

March 26, 2026

Executive Director  
Public Service Commission  
P.O. Box 615  
Frankfort, KY 40602-0615

Dear Executive Director:

Enclosed is Fleming Mason Energy's Reliability Report for the calendar year of 2025 requested by the Public Service Commission's Order dated May 30, 2013 for Case No. 2011-00450.

If you have any questions or comments, please contact the office at, 1-800-464-3144 or by email at [bhunt@fme.coop](mailto:bhunt@fme.coop).

Sincerely,



Brandon Hunt, P.E.  
President/CEO

# KENTUCKY PUBLIC SERVICE COMMISSION

## Electric Distribution Utility Annual Reliability Report

### SECTION 1: CONTACT INFORMATION

UTILITY NAME	FLEMING MASON ENERGY
REPORT PREPARED BY	BRANDON HUNT
E-MAIL ADDRESS OF PREPARER	<a href="mailto:bhunt@fme.coop">bhunt@fme.coop</a>
PHONE NUMBER OF PREPARER	606-845-2661

### SECTION 2: REPORTING YEAR

CALENDAR YEAR OF REPORT	2025
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### SECTION 3: MAJOR EVENT DAYS (MED)

$T_{MED}$	14.6
FIRST DATE USED TO DETERMINE $T_{MED}$	1/1/2020
LAST DATE USED TO DETERMINE $T_{MED}$	12/31/2024
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	<u>26,386</u>	TOTAL CIRCUITS	<u>47</u>
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#### Excluding MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>165.03</u>	SAIDI	<u>176.68</u>
SAIFI	<u>1.11</u>	SAIFI	<u>1.28</u>

#### Including MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>418.92</u>	SAIDI	<u>199.26</u>
SAIFI	<u>1.54</u>	SAIFI	<u>1.32</u>

#### Notes:

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

# 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  
**Sharkey**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**KY 801, Rowan, Farmers**
3. CIRCUIT NAME AND NUMBER  
**801/Farmers. OCR 224**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**KY 801, Farmers**
5. TOTAL CIRCUIT LENGTH (MILES)  
**46.1**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**804**
7. DATE OF LAST CIRCUIT TRIM (VM)  
**2024**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>38%</b>	<b>Tree w/ wind</b>	<b>3%</b>	<b>Weather, other</b>	<b>53%</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ Ice</b>	<b>0</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>0</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>3%</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>1%</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>0</b>	<b>Cause Unknown</b>	<b>1%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**56.76**
10. REPORTING YEAR (SAIDI)  
**198.25**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.45**
12. REPORTING YEAR (SAIFI)  
**1.3**
13. CORRECTIVE ACTION PLAN

**Weather was the largest cause along with equipment failure. Will investigate both and mo**

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

# 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  
**Murphysville**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Mason County, Murphysville**
3. CIRCUIT NAME AND NUMBER  
**Barrett Pike**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Barrett Pike, KY-9**
5. TOTAL CIRCUIT LENGTH (MILES)  
**24.4**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**169**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2023**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>4%</b>	<b>Tree w/ wind</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ Ice</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>Motor Vehicle</b>	<b>83%</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>Fire</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>Other</b>	<b>0</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>Cause Unknown</b>	<b>3%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**6.91**
10. REPORTING YEAR (SAIDI)  
**9.91**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.041**
12. REPORTING YEAR (SAIFI)  
**0.092**
13. CORRECTIVE ACTION PLAN

**Vehicle accident was largest cause.**

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

# 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  
**Hilda 2**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Rowan County, KY 377**
3. CIRCUIT NAME AND NUMBER  
**Cranston**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Morehead, KY 377**
5. TOTAL CIRCUIT LENGTH (MILES)  
**63.9**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**789**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2018**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>0</b>	<b>Tree Failure</b>	<b>6%</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>82%</b>	<b>Ice</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>3%</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>1%</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>0</b>
<b>Tree growth</b>	<b>5%</b>	<b>Small Animal</b>	<b>0</b>	<b>Cause Unknown</b>	<b>2%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**44.27**
10. REPORTING YEAR (SAIDI)  
**188.95**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.389**
12. REPORTING YEAR (SAIFI)  
**0.837**
13. CORRECTIVE ACTION PLAN

**Largest causes were trees. Right of way due to be cut in 2026.**

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

# 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  
**Snow Hill**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Robertson County, Snow Hill**
3. CIRCUIT NAME AND NUMBER  
**Doyle Pike**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Alhambra, Blue Lick Rd**
5. TOTAL CIRCUIT LENGTH (MILES)  
**49.5**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**279**
7. DATE OF LAST CIRCUIT TRIM (VM)  
**2022**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>7%</b>	<b>Tree Failure</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ Ice</b>	<b>0</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>2%</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>3%</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>41%</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>5%</b>
<b>Tree W/ wind</b>	<b>32%</b>	<b>Small Animal</b>	<b>8%</b>	<b>Cause Unknown</b>	<b>3%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**14.81**
10. REPORTING YEAR (SAIDI)  
**56.8**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.176**
12. REPORTING YEAR (SAIFI)  
**0.456**
13. CORRECTIVE ACTION PLAN

**Lightning and trees with wind are the largest cause. Located on top of a ridge, will investigate.**

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

# 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  
**Snow Hill**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Robertson County, Piqua, KY 165**
3. CIRCUIT NAME AND NUMBER  
**Fairview**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Fairview, KY 165**
5. TOTAL CIRCUIT LENGTH (MILES)  
**45.2**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**449**
7. DATE OF LAST CIRCUIT TRIM (VM)  
**2022**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>0</b>	<b>Tree Failure</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ Wind</b>	<b>0</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>95%</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>1%</b>	<b>Public Other</b>	<b>2%</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>0</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>0</b>	<b>Cause Unknown</b>	<b>0</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**20.57**
10. REPORTING YEAR (SAIDI)  
**77.14**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.25**
12. REPORTING YEAR (SAIFI)  
**0.33**
13. CORRECTIVE ACTION PLAN

**Tree out of right of way was largest cause. Will monitor.**

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

# 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  
**Sharkey**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Rowan County, KY 801, Sharkey**
3. CIRCUIT NAME AND NUMBER  
**Family Dollar**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Sharkey, MMRC Park**
5. TOTAL CIRCUIT LENGTH (MILES)  
**1.2**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**9**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**N/A**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>0</b>	<b>Tree W/ Wind</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree Failure</b>	<b>0</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>Dead Ash Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>0</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>0</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Ice, sleet, not trees</b>	<b>100%</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>0</b>	<b>Cause Unknown</b>	<b>0</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**0.26**
10. REPORTING YEAR (SAIDI)  
**0.326**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.0025**
12. REPORTING YEAR (SAIFI)  
**0.0033**
13. CORRECTIVE ACTION PLAN

**UG circuit with one outage.**

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

# 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  
**Maysville**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Mason County, US 68, Maysville**
3. CIRCUIT NAME AND NUMBER  
**Federal Mogul**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Maysville, KY 9**
5. TOTAL CIRCUIT LENGTH (MILES)  
**6.2**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**67**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2022**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>0</b>	<b>Tree W/ Wind</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ Ice</b>	<b>0</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>Tree Failure</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>0</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>0</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Weather, other</b>	<b>97%</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>0</b>	<b>Cause Unknown</b>	<b>3%</b>
9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**1.67**
10. REPORTING YEAR (SAIDI)  
**1.54**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.0166**
12. REPORTING YEAR (SAIFI)  
**0.0275**
13. CORRECTIVE ACTION PLAN

**Weather was main cause. Will investigate.**

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

# 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  
**Peasticks**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Bath County, Peasticks Rd**
3. CIRCUIT NAME AND NUMBER  
**Hart Pike**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Peasticks, Hart Pike**
5. TOTAL CIRCUIT LENGTH (MILES)  
**27.1**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**220**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2020**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ Ice</b>	<b>0</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>Tree Failure</b>	<b>1%</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>0</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>0</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Fire</b>	<b>16%</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>0</b>	<b>Cause Unknown</b>	<b>82%</b>
9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**6.4**
10. REPORTING YEAR (SAIDI)  
**20.99**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.061**
12. REPORTING YEAR (SAIFI)  
**0.127**
13. CORRECTIVE ACTION PLAN

**Cause unknown, will investigate. Small outage numbers.**

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

# 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

**Charters**

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

**Lewis County, Charters**

3. CIRCUIT NAME AND NUMBER

**Herron Hill**

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

**Charters, Herron Hill**

5. TOTAL CIRCUIT LENGTH (MILES)

**117**

6. CUSTOMER COUNT FOR THIS CIRCUIT

**928**

7.. DATE OF LAST CIRCUIT TRIM (VM)

**2025**

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

<b>Equipment Failure</b>	<b>12%</b>	<b>Tree Failure</b>	<b>4%</b>	<b>Weather</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ Wind</b>	<b>0</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>Tree OOR</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>2%</b>	<b>Public Cut Tree</b>	<b>1%</b>
<b>Decay/Age Equip</b>	<b>1%</b>	<b>Lightning</b>	<b>19%</b>	<b>Public Other</b>	<b>1%</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>0</b>
<b>Tree Growth</b>	<b>9%</b>	<b>Small Animal</b>	<b>1%</b>	<b>Cause Unknown</b>	<b>49%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

**32.05**

10. REPORTING YEAR (SAIDI)

**22.43**

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

**0.2422**

12. REPORTING YEAR (SAIFI)

**0.2716**

13. CORRECTIVE ACTION PLAN

**Trees and lightning were main causes. Right of way cleared in 2025. Will investigate.**

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

# 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  
**Big Woods**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Rowan County, KY 32, Big Woods**
3. CIRCUIT NAME AND NUMBER  
**Hickory Pointe**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**KY 32, Morehead**
5. TOTAL CIRCUIT LENGTH (MILES)  
**41.7**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**916**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2024**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>14%</b>	<b>Tree Failure</b>	<b>63%</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree growth</b>	<b>1%</b>	<b>Cust Caused</b>	<b>6%</b>
<b>Conductor Sag</b>	<b>0</b>	<b>Weather</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>2%</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>1%</b>	<b>Public Other</b>	<b>2%</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>0</b>
<b>Tree w/ Wind</b>	<b>6%</b>	<b>Small Animal</b>	<b>5%</b>	<b>Cause Unknown</b>	<b>1%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**56.88**
10. REPORTING YEAR (SAIDI)  
**90.14**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.44**
12. REPORTING YEAR (SAIFI)  
**0.9**
13. CORRECTIVE ACTION PLAN

**Tree Failure was largest cause. Usually storm related but will montior.**

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

# 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

**Flemingsburg**

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

**Fleming County, Elizaville Avenue, Flemingsburg**

3. CIRCUIT NAME AND NUMBER

**Hospital**

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

**Flemingsburg, KY 57**

5. TOTAL CIRCUIT LENGTH (MILES)

**5**

6. CUSTOMER COUNT FOR THIS CIRCUIT

**166**

7.. DATE OF LAST CIRCUIT TRIM (VM)

**2020**

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

<b>Equipment Failure</b>	<b>1%</b>	<b>Tree Growth</b>	<b>5%</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree Failure</b>	<b>0</b>	<b>Cust Caused</b>	<b>2%</b>
<b>Conductor Sag</b>	<b>23%</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>0</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>17%</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>2%</b>
<b>Tree w/ wind</b>	<b>0</b>	<b>Small Animal</b>	<b>1%</b>	<b>Cause Unknown</b>	<b>51%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

**5.65**

10. REPORTING YEAR (SAIDI)

**4.19**

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

**0.056**

12. REPORTING YEAR (SAIFI)

**0.066**

13. CORRECTIVE ACTION PLAN

**Short circuit with small outage numbers. Conductor sag was largest cause. Will investigate.**

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

# 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  
**Big Woods**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Rowan County, KY 32, Morehead**
3. CIRCUIT NAME AND NUMBER  
**KY 158**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Big Woods, KY 158**
5. TOTAL CIRCUIT LENGTH (MILES)  
**21.5**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**340**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2024**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>0</b>	<b>Tree Failure</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ Ice</b>	<b>0</b>	<b>Cust Caused</b>	<b>1%</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>0</b>	<b>Public Cut Tree</b>	<b>1%</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>7%</b>	<b>Public Other</b>	<b>5%</b>
<b>Tree Growth</b>	<b>16%</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>0</b>
<b>Tree w/ wind</b>	<b>64%</b>	<b>Small Animal</b>	<b>0</b>	<b>Cause Unknown</b>	<b>6%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**8.39**
10. REPORTING YEAR (SAIDI)  
**21.13**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.05**
12. REPORTING YEAR (SAIFI)  
**0.14**
13. CORRECTIVE ACTION PLAN

**Trees with wind. Likely during storms but will monitor ROW.**

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

# 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  
**Big Woods**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Rowan County, KY 32**
3. CIRCUIT NAME AND NUMBER  
**Maxey Flat**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Morehead, KY 32, Maxey Flat Rd**
5. TOTAL CIRCUIT LENGTH (MILES)  
**12.4**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**207**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2024**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>74%</b>	<b>Tree Failure</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>17%</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>0</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>1%</b>	<b>Lightning</b>	<b>3%</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>0</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>1%</b>	<b>Cause Unknown</b>	<b>4%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**2.5**
10. REPORTING YEAR (SAIDI)  
**20.45**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.035**
12. REPORTING YEAR (SAIFI)  
**0.175**
13. CORRECTIVE ACTION PLAN

**Mostly equipment related outage. Will investigate.**

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

# 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  
**Plummers Landing**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Fleming County, KY 32**
3. CIRCUIT NAME AND NUMBER  
**Muses Mill**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Muses Mill, KY 1013**
5. TOTAL CIRCUIT LENGTH (MILES)  
**70.7**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**484**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2019**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>0</b>	<b>Tree Failure</b>	<b>1%</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>5%</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>50%</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>3%</b>	<b>Lightning</b>	<b>4%</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>0</b>
<b>Tree Growth</b>	<b>13%</b>	<b>Small Animal</b>	<b>1%</b>	<b>Cause Unknown</b>	<b>23%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**67.36**
10. REPORTING YEAR (SAIDI)  
**67.16**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.44**
12. REPORTING YEAR (SAIFI)  
**0.49**
13. CORRECTIVE ACTION PLAN

**Trees were the main causes. Right of way due to be cut in 2027. Will monitor.**

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

# 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

**Peasticks**

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

**Bath County, Peasticks**

3. CIRCUIT NAME AND NUMBER

**Sharpsburg**

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

**KY 36, Sharpsburg**

5. TOTAL CIRCUIT LENGTH (MILES)

**149.3**

6. CUSTOMER COUNT FOR THIS CIRCUIT

**948**

7.. DATE OF LAST CIRCUIT TRIM (VM)

**2019**

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

<b>Equipment Failure</b>	<b>53%</b>	<b>Tree Failure</b>	<b>12%</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>11%</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>0</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>3%</b>	<b>Lightning</b>	<b>5%</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>2%</b>	<b>Other</b>	<b>5%</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>2%</b>	<b>Cause Unknown</b>	<b>7%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

**59.84**

10. REPORTING YEAR (SAIDI)

**83.45**

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

**0.31**

12. REPORTING YEAR (SAIFI)

**0.78**

13. CORRECTIVE ACTION PLAN

**Mix of equipment failure and tree related causes. Right of way due to be cut in 2027. Will investigate and monitor.**

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

# 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

**Oak Ridge**

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

**Lewis County, Oak Ridge Rd**

3. CIRCUIT NAME AND NUMBER

**Petersville**

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

**KY 59, Petersville Rd**

5. TOTAL CIRCUIT LENGTH (MILES)

**32.4**

6. CUSTOMER COUNT FOR THIS CIRCUIT

**169**

7.. DATE OF LAST CIRCUIT TRIM (VM)

**2025**

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

<b>Equipment Failure</b>	<b>1%</b>	<b>Tree Failure</b>	<b>8%</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>0</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>75%</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>3%</b>	<b>Public Other</b>	<b>0</b>
<b>Ice</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>0</b>
<b>Tree Growth</b>	<b>10%</b>	<b>Small Animal</b>	<b>0</b>	<b>Cause Unknown</b>	<b>4%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

**25.5**

10. REPORTING YEAR (SAIDI)

**53.82**

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

**0.13**

12. REPORTING YEAR (SAIFI)

**0.4**

13. CORRECTIVE ACTION PLAN

**Trees were the main cause. Right of way was cut this year. Will continue to monitor.**

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

#NAME?

# 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

**Hillsboro**

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

**Fleming County, KY 111, Hillsboro**

3. CIRCUIT NAME AND NUMBER

**Poplar Plains**

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

**Poplar Plains Rd**

5. TOTAL CIRCUIT LENGTH (MILES)

**71.3**

6. CUSTOMER COUNT FOR THIS CIRCUIT

**430**

7.. DATE OF LAST CIRCUIT TRIM (VM)

**2018**

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

<b>Equipment Failure</b>	<b>2%</b>	<b>Tree Failure</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>25%</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>1%</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>37%</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>14%</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>16%</b>
<b>Tree Growth</b>	<b>1%</b>	<b>Small Animal</b>	<b>4%</b>	<b>Cause Unknown</b>	<b>1%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

**26.92**

10. REPORTING YEAR (SAIDI)

**9.22**

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

**0.05**

12. REPORTING YEAR (SAIFI)

**0.34**

13. CORRECTIVE ACTION PLAN

**Trees were the main cause. Due to be cut in 2026. Will monitor.**

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

# 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  
**Hillsboro**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Fleming County, KY 111, Hillsboro**
3. CIRCUIT NAME AND NUMBER  
**Ringos**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**KY 158, Ringos**
5. TOTAL CIRCUIT LENGTH (MILES)  
**32.3**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**252**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2019**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>67%</b>	<b>Tree Failure</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>9%</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>20%</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>2%</b>	<b>Public Other</b>	<b>1%</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>0</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>0</b>	<b>Cause Unknown</b>	<b>0</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**5.42**
10. REPORTING YEAR (SAIDI)  
**57.2**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.04**
12. REPORTING YEAR (SAIFI)  
**0.06**
13. CORRECTIVE ACTION PLAN

**Equipment failure and tree related outages were the main cause. Right of way due to be cut in 2026. Will investigate and monitor.**

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

# 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  
**Sharkey**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Rowan County, Sharkey**
3. CIRCUIT NAME AND NUMBER  
**Sharkey**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**KY 801, Sharkey**
5. TOTAL CIRCUIT LENGTH (MILES)  
**40.6**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**580**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2024**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>1%</b>	<b>Tree Failure</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>34%</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>Weather</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>49%</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>2%</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>0</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>6%</b>	<b>Cause Unknown</b>	<b>7%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**30.73**
10. REPORTING YEAR (SAIDI)  
**31.48**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.3**
12. REPORTING YEAR (SAIFI)  
**0.15**
13. CORRECTIVE ACTION PLAN

**Trees were largest cause. Recently cut right of way. Will monitor.**

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

# 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  
**Hillsboro**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Fleming County, Hillsboro**
3. CIRCUIT NAME AND NUMBER  
**Sherburne**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Sunset-Locust Rd, Sherburne**
5. TOTAL CIRCUIT LENGTH (MILES)  
**123.4**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**573**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2018**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>0</b>	<b>Tree Failure</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>0</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>11%</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>12%</b>	<b>Public Other</b>	<b>53%</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Weather, other</b>	<b>4%</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>2%</b>	<b>Cause Unknown</b>	<b>17%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**27.41**
10. REPORTING YEAR (SAIDI)  
**59.65**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.16**
12. REPORTING YEAR (SAIFI)  
**0.26**
13. CORRECTIVE ACTION PLAN

**Mostly public caused outage. Will investigate.**

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

# 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  
**Murphysville**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Mason County, Murphysville**
3. CIRCUIT NAME AND NUMBER  
**Stone Wall**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Stonewall**
5. TOTAL CIRCUIT LENGTH (MILES)  
**212.2**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**1463**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2021**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>12%</b>	<b>Tree Failure</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>9%</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>1%</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>8%</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>16%</b>	<b>Lightning</b>	<b>30%</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>9%</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>1%</b>	<b>Cause Unknown</b>	<b>14%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**181.66**
10. REPORTING YEAR (SAIDI)  
**209.1**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**1.14**
12. REPORTING YEAR (SAIFI)  
**1.65**
13. CORRECTIVE ACTION PLAN

**Trees and lightning were largest causes. Likely due to storm. Will monitor equipment failure/aging.**

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

# 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  
**Flemingsburg**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Fleming County, Flemingsburg**
3. CIRCUIT NAME AND NUMBER  
**Tilton**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Tilton, KY 11**
5. TOTAL CIRCUIT LENGTH (MILES)  
**80.4**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**644**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2020**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>1%</b>	<b>Tree Failure</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>43%</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>0</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>2%</b>	<b>Lightning</b>	<b>23%</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Other</b>	<b>0</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>29%</b>	<b>Cause Unknown</b>	<b>3%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**15.38**
10. REPORTING YEAR (SAIDI)  
**29.34**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.17**
12. REPORTING YEAR (SAIFI)  
**0.34**
13. CORRECTIVE ACTION PLAN

**Trees with wind main cause. Will monitor right of way.**

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

# 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  
**Rectorville**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Lewis County, Rectorville**
3. CIRCUIT NAME AND NUMBER  
**Tollesboro**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**AA Hwy, Tollesboro**
5. TOTAL CIRCUIT LENGTH (MILES)  
**68.7**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**985**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2024**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>25%</b>	<b>Tree Failure</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>0</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>10%</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>0</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>2%</b>	<b>Lightning</b>	<b>49%</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>0</b>	<b>Ice, sleet, not trees</b>	<b>5%</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>9%</b>	<b>Cause Unknown</b>	<b>0</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**10.29**
10. REPORTING YEAR (SAIDI)  
**82.97**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.11**
12. REPORTING YEAR (SAIFI)  
**0.77**
13. CORRECTIVE ACTION PLAN

**Lightning was main cause, likely during storm. Will monitor equipment failure.**

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

# 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  
**Flemingsburg**
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)  
**Fleming County, Energy Rd**
3. CIRCUIT NAME AND NUMBER  
**Toyo Seat**
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)  
**Flemingsburg, KY 11**
5. TOTAL CIRCUIT LENGTH (MILES)  
**10.4**
6. CUSTOMER COUNT FOR THIS CIRCUIT  
**88**
- 7.. DATE OF LAST CIRCUIT TRIM (VM)  
**2020**
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS REPRESENTED BY EACH CAUSE

<b>Equipment Failure</b>	<b>1%</b>	<b>Tree Failure</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>0</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>0</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>0</b>	<b>Public Cut Tree</b>	<b>3%</b>
<b>Decay/Age Equip</b>	<b>0</b>	<b>Lightning</b>	<b>0</b>	<b>Public Other</b>	<b>0</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>Wind</b>	<b>76%</b>	<b>Other</b>	<b>0</b>
<b>Tree Growth</b>	<b>0</b>	<b>Small Animal</b>	<b>6%</b>	<b>Cause Unknown</b>	<b>14%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)  
**2.05**
10. REPORTING YEAR (SAIDI)  
**11.27**
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)  
**0.02**
12. REPORTING YEAR (SAIFI)  
**0.1**
13. CORRECTIVE ACTION PLAN

**Wind was largest cause. Small outage number. Will investigate.**

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

# 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

**Charters**

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

**Lewis County, Charters, AA Hwy**

3. CIRCUIT NAME AND NUMBER

**Vanceburg**

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

**AA Hwy, Vanceburg**

5. TOTAL CIRCUIT LENGTH (MILES)

**170.1**

6. CUSTOMER COUNT FOR THIS CIRCUIT

**1372**

7.. DATE OF LAST CIRCUIT TRIM (VM)

**2023**

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

<b>Equipment Failure</b>	<b>1%</b>	<b>Tree Failure</b>	<b>0</b>	<b>Animal</b>	<b>0</b>
<b>Installation Fault</b>	<b>0</b>	<b>Tree w/ wind</b>	<b>8%</b>	<b>Cust Caused</b>	<b>0</b>
<b>Conductor Sag</b>	<b>0</b>	<b>In-house Tree</b>	<b>0</b>	<b>Motor Vehicle</b>	<b>69%</b>
<b>Overload</b>	<b>0</b>	<b>Tree out of ROW</b>	<b>4%</b>	<b>Public Cut Tree</b>	<b>0</b>
<b>Decay/Age Equip</b>	<b>1%</b>	<b>Lightning</b>	<b>8%</b>	<b>Public Other</b>	<b>1%</b>
<b>Corrosion/Abrasion</b>	<b>0</b>	<b>weather</b>	<b>0</b>	<b>Other</b>	<b>1%</b>
<b>Tree Growth</b>	<b>5%</b>	<b>Small Animal</b>	<b>0</b>	<b>Cause Unknown</b>	<b>3%</b>

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

**135.66**

10. REPORTING YEAR (SAIDI)

**281.24**

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

**0.81**

12. REPORTING YEAR (SAIFI)

**1.69**

13. CORRECTIVE ACTION PLAN

**Motor vehicle was largest cause.**

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

# KENTUCKY PUBLIC SERVICE COMMISSION

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Trimming Cycle - 8 years  
Spraying Cycle - 2 years

**KENTUCKY PUBLIC SERVICE COMMISSION**

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