (VM)
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE
9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
10. REPORTING YEAR (SAIDI)
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
12. REPORTING YEAR (SAIFI)
13. CORRECTIVE ACTION PLAN

REPEAT INFORMATION FOR EACH CIRCUIT EXCEEDING ITS 5 YEAR AVERAGE
FOR SAIDI AND/OR SAIFI

****CIRCUIT REPORTING INFORMATION ATTACHED IN SPREADSHEET
"PSC_ANNUAL_DISTRIBUTION_RELIABILITY_CKT INFO"**

KENTUCKY PUBLIC SERVICE COMMISSION

SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

INCLUDE CURRENT VEGETATION MANAGEMENT PLAN

Additional page may be attached as needed.

Review of the 2018 VMP

Introduction:

SKRECC has had a formally written VMP in place since the year 2007. In prior years, South Kentucky RECC did not have a formally written VMP; however, we did have established goals and objectives that were being monitored and administered by the Right-of-Way Manager.

Herbicidal Spraying:

For the year 2018, South Kentucky RECC accomplished approximately 674.51 miles of Herbicidal Spraying.

Cycle Trimming:

For the year 2018, South Kentucky RECC accomplished approximately 327.99 miles of circuit Trimming.

Vine Program:

For the year 2018, South Kentucky RECC accomplished approximately 286.01 miles of coverage relating to our Vine Program.

Other Trimming and Cutting:

For the year 2018, South Kentucky RECC built to approximately 949 new members, amounting to approximately 45 miles of new overhead distribution line clearing.

South Kentucky RECC Right-of-Way was able to complete approximately 1,847 individual work-orders for trimming and other ROW work relations at various locations across the entire system. These were primarily places near the member's homes that involved yard trees or other special situations, but included the full range of right-of-way work that is typical for a rural electric system.

Conclusions:

At the end of 2018, we feel that our Right-of-Way plan was implemented appropriately, but will continue to look for ways to improve in both cost containment and effectiveness of methods. We are evaluating the data that is contained in the annual reliability report to the PSC and will consider the worst performing circuits to see if any changes in our right-of-way plans are needed to help improve reliability on those circuits.

****SKRECC'S CURRENT VEGETATION MANAGEMENT PLAN ATTACHED
"VEGETATION MANAGEMENT PLAN - 2016"**

KENTUCKY PUBLIC SERVICE COMMISSION

SECTION 7: UTILITY COMMENTS

South Kentucky RECC strives to provide its members with safe and reliable electric. The following report provides statistics to indicate outage causes and durations affecting SKRECC's reliability measures. Within the report, trees are calculated as the dominant source of outage causes in the SKRECC service territory. As with majority of Rural Electric Cooperatives, the result of long feeders and more exposure induces a significant impact on outage duration (SAIDI) and frequency (SAIFI).

In past observations, we have few outage or even blink situations caused by tree branches brushing the line. Typically, our outage situations are caused by rural tree lined right of ways. Over the years, we've acknowledged these tree lined right of ways and have taken notion to attempt to move the line out of the tree line to a better location. In 2018, approximately 77 circuits, 52% of our feeders exceeded their 5 year SAIDI & SAIFI average. This is a large increase from our 2017 statistics that indicated only 25% of feeders exceeding their average. With this attestation, we plan to review our circuit trimming list for 2019/2020 and possibly even fixate on the circuits determined as worst performing in this report.

We should also note that many of the tree indicated statistics were most likely during storm situations. During these situations, the dispatcher is responsible for categorizing these situations and may or may not receive any details regarding the circumstance. Often times, during a storm situation, an outage may be categorized as trees when in fact it may also qualify as wind or lightning.

We will recognize these measures and will determine steps for improvement and precautions regarding future outage concerns.



South Kentucky RECC

Vegetation Management Plan (VMP)

Updated April 2016

Introduction

South Kentucky RECC (SKRECC) is an Electric Distribution Cooperative serving approximately 69,000 accounts in parts of 13 counties in south central Kentucky and northern Tennessee. The service territory varies from flat cropland to steep, mountainous areas, and much of the terrain is covered with trees and other vegetation that requires maintenance in order to operate the 6,900 miles of distribution line owned by the cooperative.

The member density within the service territory also varies considerably from place to place. SKRECC serves many areas in which are sparsely populated; however, the cooperative also serves major subdivisions, industrial and commercial areas, and areas within the city limits of incorporated towns and cities. The cooperative also operates facilities in areas governed by entities such as the U.S. Forest Service and the U.S. Corps of Engineers, and SKRECC must work closely with these agencies in meeting their needs. The diversity of the terrain along with the diversity of the development and land use within the service territory requires the cooperative to use a variety of methods and practices to provide a right-of-way program that will meet the needs of the company and its members.

Goals of the SKRECC VMP

The goal of the SKRECC VMP is to provide effective, reliable, and efficient vegetation management within our entire service area in such a way that we fulfill the vision and mission statements of the cooperative and meet the needs of all stakeholders who depend upon us.

Right-of-Way Clearing Cycle and Methods to Determine Needs

SKRECC uses a 6 to 7 year cycle for trimming of right-of-ways and a 5 year cycle for spraying and bushhogging. However, many circuits on the system have special situations that require trimming more often. An example of this would be circuits feeding subdivisions where there are many rapid growing yard-trees. SKRECC must re-trim these areas on a more frequent basis. Special needs such as these are determined by methods such as the system inspection program, calls from members, and feedback from employees who work in the field on a daily basis and observe right-of-way conditions.

Similarly, there are sometimes instances in which the trimming cycle can be extended. This can be due to factors such as weather conditions which decrease vegetation growth, the effectiveness of herbicide treatment, and the type of land-use associated with the circuit. If the SKRECC Right-of-Way Manager determines that the cycle can be extended on a particular circuit and still provide reliable service the cooperative may do so.

Methods of Maintaining and Clearing Right-of-Ways

SKRECC utilizes several methods of clearing and maintaining right-of-ways. The specific methods used at any given location are dictated by the local parameters of each site.

Side-Trimming – As trees along right-of-ways grow and encroach toward the conductors, SKRECC uses bucket trucks to keep the growth trimmed back.

Topping – This method is primarily used where trees that cannot be removed under the lines encroach into the electrical space.

Spraying – Selective herbicide spraying is utilized on most areas of the system to keep down small brush and other vegetation that could hinder pulling up downed conductors or other maintenance activities.

Hand-clearing – This method is utilized primarily as an alternative to spraying in the US Forest Service territory and other environmentally sensitive sites where the terrain is so steep a tractor cannot be driven.

Bush-hogging – Bush-hogging is utilized primarily as an alternative to spraying in the US Forest Service territory and other environmentally sensitive sites where a tractor can be driven.

Clearing Widths

It is the goal of SKRECC to clear a 45 foot corridor on multiphase primary lines, and a 30 foot corridor on single phase lines. In some instances there are right-of-ways that do not fully meet these standards, and when we do maintenance on these lines we trim back to the original cutting point.

The cooperative also inspects for dead or damaged trees (hazard trees) outside the cleared corridor which are tall enough to damage the line if they were to fall. SKRECC removes these trees whenever possible as part of the regular maintenance routine.

Yard trees and ornamental trees pose a different challenge because obtaining the above mentioned clearances would require the tree to be removed. Various different pruning techniques are used to obtain at least 8 feet of clearance below the system neutral on primary lines, and the maximum obtainable distance is achieved to the sides in these situations.

The cooperative desires to clear lines with secondary voltage (120/240 volt triplex lines, etc) to prevent rubbing by tree branches. In most cases a 3 to 5 foot clearance is judged to be satisfactory, but when allowable the cooperative may trim back even more. Secondary conductors are almost always located in close proximity to the dwellings we serve, and the distance trimmed may vary due to the specific situation and species of tree encountered.

Tree Replacement Program

Many high growth trees in yards can be both a public hazard and a high cost to maintain due to constant re-trimming. It is the goal of SKRECC to remove these trees and replace them when appropriate with a small, low growing species if the landowner will permit it. The cooperative will provide and set a replacement tree for the landowner in these instances.

Reliability Criteria and Resources Used to Develop and Monitor the VMP

The effectiveness of the VMP is evaluated on an ongoing basis by several different means. SKRECC has a right-of-way manager who oversees the plan and makes random visual inspections several times each week, and as circuits are cleared. The manager also has three supervisors who work full time in the field and report back to him with their observations. All clearing jobs that are completed are inspected before final payment is made to contractors.

The Kentucky Public Service Commission (PSC) does spot checks of right-of-way during the required field inspection process, and the Rural Utility Service (RUS) General Field Representative (GFR) does similar inspections for the O&M Survey associated with construction work plans.

SKRECC prepares monthly outage reports, and these reports are used to monitor the effectiveness of the VMP. The cooperative tracks SAIDI, CAIDI, and SAIFI and looks at trends while taking into account factors such as weather, major storms, and different causes of outages. This data is used to help determine both the effectiveness of the plan as a whole and any areas that may require additional attention.

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0101:

1. SUBSTATION NAME AND NUMBER

01/RUSSELL SPRINGS #1

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

64 Old Sano Road, Russell Springs, Ky 42642

3. CIRCUIT NAME AND NUMBER

NORTH HWY 127 / #0101

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

NORTH HWY 127 FROM HWY 80

5. TOTAL CIRCUIT LENGTH (MILES)

7.12

6. CUSTOMER COUNT FOR THIS CIRCUIT

166

7.. DATE OF LAST CIRCUIT TRIM (VM)

2010

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	28%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	28%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	
16 Line Down	14%
17 Transformer Fuse Blown	
18 Line Fuse	
19 Broke Pole	28%
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

69.48979

10. REPORTING YEAR (SAIDI)

159.7003

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.71807

12. REPORTING YEAR (SAIFI)

2.59036

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0103:

1. SUBSTATION NAME AND NUMBER

01/RUSSELL SPRINGS #1

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

64 Old Sano Road, Russell Springs, Ky 42642

3. CIRCUIT NAME AND NUMBER

FRENCH VALLEY IND. PARK / #0103

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH ON HAILS HIGHWAY

5. TOTAL CIRCUIT LENGTH (MILES)

12.15

6. CUSTOMER COUNT FOR THIS CIRCUIT

357

7.. DATE OF LAST CIRCUIT TRIM (VM)

2013

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	22%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	11%
9 Defective Equipment	
10 Transformer	22%
11 Customer Wiring	
13 Squirrel	11%
14 Bird	
15 Major Storm	
16 Line Down	11%
17 Transformer Fuse Blown	11%
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	11%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

37.17411

10. REPORTING YEAR (SAIDI)

63.0916

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.58344

12. REPORTING YEAR (SAIFI)

0.83193

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0104:

1. SUBSTATION NAME AND NUMBER

01/RUSSELL SPRINGS #2

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

64 Old Sano Road, Russell Springs, Ky 42642

3. CIRCUIT NAME AND NUMBER

HAILS HIGHWAY / #0104

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH ON HAILS HIGHWAY

5. TOTAL CIRCUIT LENGTH (MILES)

59.73

6. CUSTOMER COUNT FOR THIS CIRCUIT

545

7.. DATE OF LAST CIRCUIT TRIM (VM)

2012

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	55%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	5%
9 Defective Equipment	5%
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	5%
16 Line Down	
17 Transformer Fuse Blown	14%
18 Line Fuse	9%
19 Broke Pole	5%
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

94.80424

10. REPORTING YEAR (SAIDI)

210.64135

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.41757

12. REPORTING YEAR (SAIFI)

2.2789

13. CORRECTIVE ACTION PLAN

CKT WILL BE VISUALLY INSPECTED

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0106:

1. SUBSTATION NAME AND NUMBER

01/RUSSELL SPRINGS #2

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

64 Old Sano Road, Russell Springs, Ky 42642

3. CIRCUIT NAME AND NUMBER

SANO / #0106

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SANO NORTH FROM SUBSTATION

5. TOTAL CIRCUIT LENGTH (MILES)

59.87

6. CUSTOMER COUNT FOR THIS CIRCUIT

720

7.. DATE OF LAST CIRCUIT TRIM (VM)

2009

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	33%
2 Other Animal	
3 Trees	
4 Lightning	6%
5 Car Hit Pole	
6 SOURCE	3%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	10%
14 Bird	10%
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	13%
18 Line Fuse	3%
19 Broke Pole	10%
20 Wind	3%
21 Load	
22 Planned	10%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

134.36396

10. REPORTING YEAR (SAIDI)

246.61778

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.06407

12. REPORTING YEAR (SAIFI)

3.18194

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0202:

1. SUBSTATION NAME AND NUMBER

02/WINDSOR

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1905 Highway 80, Windsor, KY 42565

3. CIRCUIT NAME AND NUMBER

CAINTOWN / #0202

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST HWY 80

5. TOTAL CIRCUIT LENGTH (MILES)

118.52

6. CUSTOMER COUNT FOR THIS CIRCUIT

988

7.. DATE OF LAST CIRCUIT TRIM (VM)

2017

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	2%
2 Other Animal	
3 Trees	42%
4 Lightning	6%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	4%
14 Bird	10%
15 Major Storm	
16 Line Down	2%
17 Transformer Fuse Blown	12%
18 Line Fuse	10%
19 Broke Pole	2%
20 Wind	
21 Load	2%
22 Planned	8%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

206.78321

10. REPORTING YEAR (SAIDI)

161.69131

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.0315

12. REPORTING YEAR (SAIFI)

2.21154

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0204:

1. SUBSTATION NAME AND NUMBER

02/WINDSOR

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1905 Highway 80, Windsor, KY 42565

3. CIRCUIT NAME AND NUMBER

TO WINDSOR POST OFFICE / #0204

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS WEST HWY 80

5. TOTAL CIRCUIT LENGTH (MILES)

17.35

6. CUSTOMER COUNT FOR THIS CIRCUIT

191

7.. DATE OF LAST CIRCUIT TRIM (VM)

2010

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	24%
2 Other Animal	
3 Trees	
4 Lightning	6%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	6%
13 Squirrel	6%
14 Bird	6%
15 Major Storm	
16 Line Down	12%
17 Transformer Fuse Blown	24%
18 Line Fuse	12%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	6%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

204.51378

10. REPORTING YEAR (SAIDI)

117.4123

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.78121

12. REPORTING YEAR (SAIFI)

2.37173

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0301:

1. SUBSTATION NAME AND NUMBER

03/NANCY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

995 HWY 196, Nancy, KY 42544

3. CIRCUIT NAME AND NUMBER

NAOMI / #0301

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH TOWARDS NORFLEET

5. TOTAL CIRCUIT LENGTH (MILES)

63.41

6. CUSTOMER COUNT FOR THIS CIRCUIT

191

7.. DATE OF LAST CIRCUIT TRIM (VM)

2013

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	49%
4 Lightning	3%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	6%
11 Customer Wiring	
13 Squirrel	3%
14 Bird	6%
15 Major Storm	
16 Line Down	6%
17 Transformer Fuse Blown	9%
18 Line Fuse	9%
19 Broke Pole	
20 Wind	6%
21 Load	
22 Planned	6%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

660.21662

10. REPORTING YEAR (SAIDI)

2073.70881

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

5.41899

12. REPORTING YEAR (SAIFI)

13.05759

13. CORRECTIVE ACTION PLAN

CKT WILL BE VISUALLY INSPECTED

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0304:

1. SUBSTATION NAME AND NUMBER

03/NANCY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

995 HWY 196, Nancy, KY 42544

3. CIRCUIT NAME AND NUMBER

LANETOWN & PINEY GROVE / #0304

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS HWY 80 TOWARDS WINDSOR

5. TOTAL CIRCUIT LENGTH (MILES)

37.95

6. CUSTOMER COUNT FOR THIS CIRCUIT

228

7. DATE OF LAST CIRCUIT TRIM (VM)

2016

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	33%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	9%
14 Bird	16%
15 Major Storm	
16 Line Down	9%
17 Transformer Fuse Blown	9%
18 Line Fuse	9%
19 Broke Pole	
20 Wind	16%
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

107.03671

10. REPORTING YEAR (SAIDI)

178.4492

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.69185

12. REPORTING YEAR (SAIFI)

2.17982

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0401:

1. SUBSTATION NAME AND NUMBER

04/MT OLIVE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

4968 Calvary Ridge Road, Yosemite, KY 42566

3. CIRCUIT NAME AND NUMBER

CALVARY RIDGE / #0401

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS CALVARY RIDGE

5. TOTAL CIRCUIT LENGTH (MILES)

48.71

6. CUSTOMER COUNT FOR THIS CIRCUIT

599

7.. DATE OF LAST CIRCUIT TRIM (VM)

2010

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	29%
4 Lightning	4%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	4%
10 Transformer	
11 Customer Wiring	
13 Squirrel	14%
14 Bird	
15 Major Storm	4%
16 Line Down	11%
17 Transformer Fuse Blown	18%
18 Line Fuse	7%
19 Broke Pole	4%
20 Wind	
21 Load	
22 Planned	7%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

315.17831

10. REPORTING YEAR (SAIDI)

311.93052

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

3.88096

12. REPORTING YEAR (SAIFI)

3.92821

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0402:

1. SUBSTATION NAME AND NUMBER

04/MT OLIVE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

4968 Calvary Ridge Road, Yosemite, KY 42566

3. CIRCUIT NAME AND NUMBER

WALLTOWN / #0402

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS WALLTOWN

5. TOTAL CIRCUIT LENGTH (MILES)

66.22

6. CUSTOMER COUNT FOR THIS CIRCUIT

176

7.. DATE OF LAST CIRCUIT TRIM (VM)

2012

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	3%
3 Trees	33%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	6%
11 Customer Wiring	
13 Squirrel	6%
14 Bird	13%
15 Major Storm	
16 Line Down	6%
17 Transformer Fuse Blown	20%
18 Line Fuse	6%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	3%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

206.89276

10. REPORTING YEAR (SAIDI)

202.72689

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.64598

12. REPORTING YEAR (SAIFI)

1.83523

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0403:

1. SUBSTATION NAME AND NUMBER

04/MT OLIVE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

4968 Calvary Ridge Road, Yosemite, KY 42566

3. CIRCUIT NAME AND NUMBER

BROWN RIDGE/ #0403

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS TOWARDS FISHING CREEK

5. TOTAL CIRCUIT LENGTH (MILES)

24.57

6. CUSTOMER COUNT FOR THIS CIRCUIT

493

7.. DATE OF LAST CIRCUIT TRIM (VM)

2009

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	33%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	8%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	8%
14 Bird	
15 Major Storm	
16 Line Down	8%
17 Transformer Fuse Blown	
18 Line Fuse	16%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	25%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

73.45584

10. REPORTING YEAR (SAIDI)

65.51974

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.01146

12. REPORTING YEAR (SAIFI)

1.78499

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0406:

1. SUBSTATION NAME AND NUMBER

04/MT OLIVE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

4968 Calvary Ridge Road, Yosemite, KY 42566

3. CIRCUIT NAME AND NUMBER

CASEY STONE / #0406

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS CASEY STONE

5. TOTAL CIRCUIT LENGTH (MILES)

65.93

6. CUSTOMER COUNT FOR THIS CIRCUIT

502

7.. DATE OF LAST CIRCUIT TRIM (VM)

2010

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	61%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	4%
11 Customer Wiring	
13 Squirrel	7%
14 Bird	4%
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	14%
18 Line Fuse	
19 Broke Pole	
20 Wind	4%
21 Load	
22 Planned	7%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

539.82267

10. REPORTING YEAR (SAIDI)

842.7158

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

3.16996

12. REPORTING YEAR (SAIFI)

4.99004

13. CORRECTIVE ACTION PLAN

CKT WILL BE VISUALLY INSPECTED

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0602:

1. SUBSTATION NAME AND NUMBER

06/EAST SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

126 Garner School Road, Somerset, KY 42503

3. CIRCUIT NAME AND NUMBER

BOLTON SUBDIVISION / #0602

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS BOLTON SUBDIVISION TOWARD NV

5. TOTAL CIRCUIT LENGTH (MILES)

6.58

6. CUSTOMER COUNT FOR THIS CIRCUIT

116

7.. DATE OF LAST CIRCUIT TRIM (VM)

2009

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	33%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	66%
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

52.8575

10. REPORTING YEAR (SAIDI)

143.33118

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.38471

12. REPORTING YEAR (SAIFI)

0.43966

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0604:

1. SUBSTATION NAME AND NUMBER

06/EAST SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

126 Garner School Road, Somerset, KY 42503

3. CIRCUIT NAME AND NUMBER

EAST HWY 192 / #0604

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST ON HWY 192

5. TOTAL CIRCUIT LENGTH (MILES)

61.27

6. CUSTOMER COUNT FOR THIS CIRCUIT

730

7.. DATE OF LAST CIRCUIT TRIM (VM)

2016

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	65%
4 Lightning	4%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	4%
14 Bird	2%
15 Major Storm	
16 Line Down	4%
17 Transformer Fuse Blown	
18 Line Fuse	
19 Broke Pole	2%
20 Wind	2%
21 Load	
22 Planned	10%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

166.34246

10. REPORTING YEAR (SAIDI)

320.85384

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.84664

12. REPORTING YEAR (SAIFI)

2.87397

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0701:

1. SUBSTATION NAME AND NUMBER

07/SHOPVILLE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

130 Dahl Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

STAB / #0701

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST HWY 80

5. TOTAL CIRCUIT LENGTH (MILES)

116.44

6. CUSTOMER COUNT FOR THIS CIRCUIT

850

7.. DATE OF LAST CIRCUIT TRIM (VM)

2019

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	58%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	4%
14 Bird	
15 Major Storm	
16 Line Down	9%
17 Transformer Fuse Blown	11%
18 Line Fuse	9%
19 Broke Pole	
20 Wind	4%
21 Load	
22 Planned	4%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

351.18834

10. REPORTING YEAR (SAIDI)

443.23473

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.2327

12. REPORTING YEAR (SAIFI)

2.54118

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0703:

1. SUBSTATION NAME AND NUMBER

07/SHOPVILLE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

130 Dahl Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

BARNESBURG / #0703

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS WEST HWY 80

5. TOTAL CIRCUIT LENGTH (MILES)

45.42

6. CUSTOMER COUNT FOR THIS CIRCUIT

514

7.. DATE OF LAST CIRCUIT TRIM (VM)

2012

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	30%
4 Lightning	5%
5 Car Hit Pole	5%
6 SOURCE	
9 Defective Equipment	
10 Transformer	5%
11 Customer Wiring	
13 Squirrel	10%
14 Bird	10%
15 Major Storm	
16 Line Down	10%
17 Transformer Fuse Blown	5%
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	20%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

258.37173

10. REPORTING YEAR (SAIDI)

1125.69857

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.89422

12. REPORTING YEAR (SAIFI)

2.99611

13. CORRECTIVE ACTION PLAN

CKT WILL BE VISUALLY INSPECTED

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0705:

1. SUBSTATION NAME AND NUMBER

07/SHOPVILLE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

130 Dahl Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

VALLEY OAK / #0705

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS TOWARDS IND. PARK ON DAHL

5. TOTAL CIRCUIT LENGTH (MILES)

94.71

6. CUSTOMER COUNT FOR THIS CIRCUIT

744

7.. DATE OF LAST CIRCUIT TRIM (VM)

2019

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	9%
2 Other Animal	
3 Trees	43%
4 Lightning	6%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	6%
14 Bird	
15 Major Storm	3%
16 Line Down	6%
17 Transformer Fuse Blown	16%
18 Line Fuse	3%
19 Broke Pole	
20 Wind	6%
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

116.16473

10. REPORTING YEAR (SAIDI)

136.79724

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.6314

12. REPORTING YEAR (SAIFI)

0.625

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0803:

1. SUBSTATION NAME AND NUMBER

08/NORWOOD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

279 West Racetrak Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

PARKWAY MANOR / #0803

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS TOWARDS RINGOLD RD.

5. TOTAL CIRCUIT LENGTH (MILES)

31.95

6. CUSTOMER COUNT FOR THIS CIRCUIT

613

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	53%
4 Lightning	5%
5 Car Hit Pole	5%
6 SOURCE	
9 Defective Equipment	
10 Transformer	5%
11 Customer Wiring	
13 Squirrel	
14 Bird	5%
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	5%
18 Line Fuse	10%
19 Broke Pole	
20 Wind	10%
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

96.72369

10: REPORTING YEAR (SAIDI)

94.25169

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.88981

12. REPORTING YEAR (SAIFI)

0.9168

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0804:

1. SUBSTATION NAME AND NUMBER

08/NORWOOD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

279 West Racetrak Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

BREEZY HILLS / #0804

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS CLIFTY RD.

5. TOTAL CIRCUIT LENGTH (MILES)

21.43

6. CUSTOMER COUNT FOR THIS CIRCUIT

484

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	55%
4 Lightning	
5 Car Hit Pole	5%
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	5%
13 Squirrel	
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	15%
18 Line Fuse	
19 Broke Pole	10%
20 Wind	5%
21 Load	
22 Planned	5%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

70.11581

10. REPORTING YEAR (SAIDI)

140.52094

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.76148

12. REPORTING YEAR (SAIFI)

1.12603

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0805:

1. SUBSTATION NAME AND NUMBER

08/NORWOOD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

279 West Racetrak Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

NORTH HWY 27 / #0805

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS NORTH ON HWY 27

5. TOTAL CIRCUIT LENGTH (MILES)

3.5

6. CUSTOMER COUNT FOR THIS CIRCUIT

21

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	50%
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	50%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

6.0193

10. REPORTING YEAR (SAIDI)

14.3619

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.10262

12. REPORTING YEAR (SAIFI)

0.2381

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0902:

1. SUBSTATION NAME AND NUMBER

09/FLOYD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

859 Old Somerset Standford Road, Somerset, KY

3. CIRCUIT NAME AND NUMBER

SOUTH HWY 1247 / #0902

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH ON HWY 1247

5. TOTAL CIRCUIT LENGTH (MILES)

20.79

6. CUSTOMER COUNT FOR THIS CIRCUIT

370

7. DATE OF LAST CIRCUIT TRIM (VM)

2015

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	38%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	15%
14 Bird	
15 Major Storm	
16 Line Down	8%
17 Transformer Fuse Blown	
18 Line Fuse	23%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	15%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

116.7721

10. REPORTING YEAR (SAIDI)

143.82374

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.04932

12. REPORTING YEAR (SAIFI)

1.45135

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0903:

1. SUBSTATION NAME AND NUMBER

09/FLOYD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

859 Old Somerset Standford Road, Somerset, KY

3. CIRCUIT NAME AND NUMBER

NORTH HWY 1247/ #0903

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS NORTH ON HWY 1247

5. TOTAL CIRCUIT LENGTH (MILES)

60.67

6. CUSTOMER COUNT FOR THIS CIRCUIT

591

7.. DATE OF LAST CIRCUIT TRIM (VM)

2016

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	58%
4 Lightning	5%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	5%
14 Bird	11%
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	11%
18 Line Fuse	5%
19 Broke Pole	
20 Wind	5%
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

135.01852

10. REPORTING YEAR (SAIDI)

247.5443

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.3071

12. REPORTING YEAR (SAIFI)

1.40948

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0905:

1. SUBSTATION NAME AND NUMBER

09/FLOYD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

859 Old Somerset Standford Road, Somerset, KY

3. CIRCUIT NAME AND NUMBER

NORTH HWY 27/ #0905

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS NORTH ON HWY 27

5. TOTAL CIRCUIT LENGTH (MILES)

47.91

6. CUSTOMER COUNT FOR THIS CIRCUIT

461

7.. DATE OF LAST CIRCUIT TRIM (VM)

2016

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	7%
2 Other Animal	
3 Trees	37%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	4%
10 Transformer	
11 Customer Wiring	4%
13 Squirrel	4%
14 Bird	11%
15 Major Storm	4%
16 Line Down	
17 Transformer Fuse Blown	
18 Line Fuse	4%
19 Broke Pole	11%
20 Wind	
21 Load	
22 Planned	15%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

252.78591

10. REPORTING YEAR (SAIDI)

433.7628

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.56006

12. REPORTING YEAR (SAIFI)

1.95662

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1001:

1. SUBSTATION NAME AND NUMBER

10/NORTH ALBANY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1028 Third Street, Albany, KY 42602

3. CIRCUIT NAME AND NUMBER

DOWNTOWN/ #1001

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS DOWNTOWN ALBANY

5. TOTAL CIRCUIT LENGTH (MILES)

12.13

6. CUSTOMER COUNT FOR THIS CIRCUIT

711

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	14%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	29%
14 Bird	
15 Major Storm	
16 Line Down	14%
17 Transformer Fuse Blown	14%
18 Line Fuse	14%
19 Broke Pole	
20 Wind	14%
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

43.83881

10. REPORTING YEAR (SAIDI)

79.23317

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.86656

12. REPORTING YEAR (SAIFI)

1.11392

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1002:

1. SUBSTATION NAME AND NUMBER

10/NORTH ALBANY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1028 Third Street, Albany, KY 42602

3. CIRCUIT NAME AND NUMBER

DUVALL VALLEY / #1002

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS UP OLD MONTICELLO RD.

5. TOTAL CIRCUIT LENGTH (MILES)

51.67

6. CUSTOMER COUNT FOR THIS CIRCUIT

672

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	2%
2 Other Animal	
3 Trees	24%
4 Lightning	6%
5 Car Hit Pole	
6 SOURCE	14%
9 Defective Equipment	
10 Transformer	2%
11 Customer Wiring	2%
13 Squirrel	
14 Bird	6%
15 Major Storm	
16 Line Down	8%
17 Transformer Fuse Blown	18%
18 Line Fuse	6%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	2%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

204.99838

10. REPORTING YEAR (SAIDI)

536.63698

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

6.68177

12. REPORTING YEAR (SAIFI)

29.61161

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1003:

1. SUBSTATION NAME AND NUMBER

10/NORTH ALBANY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1028 Third Street, Albany, KY 42602

3. CIRCUIT NAME AND NUMBER

BURKESVILLE / #1003

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS BURKESVILLE RD.

5. TOTAL CIRCUIT LENGTH (MILES)

20.51

6. CUSTOMER COUNT FOR THIS CIRCUIT

322

7.. DATE OF LAST CIRCUIT TRIM (VM)

2016

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	33%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	16%
16 Line Down	16%
17 Transformer Fuse Blown	16%
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	16%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

50.48471

10. REPORTING YEAR (SAIDI)

58.20378

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.09

12. REPORTING YEAR (SAIFI)

1.43478

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1102:

1. SUBSTATION NAME AND NUMBER

11/SOUTH ALBANY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

235 West Harper Lane, Albany, KY 42602

3. CIRCUIT NAME AND NUMBER

WISDOM DOCK / #1102

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS WISDOM DOCK RD.

5. TOTAL CIRCUIT LENGTH (MILES)

57.92

6. CUSTOMER COUNT FOR THIS CIRCUIT

756

7.. DATE OF LAST CIRCUIT TRIM (VM)

2009

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	53%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	5%
15 Major Storm	5%
16 Line Down	
17 Transformer Fuse Blown	10%
18 Line Fuse	5%
19 Broke Pole	5%
20 Wind	10%
21 Load	
22 Planned	5%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

212.93474

10. REPORTING YEAR (SAIDI)

478.59123

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.79955

12. REPORTING YEAR (SAIFI)

2.71561

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1105:

1. SUBSTATION NAME AND NUMBER

11/SOUTH ALBANY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

235 West Harper Lane, Albany, KY 42602

3. CIRCUIT NAME AND NUMBER

STATIC / #1105

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH ON 127

5. TOTAL CIRCUIT LENGTH (MILES)

57.27

6. CUSTOMER COUNT FOR THIS CIRCUIT

629

7.. DATE OF LAST CIRCUIT TRIM (VM)

2012

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	33%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	11%
14 Bird	15%
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	7%
18 Line Fuse	19%
19 Broke Pole	
20 Wind	7%
21 Load	
22 Planned	7%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

74.53815

10. REPORTING YEAR (SAIDI)

287.20988

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.95666

12. REPORTING YEAR (SAIFI)

3.86804

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1203:

1. SUBSTATION NAME AND NUMBER

12/SEWELLTON

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

44 Highway 55, Jamestown, KY 42629

3. CIRCUIT NAME AND NUMBER

WOLF CREEK DAM / #1203

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS WOLF CREEK DAM

5. TOTAL CIRCUIT LENGTH (MILES)

35.45

6. CUSTOMER COUNT FOR THIS CIRCUIT

459

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	66%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	11%
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	
18 Line Fuse	
19 Broke Pole	22%
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

180.55092

10. REPORTING YEAR (SAIDI)

298.40806

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.76318

12. REPORTING YEAR (SAIFI)

1.71242

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1302:

1. SUBSTATION NAME AND NUMBER

13/ZULA

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

191 HWY 1009 N, Monticello, KY 42653

3. CIRCUIT NAME AND NUMBER

AMERICAN WOODMARK / #1302

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST HWY 90

5. TOTAL CIRCUIT LENGTH (MILES)

14.54

6. CUSTOMER COUNT FOR THIS CIRCUIT

10

7.. DATE OF LAST CIRCUIT TRIM (VM)

2013

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	25%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	8%
14 Bird	8%
15 Major Storm	
16 Line Down	8%
17 Transformer Fuse Blown	50%
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

232.54482

10. REPORTING YEAR (SAIDI)

826.745

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.77433

12. REPORTING YEAR (SAIFI)

6.7

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1303:

1. SUBSTATION NAME AND NUMBER

13/ZULA

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

191 HWY 1009 N, Monticello, KY 42653

3. CIRCUIT NAME AND NUMBER

POWERSBURG / #1303

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH HWY 1009

5. TOTAL CIRCUIT LENGTH (MILES)

86.2

6. CUSTOMER COUNT FOR THIS CIRCUIT

706

7.. DATE OF LAST CIRCUIT TRIM (VM)

2013

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	42%
4 Lightning	3%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	16%
14 Bird	3%
15 Major Storm	3%
16 Line Down	8%
17 Transformer Fuse Blown	8%
18 Line Fuse	3%
19 Broke Pole	3%
20 Wind	11%
21 Load	
22 Planned	3%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

257.45984

10. REPORTING YEAR (SAIDI)

520.83055

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.3988

12. REPORTING YEAR (SAIFI)

5.91076

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1401:

1. SUBSTATION NAME AND NUMBER

14/MONTICELLO

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

422 Hardwood Drive, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

RODGERS GROVE / #1401

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS NORTH ON HWY 833

5. TOTAL CIRCUIT LENGTH (MILES)

19.84

6. CUSTOMER COUNT FOR THIS CIRCUIT

274

7.. DATE OF LAST CIRCUIT TRIM (VM)

2013

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	57%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	
16 Line Down	21%
17 Transformer Fuse Blown	7%
18 Line Fuse	7%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	7%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

105.72998

10. REPORTING YEAR (SAIDI)

121.04927

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.6997

12. REPORTING YEAR (SAIFI)

2.43796

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1503:

1. SUBSTATION NAME AND NUMBER

15/BRONSTON #1

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2373 HWY 790, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

ANTIOCH SHORES / #1503

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS NORTH TOWARD ANTIOCH

5. TOTAL CIRCUIT LENGTH (MILES)

25.18

6. CUSTOMER COUNT FOR THIS CIRCUIT

382

7.. DATE OF LAST CIRCUIT TRIM (VM)

2009

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	26%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	13%
14 Bird	4%
15 Major Storm	
16 Line Down	9%
17 Transformer Fuse Blown	9%
18 Line Fuse	9%
19 Broke Pole	13%
20 Wind	4%
21 Load	
22 Planned	13%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

166.8715

10. REPORTING YEAR (SAIDI)

276.21592

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.52069

12. REPORTING YEAR (SAIFI)

2.74607

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1505:

1. SUBSTATION NAME AND NUMBER

15/BRONSTON #2

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2373 HWY 790, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

WOODSON BEND / #1505

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS WOODSON BEND RESORT

5. TOTAL CIRCUIT LENGTH (MILES)

10.35

6. CUSTOMER COUNT FOR THIS CIRCUIT

138

7.. DATE OF LAST CIRCUIT TRIM (VM)

2009

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

- 1 Unknown Cause
- 2 Other Animal
- 3 Trees **60%**
- 4 Lightning
- 5 Car Hit Pole
- 6 SOURCE
- 9 Defective Equipment
- 10 Transformer
- 11 Customer Wiring
- 13 Squirrel
- 14 Bird
- 15 Major Storm
- 16 Line Down
- 17 Transformer Fuse Blown
- 18 Line Fuse
- 19 Broke Pole
- 20 Wind
- 21 Load **40%**
- 22 Planned

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

29.45726

10. REPORTING YEAR (SAIDI)

79.11763

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.4181

12. REPORTING YEAR (SAIFI)

1.07246

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1507:

1. SUBSTATION NAME AND NUMBER

15/BRONSTON #2

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2373 HWY 790, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

JACKSBORO RD / #1507

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS JACKSBORO RD

5. TOTAL CIRCUIT LENGTH (MILES)

32.24

6. CUSTOMER COUNT FOR THIS CIRCUIT

659

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	39%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	11%
14 Bird	5%
15 Major Storm	5%
16 Line Down	16%
17 Transformer Fuse Blown	16%
18 Line Fuse	5%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

78.78466

10. REPORTING YEAR (SAIDI)

142.4806

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.89142

12. REPORTING YEAR (SAIFI)

2.07587

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1601:

1. SUBSTATION NAME AND NUMBER

16/MT. VICTORY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2444 Old Whitney Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

HWY 192 / #1601

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS 192 & 1003

5. TOTAL CIRCUIT LENGTH (MILES)

73.03

6. CUSTOMER COUNT FOR THIS CIRCUIT

639

7.. DATE OF LAST CIRCUIT TRIM (VM)

2013

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	45%
4 Lightning	
5 Car Hit Pole	2%
6 SOURCE	5%
9 Defective Equipment	
10 Transformer	2%
11 Customer Wiring	
13 Squirrel	
14 Bird	2%
15 Major Storm	2%
16 Line Down	14%
17 Transformer Fuse Blown	5%
18 Line Fuse	
19 Broke Pole	2%
20 Wind	5%
21 Load	
22 Planned	16%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

488.51317

10. REPORTING YEAR (SAIDI)

483.50947

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.29805

12. REPORTING YEAR (SAIFI)

3.51956

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1702:

1. SUBSTATION NAME AND NUMBER

17/WHITLEY CITY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

15 Taylor Road Other, Whitley City, KY 42653

3. CIRCUIT NAME AND NUMBER

HILLTOP / #1702

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS WEST HWY 92

5. TOTAL CIRCUIT LENGTH (MILES)

78.71

6. CUSTOMER COUNT FOR THIS CIRCUIT

462

7.. DATE OF LAST CIRCUIT TRIM (VM)

2017

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	42%
4 Lightning	2%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	4%
15 Major Storm	2%
16 Line Down	2%
17 Transformer Fuse Blown	8%
18 Line Fuse	12%
19 Broke Pole	5%
20 Wind	21%
21 Load	
22 Planned	2%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1055.77249

10. REPORTING YEAR (SAIDI)

3686.80253

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

6.58679

12. REPORTING YEAR (SAIFI)

20.83983

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1704:

1. SUBSTATION NAME AND NUMBER

17/WHITLEY CITY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

15 Taylor Road Other, Whitley City, KY 42653

3. CIRCUIT NAME AND NUMBER

PINE KNOT / #1704

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH HWY 27 TOWARDS PINE KNOT

5. TOTAL CIRCUIT LENGTH (MILES)

12.61

6. CUSTOMER COUNT FOR THIS CIRCUIT

300

7.. DATE OF LAST CIRCUIT TRIM (VM)

2018

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	20%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	6%
11 Customer Wiring	
13 Squirrel	6%
14 Bird	6%
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	40%
18 Line Fuse	20%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

305.26262

10. REPORTING YEAR (SAIDI)

627.52267

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.22445

12. REPORTING YEAR (SAIFI)

3.50333

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1804:

1. SUBSTATION NAME AND NUMBER

18/PINE KNOT

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

245 Pine Tree Road, Pine Knot, KY 42635

3. CIRCUIT NAME AND NUMBER

STRUNK / #1804

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH OF PINE KNOT

5. TOTAL CIRCUIT LENGTH (MILES)

91.73

6. CUSTOMER COUNT FOR THIS CIRCUIT

1480

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	42%
4 Lightning	7%
5 Car Hit Pole	
6 SOURCE	6%
9 Defective Equipment	
10 Transformer	4%
11 Customer Wiring	
13 Squirrel	6%
14 Bird	8%
15 Major Storm	1%
16 Line Down	8%
17 Transformer Fuse Blown	10%
18 Line Fuse	3%
19 Broke Pole	
20 Wind	4%
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

159.36768

10. REPORTING YEAR (SAIDI)

409.38208

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.87636

12. REPORTING YEAR (SAIFI)

4.14189

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1902:

1. SUBSTATION NAME AND NUMBER

19/OAK HILL

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

230 North Nomans Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

GREEN MEADOWS / #1902

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST TOWARDS SOMERSET

5. TOTAL CIRCUIT LENGTH (MILES)

14.5

6. CUSTOMER COUNT FOR THIS CIRCUIT

751

7.. DATE OF LAST CIRCUIT TRIM (VM)

2009

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	31%
4 Lightning	6%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	12%
14 Bird	
15 Major Storm	25%
16 Line Down	
17 Transformer Fuse Blown	6%
18 Line Fuse	12%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	6%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

122.73613

10. REPORTING YEAR (SAIDI)

150.28637

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.51495

12. REPORTING YEAR (SAIFI)

2.05992

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1904:

1. SUBSTATION NAME AND NUMBER

19/OAK HILL

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

230 North Nomans Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

TO GOLDEN HEIGHTS / #1904

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS TOWARDS OAK HILL RD.

5. TOTAL CIRCUIT LENGTH (MILES)

20.32

6. CUSTOMER COUNT FOR THIS CIRCUIT

857

7.. DATE OF LAST CIRCUIT TRIM (VM)

2011

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	46%
4 Lightning	
5 Car Hit Pole	4%
6 SOURCE	4%
9 Defective Equipment	
10 Transformer	7%
11 Customer Wiring	4%
13 Squirrel	15%
14 Bird	4%
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	15%
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

94.02696

10. REPORTING YEAR (SAIDI)

70.44199

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.08854

12. REPORTING YEAR (SAIFI)

1.09918

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2003:

1. SUBSTATION NAME AND NUMBER

20/ASAHI

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1272 HWY 461, Somerset, KY 42503

3. CIRCUIT NAME AND NUMBER

TECHNICAL PARK / #2003

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS ACROSS HWY 461

5. TOTAL CIRCUIT LENGTH (MILES)

6.4

6. CUSTOMER COUNT FOR THIS CIRCUIT

49

7.. DATE OF LAST CIRCUIT TRIM (VM)

2009

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	60%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	20%
16 Line Down	20%
17 Transformer Fuse Blown	
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

62.83632

10. REPORTING YEAR (SAIDI)

71.87619

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.16492

12. REPORTING YEAR (SAIFI)

7.2449

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2005:

1. SUBSTATION NAME AND NUMBER

20/ASAHI

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1272 HWY 461, Somerset, KY 42503

3. CIRCUIT NAME AND NUMBER

ALUMITECH / #2005

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS GATORMADE

5. TOTAL CIRCUIT LENGTH (MILES)

0.45

6. CUSTOMER COUNT FOR THIS CIRCUIT

4

7.. DATE OF LAST CIRCUIT TRIM (VM)

2018

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

- 1 Unknown Cause
- 2 Other Animal
- 3 Trees **100%**
- 4 Lightning
- 5 Car Hit Pole
- 6 SOURCE
- 9 Defective Equipment
- 10 Transformer
- 11 Customer Wiring
- 13 Squirrel
- 14 Bird
- 15 Major Storm
- 16 Line Down
- 17 Transformer Fuse Blown
- 18 Line Fuse
- 19 Broke Pole
- 20 Wind
- 21 Load
- 22 Planned

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

25.96

10. REPORTING YEAR (SAIDI)

11.2

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.93333

12. REPORTING YEAR (SAIFI)

7

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2102:

1. SUBSTATION NAME AND NUMBER

21/WEST SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

160 Patterson Branch Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

WOODRIDGE / #2102

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST ON HWY 80

5. TOTAL CIRCUIT LENGTH (MILES)

19.54

6. CUSTOMER COUNT FOR THIS CIRCUIT

498

7.. DATE OF LAST CIRCUIT TRIM (VM)

2010

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	6%
2 Other Animal	
3 Trees	32%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	13%
14 Bird	25%
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	13%
18 Line Fuse	6%
19 Broke Pole	
20 Wind	6%
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

50.52825

10. REPORTING YEAR (SAIDI)

72.30716

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.76166

12. REPORTING YEAR (SAIFI)

1.8996

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2202:

1. SUBSTATION NAME AND NUMBER

22/SALEM

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1313 S. Highway 76, Russell Springs, Ky 42642

3. CIRCUIT NAME AND NUMBER

TO ONO / #2202

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH ON HWY 76

5. TOTAL CIRCUIT LENGTH (MILES)

51.62

6. CUSTOMER COUNT FOR THIS CIRCUIT

609

7.. DATE OF LAST CIRCUIT TRIM (VM)

2010

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	20%
4 Lightning	5%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	5%
10 Transformer	5%
11 Customer Wiring	5%
13 Squirrel	15%
14 Bird	10%
15 Major Storm	
16 Line Down	5%
17 Transformer Fuse Blown	10%
18 Line Fuse	20%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

24.62829

10. REPORTING YEAR (SAIDI)

29.26606

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.48058

12. REPORTING YEAR (SAIFI)

0.59934

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2203:

1. SUBSTATION NAME AND NUMBER

22/SALEM

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1313 S. Highway 76, Russell Springs, Ky 42642

3. CIRCUIT NAME AND NUMBER

ALLIGATOR / #2203

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH ON HWY 76

5. TOTAL CIRCUIT LENGTH (MILES)

41.16

6. CUSTOMER COUNT FOR THIS CIRCUIT

609

7.. DATE OF LAST CIRCUIT TRIM (VM)

2009

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	41%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	6%
14 Bird	6%
15 Major Storm	
16 Line Down	6%
17 Transformer Fuse Blown	17%
18 Line Fuse	12%
19 Broke Pole	
20 Wind	
21 Load	6%
22 Planned	6%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

185.86025

10. REPORTING YEAR (SAIDI)

170.80419

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.62462

12. REPORTING YEAR (SAIFI)

2.07734

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2302:

1. SUBSTATION NAME AND NUMBER

23/CABIN HOLLOW

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

50 Commerce Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

RUSH BRANCH / #2302

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS RUSH BRANCH RD.

5. TOTAL CIRCUIT LENGTH (MILES)

60.22

6. CUSTOMER COUNT FOR THIS CIRCUIT

694

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	53%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	2%
11 Customer Wiring	
13 Squirrel	2%
14 Bird	2%
15 Major Storm	2%
16 Line Down	2%
17 Transformer Fuse Blown	11%
18 Line Fuse	17%
19 Broke Pole	2%
20 Wind	2%
21 Load	
22 Planned	4%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

274.9179

10. REPORTING YEAR (SAIDI)

384.2165

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.77843

12. REPORTING YEAR (SAIFI)

3.31412

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2303:

1. SUBSTATION NAME AND NUMBER

23/CABIN HOLLOW

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

50 Commerce Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

CEDAR GROVE / #2303

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS ELIHU CABIN HOLLOW RD.

5. TOTAL CIRCUIT LENGTH (MILES)

39.77

6. CUSTOMER COUNT FOR THIS CIRCUIT

536

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	47%
4 Lightning	20%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	13%
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	6%
18 Line Fuse	
19 Broke Pole	6%
20 Wind	
21 Load	
22 Planned	6%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

90.50298

10. REPORTING YEAR (SAIDI)

154.08507

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.61452

12. REPORTING YEAR (SAIFI)

0.91231

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2403:

1. SUBSTATION NAME AND NUMBER

24/SOUTH FLOYD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

355 West Todd Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

TO CIRCLEVILLE / #2403

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST ON HWY 635

5. TOTAL CIRCUIT LENGTH (MILES)

29.4

6. CUSTOMER COUNT FOR THIS CIRCUIT

541

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	37%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	11%
14 Bird	5%
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	16%
18 Line Fuse	
19 Broke Pole	
20 Wind	11%
21 Load	
22 Planned	21%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

34.86019

10. REPORTING YEAR (SAIDI)

37.04686

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.65301

12. REPORTING YEAR (SAIFI)

0.40481

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2405:

1. SUBSTATION NAME AND NUMBER

24/SOUTH FLOYD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

355 West Todd Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

TO BUNCOMBE / #2405

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS NORTH ON HWY 1247

5. TOTAL CIRCUIT LENGTH (MILES)

44.64

6. CUSTOMER COUNT FOR THIS CIRCUIT

512

7.. DATE OF LAST CIRCUIT TRIM (VM)

2017

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	4%
2 Other Animal	
3 Trees	24%
4 Lightning	4%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	4%
11 Customer Wiring	
13 Squirrel	4%
14 Bird	12%
15 Major Storm	8%
16 Line Down	12%
17 Transformer Fuse Blown	20%
18 Line Fuse	4%
19 Broke Pole	
20 Wind	4%
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

86.37677

10. REPORTING YEAR (SAIDI)

150.55947

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.82274

12. REPORTING YEAR (SAIFI)

1.89063

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2504:

1. SUBSTATION NAME AND NUMBER

25/SOUTH OAK HILL

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

78 Ferry Hill Drive, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

TO HEARTLAND PLANTATION / #2504

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST ON FERRY RD.

5. TOTAL CIRCUIT LENGTH (MILES)

7.33

6. CUSTOMER COUNT FOR THIS CIRCUIT

258

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	50%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	13%
18 Line Fuse	
19 Broke Pole	13%
20 Wind	
21 Load	
22 Planned	25%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

107.23409

10. REPORTING YEAR (SAIDI)

292.13585

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.60282

12. REPORTING YEAR (SAIFI)

1.78682

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2505:

1. SUBSTATION NAME AND NUMBER

25/SOUTH OAK HILL

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

78 Ferry Hill Drive, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

TO LAKEWOOD HAVEN / #2505

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST ON FERRY RD.

5. TOTAL CIRCUIT LENGTH (MILES)

7.18

6. CUSTOMER COUNT FOR THIS CIRCUIT

367

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	22%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	11%
11 Customer Wiring	
13 Squirrel	11%
14 Bird	17%
15 Major Storm	6%
16 Line Down	
17 Transformer Fuse Blown	22%
18 Line Fuse	
19 Broke Pole	11%
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

115.78823

10. REPORTING YEAR (SAIDI)

244.85123

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.70027

12. REPORTING YEAR (SAIFI)

1.40599

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2604:

1. SUBSTATION NAME AND NUMBER

26/SNOW

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2694 KY HWY 90 W, Albany, KY 42602

3. CIRCUIT NAME AND NUMBER

TO HWY 1590 / #2604

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH HWY 1590

5. TOTAL CIRCUIT LENGTH (MILES)

51.79

6. CUSTOMER COUNT FOR THIS CIRCUIT

556

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	32%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	4%
11 Customer Wiring	
13 Squirrel	11%
14 Bird	
15 Major Storm	
16 Line Down	7%
17 Transformer Fuse Blown	14%
18 Line Fuse	11%
19 Broke Pole	11%
20 Wind	4%
21 Load	
22 Planned	7%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

122.87783

10. REPORTING YEAR (SAIDI)

224.5476

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.12069

12. REPORTING YEAR (SAIFI)

2.43345

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2702:

1. SUBSTATION NAME AND NUMBER

27/SLAT

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

101 Whispering Pines, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

PARNELL / #2702

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS PARNELL

5. TOTAL CIRCUIT LENGTH (MILES)

102.59

6. CUSTOMER COUNT FOR THIS CIRCUIT

1404

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	35%
4 Lightning	8%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	15%
14 Bird	5%
15 Major Storm	8%
16 Line Down	3%
17 Transformer Fuse Blown	5%
18 Line Fuse	10%
19 Broke Pole	8%
20 Wind	3%
21 Load	
22 Planned	3%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

244.07112

10. REPORTING YEAR (SAIDI)

461.91508

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.80552

12. REPORTING YEAR (SAIFI)

4.22721

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2704:

1. SUBSTATION NAME AND NUMBER

27/SLAT

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

101 Whispering Pines, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

INDUSTRIAL PARK / #2704

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS WEST ON HWY 90

5. TOTAL CIRCUIT LENGTH (MILES)

52.11

6. CUSTOMER COUNT FOR THIS CIRCUIT

557

7.. DATE OF LAST CIRCUIT TRIM (VM)

2016

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	4%
2 Other Animal	
3 Trees	33%
4 Lightning	4%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	15%
14 Bird	4%
15 Major Storm	
16 Line Down	7%
17 Transformer Fuse Blown	22%
18 Line Fuse	4%
19 Broke Pole	
20 Wind	7%
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

152.33384

10. REPORTING YEAR (SAIDI)

105.4605

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.78568

12. REPORTING YEAR (SAIFI)

2.02154

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2804:

1. SUBSTATION NAME AND NUMBER

28/EAST PINE KNOT

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

142 North Clearcreek Road, Whitley City, KY 42653

3. CIRCUIT NAME AND NUMBER

DAVIS HILL / #2804

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST ON HWY 2792

5. TOTAL CIRCUIT LENGTH (MILES)

28.27

6. CUSTOMER COUNT FOR THIS CIRCUIT

315

7.. DATE OF LAST CIRCUIT TRIM (VM)

2017

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	6%
2 Other Animal	
3 Trees	39%
4 Lightning	6%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	3%
11 Customer Wiring	
13 Squirrel	8%
14 Bird	8%
15 Major Storm	3%
16 Line Down	3%
17 Transformer Fuse Blown	6%
18 Line Fuse	8%
19 Broke Pole	
20 Wind	8%
21 Load	
22 Planned	3%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

156.27623

10. REPORTING YEAR (SAIDI)

372.03672

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.49961

12. REPORTING YEAR (SAIFI)

4.3873

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2901:

1. SUBSTATION NAME AND NUMBER

29/CEMETERY ROAD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

43 Parson Road, Waynesburg, KY 40489

3. CIRCUIT NAME AND NUMBER

PARLOR GROVE ROAD / #2901

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS PARLOR GROVE RD.

5. TOTAL CIRCUIT LENGTH (MILES)

59.35

6. CUSTOMER COUNT FOR THIS CIRCUIT

524

7.. DATE OF LAST CIRCUIT TRIM (VM)

2017

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	47%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	6%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	12%
14 Bird	6%
15 Major Storm	6%
16 Line Down	
17 Transformer Fuse Blown	6%
18 Line Fuse	6%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	12%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

348.34829

10. REPORTING YEAR (SAIDI)

455.4195

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.82005

12. REPORTING YEAR (SAIFI)

3.49427

13. CORRECTIVE ACTION PLAN

THIS SUBSTATION IS FED FROM FOREIGN TRANSMISSION

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2902:

1. SUBSTATION NAME AND NUMBER

29/CEMETERY ROAD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

43 Parson Road, Waynesburg, KY 40489

3. CIRCUIT NAME AND NUMBER

WAYNESBURG / #2902

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS TOWARD WAYNESBURG

5. TOTAL CIRCUIT LENGTH (MILES)

49.64

6. CUSTOMER COUNT FOR THIS CIRCUIT

432

7.. DATE OF LAST CIRCUIT TRIM (VM)

2017

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	4%
2 Other Animal	
3 Trees	50%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	4%
9 Defective Equipment	
10 Transformer	4%
11 Customer Wiring	
13 Squirrel	4%
14 Bird	
15 Major Storm	
16 Line Down	8%
17 Transformer Fuse Blown	13%
18 Line Fuse	
19 Broke Pole	8%
20 Wind	4%
21 Load	
22 Planned	4%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

332.98137

10. REPORTING YEAR (SAIDI)

697.07458

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.36474

12. REPORTING YEAR (SAIFI)

3.97454

13. CORRECTIVE ACTION PLAN

THIS SUBSTATION IS FED FROM FOREIGN TRANSMISSION

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3003:

1. SUBSTATION NAME AND NUMBER

30/JAMESTOWN

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

764 S. Main Street, Jamestown, KY 42629

3. CIRCUIT NAME AND NUMBER

PLEASANT HILL / #3003

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST ON HWY 619

5. TOTAL CIRCUIT LENGTH (MILES)

56.2

6. CUSTOMER COUNT FOR THIS CIRCUIT

842

7.. DATE OF LAST CIRCUIT TRIM (VM)

2017

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	51%
4 Lightning	3%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	7%
14 Bird	3%
15 Major Storm	
16 Line Down	3%
17 Transformer Fuse Blown	7%
18 Line Fuse	3%
19 Broke Pole	10%
20 Wind	3%
21 Load	
22 Planned	7%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

92.38949

10. REPORTING YEAR (SAIDI)

112.25865

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.31619

12. REPORTING YEAR (SAIFI)

1.71971

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3101:

1. SUBSTATION NAME AND NUMBER

31/WIBORG

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

162 Beulah Heights Road, Whitley City, KY 42653

3. CIRCUIT NAME AND NUMBER

TO FLATROCK / #3101

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH TOWARDS FLATROCK

5. TOTAL CIRCUIT LENGTH (MILES)

53.69

6. CUSTOMER COUNT FOR THIS CIRCUIT

890

7.. DATE OF LAST CIRCUIT TRIM (VM)

2018

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	35%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	2%
11 Customer Wiring	
13 Squirrel	10%
14 Bird	2%
15 Major Storm	
16 Line Down	18%
17 Transformer Fuse Blown	18%
18 Line Fuse	6%
19 Broke Pole	
20 Wind	4%
21 Load	
22 Planned	6%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

665.68042

10. REPORTING YEAR (SAIDI)

718.6539

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.5859

12. REPORTING YEAR (SAIFI)

4.47303

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3104:

1. SUBSTATION NAME AND NUMBER

31/WIBORG

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

162 Beulah Heights Road, Whitley City, KY 42653

3. CIRCUIT NAME AND NUMBER

BEULAH HEIGHTS / #3104

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS BEULAH HEIGHTS RD. HWY 1045

5. TOTAL CIRCUIT LENGTH (MILES)

66.68

6. CUSTOMER COUNT FOR THIS CIRCUIT

439

7.. DATE OF LAST CIRCUIT TRIM (VM)

2016

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	43%
4 Lightning	3%
5 Car Hit Pole	11%
6 SOURCE	
9 Defective Equipment	
10 Transformer	3%
11 Customer Wiring	
13 Squirrel	11%
14 Bird	3%
15 Major Storm	
16 Line Down	5%
17 Transformer Fuse Blown	14%
18 Line Fuse	3%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	5%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1023.92836

10. REPORTING YEAR (SAIDI)

4169.12365

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

3.95224

12. REPORTING YEAR (SAIFI)

9.10023

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3205:

1. SUBSTATION NAME AND NUMBER

32/NELSON VALLEY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

134 Stilesville Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

RAINBOW TERRACE / #3205

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH ON HWY 39

5. TOTAL CIRCUIT LENGTH (MILES)

14.01

6. CUSTOMER COUNT FOR THIS CIRCUIT

305

7.. DATE OF LAST CIRCUIT TRIM (VM)

2009

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	44%
4 Lightning	
5 Car Hit Pole	11%
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	11%
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	11%
18 Line Fuse	11%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	11%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

64.4505

10. REPORTING YEAR (SAIDI)

107.88448

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.92977

12. REPORTING YEAR (SAIFI)

2.36721

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3303:

1. SUBSTATION NAME AND NUMBER

33/ZOLLICOFFER

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2675 HWY 235, Nancy, KY 42544

3. CIRCUIT NAME AND NUMBER

NORTH TO NANCY / #3303

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS NORTH ON HWY 235

5. TOTAL CIRCUIT LENGTH (MILES)

33.8

6. CUSTOMER COUNT FOR THIS CIRCUIT

431

7.. DATE OF LAST CIRCUIT TRIM (VM)

2009

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	30%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	6%
11 Customer Wiring	
13 Squirrel	
14 Bird	12%
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	17%
18 Line Fuse	6%
19 Broke Pole	6%
20 Wind	
21 Load	
22 Planned	24%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

53.22788

10. REPORTING YEAR (SAIDI)

52.9104

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.66644

12. REPORTING YEAR (SAIFI)

0.7007

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3402:

1. SUBSTATION NAME AND NUMBER

34/GAP OF RIDGE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

71 Power Station Lane, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

CONLEY BOTTOM / #3402

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS TOWARDS MILL SPRINGS ON HWY 1275

5. TOTAL CIRCUIT LENGTH (MILES)

41.05

6. CUSTOMER COUNT FOR THIS CIRCUIT

863

7.. DATE OF LAST CIRCUIT TRIM (VM)

2012

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	5%
2 Other Animal	
3 Trees	53%
4 Lightning	5%
5 Car Hit Pole	
6 SOURCE	2%
9 Defective Equipment	2%
10 Transformer	2%
11 Customer Wiring	2%
13 Squirrel	5%
14 Bird	2%
15 Major Storm	
16 Line Down	2%
17 Transformer Fuse Blown	12%
18 Line Fuse	2%
19 Broke Pole	5%
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

228.09846

10. REPORTING YEAR (SAIDI)

240.73339

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.77908

12. REPORTING YEAR (SAIFI)

2.94554

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3403:

1. SUBSTATION NAME AND NUMBER

34/GAP OF RIDGE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

71 Power Station Lane, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

STEUBENVILLE / #3403

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS WEST ON HWY 90

5. TOTAL CIRCUIT LENGTH (MILES)

19.61

6. CUSTOMER COUNT FOR THIS CIRCUIT

414

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	71%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	4%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	4%
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	
18 Line Fuse	8%
19 Broke Pole	4%
20 Wind	4%
21 Load	4%
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

74.74355

10. REPORTING YEAR (SAIDI)

101.27822

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.1091

12. REPORTING YEAR (SAIFI)

1.76329

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3405:

1. SUBSTATION NAME AND NUMBER

34/GAP OF RIDGE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

71 Power Station Lane, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

BETSY / #3405

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST ON HWY 90

5. TOTAL CIRCUIT LENGTH (MILES)

73.28

6. CUSTOMER COUNT FOR THIS CIRCUIT

825

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	2%
2 Other Animal	
3 Trees	38%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	2%
9 Defective Equipment	
10 Transformer	5%
11 Customer Wiring	
13 Squirrel	16%
14 Bird	7%
15 Major Storm	
16 Line Down	2%
17 Transformer Fuse Blown	5%
18 Line Fuse	12%
19 Broke Pole	2%
20 Wind	2%
21 Load	2%
22 Planned	2%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

305.21549

10. REPORTING YEAR (SAIDI)

861.09558

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.18427

12. REPORTING YEAR (SAIFI)

3.92848

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3502:

1. SUBSTATION NAME AND NUMBER

35/UPCHURCH

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

594 Wray Ridge Road, Albany, KY 42602

3. CIRCUIT NAME AND NUMBER

CC INDUSTRIAL PARK / #3502

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST ON HWY 90

5. TOTAL CIRCUIT LENGTH (MILES)

72.61

6. CUSTOMER COUNT FOR THIS CIRCUIT

824

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	33%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	5%
11 Customer Wiring	
13 Squirrel	7%
14 Bird	2%
15 Major Storm	2%
16 Line Down	7%
17 Transformer Fuse Blown	16%
18 Line Fuse	12%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	16%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

137.58222

10. REPORTING YEAR (SAIDI)

125.05121

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.26236

12. REPORTING YEAR (SAIFI)

2.15777

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3601:

1. SUBSTATION NAME AND NUMBER

36/WEBBS CROSSROADS

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2925 N. Highway 127, Russell Springs, KY 42642

3. CIRCUIT NAME AND NUMBER

DECATUR / #3601

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS NORTH ON 127

5. TOTAL CIRCUIT LENGTH (MILES)

27.7

6. CUSTOMER COUNT FOR THIS CIRCUIT

297

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	7%
2 Other Animal	
3 Trees	36%
4 Lightning	7%
5 Car Hit Pole	
6 SOURCE	7%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	14%
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	7%
18 Line Fuse	14%
19 Broke Pole	
20 Wind	7%
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

105.84174

10. REPORTING YEAR (SAIDI)

49.594

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.65797

12. REPORTING YEAR (SAIFI)

0.75421

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3603:

1. SUBSTATION NAME AND NUMBER

36/WEBBS CROSSROADS

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2925 N. Highway 127, Russell Springs, KY 42642

3. CIRCUIT NAME AND NUMBER

OWENSTOWN SCHOOL RD. / #3603

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH ON 127

5. TOTAL CIRCUIT LENGTH (MILES)

26.24

6. CUSTOMER COUNT FOR THIS CIRCUIT

614

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	38%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	13%
14 Bird	6%
15 Major Storm	
16 Line Down	6%
17 Transformer Fuse Blown	19%
18 Line Fuse	6%
19 Broke Pole	
20 Wind	6%
21 Load	
22 Planned	6%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

23.89534

10. REPORTING YEAR (SAIDI)

25.19818

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.31481

12. REPORTING YEAR (SAIFI)

0.4316

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3702:

1. SUBSTATION NAME AND NUMBER

37/WOODSTOCK

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

12472 HWY. 39, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

OCALA RD. / #3702

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS SOUTH ON HWY 39

5. TOTAL CIRCUIT LENGTH (MILES)

45.61

6. CUSTOMER COUNT FOR THIS CIRCUIT

413

7.. DATE OF LAST CIRCUIT TRIM (VM)

2013

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	33%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	13%
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	21%
18 Line Fuse	4%
19 Broke Pole	4%
20 Wind	
21 Load	
22 Planned	25%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

107.31074

10. REPORTING YEAR (SAIDI)

256.73039

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.21853

12. REPORTING YEAR (SAIFI)

2.88862

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3703:

1. SUBSTATION NAME AND NUMBER

37/WOODSTOCK

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

12472 HWY. 39, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

CHARLES ELGIN / #3703

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS CHARLES ELGIN RD.

5. TOTAL CIRCUIT LENGTH (MILES)

12.23

6. CUSTOMER COUNT FOR THIS CIRCUIT

122

7.. DATE OF LAST CIRCUIT TRIM (VM)

2013

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	75%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	25%
16 Line Down	
17 Transformer Fuse Blown	
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

20.54442

10. REPORTING YEAR (SAIDI)

57.64604

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.29084

12. REPORTING YEAR (SAIFI)

0.87705

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3704:

1. SUBSTATION NAME AND NUMBER

37/WOODSTOCK

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

12472 HWY. 39, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

BANDY / #3704

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS NORTH HWY 39

5. TOTAL CIRCUIT LENGTH (MILES)

91.34

6. CUSTOMER COUNT FOR THIS CIRCUIT

891

7.. DATE OF LAST CIRCUIT TRIM (VM)

2013

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	50%
4 Lightning	3%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	3%
11 Customer Wiring	
13 Squirrel	6%
14 Bird	6%
15 Major Storm	
16 Line Down	17%
17 Transformer Fuse Blown	3%
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	14%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

418.80261

10. REPORTING YEAR (SAIDI)

1086.2688

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.9113

12. REPORTING YEAR (SAIFI)

5.78114

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3801:

1. SUBSTATION NAME AND NUMBER

38/HOMESTEAD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

93 Rankin Street, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

BELDENS / #3801

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS HOMESTEAD HEIGHTS

5. TOTAL CIRCUIT LENGTH (MILES)

4.75

6. CUSTOMER COUNT FOR THIS CIRCUIT

51

7.. DATE OF LAST CIRCUIT TRIM (VM)

2012

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	
16 Line Down	33%
17 Transformer Fuse Blown	
18 Line Fuse	33%
19 Broke Pole	
20 Wind	33%
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

339.2776

10. REPORTING YEAR (SAIDI)

1161.70556

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

6.33159

12. REPORTING YEAR (SAIFI)

27.62745

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3805:

1. SUBSTATION NAME AND NUMBER

38/HOMESTEAD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

93 Rankin Street, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

COLUMBIA AVENUE / #3805

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS COLUMBIA AVENUE

5. TOTAL CIRCUIT LENGTH (MILES)

18.56

6. CUSTOMER COUNT FOR THIS CIRCUIT

107

7.. DATE OF LAST CIRCUIT TRIM (VM)

2016

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	38%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	13%
14 Bird	
15 Major Storm	13%
16 Line Down	
17 Transformer Fuse Blown	13%
18 Line Fuse	19%
19 Broke Pole	
20 Wind	
21 Load	6%
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

492.0044

10. REPORTING YEAR (SAIDI)

1346.45467

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

6.07745

12. REPORTING YEAR (SAIFI)

13.2243

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3902:

1. SUBSTATION NAME AND NUMBER

39/JABEZ

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

57 Red Oak Drive, Nancy, KY 42544

3. CIRCUIT NAME AND NUMBER

4H CAMP / #3902

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS TOWARDS THE 4H CAMP ON SOUTH HWY 196

5. TOTAL CIRCUIT LENGTH (MILES)

25.55

6. CUSTOMER COUNT FOR THIS CIRCUIT

281

7.. DATE OF LAST CIRCUIT TRIM (VM)

2018

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	62%
4 Lightning	8%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	8%
18 Line Fuse	23%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

193.62154

10. REPORTING YEAR (SAIDI)

381.06115

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.98145

12. REPORTING YEAR (SAIFI)

1.13523

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3904:

1. SUBSTATION NAME AND NUMBER

39/JABEZ

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

57 Red Oak Drive, Nancy, KY 42544

3. CIRCUIT NAME AND NUMBER

COOKS CHAPEL / #3904

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS EAST HWY 196

5. TOTAL CIRCUIT LENGTH (MILES)

41.12

6. CUSTOMER COUNT FOR THIS CIRCUIT

692

7.. DATE OF LAST CIRCUIT TRIM (VM)

2010

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	38%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	9%
11 Customer Wiring	
13 Squirrel	4%
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	9%
18 Line Fuse	4%
19 Broke Pole	4%
20 Wind	
21 Load	
22 Planned	33%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

259.52168

10. REPORTING YEAR (SAIDI)

248.1585

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.31114

12. REPORTING YEAR (SAIFI)

3.49566

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #4004:

1. SUBSTATION NAME AND NUMBER

40/GREGORY ROAD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

5540 HWY 776, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

ELK RIDGE / #4004

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)

FEEDS WEST ON HWY 776

5. TOTAL CIRCUIT LENGTH (MILES)

21.47

6. CUSTOMER COUNT FOR THIS CIRCUIT

269

7.. DATE OF LAST CIRCUIT TRIM (VM)

2012

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

1 Unknown Cause	
2 Other Animal	
3 Trees	55%
4 Lightning	
5 Car Hit Pole	9%
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	9%
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	18%
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	9%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

125.83646

10. REPORTING YEAR (SAIDI)

144.76859

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.82533

12. REPORTING YEAR (SAIFI)

1.48327

13. CORRECTIVE ACTION PLAN