

**KENTUCKY PUBLIC SERVICE COMMISSION**  
**Electric Distribution Utility Annual Reliability Report**

**CASE NO. 2011 – 00450**

SECTION 1: CONTACT INFORMATION

UTILITY NAME	1.1	<u>Salt River Electric</u>
REPORT PREPARED BY	1.2	<u>Daniel Carrico</u>
E-MAIL ADDRESS OF PREPARER	1.3	<u><a href="mailto:dcarrico@srelectric.com">dcarrico@srelectric.com</a></u>
PHONE NUMBER OF PREPARER	1.4	<u>502-350-1606</u>

SECTION 2: REPORT YEAR

CALENDAR YEAR OF REPORT	2.1	<u>2025</u>
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SECTION 3: MAJOR EVENT DAYS

TMED	3.1	<u>14.12</u>
FIRST DATE USED TO DETERMINE TMED	3.2	<u>1/1/2021</u>
LAST DATE USED TO DETERMINE TMED	3.3	<u>12/31/2025</u>
NUMBER OF MED IN REPORT YEAR	3.4	<u>6</u>

NOTE: Per IEEE 1366 TMED 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>57,927</u>	TOTAL CIRCUITS	<u>108</u>
Excluding MED			
	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>123</u>	SAIDI	<u>126.1</u>
SAIFI	<u>1.36</u>	SAIFI	<u>1.35</u>
Including MED			
	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>430.9</u>	SAIDI	<u>512.2</u>
SAIFI	<u>2.01</u>	SAIFI	<u>1.99</u>

Notes:

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

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT	<u># 1-2</u>	
1 SUBSTATION NAME AND NUMBER	<u>Balltown</u>	<u>1</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Nelson-Balltown Road</u>	
3 CIRCUIT NAME AND NUMBER	<u>#2 Culvertown - New Haven</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Balltown Road - Southern Nelson County</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>97.6</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>1239</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2016</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Maint 84%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>266.55</u>
10 REPORTING YEAR (SAIDI)		<u>491.89</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>1.88</u>
12 REPORTING YEAR (SAIFI)		<u>2.4</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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# KENTUCKY PUBLIC SERVICE COMMISSION

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT	<u># 1-3</u>	
1 SUBSTATION NAME AND NUMBER	<u>Balltown</u>	<u>1</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Nelson-Balltown Road</u>	
3 CIRCUIT NAME AND NUMBER	<u>#3 Balltown Rd and Monks Road</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>New Hope and New Haven</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>52.12</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>730</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2016</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Maint 93%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>465.68</u>
10 REPORTING YEAR (SAIDI)		<u>1020.13</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>2.26</u>
12 REPORTING YEAR (SAIFI)		<u>2.48</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 1 - 5

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1 SUBSTATION NAME AND NUMBER	Balltown	1
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Nelson - Balltown Road	
3 CIRCUIT NAME AND NUMBER	#5 Nat Rogers Road	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Nat Rogers Road	
5 TOTAL CIRCUIT LENGTH IN MILES		38.6
6 CUSTOMER COUNT FOR THIS CIRCUIT		417
7 DATE OF LAST CIRCUIT TRIM (VM)		2016
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Equip Desig; Maint	
	12% 51%	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		245.68
10 REPORTING YEAR (SAIDI)		136.74
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		1.57
12 REPORTING YEAR (SAIFI)		1.84
13 CORRECTIVE ACTION PLAN		None

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

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# 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	<u>#2-2</u>		
1 SUBSTATION NAME AND NUMBER	<u>Bardstown Shopping Center</u>		<u>2</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Nelson-Bardstown, Court House</u>		
3 CIRCUIT NAME AND NUMBER	<u>#2 Bluegrass Parkway @ US 150</u>		
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>#2 Bluegrass Parkway @ US 150</u>		
5 TOTAL CIRCUIT LENGTH IN MILES			<u>54.6</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT			<u>1176</u>
7 DATE OF LAST CIRCUIT TRIM (VM)			<u>2016</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		Equip Desig Maint	Weather
		4%	2% 89%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)			<u>98.58</u>
10 REPORTING YEAR (SAIDI)			<u>169.8</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)			<u>1.25</u>
12 REPORTING YEAR (SAIFI)			<u>1.19</u>
13 CORRECTIVE ACTION PLAN			<u>None</u>

# 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	<u>#2-3</u>	
1 SUBSTATION NAME AND NUMBER	<u>Bardstown Shopping Center</u>	<u>3</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Springhill Subdivision</u>	
3 CIRCUIT NAME AND NUMBER	<u>#3</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>off of US HWY 150</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>3.6</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>297</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2016</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Maint 52% Animals 28%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>24.42</u>
10 REPORTING YEAR (SAIDI)		<u>30.3</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>0.49</u>
12 REPORTING YEAR (SAIFI)		<u>0.68</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT	<u># 3 - 1</u>	
1 SUBSTATION NAME AND NUMBER	<u>Beams</u>	<u>3</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - Hwy 245 - Clermont</u>	
3 CIRCUIT NAME AND NUMBER	<u>#1 US 245 to Lotus</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>US 245 to Lotus</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>9.9</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>53</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2017</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Maint 75%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>551.02</u>
10 REPORTING YEAR (SAIDI)		<u>745.39</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>2.97</u>
12 REPORTING YEAR (SAIFI)		<u>2.84</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT	<u># 3 - 2</u>				
1 SUBSTATION NAME AND NUMBER	<u>Beams</u>			<u>3</u>	
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - US 245 - Clermont</u>				
3 CIRCUIT NAME AND NUMBER	<u># 2 US 245 to I-65</u>				
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>US 245 to I-65</u>				
5 TOTAL CIRCUIT LENGTH IN MILES				<u>27.57</u>	
6 CUSTOMER COUNT FOR THIS CIRCUIT				<u>465</u>	
7 DATE OF LAST CIRCUIT TRIM (VM)				<u>2017</u>	
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		Equip Desig	Maint	Weather	Animals
		25%	14%	38%	11%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)					<u>240.6</u>
10 REPORTING YEAR (SAIDI)					<u>238.15</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)					<u>2.34</u>
12 REPORTING YEAR (SAIFI)					<u>2.39</u>
13 CORRECTIVE ACTION PLAN					<u>None</u>

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 21 - 2

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1 SUBSTATION NAME AND NUMBER	<u>Beulah Beam</u>	<u>21</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt-Hwy 44-Shepherdsville</u>	
3 CIRCUIT NAME AND NUMBER	<u>#2 South Shephersville</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Shepherdsville-South</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>10.1</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>639</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2025</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Maint 91%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>79.8</u>
10 REPORTING YEAR (SAIDI)		<u>124.9</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>0.8</u>
12 REPORTING YEAR (SAIFI)		<u>0.4</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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(CEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 21 - 3

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1 SUBSTATION NAME AND NUMBER	Beulah Beam	21
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bullitt-Hwy 44-Shepherdsville	
3 CIRCUIT NAME AND NUMBER	#3 North Shepherdsville	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Shepherdsville-North	
5 TOTAL CIRCUIT LENGTH IN MILES		17.95
6 CUSTOMER COUNT FOR THIS CIRCUIT		1023
7 DATE OF LAST CIRCUIT TRIM (VM)		2025
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Maint 14% Weather 74%	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		192.1
10 REPORTING YEAR (SAIDI)		323.6
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		2.6
12 REPORTING YEAR (SAIFI)		3.2
13 CORRECTIVE ACTION PLAN		None

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(CEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 4 - 2

1 SUBSTATION NAME AND NUMBER	<u>Bloomfield</u>	<u>4</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Nelson - Hwy 1066 - Bloomfield</u>	
3 CIRCUIT NAME AND NUMBER	<u>#2 Larwenceburg - Greens Chapel</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Larwenceburg Road &amp; Greens Chapel Road</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>76.7</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>620</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2019</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Maint 55%	Weather 29%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>297.6</u>
10 REPORTING YEAR (SAIDI)		<u>527.1</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>1.8</u>
12 REPORTING YEAR (SAIFI)		<u>1.5</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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# 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

# 4 -5

1 SUBSTATION NAME AND NUMBER	<u>Bloomfield</u>	<u>4</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Nelson - Hwy 1066 - Bloomfield</u>	
3 CIRCUIT NAME AND NUMBER	<u>#5 Springfield - Campground Road</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Springfield Road &amp; Campground Road</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>44.18</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>327</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2019</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Equip Desig	Weather
	<u>27%</u>	<u>10%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>120.1</u>
10 REPORTING YEAR (SAIDI)		<u>109.7</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>1.1</u>
12 REPORTING YEAR (SAIFI)		<u>1.7</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT	<u># 5 - 1</u>	
1 SUBSTATION NAME AND NUMBER	<u>Blue Lick</u>	<u>5</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt County, Blue Lick Rd</u>	
3 CIRCUIT NAME AND NUMBER	<u>#1 Whispering Oaks</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Blue Lick Road North to Whispering Oaks</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>6.7</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>757</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2018</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		
	Power Supj Maint	
	52%	44%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>260.4</u>
10 REPORTING YEAR (SAIDI)		<u>722.4</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>2</u>
12 REPORTING YEAR (SAIFI)		<u>2.7</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT	<u># 5 - 2</u>
1 SUBSTATION NAME AND NUMBER	<u>Blue Lick</u> <span style="float: right;"><u>5</u></span>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt County, Blue Lick Rd</u>
3 CIRCUIT NAME AND NUMBER	<u>#2 Hunters Hollow</u>
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Hunters Hollow</u>
5 TOTAL CIRCUIT LENGTH IN MILES	<u>7.37</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT	<u>712</u>
7 DATE OF LAST CIRCUIT TRIM (VM)	<u>2018</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	<u>Power Supply 94%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)	<u>103.7</u>
10 REPORTING YEAR (SAIDI)	<u>398.8</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)	<u>0.9</u>
12 REPORTING YEAR (SAIFI)	<u>2.3</u>
13 CORRECTIVE ACTION PLAN	<u>None</u>

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT #5-3

1 SUBSTATION NAME AND NUMBER	<u>Bluelick</u>	<u>5</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Jefferson - Octagon Ave</u>	
3 CIRCUIT NAME AND NUMBER	<u>#3 South Louisville Industrial Park</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Louisville - South Lou. Ind. Park</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>4</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>163</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2018</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		
	Power Sup Equip Desig	
	70%	20%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>107.9</u>
10 REPORTING YEAR (SAIDI)		<u>316.3</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>0.8</u>
12 REPORTING YEAR (SAIFI)		<u>2.2</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

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# 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 # 5 - 4

1 SUBSTATION NAME AND NUMBER	Blue Lick	5
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bullitt County, Blue Lick Rd	
3 CIRCUIT NAME AND NUMBER	#4 Brooks @I65	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Louisville - I65 - Brooks	
5 TOTAL CIRCUIT LENGTH IN MILES		0.47
6 CUSTOMER COUNT FOR THIS CIRCUIT		5
7 DATE OF LAST CIRCUIT TRIM (VM)		2018
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Power Supj Equip Design	
	38%	53%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		110.3
10 REPORTING YEAR (SAIDI)		375.1
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		1.8
12 REPORTING YEAR (SAIFI)		5.3
13 CORRECTIVE ACTION PLAN		None

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 5 - 5

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1 SUBSTATION NAME AND NUMBER	Blue Lick	5
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bullitt County, Blue Lick Rd	
3 CIRCUIT NAME AND NUMBER	#5 Brooks Industrial Park	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	I65 South to Brooks Industrial Park	
5 TOTAL CIRCUIT LENGTH IN MILES		2.1
6 CUSTOMER COUNT FOR THIS CIRCUIT		36
7 DATE OF LAST CIRCUIT TRIM (VM)		2018
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Power Supply 98%	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		147.1
10 REPORTING YEAR (SAIDI)		394.6
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		0.8
12 REPORTING YEAR (SAIFI)		2.3
13 CORRECTIVE ACTION PLAN		None

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

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT	<u># 6 - 2</u>		
1 SUBSTATION NAME AND NUMBER	<u>Brooks</u>		<u>6</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - Coral Springs - Brooks</u>		
3 CIRCUIT NAME AND NUMBER	<u>#2 Brooks Hill Road - Brooks Station</u>		
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Brooks Hill Road - Brooks Station</u>		
5 TOTAL CIRCUIT LENGTH IN MILES			<u>31.73</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT			<u>936</u>
7 DATE OF LAST CIRCUIT TRIM (VM)			<u>2018</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		Maint 47%	Weather 9% Animals 25%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)			<u>296.5</u>
10 REPORTING YEAR (SAIDI)			<u>485.7</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)			<u>2.7</u>
12 REPORTING YEAR (SAIFI)			<u>4.3</u>
13 CORRECTIVE ACTION PLAN			<u>None</u>

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# 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	<u># 6 - 3</u>		
1 SUBSTATION NAME AND NUMBER	<u>Brooks</u>		<u>6</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - Coral Ridge Road - Brooks</u>		
3 CIRCUIT NAME AND NUMBER	<u>#3 Bullitt County Stone</u>		
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Bullitt County Stone area</u>		
5 TOTAL CIRCUIT LENGTH IN MILES			<u>17.4</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT			<u>428</u>
7 DATE OF LAST CIRCUIT TRIM (VM)			<u>2018</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		Maint 48%	Weather 28%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)			<u>343.2</u>
10 REPORTING YEAR (SAIDI)			<u>1025.2</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)			<u>3</u>
12 REPORTING YEAR (SAIFI)			<u>6</u>
13 CORRECTIVE ACTION PLAN			<u>None</u>

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

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT	<u># 6 - 4</u>	
1 SUBSTATION NAME AND NUMBER	<u>Brooks</u>	<u>6</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - Coral Ridge Road - Brooks</u>	
3 CIRCUIT NAME AND NUMBER	<u>#4 Sabert</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Pryor Valley to Chillicoop</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>1.73</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>5</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2018</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	<u>Power Supply</u> <u>100%</u>	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>56.3</u>
10 REPORTING YEAR (SAIDI)		<u>24</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>0.5</u>
12 REPORTING YEAR (SAIFI)		<u>0.7</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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# 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	<u># 6 - 6</u>		
1 SUBSTATION NAME AND NUMBER	<u>Brooks</u>		<u>6</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - Coral Ridge Road - Brooks</u>		
3 CIRCUIT NAME AND NUMBER	<u>#6 Pryor Valley</u>		
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Pryor Valley</u>		
5 TOTAL CIRCUIT LENGTH IN MILES			<u>36.54</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT			<u>1336</u>
7 DATE OF LAST CIRCUIT TRIM (VM)			<u>2018</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		Equip Desi; Maint 19% 37%	Public 20%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)			<u>207.5</u>
10 REPORTING YEAR (SAIDI)			<u>262.7</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)			<u>2.4</u>
12 REPORTING YEAR (SAIFI)			<u>2.8</u>
13 CORRECTIVE ACTION PLAN			<u>None</u>

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

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT #29-3

1 SUBSTATION NAME AND NUMBER	<u>Cedar Grove Ind Park</u>	<u>29</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Cedar Grove Industrial Park</u>	
3 CIRCUIT NAME AND NUMBER	<u>#3 To I65</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Hwy 480 East to I65</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>3.4</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>31</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2017</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Planned <u>24%</u>	Weather <u>57%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>323.6</u>
10 REPORTING YEAR (SAIDI)		<u>303.4</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>4.8</u>
12 REPORTING YEAR (SAIFI)		<u>10.9</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

EXCEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 11 - 2

1 SUBSTATION NAME AND NUMBER	<u>Cedar Grove</u>	<u>11</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - US 480</u>	
3 CIRCUIT NAME AND NUMBER	<u>#2 Ridge Road</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Ridge Road</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>29.36</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>347</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2023</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Power Sup Maint 50%	Weather 15% 12%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>266.9</u>
10 REPORTING YEAR (SAIDI)		<u>324.4</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>2.8</u>
12 REPORTING YEAR (SAIFI)		<u>2.4</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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<CEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 11 -3

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1 SUBSTATION NAME AND NUMBER	Cedar Grove	11
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - US 480	
3 CIRCUIT NAME AND NUMBER	#3 US 480 East to Hwy 48	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	US 480 East to Hwy 48	
5 TOTAL CIRCUIT LENGTH IN MILES		46.17
6 CUSTOMER COUNT FOR THIS CIRCUIT		724
7 DATE OF LAST CIRCUIT TRIM (VM)		2022
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Power Sup Maint 54%	Weather 10% 20%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		133.2
10 REPORTING YEAR (SAIDI)		179.7
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		1.2
12 REPORTING YEAR (SAIFI)		1.6
13 CORRECTIVE ACTION PLAN		None

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(CEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 11 -4

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1 SUBSTATION NAME AND NUMBER	Cedar Grove	11
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - US 480	
3 CIRCUIT NAME AND NUMBER	#4 Deatsville Road to Woodsdale Road	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Deatsville Road to Woodsdale Road	
5 TOTAL CIRCUIT LENGTH IN MILES		21.74
6 CUSTOMER COUNT FOR THIS CIRCUIT		304
7 DATE OF LAST CIRCUIT TRIM (VM)		2023
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		Maint 77%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		243.3
10 REPORTING YEAR (SAIDI)		285
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		2.1
12 REPORTING YEAR (SAIFI)		2.8
13 CORRECTIVE ACTION PLAN		None

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EXCEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT #11-5

1 SUBSTATION NAME AND NUMBER	<u>Cedar Grove</u>	<u>11</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - US 480</u>	
3 CIRCUIT NAME AND NUMBER	<u>#5 US480 West - Industrial Park</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Cedar Grove - US480 - Cedar Grove Industrial Park</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>31.71</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>654</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2023</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	<u>Power Sup Maint      Animals      Unknown</u> <u>19%      19%      25%      30%</u>	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>196.2</u>
10 REPORTING YEAR (SAIDI)		<u>100.8</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>2.2</u>
12 REPORTING YEAR (SAIFI)		<u>2.3</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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(CEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT	<u>#23-2</u>		
1 SUBSTATION NAME AND NUMBER	<u>Darwin Thomas</u>		<u>23</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Spencer-Hwy 155-Elk Creek</u>		
3 CIRCUIT NAME AND NUMBER	<u>#2 Normandy</u>		
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Elk Creek, Spencer County</u>		
5 TOTAL CIRCUIT LENGTH IN MILES			<u>55.31</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT			<u>821</u>
7 DATE OF LAST CIRCUIT TRIM (VM)			<u>2024</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		Maint 87%	Weather 6%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)			<u>223.6</u>
10 REPORTING YEAR (SAIDI)			<u>643.8</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)			<u>1.2</u>
12 REPORTING YEAR (SAIFI)			<u>1.3</u>
13 CORRECTIVE ACTION PLAN			<u>None</u>

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT # 23 - 3

1 SUBSTATION NAME AND NUMBER	<u>Darwin Thomas</u>	<u>23</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Spencer-Hwy 155-Elk Creek</u>	
3 CIRCUIT NAME AND NUMBER	<u>#3 Fisherville</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Taylorsville - Fisherville</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>25.61</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>446</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2024</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Equip Desiq Maint	Weather
	70%	5% 5%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>66.3</u>
10 REPORTING YEAR (SAIDI)		<u>58.5</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>0.5</u>
12 REPORTING YEAR (SAIFI)		<u>0.6</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

(CEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT #23-4

1 SUBSTATION NAME AND NUMBER	<u>Darwin Thomas</u>	<u>23</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Spencer-Hwy 155-Elk Creek</u>	
3 CIRCUIT NAME AND NUMBER	<u>#4 Hwy 155 and Allen Place</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Taylorsville - Hwy 155 - Elk Creek</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>39.2</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>1047</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2024</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Maint 86%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>144.7</u>
10 REPORTING YEAR (SAIDI)		<u>530.9</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>0.7</u>
12 REPORTING YEAR (SAIFI)		<u>2.8</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT

# 30 - 2

1 SUBSTATION NAME AND NUMBER	<u>Deatesville</u>	<u>30</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Nelson-Deatesville Road</u>	
3 CIRCUIT NAME AND NUMBER	<u>#2 Hwy 245 &amp; Samuels</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Hwy 245 7 Samuels</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>28.26</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>931</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2024</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		
	Equip Desig	Maint
	<u>78%</u>	<u>21%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>83.9</u>
10 REPORTING YEAR (SAIDI)		<u>106.4</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>0.8</u>
12 REPORTING YEAR (SAIFI)		<u>1.2</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 30 - 3

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1 SUBSTATION NAME AND NUMBER	Deatesville	30
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Nelson-Deatesville Road	
3 CIRCUIT NAME AND NUMBER	#3 Cedar Grove Road	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Cedar Grove Road	
5 TOTAL CIRCUIT LENGTH IN MILES		41.25
6 CUSTOMER COUNT FOR THIS CIRCUIT		755
7 DATE OF LAST CIRCUIT TRIM (VM)		2024
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Equip Desi; Maint	
	39%	50%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		165.6
10 REPORTING YEAR (SAIDI)		175
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		2
12 REPORTING YEAR (SAIFI)		2.4
13 CORRECTIVE ACTION PLAN		None

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# 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	<u># 7 - 2</u>	
1 SUBSTATION NAME AND NUMBER	<u>East Bardstown</u>	<u>7</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Nelson - US 62 - Bardstown</u>	
3 CIRCUIT NAME AND NUMBER	<u>#2 Caney Fork - Plum Run</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Bardstown - Caney Fork &amp; Plum Run</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>51.8</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>1765</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2017</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Equip Desi; Maint</u> <u>23% 39%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>54.9</u>
10 REPORTING YEAR (SAIDI)		<u>135.2</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>0.7</u>
12 REPORTING YEAR (SAIFI)		<u>1.6</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 26 - 3

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1 SUBSTATION NAME AND NUMBER	Fredricksburg	26	
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Washington-Fredricksburg		
3 CIRCUIT NAME AND NUMBER	# Fredricksburg Hill		
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Fredricksburg		
5 TOTAL CIRCUIT LENGTH IN MILES		49.1	
6 CUSTOMER COUNT FOR THIS CIRCUIT		395	
7 DATE OF LAST CIRCUIT TRIM (VM)		2025	
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Weather 81%	Animals 2%	Public 15%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)			151.3
10 REPORTING YEAR (SAIDI)			263.7
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)			1.4
12 REPORTING YEAR (SAIFI)			2
13 CORRECTIVE ACTION PLAN			None

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT

# 26 - 4

1 SUBSTATION NAME AND NUMBER	<u>Fredricksburg</u>	<u>26</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Washington-Fredricksburg</u>	
3 CIRCUIT NAME AND NUMBER	<u>#4</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Fredricksburg</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>13.85</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>165</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2025</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Maint    Animals</u> <u>46%      54%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>140.5</u>
10 REPORTING YEAR (SAIDI)		<u>197.6</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>1.6</u>
12 REPORTING YEAR (SAIFI)		<u>2</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 8 - 1

1 SUBSTATION NAME AND NUMBER	<u>Gospel Hill</u>	<u>8</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - Hwy 44</u>	
3 CIRCUIT NAME AND NUMBER	<u>#1 Yorkshire</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Yorkshire</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>12.86</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>262</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2017</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Maint 87%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>307</u>
10 REPORTING YEAR (SAIDI)		<u>595.4</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>2.4</u>
12 REPORTING YEAR (SAIFI)		<u>3.1</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 8 - 4

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1 SUBSTATION NAME AND NUMBER	Gospel Hill	8
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44	
3 CIRCUIT NAME AND NUMBER	#4 Martin Hill to Knob Creek	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Matrin Hill to Knob Creek	
5 TOTAL CIRCUIT LENGTH IN MILES		21
6 CUSTOMER COUNT FOR THIS CIRCUIT		370
7 DATE OF LAST CIRCUIT TRIM (VM)		2017
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		Maint 86%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		294.4
10 REPORTING YEAR (SAIDI)		254.6
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		3.1
12 REPORTING YEAR (SAIFI)		3.4
13 CORRECTIVE ACTION PLAN		None

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# 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 # 8 - 5

1 SUBSTATION NAME AND NUMBER	Gospel Hill	8
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44	
3 CIRCUIT NAME AND NUMBER	#5 Kings Forest and Chilicoop	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Kings Forest and Chilicoop	
5 TOTAL CIRCUIT LENGTH IN MILES		40.2
6 CUSTOMER COUNT FOR THIS CIRCUIT		1074
7 DATE OF LAST CIRCUIT TRIM (VM)		2017
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Maint 57%	Weather 15%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		171.6
10 REPORTING YEAR (SAIDI)		389.5
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		1.7
12 REPORTING YEAR (SAIFI)		2.4
13 CORRECTIVE ACTION PLAN		None

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

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT #22-1

1 SUBSTATION NAME AND NUMBER	<u>Joe Tichenor</u>	<u>22</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Nelson-US 31E-Cox's Creek</u>	
3 CIRCUIT NAME AND NUMBER	<u>#1 31E Bardstown</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Bardstown - Hwy 31E - Cox's Creek</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>26.23</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>575</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2020</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Power Sup Weather</u>
		<u>80% 7%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		
10 REPORTING YEAR (SAIDI)		<u>88.6</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>86.6</u>
12 REPORTING YEAR (SAIFI)		<u>0.9</u>
13 CORRECTIVE ACTION PLAN		<u>1.3</u>

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(CEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT	<u>#22-2</u>	
1 SUBSTATION NAME AND NUMBER	<u>Joe Tichenor</u>	<u>22</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Nelson-US 31E-Cox's Creek</u>	
3 CIRCUIT NAME AND NUMBER	<u>#2 Hwy 509 Samuels</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Bardstown - Samuels Rd - Samuels</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>19.3</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>226</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2020</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Equip Design 93%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>195.2</u>
10 REPORTING YEAR (SAIDI)		<u>256.3</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>2</u>
12 REPORTING YEAR (SAIFI)		<u>2.9</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT #22-3

1 SUBSTATION NAME AND NUMBER	<u>Joe Tichenor</u>	<u>22</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Nelson-US 31E-Cox's Creek</u>	
3 CIRCUIT NAME AND NUMBER	<u>#3 Hwy 509 Fairfield</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Hwy 509 from Cox's Creek to Fairfield</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>91.4</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>773</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2020</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Power Sup Equip Desig Maint	Weather
	34% 11% 31%	13%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>126</u>
10 REPORTING YEAR (SAIDI)		<u>203.2</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>1.2</u>
12 REPORTING YEAR (SAIFI)		<u>1.9</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

---

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 22 - 4

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1 SUBSTATION NAME AND NUMBER	Joe Tichenor	22
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Nelson-US 31E-Cox's Creek	
3 CIRCUIT NAME AND NUMBER	#4 US 31E to Hwy 480	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	US 31 E North of Cox's Creek	
5 TOTAL CIRCUIT LENGTH IN MILES		38.4
6 CUSTOMER COUNT FOR THIS CIRCUIT		447
7 DATE OF LAST CIRCUIT TRIM (VM)		2020
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Power Sup Equip Desi; Maint	
	52% 20% 25%	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		127.3
10 REPORTING YEAR (SAIDI)		145.8
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		1.4
12 REPORTING YEAR (SAIFI)		1.6
13 CORRECTIVE ACTION PLAN		None

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# 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	<u># 24 - 1</u>		
1 SUBSTATION NAME AND NUMBER	<u>Knob Creek</u>		<u>24</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>#1 Knob Creek</u>		
3 CIRCUIT NAME AND NUMBER	<u>Knob Creek</u>		
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Knob Creek</u>		
5 TOTAL CIRCUIT LENGTH IN MILES			<u>45.79</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT			<u>636</u>
7 DATE OF LAST CIRCUIT TRIM (VM)			<u>2021</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		Maint 85%	Weather 5%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)			<u>274.9</u>
10 REPORTING YEAR (SAIDI)			<u>472.6</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)			<u>1.9</u>
12 REPORTING YEAR (SAIFI)			<u>2.2</u>
13 CORRECTIVE ACTION PLAN			<u>None</u>

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

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

---

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 27 - 2

1 SUBSTATION NAME AND NUMBER	<u>Little Mount</u>	<u>27</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Spencer-Hwy 44-Little Mount</u>	
3 CIRCUIT NAME AND NUMBER	<u>#2 Little Mount</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Little Mount Area</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>35.9</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>523</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2018</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Maint 15%	Weather 81%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>452.4</u>
10 REPORTING YEAR (SAIDI)		<u>1408.6</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>2.3</u>
12 REPORTING YEAR (SAIFI)		<u>3.8</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 27 - 3

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1 SUBSTATION NAME AND NUMBER	Little Mount	27
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Spencer-Hwy 44-Little Mount	
3 CIRCUIT NAME AND NUMBER	#3 Possum Ridge	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Possum Ridge	
5 TOTAL CIRCUIT LENGTH IN MILES		22.4
6 CUSTOMER COUNT FOR THIS CIRCUIT		214
7 DATE OF LAST CIRCUIT TRIM (VM)		2018
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Maint 49% Weather 26%	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		205.4
10 REPORTING YEAR (SAIDI)		347.7
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		1.9
12 REPORTING YEAR (SAIFI)		3.1
13 CORRECTIVE ACTION PLAN		None

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

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 27 - 4

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1 SUBSTATION NAME AND NUMBER	Little Mount	27
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Spencer-Hwy 44-Little Mount	
3 CIRCUIT NAME AND NUMBER	#4 Towards T-ville to Tanglewood	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Towards T-ville to Tanglewood	
5 TOTAL CIRCUIT LENGTH IN MILES		23.14
6 CUSTOMER COUNT FOR THIS CIRCUIT		445
7 DATE OF LAST CIRCUIT TRIM (VM)		2018
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Maint 83% Weather 16%	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		244.2
10 REPORTING YEAR (SAIDI)		579.8
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		2.4
12 REPORTING YEAR (SAIFI)		2.2
13 CORRECTIVE ACTION PLAN		None

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# 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	<u>#122-6</u>
1 SUBSTATION NAME AND NUMBER	<u>Mt. Washington</u> <u>6</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - Hwy 44 - Mt. Washington</u>
3 CIRCUIT NAME AND NUMBER	<u>#6 Flat Lick</u>
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Mount Washington - Hwy 44 - Flat Lick</u>
5 TOTAL CIRCUIT LENGTH IN MILES	<u>37.6</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT	<u>1996</u>
7 DATE OF LAST CIRCUIT TRIM (VM)	<u>2026</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	<u>Maint</u> <u>93%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)	<u>62.1</u>
10 REPORTING YEAR (SAIDI)	<u>143.7</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)	<u>0.9</u>
12 REPORTING YEAR (SAIFI)	<u>1.3</u>
13 CORRECTIVE ACTION PLAN	<u>None</u>

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 #122-7

1 SUBSTATION NAME AND NUMBER	Mt. Washington	6
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bullitt - Hwy 44 - Mt. Washington	
3 CIRCUIT NAME AND NUMBER	#7 HWY 31S to HWY 480	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Mt. Washington, Flat Lick	
5 TOTAL CIRCUIT LENGTH IN MILES		49.36
6 CUSTOMER COUNT FOR THIS CIRCUIT		584
7 DATE OF LAST CIRCUIT TRIM (VM)		2026
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Maint 83% Weather 12%	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		178.5
10 REPORTING YEAR (SAIDI)		263.3
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		1.9
12 REPORTING YEAR (SAIFI)		1.5
13 CORRECTIVE ACTION PLAN		None

# 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	<u># 12 - 1</u>	
1 SUBSTATION NAME AND NUMBER	<u>Mt. Washington</u>	<u>12</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - Hwy 44 - Mt. Washington</u>	
3 CIRCUIT NAME AND NUMBER	<u>#1 Hwy 44E to Bullitt East</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Mt. Washington - Hwy 44 E</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>21.03</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>1306</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2023</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Power Sup Weather</u> <u>25% 61%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>97.4</u>
10 REPORTING YEAR (SAIDI)		<u>328.5</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>0.9</u>
12 REPORTING YEAR (SAIFI)		<u>1.9</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT #13-3

1 SUBSTATION NAME AND NUMBER	<u>North Springfield</u>	<u>13</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Washington - Hwy 555 - Springfield</u>	
3 CIRCUIT NAME AND NUMBER	<u>#3 Washington County Industrial Park</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Springfield - US555 - Industrial Park</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>15.8</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>116</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2025</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Maint 98%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>143.6</u>
10 REPORTING YEAR (SAIDI)		<u>122.2</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>0.7</u>
12 REPORTING YEAR (SAIFI)		<u>0.9</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT	<u># 13 - 5</u>	
1 SUBSTATION NAME AND NUMBER	<u>North Springfield</u>	<u>13</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Washington - Hwy 555 - Springfield</u>	
3 CIRCUIT NAME AND NUMBER	<u>#5 Willisburg</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Willisburg</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>115.45</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>1059</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2025</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Equip Desig Weather</u>
		<u>48% 43%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>253.3</u>
10 REPORTING YEAR (SAIDI)		<u>196</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>1.9</u>
12 REPORTING YEAR (SAIFI)		<u>2.6</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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# 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	<u>#14-1</u>	
1 SUBSTATION NAME AND NUMBER	<u>Pleasant Grove</u>	<u>14</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - Hwy 44 - Mt. Washington</u>	
3 CIRCUIT NAME AND NUMBER	<u>#1 Bells Mill</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Mount Washington - 44E - East Bullitt County</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>30.5</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>763</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2023</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Equip Desig Maint</u>
		<u>78% 14%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>126.5</u>
10 REPORTING YEAR (SAIDI)		<u>257.9</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>1.9</u>
12 REPORTING YEAR (SAIFI)		<u>3.2</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 14 - 2

1 SUBSTATION NAME AND NUMBER	<u>Pleasant Grove</u>	<u>14</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - Hwy 44 - Mt. Washington</u>	
3 CIRCUIT NAME AND NUMBER	<u>#2 Zoneton</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Zoneton area</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>29.28</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>835</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2023</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Equip Desi Maint      Weather	
	54%      24%      14%	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>122.2</u>
10 REPORTING YEAR (SAIDI)		<u>205.1</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>1.4</u>
12 REPORTING YEAR (SAIFI)		<u>2</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT #142-5

1 SUBSTATION NAME AND NUMBER	<u>Pleasant Grove 2</u>	<u>142</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - Hwy 44 - Mt. Washington</u>	
3 CIRCUIT NAME AND NUMBER	<u>#5 Hwy 31E South</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Mount Washington - Hwy 31E South</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>34.12</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>1144</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2024</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		
	Equip Desi Maint	
	54%	32%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>262.6</u>
10 REPORTING YEAR (SAIDI)		<u>650.7</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>2.4</u>
12 REPORTING YEAR (SAIFI)		<u>5.2</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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(CEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT	<u>#142-6</u>				
1 SUBSTATION NAME AND NUMBER	<u>Pleasant Grove 2</u> <span style="float: right;"><u>142</u></span>				
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - Hwy 44 - Mt. Washington</u>				
3 CIRCUIT NAME AND NUMBER	<u>#6 Bogard Ln</u>				
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Mount Washingotn- Bogard Lane</u>				
5 TOTAL CIRCUIT LENGTH IN MILES	<u>18.9</u>				
6 CUSTOMER COUNT FOR THIS CIRCUIT	<u>906</u>				
7 DATE OF LAST CIRCUIT TRIM (VM)	<u>2024</u>				
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	<table><tr><td>Maint</td><td>Weather</td></tr><tr><td>80%</td><td>12%</td></tr></table>	Maint	Weather	80%	12%
Maint	Weather				
80%	12%				
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)	<u>115.6</u>				
10 REPORTING YEAR (SAIDI)	<u>346.3</u>				
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)	<u>1.1</u>				
12 REPORTING YEAR (SAIFI)	<u>1.5</u>				
13 CORRECTIVE ACTION PLAN	<u>None</u>				

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# 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	<u>#15-1</u>		
1 SUBSTATION NAME AND NUMBER	<u>Shepherdsville</u>		<u>15</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - US 61 - Shepherdsville</u>		
3 CIRCUIT NAME AND NUMBER	<u>#1 to I65</u>		
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Shepherdsville - US 61 - Cedar Grove Industrial Park</u>		
5 TOTAL CIRCUIT LENGTH IN MILES			<u>8.18</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT			<u>256</u>
7 DATE OF LAST CIRCUIT TRIM (VM)			<u>2017</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		Weather    Animals    Public	
		37%        7%        42%	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)			<u>61.2</u>
10 REPORTING YEAR (SAIDI)			<u>82.7</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)			<u>1</u>
12 REPORTING YEAR (SAIFI)			<u>1.4</u>
13 CORRECTIVE ACTION PLAN			<u>None</u>

# 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	<u>#15-2</u>		
1 SUBSTATION NAME AND NUMBER	<u>Shepherdsville</u>		<u>15</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - US 61 - Shepherdsville</u>		
3 CIRCUIT NAME AND NUMBER	<u>#2 Cedar Grove Industrial Park</u>		
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Shepherdsville - US 61 - Cedar Grove Industrial Park</u>		
5 TOTAL CIRCUIT LENGTH IN MILES			<u>19.78</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT			<u>370</u>
7 DATE OF LAST CIRCUIT TRIM (VM)			<u>2017</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		Equip Desig; Maint	Weather
		50%	9% 27%
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)			<u>148.1</u>
10 REPORTING YEAR (SAIDI)			<u>142.5</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)			<u>2</u>
12 REPORTING YEAR (SAIFI)			<u>2.4</u>
13 CORRECTIVE ACTION PLAN			<u>None</u>

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 15 - 3

1 SUBSTATION NAME AND NUMBER	<u>Shepherdsville</u>	<u>15</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - US 61 - Shepherdsville</u>	
3 CIRCUIT NAME AND NUMBER	<u>#3 US 61 Belmont</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Shepherdsville - US 61 Belmont</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>39.89</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>545</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2017</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Maint <u>77%</u>	Weather <u>14%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>340.3</u>
10 REPORTING YEAR (SAIDI)		<u>904.9</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>2</u>
12 REPORTING YEAR (SAIFI)		<u>3.5</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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(CEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI)

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 152 - 5

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1 SUBSTATION NAME AND NUMBER	<u>Shepherdsville</u>	<u>152</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt - US 61 - Shepherdsville</u>	
3 CIRCUIT NAME AND NUMBER	<u>#5 Blue Lick Road</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Shepherdsville - Blue Lick Road</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>12.7</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>212</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2021</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Equip Desi Maint	Weather
	<u>11%</u>	<u>3%</u>
		<u>85%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>186.3</u>
10 REPORTING YEAR (SAIDI)		<u>281</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>1.4</u>
12 REPORTING YEAR (SAIFI)		<u>1.8</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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(CEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

---

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT	<u># 16 - 1</u>
1 SUBSTATION NAME AND NUMBER	<u>South Springfield</u> <span style="float: right;"><u>16</u></span>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Washington - St. Rose Lebanon Road - Springfield</u>
3 CIRCUIT NAME AND NUMBER	<u>#1 US 150 Bloomfield Road</u>
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Springfield - US 150</u>
5 TOTAL CIRCUIT LENGTH IN MILES	<u>28.75</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT	<u>291</u>
7 DATE OF LAST CIRCUIT TRIM (VM)	<u>2026</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	<u>Weather</u> <u>98%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)	<u>260.7</u>
10 REPORTING YEAR (SAIDI)	<u>459</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)	<u>1.5</u>
12 REPORTING YEAR (SAIFI)	<u>0.4</u>
13 CORRECTIVE ACTION PLAN	<u>None</u>

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# 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	<u># 16 - 2</u>						
1 SUBSTATION NAME AND NUMBER	<u>South Springfield</u> <span style="float: right;"><u>16</u></span>						
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Washington - St. Rose Lebanon Road - Springfield</u>						
3 CIRCUIT NAME AND NUMBER	<u>#2 Perryville Road</u>						
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Springfield - Perryville Road</u>						
5 TOTAL CIRCUIT LENGTH IN MILES	<u>55.06</u>						
6 CUSTOMER COUNT FOR THIS CIRCUIT	<u>549</u>						
7 DATE OF LAST CIRCUIT TRIM (VM)	<u>2026</u>						
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	<table><tr><td></td><td>Equip Desi; Maint</td><td>Weather</td></tr><tr><td></td><td>57%</td><td>9% 32%</td></tr></table>		Equip Desi; Maint	Weather		57%	9% 32%
	Equip Desi; Maint	Weather					
	57%	9% 32%					
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)	<u>245.6</u>						
10 REPORTING YEAR (SAIDI)	<u>313.9</u>						
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)	<u>1.8</u>						
12 REPORTING YEAR (SAIFI)	<u>2.3</u>						
13 CORRECTIVE ACTION PLAN	<u>None</u>						

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

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT #16-5

1 SUBSTATION NAME AND NUMBER	<u>South Springfield</u>	<u>16</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Washington - St. Rose Lebanon Road - Springfield</u>	
3 CIRCUIT NAME AND NUMBER	<u>#5 Manton</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Springfield - Manton Road - Manton</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>71.6</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>517</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2026</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Equip Desi Maint	Weather
	<u>12%</u>	<u>5%</u>
		<u>72%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>160.5</u>
10 REPORTING YEAR (SAIDI)		<u>243.8</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>1.2</u>
12 REPORTING YEAR (SAIFI)		<u>1.7</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

EXCEEDING ITS 5 YEAR AVERAGE FOR SAIDI AND/OR SAIFI

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# 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	<u>#20-1</u>	
1 SUBSTATION NAME AND NUMBER	<u>West Mt. Washington</u>	<u>20</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt-Hwy 44-Mt. Washington</u>	
3 CIRCUIT NAME AND NUMBER	<u>#1 Stringer Lane</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Mount Washington - Stringer Lane</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>5.4</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>334</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2024</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Maint 92%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>257.3</u>
10 REPORTING YEAR (SAIDI)		<u>736.6</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>2.5</u>
12 REPORTING YEAR (SAIFI)		<u>1.7</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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	<u>#20-3</u>	
1 SUBSTATION NAME AND NUMBER	<u>West Mt. Washington</u>	<u>20</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt-Hwy 44-Mt. Washington</u>	
3 CIRCUIT NAME AND NUMBER	<u>#3 Armstrong Lane</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Mount Washington - Armstrong Lane</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>21.38</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>1238</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2024</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Equip Desi; Maint</u>
		<u>27% 54%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>49.8</u>
10 REPORTING YEAR (SAIDI)		<u>52.4</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>0.9</u>
12 REPORTING YEAR (SAIFI)		<u>0.6</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 20 - 4

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1 SUBSTATION NAME AND NUMBER	<u>West Mt. Washington</u>	<u>20</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Bullitt-Hwy 44-Mt. Washington</u>	
3 CIRCUIT NAME AND NUMBER	<u>#4 Flat Lick Road</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Mt. Washington - Flat Lick Road</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>26.1</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>1008</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2024</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Maint      Weather      Animals	
	49%      29%      14%	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>720.7</u>
10 REPORTING YEAR (SAIDI)		<u>75.4</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>1.1</u>
12 REPORTING YEAR (SAIFI)		<u>0.6</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

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# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 5: CIRCUIT REPORTING

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

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(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

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CIRCUIT # 19 - 4

1 SUBSTATION NAME AND NUMBER	<u>Woosley</u>	<u>19</u>
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	<u>Nelson-Bellwood Road-Boston</u>	
3 CIRCUIT NAME AND NUMBER	<u>#4 US 62</u>	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	<u>Boston - US 62</u>	
5 TOTAL CIRCUIT LENGTH IN MILES		<u>21.7</u>
6 CUSTOMER COUNT FOR THIS CIRCUIT		<u>291</u>
7 DATE OF LAST CIRCUIT TRIM (VM)		<u>2016</u>
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE		<u>Maint 94%</u>
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		<u>87.6</u>
10 REPORTING YEAR (SAIDI)		<u>197.7</u>
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		<u>0.7</u>
12 REPORTING YEAR (SAIFI)		<u>1.5</u>
13 CORRECTIVE ACTION PLAN		<u>None</u>

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

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# 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 # 19 - 5

1 SUBSTATION NAME AND NUMBER	Woosley	19
2 SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Nelson-Bellwood Road-Boston	
3 CIRCUIT NAME AND NUMBER	#5 Stillwell Road - Bellwood Road	
4 CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)	Stillwell Road - Bellwood Road	
5 TOTAL CIRCUIT LENGTH IN MILES		15.2
6 CUSTOMER COUNT FOR THIS CIRCUIT		121
7 DATE OF LAST CIRCUIT TRIM (VM)		2016
8 OUTAGE CAUSES FOR CIRCUIT WITH PERCENTAGE	Power Supl Maint	
	31% 68%	
9 CIRCUIT 5 YEAR AVERAGE (SAIDI)		651
10 REPORTING YEAR (SAIDI)		718.5
11 CIRCUIT 5 YEAR AVERAGE (SAIFI)		4.6
12 REPORTING YEAR (SAIFI)		4.5
13 CORRECTIVE ACTION PLAN		None

# KENTUCKY PUBLIC SERVICE COMMISSION

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## SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

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### INCLUDE CURRENT VEGETATION MANAGEMENT PLAN

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Additional page may be attached as needed

No changes to the revised VM Plan submitted in 2025. Salt River is currently on a 9-year trim cycle. Limited resources during and following the covid-19 pandemic significantly impacted Salt River's ability to maintain its vegetation management program. Following the pandemic, incremental ROW companies and crews have been added to return Salt River to a 5-6 year cycle trim program. 380 circuit miles were trimmed in 2025. It is expected that this process will take through 2029. Salt River uses contractor sprays herbicide in the year following its scheduled trim cycle. An updated Vegetation Management Plan is attached.

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## SECTION 7: UTILITY COMMENTS

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None