

KENTUCKY PUBLIC SERVICE COMMISSION

Electric Distribution Utility Annual Reliability Report

SECTION 1: CONTACT INFORMATION

UTILITY NAME	South Kentucky RECC
REPORT PREPARED BY	Dakota Brown
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PHONE NUMBER OF PREPARER	606-875-3262

SECTION 2: REPORTING YEAR

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

T_{MED}	28.70211
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	7

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>73125</u>	TOTAL CIRCUITS	<u>143</u>
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Excluding MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>315.50</u>	SAIDI	<u>314.4</u>
SAIFI	<u>2.409</u>	SAIFI	<u>2.283</u>

Including MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>1137</u>	SAIDI	<u>1367.5</u>
SAIFI	<u>3.1045</u>	SAIFI	<u>2.99</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}

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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 #1:

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

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

****CIRCUIT REPORTING INFORMATION ATTACHED IN SPREADSHEET
"PSC_ANNUAL_DISTRIBUTION_RELIABILITY_CKT INFO - 2025"**

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SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

INCLUDE CURRENT VEGETATION MANAGEMENT PLAN

Additional page may be attached as needed.

Introduction to SKRECC's Vegetation Management Plan

Our number one goal as an electric cooperative is to provide safe, reliable and economical electrical service to our members. Achieving this goal includes a number of programs and procedures by SKRECC. Right of Way (ROW) programs and procedures are critical support functions to SKRECC's mission. Cutting new ROW for construction of new distribution lines and maintaining those ROWs are mission critical. We cut and clear ROWs for the safety of the public and SKRECC employees, to minimize the opportunity for trees falling into our power lines which are one of the most frequent cause for outages, for access to enable our crews to find and repair damaged areas more quickly, and to prevent trees from growing into the power lines which can create a hazardous energized tree or power blinks.

The Vegetation Management Plan is intended to be a guide to the policies and procedures that South Kentucky Rural Electric Cooperative Corporation (SKRECC) are putting in place to address the many Right of Way (ROW) issues that we encounter on an almost daily basis. Communication of this Plan to our Members, Management, and Employees is an important part of the open relationship we feel to be of the utmost importance.

The diversity of the terrain along with the diversity of the development and land use within our service territory requires SKRECC to use a variety of methods and practices to provide a ROW plan that meets the needs of the cooperative and its members. These methods include mechanical cutting, trimming, bush hogging, and both low volume and high volume spraying or a combination of methods.

SKRECC members understand and accept vegetation management as a necessary task to keep the lights on, but there are always cases where our responsibility to trim trees, remove vegetation or spray brush creates conflict with members that object for some reason. This is a very common issue with all electrical utilities and one the we have experienced from our founding in 1938.

The goals of this Vegetation Management Plan are to communicate our needs to control vegetation, communicate our policies and procedures on how we accomplish that task, and the importance of each members concerns.

****SKRECC'S CURRENT VEGETATION MANAGEMENT PLAN ATTACHED
"2025-2026 Vegetation Management Plan"**

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SECTION 7: UTILITY COMMENTS

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

Typically, our outage situations are caused by rural tree lined right of ways. Over the years, we've acknowledged these tree lined right of ways and have taken notion to attempt to move the line out of the tree line to a better location. In 2020, SKRECC decided it was time to investigate the use of ROW circuit bidding. Even with this addition, we plan to review our circuit trimming list for 2026/2027 and possibly even fixate on the circuits determined as worst performing in this report.

We should also note that many of the unknown indicated statistics were most likely due to the System Operator not receiving any details regarding the circumstance, or that the cause could not simply be located.

In April 2023, SKRECC implemented NISC's OMS software. Once experienced in this software, SKRECC will be able to utilize its capabilities, reports, & functions to better serve our members. We will recognize these measures and will determine steps for improvement and precautions regarding future outage concerns.

alpha -1.3637
beta 1.94281

T MED NISC (2025) 28.70211

date	System Customers	cons min/day	SAIDI	Ln(SAIDI)
1/1/2025 0:00	72843	1665.15	0.02286	-3.77837
1/2/2025 0:00	72843	1588.7	0.02181	-3.82539
1/3/2025 0:00	72843	5040.3	0.06919	-2.6709
1/4/2025 0:00	72843	1503.5	0.02064	-3.88052
1/5/2025 0:00	72843	392648.3167	5.39034	1.684608
1/6/2025 0:00	72843	50576.03333	0.69432	-0.36482
1/7/2025 0:00	72843	14104.15	0.19362	-1.64186
1/8/2025 0:00	72843	3474.95	0.0477	-3.04282
1/9/2025 0:00	72843	61759.86667	0.84785	-0.16505
1/10/2025 0:00	72843	1106.8	0.01519	-4.18712
1/11/2025 0:00	72843	346.01667	0.00475	-5.34961
1/12/2025 0:00	72843	157.96667	0.00217	-6.13303
1/13/2025 0:00	72843	25115.58333	0.34479	-1.06482
1/14/2025 0:00	72843	9516.91667	0.13065	-2.03523
1/15/2025 0:00	72843	41277.78333	0.56667	-0.56798
1/16/2025 0:00	72843	80533.56667	1.10558	0.10037
1/17/2025 0:00	72843	54823.83333	0.75263	-0.28418
1/18/2025 0:00	72843	32213.65	0.44223	-0.81593
1/19/2025 0:00	72843	428.28333	0.00588	-5.1362
1/20/2025 0:00	72843	38875.95	0.5337	-0.62792
1/21/2025 0:00	72843	5229.81667	0.0718	-2.63387
1/22/2025 0:00	72843	24885.08333	0.34163	-1.07403
1/23/2025 0:00	72843	6579	0.09032	-2.4044
1/24/2025 0:00	72843	907.15	0.01245	-4.38603
1/25/2025 0:00	72843	42542.53333	0.58403	-0.5378
1/26/2025 0:00	72843	120919.2833	1.66	0.506818
1/27/2025 0:00	72843	1425.1	0.01956	-3.93427
1/28/2025 0:00	72843	61331.33333	0.84197	-0.17201
1/29/2025 0:00	72843	2725.25	0.03741	-3.28582
1/30/2025 0:00	72843	72357.13333	0.99333	-0.00669
1/31/2025 0:00	72843	205305.0833	2.81846	1.036191
2/1/2025 0:00	72841	17791.95	0.24426	-1.40952
2/2/2025 0:00	72841	9476.2	0.13009	-2.03953
2/3/2025 0:00	72841	16028.86667	0.22005	-1.5139
2/4/2025 0:00	72841	28910.48333	0.3969	-0.92407
2/5/2025 0:00	72841	9773.26667	0.13417	-2.00865
2/6/2025 0:00	72841	341183.0833	4.68394	1.54414
2/7/2025 0:00	72841	46.41667	0.00064	-7.35404
2/8/2025 0:00	72841	173904.7167	2.38746	0.87023
2/9/2025 0:00	72841	14036	0.19269	-1.64667
2/10/2025 0:00	72841	9836.11667	0.13504	-2.00218
2/11/2025 0:00	72841	2332.85	0.03203	-3.44108
2/12/2025 0:00	72841	2966.05	0.04072	-3.20104
2/13/2025 0:00	72841	26709.25	0.36668	-1.00327
2/14/2025 0:00	72841	138454.5333	1.90078	0.642264
2/15/2025 0:00	72841	595138.9667	8.17038	2.100515
2/16/2025 0:00	72841	3296254.583	45.25274	3.812263
2/17/2025 0:00	72841	4899.71667	0.06727	-2.69904
2/18/2025 0:00	72841	11944.36667	0.16398	-1.80801
2/19/2025 0:00	72841	670.83333	0.00921	-4.68747
2/20/2025 0:00	72841	284.9	0.00391	-5.54422
2/21/2025 0:00	72841	24237.98333	0.33275	-1.10036
2/22/2025 0:00	72841	65565.95	0.90012	-0.10523
2/23/2025 0:00	72841	25.85	0.00035	-7.95758
2/24/2025 0:00	72841	24465.11667	0.33587	-1.09103
2/25/2025 0:00	72841	10801.68333	0.14829	-1.90859
2/26/2025 0:00	72841	7814.38333	0.10728	-2.23231
2/27/2025 0:00	72841	29481.5	0.40474	-0.90451

2/28/2025 0:00	72841	1932.16667	0.02653	-3.62948
3/1/2025 0:00	72892	313.4	0.0043	-5.44914
3/2/2025 0:00	72892	326.81667	0.00448	-5.40813
3/3/2025 0:00	72892	9978.36667	0.13689	-1.98858
3/4/2025 0:00	72892	3800624.967	52.1405	3.953942
3/5/2025 0:00	72892	3835302.433	52.61623	3.963025
3/6/2025 0:00	72892	103428.0833	1.41892	0.349896
3/7/2025 0:00	72892	28626.63333	0.39273	-0.93463
3/8/2025 0:00	72892	190.58333	0.00261	-5.94841
3/10/2025 0:00	72892	18391.26667	0.25231	-1.3771
3/11/2025 0:00	72892	14954.21667	0.20516	-1.58397
3/12/2025 0:00	72892	5457.36667	0.07487	-2.592
3/13/2025 0:00	72892	28010.11667	0.38427	-0.95641
3/14/2025 0:00	72892	1031.11667	0.01415	-4.25804
3/15/2025 0:00	72892	222562.6833	3.05332	1.11623
3/16/2025 0:00	72892	1011153.017	13.87193	2.629867
3/17/2025 0:00	72892	60966.23333	0.83639	-0.17866
3/18/2025 0:00	72892	5676.55	0.07788	-2.55259
3/19/2025 0:00	72892	52194.36667	0.71605	-0.33401
3/20/2025 0:00	72892	30727.41667	0.42155	-0.86382
3/21/2025 0:00	72892	37104.28333	0.50903	-0.67525
3/22/2025 0:00	72892	9285.41667	0.12739	-2.0605
3/23/2025 0:00	72892	3814.05	0.05232	-2.95038
3/24/2025 0:00	72892	3776.63333	0.05181	-2.96017
3/25/2025 0:00	72892	13880.2	0.19042	-1.65852
3/26/2025 0:00	72892	19579.8	0.26861	-1.31449
3/27/2025 0:00	72892	5502.76667	0.07549	-2.58376
3/28/2025 0:00	72892	16569.91667	0.22732	-1.4814
3/29/2025 0:00	72892	485.91667	0.00667	-5.01014
3/30/2025 0:00	72892	433.83333	0.00595	-5.12436
3/31/2025 0:00	72892	513196.0167	7.0405	1.951679
4/1/2025 0:00	72995	10961.28333	0.15016	-1.89605
4/2/2025 0:00	72995	125085.6	1.71362	0.538608
4/3/2025 0:00	72995	194734.05	2.66777	0.981243
4/4/2025 0:00	72995	26804.55	0.36721	-1.00182
4/5/2025 0:00	72995	161985.9667	2.21914	0.79712
4/6/2025 0:00	72995	17369.01667	0.23795	-1.43569
4/7/2025 0:00	72995	5745.95	0.07872	-2.54186
4/8/2025 0:00	72995	3662.31667	0.05017	-2.99234
4/9/2025 0:00	72995	26081.43333	0.3573	-1.02918
4/10/2025 0:00	72995	1441.36667	0.01975	-3.9246
4/11/2025 0:00	72995	2014.11667	0.02759	-3.5903
4/12/2025 0:00	72995	1816.26667	0.02488	-3.69369
4/13/2025 0:00	72995	4564.78333	0.06254	-2.77195
4/14/2025 0:00	72995	9830.36667	0.13467	-2.00493
4/15/2025 0:00	72995	197149.9333	2.70087	0.993574
4/16/2025 0:00	72995	9990.36667	0.13686	-1.9888
4/17/2025 0:00	72995	6391.66667	0.08756	-2.43543
4/18/2025 0:00	72995	16959.15	0.23233	-1.4596
4/19/2025 0:00	72995	1842	0.02523	-3.67972
4/20/2025 0:00	72995	13644.11667	0.18692	-1.67707
4/21/2025 0:00	72995	18282.53333	0.25046	-1.38446
4/22/2025 0:00	72995	13852.98333	0.18978	-1.66189
4/23/2025 0:00	72995	19746.31667	0.27052	-1.30741
4/24/2025 0:00	72995	19925.68333	0.27297	-1.29839
4/25/2025 0:00	72995	504.41667	0.00691	-4.97479
4/26/2025 0:00	72995	2838.3	0.03888	-3.24728
4/27/2025 0:00	72995	10176.51667	0.13941	-1.97034
4/28/2025 0:00	72995	249104.7333	3.41263	1.227483
4/29/2025 0:00	72995	141561.9833	1.93934	0.662348
4/30/2025 0:00	72995	97768.6	1.33939	0.292214
5/1/2025 0:00	73062	114334.45	1.5649	0.447822
5/2/2025 0:00	73062	74206.16667	1.01566	0.015539

5/3/2025 0:00	73062	130634.9	1.788	0.581098
5/4/2025 0:00	73062	33269.78333	0.45536	-0.78667
5/5/2025 0:00	73062	22180.46667	0.30358	-1.19211
5/6/2025 0:00	73062	24710.1	0.33821	-1.08409
5/7/2025 0:00	73062	12437.68333	0.17023	-1.7706
5/8/2025 0:00	73062	74249.68333	1.01626	0.016129
5/9/2025 0:00	73062	152047.7333	2.08108	0.732887
5/10/2025 0:00	73062	22411.33333	0.30674	-1.18175
5/11/2025 0:00	73062	10483.51667	0.14349	-1.94149
5/12/2025 0:00	73062	15942.55	0.21821	-1.5223
5/13/2025 0:00	73062	183967.3333	2.51796	0.923449
5/14/2025 0:00	73062	34836.31667	0.4768	-0.74066
5/15/2025 0:00	73062	82737.86667	1.13243	0.124366
5/16/2025 0:00	73062	30251671.13	414.0548	6.025998
5/17/2025 0:00	73062	27980470.83	382.9689	5.947954
5/18/2025 0:00	73062	48670.71667	0.66616	-0.40623
5/19/2025 0:00	73062	3535865.45	48.39541	3.879405
5/20/2025 0:00	73062	4306607.733	58.94456	4.076597
5/21/2025 0:00	73062	1266222.267	17.33079	2.852485
5/22/2025 0:00	73062	167281.95	2.28959	0.828373
5/23/2025 0:00	73062	69818.31667	0.9556	-0.04542
5/24/2025 0:00	73062	16002.15	0.21902	-1.51859
5/25/2025 0:00	73062	10479.75	0.14344	-1.94184
5/26/2025 0:00	73062	4601.81667	0.06299	-2.76478
5/27/2025 0:00	73062	74990.76667	1.0264	0.026058
5/28/2025 0:00	73062	95561.51667	1.30795	0.268461
5/29/2025 0:00	73062	30845.61667	0.42218	-0.86232
5/30/2025 0:00	73062	80449.36667	1.10111	0.096319
5/31/2025 0:00	73062	3845.76667	0.05264	-2.94428
6/1/2025 0:00	73080	5149.95	0.07047	-2.65257
6/2/2025 0:00	73080	25420.08333	0.34784	-1.05601
6/3/2025 0:00	73080	107873.3	1.4761	0.389403
6/4/2025 0:00	73080	157444.0833	2.15441	0.767517
6/5/2025 0:00	73080	106690.6333	1.45992	0.378382
6/6/2025 0:00	73080	118135.2167	1.61652	0.480276
6/7/2025 0:00	73080	117438.1667	1.60698	0.474357
6/8/2025 0:00	73080	12836.63333	0.17565	-1.73926
6/9/2025 0:00	73080	9581.11667	0.1311	-2.03179
6/10/2025 0:00	73080	11320.13333	0.1549	-1.86498
6/11/2025 0:00	73080	10877.13333	0.14884	-1.90488
6/12/2025 0:00	73080	55643.91667	0.76141	-0.27258
6/13/2025 0:00	73080	124784.2167	1.7075	0.53503
6/14/2025 0:00	73080	80965.03333	1.1079	0.102466
6/15/2025 0:00	73080	170055.9	2.32698	0.844571
6/16/2025 0:00	73080	279784.5667	3.82847	1.342465
6/17/2025 0:00	73080	479672.1	6.56366	1.881548
6/18/2025 0:00	73080	575599.1833	7.87629	2.063857
6/19/2025 0:00	73080	372928.4833	5.10302	1.629833
6/20/2025 0:00	73080	84719.36667	1.15927	0.14779
6/21/2025 0:00	73080	9440.48333	0.12918	-2.04655
6/22/2025 0:00	73080	32434.45	0.44382	-0.81234
6/23/2025 0:00	73080	76674.85	1.04919	0.048018
6/24/2025 0:00	73080	6073.28333	0.0831	-2.48771
6/25/2025 0:00	73080	36723.95	0.50252	-0.68812
6/26/2025 0:00	73080	32083.06667	0.43901	-0.82323
6/27/2025 0:00	73080	222593.5833	3.04589	1.113793
6/28/2025 0:00	73080	74721.51667	1.02246	0.022211
6/29/2025 0:00	73080	36005.1	0.49268	-0.7079
6/30/2025 0:00	73080	82010.31667	1.1222	0.115291
7/1/2025 0:00	73184	102729.8667	1.40372	0.339126
7/2/2025 0:00	73184	35105.61667	0.47969	-0.73462
7/3/2025 0:00	73184	31243.26667	0.42691	-0.85118
7/4/2025 0:00	73184	3259.36667	0.04454	-3.11137

7/5/2025 0:00	73184	4514.7	0.06169	-2.78563
7/6/2025 0:00	73184	4442.76667	0.06071	-2.80165
7/7/2025 0:00	73184	40902	0.55889	-0.5818
7/8/2025 0:00	73184	219560.2167	3.00011	1.098649
7/9/2025 0:00	73184	15847.36667	0.21654	-1.52998
7/10/2025 0:00	73184	91939.3	1.25628	0.228155
7/11/2025 0:00	73184	6424.01667	0.08778	-2.43292
7/12/2025 0:00	73184	10866.63333	0.14848	-1.90731
7/13/2025 0:00	73184	2053.51667	0.02806	-3.57341
7/14/2025 0:00	73184	10618.8	0.1451	-1.93033
7/15/2025 0:00	73184	48669.41667	0.66503	-0.40792
7/16/2025 0:00	73184	51723.36667	0.70676	-0.34706
7/17/2025 0:00	73184	18508.21667	0.2529	-1.37476
7/18/2025 0:00	73184	4435.1	0.0606	-2.80346
7/19/2025 0:00	73184	69914.83333	0.95533	-0.0457
7/20/2025 0:00	73184	76114.1	1.04004	0.039259
7/21/2025 0:00	73184	37237.35	0.50882	-0.67566
7/22/2025 0:00	73184	25615.15	0.35001	-1.04979
7/23/2025 0:00	73184	4296.68333	0.05871	-2.83515
7/24/2025 0:00	73184	8284.2	0.1132	-2.1786
7/25/2025 0:00	73184	380127.9	5.19414	1.647531
7/26/2025 0:00	73184	11973.03333	0.1636	-1.81033
7/27/2025 0:00	73184	2283.28333	0.0312	-3.46734
7/28/2025 0:00	73184	12820.96667	0.17519	-1.74188
7/29/2025 0:00	73184	24007.68333	0.32805	-1.11459
7/30/2025 0:00	73184	28326.83333	0.38706	-0.94918
7/31/2025 0:00	73184	31308.11667	0.4278	-0.8491
8/1/2025 0:00	73292	51258	0.69937	-0.35758
8/2/2025 0:00	73292	2059.46667	0.0281	-3.57199
8/3/2025 0:00	73292	141789.7667	1.93459	0.659895
8/4/2025 0:00	73292	4441.01667	0.06059	-2.80363
8/5/2025 0:00	73292	6196.55	0.08455	-2.47041
8/6/2025 0:00	73292	34271.51667	0.4676	-0.76014
8/7/2025 0:00	73292	317042.65	4.32575	1.464586
8/8/2025 0:00	73292	4480.25	0.06113	-2.79475
8/9/2025 0:00	73292	4401.53333	0.06005	-2.81258
8/10/2025 0:00	73292	19667.91667	0.26835	-1.31546
8/11/2025 0:00	73292	9869.83333	0.13466	-2.005
8/12/2025 0:00	73292	17387.41667	0.23723	-1.43873
8/13/2025 0:00	73292	360231.8667	4.91502	1.592296
8/14/2025 0:00	73292	3000.05	0.04093	-3.19589
8/15/2025 0:00	73292	69677.76667	0.95069	-0.05057
8/16/2025 0:00	73292	102968.6667	1.40491	0.339973
8/17/2025 0:00	73292	327824.4167	4.47285	1.498026
8/18/2025 0:00	73292	54147.25	0.73879	-0.30274
8/19/2025 0:00	73292	8590.8	0.11721	-2.14379
8/20/2025 0:00	73292	3680.03333	0.05021	-2.99154
8/21/2025 0:00	73292	51828.66667	0.70715	-0.34651
8/22/2025 0:00	73292	43991.53333	0.60022	-0.51046
8/23/2025 0:00	73292	16549.61667	0.2258	-1.48811
8/24/2025 0:00	73292	2154.55	0.0294	-3.52676
8/25/2025 0:00	73292	6436.33333	0.08782	-2.43247
8/26/2025 0:00	73292	26631.96667	0.36337	-1.01233
8/27/2025 0:00	73292	14685.51667	0.20037	-1.60759
8/28/2025 0:00	73292	16429.58333	0.22417	-1.49535
8/29/2025 0:00	73292	2429.05	0.03314	-3.40701
8/30/2025 0:00	73292	3834.06667	0.05231	-2.95057
8/31/2025 0:00	73292	6512.71667	0.08886	-2.42069
9/1/2025 0:00	73303	12735.8	0.17374	-1.7502
9/2/2025 0:00	73303	101394.4333	1.38322	0.324414
9/3/2025 0:00	73303	24835.71667	0.33881	-1.08232
9/4/2025 0:00	73303	39020.86667	0.53232	-0.63051
9/5/2025 0:00	73303	249593.2667	3.40495	1.22523

9/6/2025 0:00	73303	102660.75	1.4005	0.336829
9/7/2025 0:00	73303	16636.65	0.22696	-1.48298
9/8/2025 0:00	73303	2504.85	0.03417	-3.37641
9/9/2025 0:00	73303	11169.35	0.15237	-1.88144
9/10/2025 0:00	73303	47754.11667	0.65146	-0.42854
9/11/2025 0:00	73303	48307.7	0.65901	-0.41702
9/12/2025 0:00	73303	1394.83333	0.01903	-3.96174
9/13/2025 0:00	73303	359.23333	0.0049	-5.31852
9/14/2025 0:00	73303	10534.88333	0.14372	-1.93989
9/15/2025 0:00	73303	8745.63333	0.11931	-2.12603
9/16/2025 0:00	73303	32383.36667	0.44177	-0.81697
9/17/2025 0:00	73303	17926.13333	0.24455	-1.40834
9/18/2025 0:00	73303	22134.96667	0.30197	-1.19743
9/19/2025 0:00	73303	9136.73333	0.12464	-2.08233
9/20/2025 0:00	73303	88079.26667	1.20158	0.183637
9/21/2025 0:00	73303	32714.36667	0.44629	-0.80679
9/22/2025 0:00	73303	449296.5167	6.12931	1.813082
9/23/2025 0:00	73303	63044.53333	0.86005	-0.15076
9/24/2025 0:00	73303	189102.7167	2.57974	0.947689
9/25/2025 0:00	73303	20271.5	0.27654	-1.2854
9/26/2025 0:00	73303	6560.9	0.0895	-2.41352
9/27/2025 0:00	73303	2989.86667	0.04079	-3.19932
9/28/2025 0:00	73303	467.86667	0.00638	-5.05459
9/29/2025 0:00	73303	8965.61667	0.12231	-2.1012
9/30/2025 0:00	73303	5582.4	0.07616	-2.57492
10/1/2025 0:00	73294	9044.9	0.12341	-2.09224
10/2/2025 0:00	73294	3471.91667	0.04737	-3.04977
10/3/2025 0:00	73294	21320.06667	0.29088	-1.23484
10/4/2025 0:00	73294	2798.66667	0.03818	-3.26544
10/5/2025 0:00	73294	1428.81667	0.01949	-3.93785
10/6/2025 0:00	73294	25219.15	0.34408	-1.06688
10/7/2025 0:00	73294	44150.6	0.60238	-0.50687
10/8/2025 0:00	73294	5464.33333	0.07455	-2.59629
10/9/2025 0:00	73294	75920.85	1.03584	0.035213
10/10/2025 0:00	73294	1102.21667	0.01504	-4.19704
10/11/2025 0:00	73294	1948.1	0.02658	-3.6276
10/12/2025 0:00	73294	1531.4	0.02089	-3.86848
10/13/2025 0:00	73294	143404.9	1.95657	0.671193
10/14/2025 0:00	73294	19881.2	0.27125	-1.30471
10/15/2025 0:00	73294	31111.83333	0.42448	-0.85689
10/16/2025 0:00	73294	103715.65	1.41506	0.347172
10/17/2025 0:00	73294	4736.98333	0.06463	-2.73908
10/18/2025 0:00	73294	11142.38333	0.15202	-1.88374
10/19/2025 0:00	73294	1817324.633	24.795	3.210642
10/20/2025 0:00	73294	90169.2	1.23024	0.207209
10/21/2025 0:00	73294	9721.4	0.13264	-2.02012
10/22/2025 0:00	73294	9853.21667	0.13443	-2.00671
10/23/2025 0:00	73294	5130.85	0.07	-2.65926
10/24/2025 0:00	73294	8374.81667	0.11426	-2.16928
10/25/2025 0:00	73294	13092.46667	0.17863	-1.72244
10/26/2025 0:00	73294	9329.13333	0.12728	-2.06137
10/27/2025 0:00	73294	29600.65	0.40386	-0.90669
10/28/2025 0:00	73294	2970.75	0.04053	-3.20571
10/29/2025 0:00	73294	26896.85	0.36697	-1.00248
10/30/2025 0:00	73294	36103.55	0.49259	-0.70808
10/31/2025 0:00	73294	4940.95	0.06741	-2.69696
11/1/2025 0:00	73358	12441.93333	0.16961	-1.77425
11/2/2025 0:00	73358	25150.93333	0.34285	-1.07046
11/3/2025 0:00	73358	9132.1	0.12449	-2.08353
11/4/2025 0:00	73358	16132.78333	0.21992	-1.51449
11/5/2025 0:00	73358	15378.86667	0.20964	-1.56236
11/6/2025 0:00	73358	162693.2667	2.2178	0.796516
11/7/2025 0:00	73358	3645.91667	0.0497	-3.00175

11/8/2025 0:00	73358	15829.01667	0.21578	-1.5335
11/9/2025 0:00	73358	1000.53333	0.01364	-4.29475
11/10/2025 0:00	73358	42963.31667	0.58567	-0.535
11/11/2025 0:00	73358	8377.85	0.1142	-2.1698
11/12/2025 0:00	73358	39829.81667	0.54295	-0.61074
11/13/2025 0:00	73358	6200.91667	0.08453	-2.47065
11/14/2025 0:00	73358	1225.66667	0.01671	-4.09175
11/15/2025 0:00	73358	68544.78333	0.93439	-0.06786
11/16/2025 0:00	73358	24005.88333	0.32724	-1.11706
11/17/2025 0:00	73358	20114.46667	0.2742	-1.2939
11/18/2025 0:00	73358	131342.5167	1.79043	0.582456
11/19/2025 0:00	73358	56411.65	0.76899	-0.26268
11/20/2025 0:00	73358	3923.15	0.05348	-2.92845
11/21/2025 0:00	73358	17573.68333	0.23956	-1.42895
11/22/2025 0:00	73358	5495.3	0.07491	-2.59147
11/23/2025 0:00	73358	13605.21667	0.18546	-1.68492
11/24/2025 0:00	73358	4370.1	0.05957	-2.8206
11/25/2025 0:00	73358	25957.68333	0.35385	-1.03888
11/26/2025 0:00	73358	24246.36667	0.33052	-1.10709
11/27/2025 0:00	73358	5514.9	0.07518	-2.58787
11/28/2025 0:00	73358	184.8	0.00252	-5.9835
11/29/2025 0:00	73358	33304.16667	0.454	-0.78966
11/30/2025 0:00	73358	25402.36667	0.34628	-1.06051
12/1/2025 0:00	73365	8999.75	0.12267	-2.09826
12/2/2025 0:00	73365	11713.25	0.15966	-1.83471
12/3/2025 0:00	73365	98366.8	1.34079	0.293259
12/4/2025 0:00	73365	85780.48333	1.16923	0.156345
12/5/2025 0:00	73365	1361.55	0.01856	-3.98675
12/6/2025 0:00	73365	5617.28333	0.07657	-2.56955
12/7/2025 0:00	73365	9519.4	0.12975	-2.04215
12/8/2025 0:00	73365	1694.26667	0.02309	-3.76836
12/9/2025 0:00	73365	6291	0.08575	-2.45632
12/10/2025 0:00	73365	32637.25	0.44486	-0.81
12/11/2025 0:00	73365	7481.91667	0.10198	-2.28298
12/12/2025 0:00	73365	510.61667	0.00696	-4.96758
12/13/2025 0:00	73365	766	0.01044	-4.56211
12/14/2025 0:00	73365	7471.5	0.10184	-2.28435
12/15/2025 0:00	73365	8139.95	0.11095	-2.19868
12/16/2025 0:00	73365	70352.46667	0.95894	-0.04193
12/17/2025 0:00	73365	20444	0.27866	-1.27776
12/18/2025 0:00	73365	515942.5667	7.03254	1.950548
12/19/2025 0:00	73365	651006.2667	8.87353	2.183073
12/20/2025 0:00	73365	4433.4	0.06043	-2.80627
12/22/2025 0:00	73365	8474.83333	0.11552	-2.15831
12/23/2025 0:00	73365	6629.5	0.09036	-2.40395
12/24/2025 0:00	73365	4785.06667	0.06522	-2.72999
12/25/2025 0:00	73365	19611.8	0.26732	-1.31931
12/26/2025 0:00	73365	422.71667	0.00576	-5.15682
12/27/2025 0:00	73365	16138.5	0.21998	-1.51422
12/28/2025 0:00	73365	9092.66667	0.12394	-2.08796
12/29/2025 0:00	73365	252677.65	3.44412	1.236668
12/30/2025 0:00	73365	10232.63333	0.13948	-1.96983

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3904:

1. SUBSTATION NAME AND NUMBER

39/JABEZ

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

57 Red Oak Drive, Nancy, KY 42544

3. CIRCUIT NAME AND NUMBER

COOKS CHAPEL / #3904

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

FEEDS EAST HWY 196

5. TOTAL CIRCUIT LENGTH (MILES)

61.32

6. CUSTOMER COUNT FOR THIS CIRCUIT

711

7.. DATE OF LAST CIRCUIT TRIM (VM)

2019; SPRAY 2020

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

Animal - Small	9.78%
Customer Side	6.52%
Equipment Failure	5.43%
Lightning	1.09%
Other	2.17%
Planned	10.87%
Possible Hazard	3.26%
Tornado/Hurricane	4.35%
Trees	29.35%
Unknown	2.17%
Unknown Blink	18.48%
Vehicle	3.26%
Wind - No Trees	3.26%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

5.779612682

10. REPORTING YEAR (SAIDI)

9.071680274

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.03666961

12. REPORTING YEAR (SAIFI)

0.063986325

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR ROW & FRAMING INSPECTION.

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0102:

1. SUBSTATION NAME AND NUMBER
01/RUSSELL SPRINGS #1

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
64 Old Sano Road, Russell Springs, Ky 42642

3. CIRCUIT NAME AND NUMBER
BERNARD RIDGE / #0102

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS TOWARD BERNARD RIDGE

5. TOTAL CIRCUIT LENGTH (MILES)
44.68

6. CUSTOMER COUNT FOR THIS CIRCUIT
500

7.. DATE OF LAST CIRCUIT TRIM (VM)
2024

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

Animal - Small	15.56%
Customer Side	8.89%
Equipment Failure	11.11%
Other	2.22%
Planned	2.22%
Possible Hazard	6.67%
Tornado/Hurricane	26.67%
Trees	6.67%
Trees - Contractor	2.22%
Unknown	4.44%
Unknown Blink	8.89%
Vehicle	2.22%
Wind - No Trees	2.22%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.885298001

10. REPORTING YEAR (SAIDI)
1.325335795

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.011344194

12. REPORTING YEAR (SAIFI)
0.021962393

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR FUTURE SECTIONALIZING STUDY

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0105:

1. SUBSTATION NAME AND NUMBER
01/RUSSELL SPRINGS #2

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
64 Old Sano Road, Russell Springs, Ky 42642

3. CIRCUIT NAME AND NUMBER
WEST HWY 80 / #0105

4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS WEST ON HWY 80 HIGHWAY

5. TOTAL CIRCUIT LENGTH (MILES)
71.1

6. CUSTOMER COUNT FOR THIS CIRCUIT
761

7.. DATE OF LAST CIRCUIT TRIM (VM)
2024

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

Animal - Small	17.72%
Customer Side	6.33%
Equipment Failure	11.39%
Lightning	1.27%
Other	7.59%
Planned	1.27%
Possible Hazard	3.80%
Tornado/Hurricane	21.52%
Trees	17.72%
Trees - Contractor	2.53%
Unknown	2.53%
Unknown Blink	3.80%
Vehicle	1.27%
Wind - No Trees	1.27%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.806036569

10. REPORTING YEAR (SAIDI)
1.421490188

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.013792415

12. REPORTING YEAR (SAIFI)
0.016492308

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR FUTURE SECTIONALIZING STUDY

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0203:

1. SUBSTATION NAME AND NUMBER

02/WINDSOR

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1905 Highway 80, Windsor, KY 42565

3. CIRCUIT NAME AND NUMBER

GOSSER RIDGE / #0203

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

FEEDS SOUTH ON HIGHWAY 910

5. TOTAL CIRCUIT LENGTH (MILES)

80.47

6. CUSTOMER COUNT FOR THIS CIRCUIT

558

7.. DATE OF LAST CIRCUIT TRIM (VM)

2020; SPRAY 2021

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

Animal - Small	31.25%
Customer Side	4.17%
Equipment Failure	8.33%
Lightning	10.42%
Other	2.08%
Planned	10.42%
Tornado/Hurricane	16.67%
Trees	8.33%
Unknown Blink	4.17%
Vehicle	2.08%
Wind - No Trees	2.08%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.367300842

10. REPORTING YEAR (SAIDI)

1.37910906

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.011663352

12. REPORTING YEAR (SAIFI)

0.009244444

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR FUTURE SECTIONALIZING STUDY

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0301:

1. SUBSTATION NAME AND NUMBER

03/NANCY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

995 HWY 196, Nancy, KY 42544

3. CIRCUIT NAME AND NUMBER

NAOMI / #0301

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

FEEDS SOUTH SIEVERS RD

5. TOTAL CIRCUIT LENGTH (MILES)

90.14

6. CUSTOMER COUNT FOR THIS CIRCUIT

901

7.. DATE OF LAST CIRCUIT TRIM (VM)

2020

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

Animal - Small	9.52%
Choose Cause Code	0.79%
Customer Side	7.14%
Equipment Failure	5.56%
Lightning	2.38%
Load	0.79%
Other	2.38%
Planned	30.95%
Possible Hazard	5.56%
Power Supply	2.38%
Tornado/Hurricane	5.56%
Trees	16.67%
Unknown	3.17%
Unknown Blink	1.59%
Vehicle	3.97%
Wind - No Trees	1.59%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

5.92820696

10. REPORTING YEAR (SAIDI)

6.54679959

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.044725696

12. REPORTING YEAR (SAIFI)

0.065312821

13. CORRECTIVE ACTION PLAN

CIRCUIT EXPERIENCED SEVERAL PLANNED OUTAGES DUE TO WIRE UPGRADE

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0401:

1. SUBSTATION NAME AND NUMBER

04/MT OLIVE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

4968 Calvary Ridge Road, Yosemite, KY 42566

3. CIRCUIT NAME AND NUMBER

CALVERY RIDGE / #0401

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

FEEDS CALVERY RIDGE RD

5. TOTAL CIRCUIT LENGTH (MILES)

63.49

6. CUSTOMER COUNT FOR THIS CIRCUIT

454

7.. DATE OF LAST CIRCUIT TRIM (VM)

2020

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

Animal - Small	24.53%
Customer Side	9.43%
Equipment Failure	5.66%
Other	3.77%
Planned	9.43%
Possible Hazard	1.89%
Power Supply	1.89%
Tornado/Hurricane	1.89%
Trees	28.30%
Unknown	1.89%
Unknown Blink	3.77%
Vehicle	1.89%
Wind - No Trees	5.66%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

4.926348684

10. REPORTING YEAR (SAIDI)

8.969116718

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.028858239

12. REPORTING YEAR (SAIFI)

0.031644444

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR FUTURE SECTIONALIZING STUDY

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0402:

1. SUBSTATION NAME AND NUMBER

04/MT OLIVE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

4968 Calvary Ridge Road, Yosemite, KY 42566

3. CIRCUIT NAME AND NUMBER

WALLTOWN / #0402

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

FEEDS WALLTOWN

5. TOTAL CIRCUIT LENGTH (MILES)

83.6

6. CUSTOMER COUNT FOR THIS CIRCUIT

576

7.. DATE OF LAST CIRCUIT TRIM (VM)

2021

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

Animal - Small	14.29%
Customer Side	6.35%
Equipment Failure	11.11%
Lightning	4.76%
Other	6.35%
Planned	17.46%
Possible Hazard	6.35%
Power Supply	1.59%
Trees	15.87%
Unknown	4.76%
Unknown Blink	6.35%
Vehicle	1.59%
Wind - No Trees	3.17%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

2.64345962

10. REPORTING YEAR (SAIDI)

8.282672274

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.015638308

12. REPORTING YEAR (SAIFI)

0.033189744

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR FUTURE SECTIONALIZING STUDY & ROW NEEDS INVESTIGATED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0403:

1. SUBSTATION NAME AND NUMBER

04/MT OLIVE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

4968 Calvary Ridge Road, Yosemite, KY 42566

3. CIRCUIT NAME AND NUMBER

BROWN RIDGE / #0403

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

FEEDS TOWARDS FISHING CREEK

5. TOTAL CIRCUIT LENGTH (MILES)

31.03

6. CUSTOMER COUNT FOR THIS CIRCUIT

184

7.. DATE OF LAST CIRCUIT TRIM (VM)

2020

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

Animal - Small	17.24%
Customer Side	6.90%
Equipment Failure	6.90%
Lightning	10.34%
Planned	10.34%
Possible Hazard	10.34%
Tornado/Hurricane	3.45%
Trees	20.69%
Unknown	3.45%
Unknown Blink	3.45%
Wind - No Trees	6.90%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.353648196

10. REPORTING YEAR (SAIDI)

2.462635624

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.005589964

12. REPORTING YEAR (SAIFI)

0.006564103

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE DA

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0406:

1. SUBSTATION NAME AND NUMBER

04/MT OLIVE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

4968 Calvary Ridge Road, Yosemite, KY 42566

3. CIRCUIT NAME AND NUMBER

CASEY STONE / #0406

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

FEEDS TOWARD WINDSOR

5. TOTAL CIRCUIT LENGTH (MILES)

82.71

6. CUSTOMER COUNT FOR THIS CIRCUIT

527

7.. DATE OF LAST CIRCUIT TRIM (VM)

2020

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

Animal - Small	23.61%
Customer Side	8.33%
Equipment Failure	4.17%
Fire	1.39%
Lightning	11.11%
Other	4.17%
Planned	5.56%
Possible Hazard	4.17%
Tornado/Hurricane	4.17%
Trees	22.22%
Unknown	2.78%
Unknown Blink	1.39%
Vehicle	1.39%
Wind - No Trees	5.56%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

2.894018254

10. REPORTING YEAR (SAIDI)

3.836601299

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.028461428

12. REPORTING YEAR (SAIFI)

0.04254359

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE DA W/ WINDSOR CAINTOWN

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0501:

1. SUBSTATION NAME AND NUMBER

05/SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

105 Jared Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

INDUSTRIAL PARK / #0501

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

FEEDS TOWARD CABIN HOLLOW IND PARK

5. TOTAL CIRCUIT LENGTH (MILES)

5.05

6. CUSTOMER COUNT FOR THIS CIRCUIT

29

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Customer Side	12.50%
Lightning	25.00%
Planned	25.00%
Tornado/Hurricane	12.50%
Unknown	12.50%
Unknown Blink	12.50%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.017254869

10. REPORTING YEAR (SAIDI)

0.047203419

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.000165858

12. REPORTING YEAR (SAIFI)

0.000232479

13. CORRECTIVE ACTION PLAN

ADDRESSED CONCERN WITH "UNKNOWN" CAUSES. VERY SMALL CIRCUIT. NEED TO INSPECT ROW.

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0505:

1. SUBSTATION NAME AND NUMBER

05/SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

105 Jared Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

OAK HILL RD / #0505

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

FEEDS TOWARD HWY 27, ENDS AT KROGER

5. TOTAL CIRCUIT LENGTH (MILES)

10.82

6. CUSTOMER COUNT FOR THIS CIRCUIT

243

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Animal - Small	42.86%
Customer Side	14.29%
Equipment Failure	7.14%
Planned	7.14%
Tornado/Hurricane	7.14%
Unknown	7.14%
Unknown Blink	7.14%
Vehicle	7.14%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.134431658

10. REPORTING YEAR (SAIDI)

0.07821265

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.002541583

12. REPORTING YEAR (SAIFI)

0.004335043

13. CORRECTIVE ACTION PLAN

THIS CIRCUIT HAS HAD SECTIONALIZING DRAWN UP AND OBSERVED DIFFERENT/OPTIONAL FEED WITH GOLDEN HTS.

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0601:

1. SUBSTATION NAME AND NUMBER

06/EAST SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

126 Garner School Road, Somerset, KY 42503

3. CIRCUIT NAME AND NUMBER

TIE TO NELSON VALLEY / #0601

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

BACKFEED FOR NELSON VALLEY/EAST SOMERSET

5. TOTAL CIRCUIT LENGTH (MILES)

1.94

6. CUSTOMER COUNT FOR THIS CIRCUIT

11

7.. DATE OF LAST CIRCUIT TRIM (VM)

2025

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

Other	25.00%
Possible Hazard	25.00%
Trees	25.00%
Unknown Blink	25.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.030196826

10. REPORTING YEAR (SAIDI)

0.010833778

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.00015647

12. REPORTING YEAR (SAIFI)

0.000218803

13. CORRECTIVE ACTION PLAN

ROW WAS TRIMMED 2025

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0602:

1. SUBSTATION NAME AND NUMBER

06/EAST SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

126 Garner School Road, Somerset, KY 42503

3. CIRCUIT NAME AND NUMBER

BOLTON SUBDIVISION / #0602

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

FEEDS BOLTON SUBDIVISION

5. TOTAL CIRCUIT LENGTH (MILES)

10.06

6. CUSTOMER COUNT FOR THIS CIRCUIT

131

7.. DATE OF LAST CIRCUIT TRIM (VM)

2025

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

Animal - Small	36.36%
Planned	9.09%
Tornado/Hurricane	9.09%
Trees	27.27%
Trees - Contractor	9.09%
Unknown Blink	9.09%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.292158549

10. REPORTING YEAR (SAIDI)

0.322131692

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.00184177

12. REPORTING YEAR (SAIFI)

0.000902564

13. CORRECTIVE ACTION PLAN

ROW TRIMMED 2025

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0605:

1. SUBSTATION NAME AND NUMBER

06/EAST SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

126 Garner School Road, Somerset, KY 42503

3. CIRCUIT NAME AND NUMBER

GOFFTOWN / #0605

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

FEEDS GRUNDY RD AREA

5. TOTAL CIRCUIT LENGTH (MILES)

55.39

6. CUSTOMER COUNT FOR THIS CIRCUIT

529

7.. DATE OF LAST CIRCUIT TRIM (VM)

2026

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

Animal - Small	16.19%
Customer Side	3.81%
Equipment Failure	1.90%
Other	2.86%
Planned	44.76%
Possible Hazard	2.86%
Tornado/Hurricane	4.76%
Trees	15.24%
Unknown	0.95%
Unknown Blink	0.95%
Vehicle	2.86%
Wind - No Trees	2.86%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

5.507504502

10. REPORTING YEAR (SAIDI)

4.290252308

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.02813452

12. REPORTING YEAR (SAIFI)

0.031494017

13. CORRECTIVE ACTION PLAN

ROW TO BE TRIMMED 2026

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0701:

1. SUBSTATION NAME AND NUMBER

07/SHOPVILLE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

130 Dahl Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

STAB / #0701

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

FEEDS EAST HWY 80

5. TOTAL CIRCUIT LENGTH (MILES)

144.91

6. CUSTOMER COUNT FOR THIS CIRCUIT

855

7.. DATE OF LAST CIRCUIT TRIM (VM)

2026

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

Animal - Small	7.77%
Customer Side	4.37%
Equipment Failure	2.91%
Ice/Snow - No Trees	0.49%
Lightning	3.40%
Other	3.88%
Planned	26.21%
Possible Hazard	2.43%
Tornado/Hurricane	10.19%
Trees	30.10%
Trees - Contractor	2.91%
Trees - w/ Ice	0.49%
Unknown	2.43%
Unknown Blink	1.46%
Vehicle	0.97%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

11.43193038

10. REPORTING YEAR (SAIDI)

14.06822195

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.05481317

12. REPORTING YEAR (SAIFI)

0.066215385

13. CORRECTIVE ACTION PLAN

VERY LARGE CIRCUIT. ROW BEING TRIMMED 2026 ALSO NEEDS COORDINATION PERFORMED AND POSSIBLY SECTIONALIZING RECONFIGURED.

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0703:

1. SUBSTATION NAME AND NUMBER
07/SHOPVILLE
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
130 Dahl Road, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
BARNESBURG / #0703
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS WEST ON HIGHWAY 80 TOWARD SUGAR HILL
5. TOTAL CIRCUIT LENGTH (MILES)
60.78
6. CUSTOMER COUNT FOR THIS CIRCUIT
492
- 7.. DATE OF LAST CIRCUIT TRIM (VM)
2019
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Animal - Small	10.71%
Customer Side	7.14%
Equipment Failure	3.57%
Lightning	8.93%
Other	3.57%
Planned	14.29%
Possible Hazard	1.79%
Power Supply	1.79%
Tornado/Hurricane	8.93%
Trees	25.00%
Unknown	8.93%
Unknown Blink	5.36%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.591655798

10. REPORTING YEAR (SAIDI)

2.112597607

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.01595324

12. REPORTING YEAR (SAIFI)

0.010365812

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR FUTURE SECTIONALIZING STUDY; ALSO CIRCUIT MAY UNDERGO MAJOR CHANGES DUE TO BARNESBURG POTENTIAL DEVELOPMENTS

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0803:

1. SUBSTATION NAME AND NUMBER

08/NORWOOD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

279 West Racetrak Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

PARKWAY MANOR / #0803

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

FEEDS TOWARD CLIFTY

5. TOTAL CIRCUIT LENGTH (MILES)

41.77

6. CUSTOMER COUNT FOR THIS CIRCUIT

645

7.. DATE OF LAST CIRCUIT TRIM (VM)

2025

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

Animal - Small	13.21%
Customer Side	5.66%
Equipment Failure	3.77%
Lightning	1.89%
Load	1.89%
Other	5.66%
Planned	11.32%
Possible Hazard	9.43%
Tornado/Hurricane	5.66%
Trees	22.64%
Trees - Contractor	5.66%
Unknown	5.66%
Unknown Blink	1.89%
Wind - No Trees	5.66%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.977959324

10. REPORTING YEAR (SAIDI)

1.452346256

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.012334135

12. REPORTING YEAR (SAIFI)

0.013415385

13. CORRECTIVE ACTION PLAN

CIRCUIT TRIMMED 2025 BUT ALSO NEEDS UPDATED COORDINATION STUDY PERFORMED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0901:

1. SUBSTATION NAME AND NUMBER

09/FLOYD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

859 Old Somerset Standford Road, Somerset, KY

3. CIRCUIT NAME AND NUMBER

ESTESBURG / #0901

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

FEEDS BACK TOWARD WOODSTOCK CHARLES ELGIN

5. TOTAL CIRCUIT LENGTH (MILES)

20.58

6. CUSTOMER COUNT FOR THIS CIRCUIT

193

7.. DATE OF LAST CIRCUIT TRIM (VM)

2025

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

Animal - Small	17.95%
Equipment Failure	2.56%
Lightning	2.56%
Planned	51.28%
Possible Hazard	10.26%
Tornado/Hurricane	2.56%
Trees	5.13%
Unknown Blink	7.69%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.078282192

10. REPORTING YEAR (SAIDI)

0.082946051

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.001090548

12. REPORTING YEAR (SAIFI)

0.000711111

13. CORRECTIVE ACTION PLAN

SEVERAL PLANNED OUTAGES DUE TO POLE ATTACHMENTS

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1003:

1. SUBSTATION NAME AND NUMBER

10/NORTH ALBANY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1028 Third Street, Albany, KY 42602

3. CIRCUIT NAME AND NUMBER

BURKESVILLE / #1003

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

FEEDS TOWARD BURKESVILLE

5. TOTAL CIRCUIT LENGTH (MILES)

72.63

6. CUSTOMER COUNT FOR THIS CIRCUIT

610

7.. DATE OF LAST CIRCUIT TRIM (VM)

2022

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

Animal - Small	15.38%
Customer Side	14.10%
Equipment Failure	6.41%
Lightning	5.13%
Load	1.28%
Other	6.41%
Planned	2.56%
Possible Hazard	8.97%
Tornado/Hurricane	1.28%
Trees	15.38%
Trees - Contractor	11.54%
Unknown	2.56%
Unknown Blink	5.13%
Vehicle	1.28%
Wind - No Trees	2.56%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.856190907

10. REPORTING YEAR (SAIDI)

1.424251624

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.014887132

12. REPORTING YEAR (SAIFI)

0.018557265

13. CORRECTIVE ACTION PLAN

CIRCUIT NEEDS TO BE VISUALLY INSPECTED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1105:

1. SUBSTATION NAME AND NUMBER

11/SOUTH ALBANY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

235 West Harper Lane, Albany, KY 42602

3. CIRCUIT NAME AND NUMBER

STATIC / #1105

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

FEEDS TOWARD STATIC AREA

5. TOTAL CIRCUIT LENGTH (MILES)

79.15

6. CUSTOMER COUNT FOR THIS CIRCUIT

723

7.. DATE OF LAST CIRCUIT TRIM (VM)

2021

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

Animal - Small	12.63%
Customer Side	12.63%
Equipment Failure	10.53%
Lightning	5.26%
Load	2.11%
Other	4.21%
Planned	1.05%
Possible Hazard	3.16%
Tornado/Hurricane	3.16%
Trees	16.84%
Trees - Contractor	6.32%
Unknown	8.42%
Unknown Blink	9.47%
Vehicle	3.16%
Wind - No Trees	1.05%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

5.056210257

10. REPORTING YEAR (SAIDI)

2.436754462

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.031339202

12. REPORTING YEAR (SAIFI)

0.016738462

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR ROW & VISUAL INSPECTION.

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1203:

1. SUBSTATION NAME AND NUMBER

12/SEWELLTON

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

44 Highway 55, Jamestown, KY 42629

3. CIRCUIT NAME AND NUMBER

WOLF CREEK DAM / #1203

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

FEEDS WOLF CREEK DAM

5. TOTAL CIRCUIT LENGTH (MILES)

50.91

6. CUSTOMER COUNT FOR THIS CIRCUIT

496

7.. DATE OF LAST CIRCUIT TRIM (VM)

2025

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

Animal - Small	11.29%
Customer Side	9.68%
Equipment Failure	6.45%
Lightning	3.23%
Other	6.45%
Planned	4.84%
Possible Hazard	1.61%
Tornado/Hurricane	1.61%
Trees	20.97%
Trees - Contractor	19.35%
Unknown Blink	11.29%
Vehicle	1.61%
Wind - No Trees	1.61%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

3.409435964

10. REPORTING YEAR (SAIDI)

2.980908718

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.028470943

12. REPORTING YEAR (SAIFI)

0.039904274

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE DA AND/OR ENHANCED SECTIONALIZING

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1303:

1. SUBSTATION NAME AND NUMBER

13/ZULA

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

191 HWY 1009 N, Monticello, KY 42653

3. CIRCUIT NAME AND NUMBER

POWERSBURG / #1303

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

FEEDS SOUTH FROM ZULA

5. TOTAL CIRCUIT LENGTH (MILES)

108.96

6. CUSTOMER COUNT FOR THIS CIRCUIT

673

7.. DATE OF LAST CIRCUIT TRIM (VM)

2020; SPRAY 2022

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

Animal - Small	6.90%
Customer Side	3.45%
Equipment Failure	1.15%
Lightning	3.45%
Other	3.45%
Planned	2.30%
Possible Hazard	2.30%
Tornado/Hurricane	8.05%
Trees	50.57%
Unknown	4.60%
Unknown Blink	3.45%
Vehicle	4.60%
Wind - No Trees	5.75%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

2.450456838

10. REPORTING YEAR (SAIDI)

3.608809299

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.020805059

12. REPORTING YEAR (SAIFI)

0.038892308

13. CORRECTIVE ACTION PLAN

CIRCUIT ROW NEEDS VISUALLY INSPECTED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1401:

1. SUBSTATION NAME AND NUMBER

14/MONTICELLO

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

422 Hardwood Drive, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

ROGERS GROVE / #1401

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

FEEDS TOWARD HWY 90 THEN NORTH

5. TOTAL CIRCUIT LENGTH (MILES)

26.56

6. CUSTOMER COUNT FOR THIS CIRCUIT

374

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Animal - Small	3.23%
Customer Side	16.13%
Equipment Failure	3.23%
Lightning	6.45%
Other	3.23%
Planned	3.23%
Possible Hazard	12.90%
Power Supply	3.23%
Trees	16.13%
Unknown	3.23%
Unknown Blink	22.58%
Wind - No Trees	6.45%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.482151086

10. REPORTING YEAR (SAIDI)

1.105158291

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.005768166

12. REPORTING YEAR (SAIFI)

0.010680342

13. CORRECTIVE ACTION PLAN

CIRCUIT INTERRUPTIONS WILL NEED TO BE IDENTIFIED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1403:

1. SUBSTATION NAME AND NUMBER

14/MONTICELLO

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

422 Hardwood Drive, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

COLONIAL ESTATES / #1403

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

FEEDS COLONIAL EST 7.2KV

5. TOTAL CIRCUIT LENGTH (MILES)

9.19

6. CUSTOMER COUNT FOR THIS CIRCUIT

119

7.. DATE OF LAST CIRCUIT TRIM (VM)

2022

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

Animal - Small	45.45%
Customer Side	9.09%
Equipment Failure	9.09%
Power Supply	9.09%
Unknown Blink	27.27%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.01974528

10. REPORTING YEAR (SAIDI)

0.008794803

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.000175717

12. REPORTING YEAR (SAIFI)

0.000191453

13. CORRECTIVE ACTION PLAN

POSSIBLY CONSIDER ANIMAL GUARD PLACEMENTS

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1404:

1. SUBSTATION NAME AND NUMBER

14/MONTICELLO

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

422 Hardwood Drive, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

SPAN HILL / #1404

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

FEEDS SOUTH EAST OF WAYNE CO

5. TOTAL CIRCUIT LENGTH (MILES)

172.55

6. CUSTOMER COUNT FOR THIS CIRCUIT

1089

7.. DATE OF LAST CIRCUIT TRIM (VM)

2021

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

Animal - Small	8.89%
Customer Side	8.15%
Equipment Failure	4.44%
Lightning	7.41%
Other	4.44%
Planned	11.85%
Possible Hazard	2.96%
Power Supply	0.74%
Tornado/Hurricane	3.70%
Trees	38.52%
Unknown Blink	2.22%
Vehicle	0.74%
Wind - No Trees	5.93%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

6.147804507

10. REPORTING YEAR (SAIDI)

6.963041094

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.060114726

12. REPORTING YEAR (SAIFI)

0.052964103

13. CORRECTIVE ACTION PLAN

VERY LARGE CIRCUIT. CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE DA

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1502:

1. SUBSTATION NAME AND NUMBER

15/BRONSTON #1

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2373 HWY 790, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

TWIN RIVERS / #1502

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

FEEDS TOWARD TWIN RIVERS

5. TOTAL CIRCUIT LENGTH (MILES)

46.8

6. CUSTOMER COUNT FOR THIS CIRCUIT

774

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Animal - Small	9.33%
Customer Side	17.33%
Equipment Failure	8.00%
Lightning	4.00%
Other	14.67%
Planned	2.67%
Possible Hazard	2.67%
Power Supply	2.67%
Tornado/Hurricane	2.67%
Trees	21.33%
Unknown	1.33%
Unknown Blink	10.67%
Vehicle	2.67%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.366246853

10. REPORTING YEAR (SAIDI)

0.96858735

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.01267193

12. REPORTING YEAR (SAIFI)

0.015111111

13. CORRECTIVE ACTION PLAN

FURTHER EXAMINATION NEEDS TO TAKE PLACE ON OUTAGE CAUSES

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1504:

1. SUBSTATION NAME AND NUMBER

15/BRONSTON #1

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2373 HWY 790, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

TATEVILLE / #1504

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

FEEDS SOUTH OF TOWARD TATEVILLE

5. TOTAL CIRCUIT LENGTH (MILES)

76.28

6. CUSTOMER COUNT FOR THIS CIRCUIT

973

7.. DATE OF LAST CIRCUIT TRIM (VM)

2021

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

Animal - Small	7.41%
Choose Cause Code	4.44%
Customer Side	10.37%
Equipment Failure	10.37%
Lightning	0.74%
Load	0.74%
Other	3.70%
Planned	10.37%
Possible Hazard	6.67%
Power Supply	1.48%
Tornado/Hurricane	5.19%
Trees	31.11%
Unknown	1.48%
Unknown Blink	1.48%
Wind - No Trees	4.44%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

9.390927985

10. REPORTING YEAR (SAIDI)

11.00942154

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.059642831

12. REPORTING YEAR (SAIFI)

0.064068376

13. CORRECTIVE ACTION PLAN

ROW TO BE INSPECTED, AND POSSBLY PUT ON BID ROTATION

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1505:

1. SUBSTATION NAME AND NUMBER

15/BRONSTON #2

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2373 HWY 790, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

WOODSON BEND / #1505

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

FEEDS WOODSON BEND RESORT

5. TOTAL CIRCUIT LENGTH (MILES)

22.75

6. CUSTOMER COUNT FOR THIS CIRCUIT

657

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Animal - Small	18.92%
Customer Side	16.22%
Lightning	5.41%
Load	8.11%
Planned	32.43%
Possible Hazard	5.41%
Power Supply	2.70%
Tornado/Hurricane	2.70%
Trees	2.70%
Unknown	2.70%
Unknown Blink	2.70%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

2.206493714

10. REPORTING YEAR (SAIDI)

1.489623521

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.014763892

12. REPORTING YEAR (SAIFI)

0.02402735

13. CORRECTIVE ACTION PLAN

SEVERAL PLANNED OUTAGES, DUE TO POLE ATTACHMENTS POSSIBLY

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1507:

1. SUBSTATION NAME AND NUMBER

15/BRONSTON #2

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2373 HWY 790, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

JACKSBORO / #1507

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

FEEDS JACKSBORO RD AND TOWARD 90

5. TOTAL CIRCUIT LENGTH (MILES)

49.02

6. CUSTOMER COUNT FOR THIS CIRCUIT

683

7.. DATE OF LAST CIRCUIT TRIM (VM)

2023

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

Animal - Small	10.77%
Customer Side	16.92%
Equipment Failure	13.85%
Lightning	4.62%
Other	3.08%
Planned	9.23%
Possible Hazard	1.54%
Power Supply	1.54%
Tornado/Hurricane	6.15%
Trees	15.38%
Unknown	3.08%
Unknown Blink	7.69%
Vehicle	1.54%
Wind - No Trees	4.62%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

2.606045888

10. REPORTING YEAR (SAIDI)

4.523476513

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.024162943

12. REPORTING YEAR (SAIFI)

0.037552137

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR INSPECTION FOR ANIMAL GAURDS & FURTHER EXAMINATION ON OTHER, ETC.

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1601:

1. SUBSTATION NAME AND NUMBER
16/MT. VICTORY
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
2444 Old Whitney Rd., Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
HWY 192 / #1601
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS ALL MT. VICTORY AREA
5. TOTAL CIRCUIT LENGTH (MILES)
102.68
6. CUSTOMER COUNT FOR THIS CIRCUIT
636
- 7.. DATE OF LAST CIRCUIT TRIM (VM)
2023
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Animal - Small	4.17%
Customer Side	11.46%
Equipment Failure	3.13%
Lightning	3.13%
Other	4.17%
Planned	7.29%
Possible Hazard	5.21%
Tornado/Hurricane	16.67%
Trees	34.38%
Trees - Contractor	1.04%
Unknown	2.08%
Unknown Blink	5.21%
Vehicle	1.04%
Wind - No Trees	1.04%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
10.87764085
10. REPORTING YEAR (SAIDI)
21.50224738
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.047357048
12. REPORTING YEAR (SAIFI)
0.04674188
13. CORRECTIVE ACTION PLAN

VERY LARGE & VERY RURAL CIRCUIT. CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE SECTIONALIZING ADDITIONS

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1702:

1. SUBSTATION NAME AND NUMBER

17/WHITLEY CITY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

15 Taylor Road Other, Whitley City, KY 42653

3. CIRCUIT NAME AND NUMBER

HILLTOP / #1702

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

FEEDS WEST ON HIGHWAY 92

5. TOTAL CIRCUIT LENGTH (MILES)

102.24

6. CUSTOMER COUNT FOR THIS CIRCUIT

676

7.. DATE OF LAST CIRCUIT TRIM (VM)

2023

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

Animal - Small	8.16%
Customer Side	3.06%
Equipment Failure	8.16%
Lightning	6.12%
Other	1.02%
Planned	12.24%
Possible Hazard	4.08%
Power Supply	3.06%
Tornado/Hurricane	6.12%
Trees	35.71%
Unknown	3.06%
Unknown Blink	1.02%
Vehicle	4.08%
Wind - No Trees	4.08%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

5.330646731

10. REPORTING YEAR (SAIDI)

9.535187009

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.023437213

12. REPORTING YEAR (SAIFI)

0.026817094

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE SECTIONALIZING STUDY

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1703:

1. SUBSTATION NAME AND NUMBER

17/WHITLEY CITY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

15 Taylor Road Other, Whitley City, KY 42653

3. CIRCUIT NAME AND NUMBER

NORTH HIGHWAY 27 / #1703

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

FEEDS NORTH ON HIGHWAY 27

5. TOTAL CIRCUIT LENGTH (MILES)

4.97

6. CUSTOMER COUNT FOR THIS CIRCUIT

84

7.. DATE OF LAST CIRCUIT TRIM (VM)

2026

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

Customer Side	12.50%
Equipment Failure	6.25%
Load	12.50%
Planned	25.00%
Trees	31.25%
Unknown	12.50%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.095855558

10. REPORTING YEAR (SAIDI)

0.050535111

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.001149565

12. REPORTING YEAR (SAIFI)

0.001517949

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE DA

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1703:

1. SUBSTATION NAME AND NUMBER

17/WHITLEY CITY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

15 Taylor Road Other, Whitley City, KY 42653

3. CIRCUIT NAME AND NUMBER

NORTH HIGHWAY 27 / #1703

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

FEEDS NORTH ON HIGHWAY 27

5. TOTAL CIRCUIT LENGTH (MILES)

19.73

6. CUSTOMER COUNT FOR THIS CIRCUIT

275

7.. DATE OF LAST CIRCUIT TRIM (VM)

2026

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

Animal - Small	11.54%
Customer Side	7.69%
Equipment Failure	1.92%
Lightning	11.54%
Other	5.77%
Planned	17.31%
Possible Hazard	1.92%
Power Supply	1.92%
Tornado/Hurricane	15.38%
Trees	21.15%
Unknown	3.85%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.739725577

10. REPORTING YEAR (SAIDI)

1.953517265

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.005427723

12. REPORTING YEAR (SAIFI)

0.010762393

13. CORRECTIVE ACTION PLAN

CIRCUIT EXPERENCED SEVERAL OUTAGE CAUSES, MAY NEED TO CONSIDER ROW AND ANIMAL GUARD/ARRESTOR INSPECTIONS.

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1802:

1. SUBSTATION NAME AND NUMBER
18/PINE KNOT
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
245 Pine Tree Road, Pine Knot, KY 42635
3. CIRCUIT NAME AND NUMBER
EAST HWY 92 / #1802
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS EAST ON HWY 92
5. TOTAL CIRCUIT LENGTH (MILES)
22.26
6. CUSTOMER COUNT FOR THIS CIRCUIT
346
7. DATE OF LAST CIRCUIT TRIM (VM)
2025
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Animal - Small	7.50%
Choose Cause Code	5.00%
Customer Side	12.50%
Equipment Failure	10.00%
Lightning	7.50%
Other	10.00%
Planned	7.50%
Tornado/Hurricane	2.50%
Trees	7.50%
Trees - Contractor	7.50%
Unknown Blink	17.50%
Wind - No Trees	5.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.613853834
10. REPORTING YEAR (SAIDI)
0.581476513
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.006487905
12. REPORTING YEAR (SAIFI)
0.007152137
13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE SECTIONALING ENHANCEMENT

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1804:

1. SUBSTATION NAME AND NUMBER

18/PINE KNOT

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

245 Pine Tree Road, Pine Knot, KY 42635

3. CIRCUIT NAME AND NUMBER

STRUNK / #1804

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

FEEDS SOUTH ON HIGHWAY 27

5. TOTAL CIRCUIT LENGTH (MILES)

134.79

6. CUSTOMER COUNT FOR THIS CIRCUIT

1280

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

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

Animal - Large	0.58%
Animal - Small	13.37%
Choose Cause Code	1.74%
Customer Side	7.56%
Equipment Failure	5.81%
Lightning	2.91%
Other	4.65%
Planned	13.37%
Possible Hazard	5.23%
Power Supply	1.16%
Tornado/Hurricane	5.23%
Trees	21.51%
Unknown	4.07%
Unknown Blink	6.98%
Vehicle	1.74%
Wind - No Trees	4.07%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

4.926609045

10. REPORTING YEAR (SAIDI)

9.434070427

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.047156022

12. REPORTING YEAR (SAIFI)

0.060335043

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1805:

1. SUBSTATION NAME AND NUMBER

18/PINE KNOT

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

245 Pine Tree Road, Pine Knot, KY 42635

3. CIRCUIT NAME AND NUMBER

WHITLEY CITY / #1805

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

FEEDS TOWARD WHITLEY CITY

5. TOTAL CIRCUIT LENGTH (MILES)

17.34

6. CUSTOMER COUNT FOR THIS CIRCUIT

194

7.. DATE OF LAST CIRCUIT TRIM (VM)

2026

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

Animal - Small	10.34%
Customer Side	17.24%
Equipment Failure	10.34%
Ice/Snow - No Trees	3.45%
Lightning	6.90%
Other	6.90%
Planned	3.45%
Possible Hazard	6.90%
Power Supply	3.45%
Tornado/Hurricane	3.45%
Trees	24.14%
Unknown Blink	3.45%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.552048445

10. REPORTING YEAR (SAIDI)

0.819583043

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.004290621

12. REPORTING YEAR (SAIFI)

0.005552137

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE SECTIONALIZING STUDY

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1902:

1. SUBSTATION NAME AND NUMBER

19/OAKHILL

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

230 North Nomans Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

GREEN MEADOWS / #1902

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

FEEDS GREEN MEADOWS SUBDIVISION

5. TOTAL CIRCUIT LENGTH (MILES)

31.03

6. CUSTOMER COUNT FOR THIS CIRCUIT

774

7.. DATE OF LAST CIRCUIT TRIM (VM)

2021

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

Animal - Small	15.38%
Customer Side	11.54%
Equipment Failure	5.77%
Lightning	3.85%
Other	11.54%
Planned	9.62%
Possible Hazard	13.46%
Tornado/Hurricane	13.46%
Trees	5.77%
Unknown	1.92%
Unknown Blink	7.69%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.107308374

10. REPORTING YEAR (SAIDI)

1.172467419

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.010697184

12. REPORTING YEAR (SAIFI)

0.014140171

13. CORRECTIVE ACTION PLAN

SEVERAL OUTAGE CAUSES, TORNADO PATH

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1903:

1. SUBSTATION NAME AND NUMBER

19/OAKHILL

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

230 North Nomans Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

OAK VALLEY / #1903

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

FEEDS TOWARD SOUTH OAKHILL

5. TOTAL CIRCUIT LENGTH (MILES)

18.12

6. CUSTOMER COUNT FOR THIS CIRCUIT

323

7.. DATE OF LAST CIRCUIT TRIM (VM)

2023

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

Equipment Failure	12.50%
Lightning	12.50%
Planned	12.50%
Possible Hazard	25.00%
Tornado/Hurricane	12.50%
Unknown Blink	25.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.067317481

10. REPORTING YEAR (SAIDI)

0.090595556

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.001992893

12. REPORTING YEAR (SAIFI)

0.000328205

13. CORRECTIVE ACTION PLAN

SHORT CIRCUIT, NEEDS INVESTIGATED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2004:

1. SUBSTATION NAME AND NUMBER

20/ASAHI

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1272 HWY 461, Somerset, KY 42503

3. CIRCUIT NAME AND NUMBER

TO DAHL RD / #2004

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

FEEDS INDUSTRIAL PARK AREA HWY 461

5. TOTAL CIRCUIT LENGTH (MILES)

1.01

6. CUSTOMER COUNT FOR THIS CIRCUIT

7

7.. DATE OF LAST CIRCUIT TRIM (VM)

2025

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

Equipment Failure 100.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.005327613

10. REPORTING YEAR (SAIDI)

0.008020239

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.000035756

12. REPORTING YEAR (SAIFI)

0.000095726

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2102:

1. SUBSTATION NAME AND NUMBER

21/WEST SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

160 Patterson Branch Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

WOODRIDGE / #2102

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

FEEDS EAST ON HWY 80

5. TOTAL CIRCUIT LENGTH (MILES)

45.69

6. CUSTOMER COUNT FOR THIS CIRCUIT

852

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Animal - Small	26.42%
Equipment Failure	11.32%
Other	13.21%
Planned	18.87%
Possible Hazard	5.66%
Tornado/Hurricane	9.43%
Unknown	3.77%
Unknown Blink	9.43%
Wind - No Trees	1.89%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.750744706

10. REPORTING YEAR (SAIDI)

2.517714051

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.018949693

12. REPORTING YEAR (SAIFI)

0.013921368

13. CORRECTIVE ACTION PLAN

SEVERAL PLANNED OUTAGES MAY BE DUE TO POLE REPLACEMENTS IN THE AREA

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2103:

1. SUBSTATION NAME AND NUMBER

21/WEST SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

160 Patterson Branch Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

OAK HILL SCHOOL / #2103

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

FEEDS MOST PATTERSON BRANCH AREA

5. TOTAL CIRCUIT LENGTH (MILES)

27.55

6. CUSTOMER COUNT FOR THIS CIRCUIT

645

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Animal - Small	20.45%
Choose Cause Code	2.27%
Customer Side	9.09%
Equipment Failure	2.27%
Lightning	11.36%
Other	2.27%
Planned	18.18%
Possible Hazard	11.36%
Tornado/Hurricane	2.27%
Trees	15.91%
Unknown	2.27%
Unknown Blink	2.27%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.942364215

10. REPORTING YEAR (SAIDI)

1.447344684

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.006992992

12. REPORTING YEAR (SAIFI)

0.012717949

13. CORRECTIVE ACTION PLAN

SEVERAL PLANNED OUTAGES DUE TO POLE REPLACEMENTS.

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2104:

1. SUBSTATION NAME AND NUMBER

21/WEST SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

160 Patterson Branch Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

LEES FORD / #2104

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

FEEDS TOWARD LEES FORD MARINA

5. TOTAL CIRCUIT LENGTH (MILES)

24.15

6. CUSTOMER COUNT FOR THIS CIRCUIT

396

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Animal - Small	12.50%
Customer Side	7.50%
Equipment Failure	5.00%
Fire	5.00%
Lightning	7.50%
Other	5.00%
Planned	17.50%
Possible Hazard	7.50%
Tornado/Hurricane	25.00%
Trees	2.50%
Unknown Blink	5.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.563534428

10. REPORTING YEAR (SAIDI)

1.712718085

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.003073462

12. REPORTING YEAR (SAIFI)

0.003473504

13. CORRECTIVE ACTION PLAN

PATH OF TORNADO

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2303:

1. SUBSTATION NAME AND NUMBER

23/CABIN HOLLOW

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

50 Commerce Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

CEDAR GROVE / #2303

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

FEEDS 1247 BYPASS TOWARDS CEDAR GROVE

5. TOTAL CIRCUIT LENGTH (MILES)

56.4

6. CUSTOMER COUNT FOR THIS CIRCUIT

500

7.. DATE OF LAST CIRCUIT TRIM (VM)

2022

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

Animal - Small	3.74%
Choose Cause Code	1.87%
Customer Side	6.54%
Equipment Failure	1.87%
Lightning	2.80%
Other	8.41%
Planned	30.84%
Possible Hazard	5.61%
Power Supply	1.87%
Tornado/Hurricane	12.15%
Trees	14.95%
Unknown	0.93%
Unknown Blink	4.67%
Vehicle	2.80%
Wind - No Trees	0.93%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

2.589709346

10. REPORTING YEAR (SAIDI)

3.458288821

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.01547324

12. REPORTING YEAR (SAIFI)

0.016779487

13. CORRECTIVE ACTION PLAN

SEVERAL PLANNED OUTAGES DUE TO POLE ATTACHMENT REPLACEMENTS

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2304:

1. SUBSTATION NAME AND NUMBER

23/CABIN HOLLOW

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

50 Commerce Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

HARTCO / #2304

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

FEEDS OLD HARTCO; ARMSTRONG

5. TOTAL CIRCUIT LENGTH (MILES)

1.11

6. CUSTOMER COUNT FOR THIS CIRCUIT

4

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Tornado/Hurricane	25.00%
Unknown	25.00%
Unknown Blink	50.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.001804047

10. REPORTING YEAR (SAIDI)

0.002477949

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.21682E-05

12. REPORTING YEAR (SAIFI)

5.47009E-05

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2402:

1. SUBSTATION NAME AND NUMBER

24/SOUTH FLOYD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

355 West Todd Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

TO BULL RD. / #2402

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

FEEDS OLD BULL RD.

5. TOTAL CIRCUIT LENGTH (MILES)

36.73

6. CUSTOMER COUNT FOR THIS CIRCUIT

317

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Animal - Small	16.39%
Customer Side	1.64%
Fire	3.28%
Lightning	3.28%
Other	1.64%
Planned	55.74%
Possible Hazard	3.28%
Tornado/Hurricane	6.56%
Trees	3.28%
Trees - w/ Ice	1.64%
Unknown Blink	1.64%
Vehicle	1.64%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.855935674

10. REPORTING YEAR (SAIDI)

1.749763419

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.007949472

12. REPORTING YEAR (SAIFI)

0.008779487

13. CORRECTIVE ACTION PLAN

MANY PLANNED OUTAGES TO DUE POLE ATTACHMENT REPLACEMENTS

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2403:

1. SUBSTATION NAME AND NUMBER

24/SOUTH FLOYD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

355 West Todd Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

TO CIRCLEVILLE / #2403

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

FEEDS EAST ON HWY 635

5. TOTAL CIRCUIT LENGTH (MILES)

43.46

6. CUSTOMER COUNT FOR THIS CIRCUIT

568

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Animal - Small	13.79%
Customer Side	17.24%
Equipment Failure	13.79%
Lightning	3.45%
Planned	10.34%
Possible Hazard	6.90%
Trees	24.14%
Unknown Blink	6.90%
Vehicle	3.45%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.358459289

10. REPORTING YEAR (SAIDI)

2.134006838

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.008263403

12. REPORTING YEAR (SAIFI)

0.009148718

13. CORRECTIVE ACTION PLAN

CIRCUIT SPLITS ODDLY AT BEGINNING OF FEEDER. ROW NEEDS INSPECTED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2404:

1. SUBSTATION NAME AND NUMBER

24/SOUTH FLOYD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

355 West Todd Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

MT ZION / #2404

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

FEEDS TOWARD MT ZION

5. TOTAL CIRCUIT LENGTH (MILES)

63.5

6. CUSTOMER COUNT FOR THIS CIRCUIT

670

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Animal - Small	14.85%
Customer Side	7.92%
Equipment Failure	3.96%
Lightning	2.97%
Other	4.95%
Planned	47.52%
Possible Hazard	0.99%
Trees	6.93%
Unknown	0.99%
Unknown Blink	1.98%
Vehicle	3.96%
Wind - No Trees	2.97%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.879873056

10. REPORTING YEAR (SAIDI)

3.655882803

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.0153204

12. REPORTING YEAR (SAIFI)

0.02754188

13. CORRECTIVE ACTION PLAN

SEVERAL PLANNED OUTAGES DUE TO POLES ATTACHMENT REPLACEMENTS AND WIRE UPGRADE

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2502:

1. SUBSTATION NAME AND NUMBER

25/SOUTH OAK HILL

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

78 Ferry Hill Drive, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

TO WADES WOODS / #2502

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

FEEDS WADES WOODS SUBDIVISION

5. TOTAL CIRCUIT LENGTH (MILES)

46.99

6. CUSTOMER COUNT FOR THIS CIRCUIT

873

7.. DATE OF LAST CIRCUIT TRIM (VM)

2023

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

Animal - Small	14.00%
Customer Side	6.00%
Equipment Failure	8.00%
Lightning	2.00%
Other	8.00%
Planned	26.00%
Possible Hazard	10.00%
Trees	12.00%
Unknown Blink	4.00%
Vehicle	2.00%
Wind - No Trees	8.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.546860743

10. REPORTING YEAR (SAIDI)

1.671232137

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.017269436

12. REPORTING YEAR (SAIFI)

0.014017094

13. CORRECTIVE ACTION PLAN

CIRCUIT NEEDS VISUALLY INSPECTED FOR OUTAGE CAUSES

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2602:

1. SUBSTATION NAME AND NUMBER

26/SNOW

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2694 KY HWY 90 W, Albany, KY 42602

3. CIRCUIT NAME AND NUMBER

CAGLE PLANT / #2602

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

FEEDS CAGLE PLANT

5. TOTAL CIRCUIT LENGTH (MILES)

2.18

6. CUSTOMER COUNT FOR THIS CIRCUIT

2

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

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

Unknown Blink

100.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.002693775

10. REPORTING YEAR (SAIDI)

0.000159043

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.2322E-05

12. REPORTING YEAR (SAIFI)

2.73504E-05

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2603:

1. SUBSTATION NAME AND NUMBER

26/SNOW

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2694 KY HWY 90 W, Albany, KY 42602

3. CIRCUIT NAME AND NUMBER

EAST HWY 90 / #2603

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

FEEDS EAST ON HWY 90

5. TOTAL CIRCUIT LENGTH (MILES)

5.47

6. CUSTOMER COUNT FOR THIS CIRCUIT

19

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

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

Planned

100.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.008171232

10. REPORTING YEAR (SAIDI)

0.004863179

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.000214646

12. REPORTING YEAR (SAIFI)

0.000259829

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2604:

1. SUBSTATION NAME AND NUMBER
26/SNOW
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
2694 KY HWY 90 W, Albany, KY 42602
3. CIRCUIT NAME AND NUMBER
HWY 1590 / #2604
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS HWY 1590
5. TOTAL CIRCUIT LENGTH (MILES)
71.39
6. CUSTOMER COUNT FOR THIS CIRCUIT
536
- 7.. DATE OF LAST CIRCUIT TRIM (VM)
2014
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Animal - Large	1.82%
Animal - Small	5.45%
Choose Cause Code	1.82%
Customer Side	12.73%
Equipment Failure	1.82%
Lightning	9.09%
Other	3.64%
Planned	10.91%
Possible Hazard	3.64%
Power Supply	1.82%
Tornado/Hurricane	3.64%
Trees	25.45%
Unknown	1.82%
Unknown Blink	10.91%
Vehicle	1.82%
Wind - No Trees	3.64%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.455797698
10. REPORTING YEAR (SAIDI)
2.315480342
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.012289805
12. REPORTING YEAR (SAIFI)
0.013935043
13. CORRECTIVE ACTION PLAN
CIRCUIT NEEDS VISUALLY INSPECTED FOR OUTAGE CAUSES

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2702:

1. SUBSTATION NAME AND NUMBER
27/SLAT
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
101 Whispering Pines, Monticello, KY 42633
3. CIRCUIT NAME AND NUMBER
PARNELL / #2702
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS BACK NORTH EAST FROM SUBSTATION, VERY RURAL
5. TOTAL CIRCUIT LENGTH (MILES)
152.79
6. CUSTOMER COUNT FOR THIS CIRCUIT
1650
- 7.. DATE OF LAST CIRCUIT TRIM (VM)
2023
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Animal - Small	14.89%
Choose Cause Code	0.71%
Customer Side	7.09%
Equipment Failure	7.80%
Lightning	4.96%
Load	0.71%
Other	6.38%
Planned	6.38%
Possible Hazard	4.96%
Power Supply	0.71%
Tornado/Hurricane	7.09%
Trees	14.89%
Unknown	5.67%
Unknown Blink	12.06%
Wind - No Trees	5.67%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
5.035191495
10. REPORTING YEAR (SAIDI)
4.707166632
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.055037626
12. REPORTING YEAR (SAIFI)
0.059063248
13. CORRECTIVE ACTION PLAN
CIRCUIT NEEDS VISUALLY INSPECTED FOR OUTAGE CAUSES

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2704:

1. SUBSTATION NAME AND NUMBER

27/SLAT

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

101 Whispering Pines, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

INDUSTRIAL PARK / #2704

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

FEEDS WEST ON HIGHWAY 90

5. TOTAL CIRCUIT LENGTH (MILES)

68.63

6. CUSTOMER COUNT FOR THIS CIRCUIT

546

7.. DATE OF LAST CIRCUIT TRIM (VM)

2021

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

Animal - Small	14.00%
Customer Side	6.00%
Equipment Failure	6.00%
Lightning	2.00%
Other	6.00%
Planned	6.00%
Possible Hazard	2.00%
Power Supply	2.00%
Tornado/Hurricane	12.00%
Trees	32.00%
Unknown	6.00%
Unknown Blink	2.00%
Wind - No Trees	4.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.370058777

10. REPORTING YEAR (SAIDI)

1.421366017

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.014500813

12. REPORTING YEAR (SAIFI)

0.014728205

13. CORRECTIVE ACTION PLAN

CIRCUIT NEEDS ROW INSPECTED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2803:

1. SUBSTATION NAME AND NUMBER

28/EAST PINE KNOT

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

142 North Clearcreek Road, Whitley City, KY 42653

3. CIRCUIT NAME AND NUMBER

EAST BETHEL RD / #2803

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

FEEDS EAST ON BETHEL RIDGE RD

5. TOTAL CIRCUIT LENGTH (MILES)

24.33

6. CUSTOMER COUNT FOR THIS CIRCUIT

275

7.. DATE OF LAST CIRCUIT TRIM (VM)

2026

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

Animal - Small	19.51%
Choose Cause Code	2.44%
Customer Side	2.44%
Equipment Failure	7.32%
Other	2.44%
Planned	9.76%
Possible Hazard	2.44%
Trees	31.71%
Unknown Blink	14.63%
Wind - No Trees	7.32%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.682812018

10. REPORTING YEAR (SAIDI)

1.102970667

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.005022495

12. REPORTING YEAR (SAIFI)

0.009695726

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE SECTIONALIZING

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2902:

1. SUBSTATION NAME AND NUMBER
29/CEMETERY ROAD
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
43 Parson Road,Waynesburg, KY 40489
3. CIRCUIT NAME AND NUMBER
WAYNESBURG / #2902
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS TOWARD WAYNESBURG
5. TOTAL CIRCUIT LENGTH (MILES)
64.42
6. CUSTOMER COUNT FOR THIS CIRCUIT
400
- 7.. DATE OF LAST CIRCUIT TRIM (VM)
2017
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Animal - Small	6.56%
Customer Side	8.20%
Lightning	1.64%
Other	3.28%
Planned	50.82%
Possible Hazard	4.92%
Power Supply	1.64%
Trees	16.39%
Unknown Blink	3.28%
Wind - No Trees	3.28%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
3.006628754
10. REPORTING YEAR (SAIDI)
3.302836376
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.020987456
12. REPORTING YEAR (SAIFI)
0.015220513
13. CORRECTIVE ACTION PLAN
CIRCUIT EXPERIENCED PLANNED OUTAGES DUE TO POLE ATTACHMENTS

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3003:

1. SUBSTATION NAME AND NUMBER
30/JAMESTOWN
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
764 S. Main Street, Jamestown, KY 42629
3. CIRCUIT NAME AND NUMBER
PLEASANT HILL / #3003
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS TOWARDS PLEASANT HILL RD
5. TOTAL CIRCUIT LENGTH (MILES)
77.3
6. CUSTOMER COUNT FOR THIS CIRCUIT
865
- 7.. DATE OF LAST CIRCUIT TRIM (VM)
2017; SPRAY 2018
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Animal - Small	9.46%
Customer Side	2.70%
Equipment Failure	9.46%
Fire	2.70%
Lightning	6.76%
Other	5.41%
Planned	5.41%
Possible Hazard	8.11%
Power Supply	1.35%
Tornado/Hurricane	17.57%
Trees	17.57%
Trees - Contractor	1.35%
Unknown	2.70%
Unknown Blink	8.11%
Wind - No Trees	1.35%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
2.615132969
10. REPORTING YEAR (SAIDI)
1.895297231
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.029068008
12. REPORTING YEAR (SAIFI)
0.033271795
13. CORRECTIVE ACTION PLAN
TORNADO PATH

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3101:

1. SUBSTATION NAME AND NUMBER

31/WIBORG

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

162 Beulah Heights Road, Whitley City, KY 42653

3. CIRCUIT NAME AND NUMBER

TO FLATROCK / #3101

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

FEEDS SOUTH ON HWY 27

5. TOTAL CIRCUIT LENGTH (MILES)

76.58

6. CUSTOMER COUNT FOR THIS CIRCUIT

849

7.. DATE OF LAST CIRCUIT TRIM (VM)

2025

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

Animal - Small	6.59%
Choose Cause Code	0.60%
Customer Side	5.39%
Equipment Failure	4.19%
Lightning	2.99%
Other	2.99%
Planned	49.70%
Possible Hazard	1.80%
Power Supply	1.20%
Tornado/Hurricane	0.60%
Trees	18.56%
Unknown	2.40%
Unknown Blink	1.80%
Vehicle	0.60%
Wind - No Trees	0.60%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

5.564967527

10. REPORTING YEAR (SAIDI)

15.49144848

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.033370026

12. REPORTING YEAR (SAIFI)

0.071124786

13. CORRECTIVE ACTION PLAN

PLANNED OUTAGES DUE TO POLE ATTACHMENT REPLACEMENTS

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3202:

1. SUBSTATION NAME AND NUMBER
32/NELSON VALLEY
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
134 Stilesville Road, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
STILESVILLE RD. / #3202
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS TOWARD STILESVILLE
5. TOTAL CIRCUIT LENGTH (MILES)
69.62
6. CUSTOMER COUNT FOR THIS CIRCUIT
710
- 7.. DATE OF LAST CIRCUIT TRIM (VM)
2023
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Animal - Small	21.62%
Customer Side	5.41%
Equipment Failure	10.81%
Lightning	2.70%
Other	2.70%
Planned	16.22%
Possible Hazard	2.70%
Power Supply	2.70%
Trees	8.11%
Trees - w/ Ice	2.70%
Unknown Blink	13.51%
Wind - No Trees	10.81%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.176812478
10. REPORTING YEAR (SAIDI)
2.091361094
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.013939614
12. REPORTING YEAR (SAIFI)
0.013538462
13. CORRECTIVE ACTION PLAN
POLE INSPECTIONS TARGETED SEVERAL POLE CHANGEOUTS

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3204:

1. SUBSTATION NAME AND NUMBER

32/NELSON VALLEY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

134 Stilesville Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

EAGLES NEST / #3204

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

FEEDS NORTH ON HWY 39

5. TOTAL CIRCUIT LENGTH (MILES)

25.65

6. CUSTOMER COUNT FOR THIS CIRCUIT

374

7.. DATE OF LAST CIRCUIT TRIM (VM)

2023

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

Animal - Small	14.00%
Choose Cause Code	12.00%
Customer Side	8.00%
Equipment Failure	4.00%
Lightning	2.00%
Load	2.00%
Planned	20.00%
Possible Hazard	4.00%
Tornado/Hurricane	4.00%
Trees	14.00%
Unknown	2.00%
Unknown Blink	8.00%
Wind - No Trees	6.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

2.042908106

10. REPORTING YEAR (SAIDI)

2.937334701

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.01437706

12. REPORTING YEAR (SAIFI)

0.032109402

13. CORRECTIVE ACTION PLAN

PLANNED OUTAGES WILL CONTINUE WITH SEVERAL POLES TARGETED FOR REPLACEMENTS

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3303:

1. SUBSTATION NAME AND NUMBER
33/ZOLLICOFFER
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
2675 HWY 235, Nancy, KY 42544
3. CIRCUIT NAME AND NUMBER
NORTH TO NANCY / #3303
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS NORTH ON 235 BACK TO NANCY
5. TOTAL CIRCUIT LENGTH (MILES)
50.97
6. CUSTOMER COUNT FOR THIS CIRCUIT
547
- 7.. DATE OF LAST CIRCUIT TRIM (VM)
2020
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Animal - Small	12.66%
Customer Side	10.13%
Equipment Failure	8.86%
Other	7.59%
Planned	11.39%
Possible Hazard	11.39%
Tornado/Hurricane	6.33%
Trees	1.27%
Unknown	2.53%
Unknown Blink	24.05%
Vehicle	2.53%
Wind - No Trees	1.27%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.189776161
10. REPORTING YEAR (SAIDI)
2.896949197
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.013510185
12. REPORTING YEAR (SAIFI)
0.033476923
13. CORRECTIVE ACTION PLAN
BLINK CAUSES NEED TO BE FURTHER INVESTIGATED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3402:

1. SUBSTATION NAME AND NUMBER
34/GAP OF RIDGE
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
71 Power Station Lane, Monticello, KY 42633
3. CIRCUIT NAME AND NUMBER
CONLEY BOTTOM / #3402
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS TOWARD CONLEY BOTTOM DOCK
5. TOTAL CIRCUIT LENGTH (MILES)
63.59
6. CUSTOMER COUNT FOR THIS CIRCUIT
947
- 7.. DATE OF LAST CIRCUIT TRIM (VM)
2025
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Animal - Small	22.99%
Choose Cause Code	1.15%
Customer Side	9.20%
Equipment Failure	4.60%
Lightning	1.15%
Other	2.30%
Planned	8.05%
Possible Hazard	6.90%
Tornado/Hurricane	1.15%
Trees	20.69%
Trees - Contractor	4.60%
Unknown	5.75%
Unknown Blink	5.75%
Wind - No Trees	5.75%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
3.748072994
10. REPORTING YEAR (SAIDI)
3.542450462
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.03186163
12. REPORTING YEAR (SAIFI)
0.032382906
13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE DA/SECTIONALIZING

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3504:

1. SUBSTATION NAME AND NUMBER
35/UPCHURCH
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
594 Wray Ridge Road, Albany, KY 42602
3. CIRCUIT NAME AND NUMBER
GRIDER HILL DOCK / #3504
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS GRIDER HILL DOCK
5. TOTAL CIRCUIT LENGTH (MILES)
116.67
6. CUSTOMER COUNT FOR THIS CIRCUIT
980
- 7.. DATE OF LAST CIRCUIT TRIM (VM)
2023
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Animal - Small	15.65%
Customer Side	6.96%
Equipment Failure	7.83%
Lightning	1.74%
Other	6.96%
Planned	6.09%
Possible Hazard	5.22%
Tornado/Hurricane	10.43%
Trees	26.96%
Unknown	3.48%
Vehicle	5.22%
Wind - No Trees	3.48%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
8.178150266
10. REPORTING YEAR (SAIDI)
9.123900444
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.0592205
12. REPORTING YEAR (SAIFI)
0.051241026
13. CORRECTIVE ACTION PLAN

CIRCUIT NEEDS TO BE INSPECTED FOR ROW. ALSO, SECTIONALIZING NEEDS TO BE REVIEWED.

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3601:

1. SUBSTATION NAME AND NUMBER

36/WEBBS CROSSROADS

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2925 N. Highway 127, Russell Springs, KY 42642

3. CIRCUIT NAME AND NUMBER

DECATUR / #3601

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

FEEDS NORTH HWY 127

5. TOTAL CIRCUIT LENGTH (MILES)

37.95

6. CUSTOMER COUNT FOR THIS CIRCUIT

291

7.. DATE OF LAST CIRCUIT TRIM (VM)

2025

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

Animal - Small	30.30%
Customer Side	15.15%
Planned	6.06%
Possible Hazard	3.03%
Tornado/Hurricane	3.03%
Trees	18.18%
Trees - Contractor	3.03%
Unknown	3.03%
Unknown Blink	15.15%
Vehicle	3.03%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.528825313

10. REPORTING YEAR (SAIDI)

0.611581402

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.006972828

12. REPORTING YEAR (SAIFI)

0.010201709

13. CORRECTIVE ACTION PLAN

ROW TRIMMED 2025

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3602:

1. SUBSTATION NAME AND NUMBER

36/WEBBS CROSSROADS

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2925 N. Highway 127, Russell Springs, KY 42642

3. CIRCUIT NAME AND NUMBER

EAST HIGHWAY 76 / #3602

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

FEEDS N 127 THEN EAST ON 76

5. TOTAL CIRCUIT LENGTH (MILES)

25.66

6. CUSTOMER COUNT FOR THIS CIRCUIT

255

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Animal - Small	37.50%
Equipment Failure	4.17%
Planned	4.17%
Trees	4.17%
Trees - w/ Ice	4.17%
Unknown Blink	29.17%
Vehicle	12.50%
Wind - No Trees	4.17%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.487499692

10. REPORTING YEAR (SAIDI)

0.617211624

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.006527969

12. REPORTING YEAR (SAIFI)

0.007507692

13. CORRECTIVE ACTION PLAN

NEED TO INVESTIGATE SMALL ANIMAL OUTAGES, CONSIDER FRAMING ISSUES

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3704:

1. SUBSTATION NAME AND NUMBER

37/WOODSTOCK

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

12472 HWY. 39, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

BANDY / #3704

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

FEEDS NORTH HWY 39

5. TOTAL CIRCUIT LENGTH (MILES)

15.3

6. CUSTOMER COUNT FOR THIS CIRCUIT

93

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Animal - Small	15.22%
Equipment Failure	2.17%
Other	2.17%
Planned	76.09%
Power Supply	2.17%
Unknown	2.17%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.257143146

10. REPORTING YEAR (SAIDI)

0.48297053

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.002634107

12. REPORTING YEAR (SAIFI)

0.003022222

13. CORRECTIVE ACTION PLAN

PLANNED OUTAGED DUE TO POLE ATTACHMENT REPLACEMENTS

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3801:

1. SUBSTATION NAME AND NUMBER

38/HOMESTEAD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

93 Rankin Street, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

BELDENS / #3801

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

FEEDS TOWARDS RETIRED BELDENS COMPANY

5. TOTAL CIRCUIT LENGTH (MILES)

34.14

6. CUSTOMER COUNT FOR THIS CIRCUIT

915

7.. DATE OF LAST CIRCUIT TRIM (VM)

2024

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

Animal - Small	6.25%
Customer Side	28.13%
Equipment Failure	3.13%
Other	6.25%
Planned	3.13%
Possible Hazard	3.13%
Trees	21.88%
Unknown	3.13%
Unknown Blink	12.50%
Vehicle	12.50%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.333461083

10. REPORTING YEAR (SAIDI)

1.015414974

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.019682375

12. REPORTING YEAR (SAIFI)

0.038864957

13. CORRECTIVE ACTION PLAN

CIRCUIT NEEDS VISUALLY INSPECTED, THIS IS DOWNTOWN MONTICELLO

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3802:

1. SUBSTATION NAME AND NUMBER
38/HOMESTEAD
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
93 Rankin Street, Monticello, KY 42633
3. CIRCUIT NAME AND NUMBER
MICHIGAN AVENUE / #3802
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS MICHIGAN AVE.
5. TOTAL CIRCUIT LENGTH (MILES)
36.17
6. CUSTOMER COUNT FOR THIS CIRCUIT
829
- 7.. DATE OF LAST CIRCUIT TRIM (VM)
2024
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Animal - Small	14.00%
Customer Side	16.00%
Equipment Failure	8.00%
Lightning	6.00%
Other	10.00%
Planned	8.00%
Possible Hazard	8.00%
Trees	16.00%
Unknown	4.00%
Unknown Blink	8.00%
Wind - No Trees	2.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.61650596
10. REPORTING YEAR (SAIDI)
0.614822838
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.005305608
12. REPORTING YEAR (SAIFI)
0.006304274
13. CORRECTIVE ACTION PLAN
CIRCUIT NEEDS INSPECTED AS THIS IS DOWNTOWN MONTICELLO

Vegetation Management Plan 2025 – 2026



As an electric distribution cooperative, South Kentucky Rural Electric Cooperative Corporation (“SKRECC” or “Cooperative”) is owned by the members it serves. An essential component of that relationship is the provision of safe, reliable, and economical electrical service to those members. A mission critical function to ensuring safe and reliable service is a robust and closely managed Right of Way (“ROW”) program. The program includes first-time cutting of ROW for construction of new distribution lines as well as periodically **maintaining existing ROW throughout the service territory. SKRECC cuts and clears ROWs for the safety of the public and SKRECC employees**, for access to enable our crews to find and repair damaged areas more quickly, and to minimize the opportunity for vegetation such as trees, brush, and vines from contacting our power lines thereby creating hazardous energized vegetation, power blinks and outages, and other unwanted events. A robust ROW program is required by virtue of accepted and customary rules within the electric utility industry, such as the National Electric Safety Code, and is further mandated by SKRECC’s regulator, the Kentucky Public Service Commission.

This Vegetation Management Plan is intended to be a general guide of important policies and procedures necessary to address the many ROW issues that are encountered on an almost daily basis. Communication of this Plan to SKRECC’s members, management and employees is essential to promote an open relationship between all stakeholders on this very important subject.

The diversity of terrain, development, and land use within our service territory requires SKRECC to employ a variety of methods and practices to provide a ROW plan that meets the needs of the Cooperative and its members. These methods include, but are not necessarily limited to, hand cutting, mechanical cutting, trimming, bush hogging and both low-volume and high-volume herbicide spraying, or a combination of some or all of these methods.

SKRECC members should understand and accept vegetation management as a necessary task to keep the lights on, but sometimes there are cases where our responsibility to trim or cut trees, remove vegetation, or spray brush within a member’s property creates tension and conflict. This situation is not unique to SKRECC, and in fact is a very common issue for a majority of electrical utilities.

The primary goals of this Vegetation Management Plan are: (1) to communicate our needs to control vegetation growth, (2) communicate our policies and procedures on how best to accomplish that task, and, (3) to balance our need of promoting system reliability with the concerns of our members that vegetation management activities be reasonable and as non-intrusive as possible.

Access to Member Owned Property to Conduct Vegetation Management Activities

In order to efficiently carry out any Vegetation Management Plan an electric utility such as SKRECC must have reasonable access to the location of the vegetation to be trimmed. The vast majority of this vegetation is located under or very near SKRECC’s power lines on property which is owned by our members who, by virtue of their receiving electric service, have granted SKRECC permission to enter upon their property to complete any needed vegetation management work. This permission is given by each member when he/she enters into the original application for electric service and is also part of SKRECC’s

corporate bylaws and its tariff on file with the Kentucky Public Service Commission. The extent of vegetation management work undertaken by SKRECC at a particular location will depend upon many factors such as the extent of vegetation growth, its proximity to SKRECC's power lines, the ability of equipment and personnel to access the location, the degree such vegetation poses a risk to SKRECC's power lines, and the continued reliability of its system. SKRECC and any contractors it has engaged to assist with this work shall exercise the absolute discretion on a case-by-case basis to determine the type and extent of vegetation management practices needed at a particular location in order to mitigate the risk of unnecessary service outages.

Power Restoration Events and Vegetation

During unanticipated power outages, SKRECC's sole focus is to restore service to its members as quickly and as safely as possible. Many of these outages are caused by vegetation either contacting or destroying the distribution lines that provide the power.

SKRECC's linemen are highly trained and experienced professionals that work very hard to restore power during these outages and it is very hard and dangerous work. Often times they find it necessary to trim or completely cut vegetation in order to complete power restoration safely and quickly.

Due to these circumstances, any limbs, brush, whole or partial trees, and other vegetation trimmed or cut in SKRECC's ROW during restoration events will be left where they fell and not removed by the Cooperative.

New Right of Way Cutting

Overhead Primary Distribution Lines

Overhead primary distribution lines are the uncoated wires that bring high voltage power from the substation to the transformers where it is reduced to normal voltages for use in homes, businesses, barns, etc.

New primary distribution Line ROWs are cut according to the line type. A single-phase line (1 conductor on top, 1 underneath) is cut and maintained with a minimum distance of 15' on each side of the centerline, 30' total. Two or three phase lines (2 or 3 conductors on top, one underneath) are cut with a minimum distance of 22.5' on each side of the centerline with a minimum of 45' total. Double circuit lines (2 sets of 3 conductors on top, 1 underneath) are cut with the same specs as a three-phase line. Poles that support the distribution lines are considered to have the same ROW clearing radius as the conductors. Any trees, saplings, etc., growing within these distances will need to be cleared to provide present and future line clearance and proper ground access to the lines and equipment.

Overhead Service and Secondary Lines

Overhead service lines are the coated conductors that run between the transformer pole and an outdoor light or the weather head on a structure or meter pole. These coated lines are energized at lower nominal service voltages.

Secondary lines are typically uncoated conductors that run for longer distances than service lines but, like service lines are energized at nominal service voltages. The service and secondary conductor ROW is trimmed generously during initial installation.

New ROW for service lines or secondary lines are cut with a minimum of 5 ft. clearance on each side, which includes trimming or cutting down trees.

Maintenance of Right of Way's

Many power outages are caused by vegetation growing into the power lines. Providing quality power to our members requires that we maintain our powerline ROWs. Tree removal, trimming, and cutting brush and vines is a very expensive process for SKRECC. In order to reduce costs and decrease outages thereby improving the Cooperative's reliability measures, we have implemented significant procedures in our Right of Way program.

South Ky RECC has committed to a six-year rotation on the vegetation management of our individual ROW circuits. Under this commitment, our entire 7,000-plus miles of power lines will be cut and maintained on a rotational basis, every six years, resulting in cleaner right of ways giving fewer total outages and blinks and increased accessibility in the event of need. We are also introducing modern power line trimming techniques such as directional trimming, which have been developed resulting in healthier, safer trees. However, these new techniques may make the tree look much different than if traditional techniques were employed.

ROW Maintenance - Overhead Primary Distribution Lines

Overhead primary voltages are very dangerous and deadly. For safety and line integrity, cutouts and breakers sectionalize the circuit to localize any line integrity issues that may arise. The sensitivity of these interrupters is such that voltages can escape through vegetation and become a safety hazard to people and animals if there is contact with the vegetation. Dead and dying trees and limbs, along with trees blown over by winds, touching the lines and causing outages are also primary distribution line events. Adequate ROW cutting and trimming is essential in order to supply safe and reliable power.

As in proper cutting of new ROW, periodic maintenance is equally important for the identical reasons. Trees fronting each side of the ROW shall be trimmed symmetrically, earth to sky, unless otherwise specified.

Vegetation Management Plan 2025 – 2026



Danger trees are any tree that is located outside of the regularly maintained Right of way that could cause damage to poles, conductors, guy wires, and other Coop equipment and men within the Right of Way in falling. Leaning trees, uprooting trees, diseased trees, and dead trees are to be considered danger trees if tall enough to hit the poles and lines. These trees will be trimmed back to the point that if they were to fall they wouldn't be tall enough to contact the poles and lines or they could be cut down completely.

Dead trees cause difficulties with our chippers and since the trees are dead and coming down on their own sooner than later, the Coop cannot cleanup the debris from dead trees but will locate it at the base of the dead tree, near the stump or stub.

ROW Maintenance - Overhead Service and Secondary Lines

Overhead service and secondary lines are less sensitive to contact from vegetation than the uncoated high voltage primary conductors. Due to this coating, limbs occasionally "bumping" these lines will not result in power quality issues, but if the limb lays on the line it may rub the protective cover leading to exposure of the conductor, and over time cause power quality issues. These service lines typically run through yards and spaces near the member being served.

Over time, the service or secondary lines are affected by member vegetation planting and/or tree or brush growth that must be addressed by trimming and/or spraying.

In maintaining service conductors, it is the policy of SKRECC to trim or cut the tree only if there is immediate danger to the service or secondary conductors and attachment points, or if there is significant contact with limbs and the service or secondary conductors. The disposition of any tree, cut or trimmed branches, and brush are the responsibility of the member.

If the tree is not an immediate danger to the line or attachment points, SKRECC will aid any tree cutter in the felling of the tree by disconnecting the service conductor to allow the tree to be cut without affecting the conductor, and replacing that conductor when the tree is on the ground and it is safe for the conductor connection to be restored.

ROW Maintenance – Service and Meter poles

Any tree or vegetation that presents a hazard to any SKRECC service or meter pole will be cut by SKRECC or its contractor representative and left for member clean up.

Service Poles have the same 10' ROW radius as the service conductor.

Methods of Right of Way Maintenance

SKRECC utilizes varied means of maintaining the rights of way that integrate to form the most effective means of keeping our rights of way clear and safe. These methods include differing trimming styles, tree growth regulators, bush hogging, mowing, and the application of herbicides.

ROW Maintenance - Directional Trimming

Directional trimming is an alternative that could be utilized on previously trimmed trees, leaving the tree healthier and will result in reduced line trimming costs. In directional trimming, only branches that grow toward the lines are trimmed. Branches that are growing out and away from the lines are left alone to continue growth. Also, no stubs are left to foster regrowth as the trimming is at another branch or crotch. These cuts heal well and minimize sprouting and decay when properly made.

Trees that are pruned with this method do not have the familiar shape. These trees will have a “V” shape if the lines are directly overhead or an “L” shape if the lines are to one side. Though this may appear to create an unbalanced look or weak looking crown, the healthy tree will grow to correct any lack of balance compared to topping the tree. Trees cut with this method have many advantages over topping. It leaves the tree nearly as healthy as before it was trimmed and the tree will not need to be trimmed as often as there are less sprouts growing toward the lines. This method also saves the Co-op expense by reducing trimming times and reducing the number of “wounds” to the tree that heal much better. This method also works well on young trees, allowing the crown to grow while removing just those branches growing toward the lines.

Spreading crown trees benefit the most from this technique of pruning; Conifers and other strong central leader trees are more difficult to trim with this method. Directional tree trimming does not solve all of the line clearance problems; it does not work well on older trees that have had many trimmings or have central leaders such as conifers and Lombardy poplars. In these situations, continued “flat topping” and tree growth regulator treatment may be used. However, tree removal and replacement, at a location that would eliminate any further issues, are preferable to the Co-op and may be very acceptable to the owner.

ROW Maintenance - Flat Topping

Topping is a traditional method of trimming that has been used to clear tree branches from the lines. It involves “flat topping” the tree at a certain level below the power lines, usually below the designated communication space reserved on the pole for telephone, cable, etc. This is a method that can be fairly quick; however, it leaves many stubs that can have a quick regrowth of the sprouts back into the lines. If this topping method is used, a growth regulator should be used to slow down that regrowth so that the tree would not require another trimming until the next circuit trimming cycle.

ROW Maintenance - Tree Growth Regulators

In order to maintain different species of trees on a circuit within a specified ROW maintenance cycle, a tree growth regulator or inhibitor may be used. Typically, these trees are yard trees that have been planted so that their growth intrudes on the ROW distances of the power lines. Tree Growth Regulator or TGR is not an herbicide. In fact, it's use is actually beneficial for trees by decreasing the amount of woody growth. TGR also promotes an increased root density, improved drought and heat resistance, and higher tolerance to insects and diseases. The TGR is injected into the soil around the base of the tree where it is readily absorbed by the roots, and it has a low mobility in the soil to maintain the integrity of ground water.

ROW Maintenance - Bush Hogging and Mowing

Although heavy vegetation growth in our right of ways sometimes requires bush hogging or manual cutting of the growths, this is an expensive and time-consuming solution in keeping ROWs clear. However, herbicide usage in the Daniel Boone National Forrest is banned, so all right of way brush clearing and maintenance must be completed by hand or mechanical means in those areas. Right of way mechanical or manual cutting and brush clearing has several undesirable maintenance results. Rapid regrowth often results in greater stem numbers, desirable vegetation being cut, and mechanical or hand maintenance is expensive versus herbicide use.

ROW Maintenance - Herbicides

SKRECC may utilize herbicides in maintenance of its right of ways. Applying herbicides within correct time periods after cutting can decrease or even eliminate future mechanical or manual cutting. We do not use Glyphosate (Roundup) herbicide. The herbicide mixtures used are effective, versatile, and pose minimal risks to non-target species. The mixture targets undesirable species, leaving grasses and desirable plant growth while affecting woody brush and saplings. The mixture is approved for spray right up to the water's edge.

There are two methods that may be used to apply the herbicide mixture, high volume, and low volume. Time and volume of application of herbicides is important to minimize relocation of herbicides onto unintended areas.

High volume application utilizes a vehicle with a mixture tank and pump to blanket spray the complete ROW area. This method is not selective and larger volumes of mixture are used.

Low volume utilizes a smaller vehicle and tank or backpack sprayers. The smaller vehicle allows the applicator to be somewhat more selective, resulting in greater accuracy and lower spray volumes.

Backpack spraying utilizes a number of individuals with small volume backpack sprayers that travel the right of ways, spot spraying as they go. This is the most efficient method in select ability and reduced spray volumes. This method provides greatest operator control and least danger of spray being misdirected, over-sprayed, or of unwanted relocation of herbicide.