South Kentucky RECC
A Touchstone Energy® Cooperative

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Somerset , KY 42502-0910
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May 1, 2023

Ms. Linda Bridwell, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40602

RE: Case No. 2011-00450

Dear Ms. Bridwell:

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

Please contact me if you have any questions.

Sincerely,

Kevin Newton
South Kentucky R.E.C.C.
Chief Operating Officer

KN:agb

Enclosures

KENTUCKY PUBLIC SERVICE COMMISSION

Electric Distribution Utility Annual Reliability Report

SECTION 1: CONTACT INFORMATION

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

SECTION 2: REPORTING YEAR

CALENDAR YEAR OF REPORT	2022

SECTION 3: MAJOR EVENT DAYS (MED)

T_{MED}	36.746
FIRST DATE USED TO DETERMINE T_{MED}	1/1/2017
LAST DATE USED TO DETERMINE T_{MED}	12/31/2021
NUMBER OF MED IN REPORT YEAR	0

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 70905 TOTAL CIRCUITS 143

Excluding MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	312.22	SAIDI	458.017
SAIFI	2.515	SAIFI	3.239

Including MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	586.061	SAIDI	458.017
SAIFI	2.865	SAIFI	3.239

Notes:

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

KENTUCKY PUBLIC SERVICE COMMISSION

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAME AND NUMBER

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 N
   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 - 2022"**

KENTUCKY PUBLIC SERVICE COMMISSION

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**
"Final VMP 2022-2023 1-26-23"

SECTION 7: UTILITY COMMENTS

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

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 2022/2023 and possibly even fixate on the circuits determined as worst performing in this report.

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

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

36.746 Avg. 2017-2021

alpha -1.66659
beta 2.021916

$T_{MED\ (2022)}$ **29.612712**

date	System Customers	cons min/day	SAIDI	Ln(SAIDI)
1/1/2022	70905	702088	9.901812	2.292718
1/10/2022	70905	5054.000001	0.071278	-2.64116
1/11/2022	70905	27933	0.39395	-0.93153
1/12/2022	70905	1608	0.022678	-3.78635
1/13/2022	70905	2345	0.033072	-3.40906
1/14/2022	70905	2827	0.03987	-3.22212
1/15/2022	70905	482	0.006798	-4.99115
1/16/2022	70905	958905	13.5238	2.604451
1/17/2022	70905	1326240	18.70446	2.928762
1/18/2022	70905	412690	5.820323	1.761356
1/19/2022	70905	65593	0.925083	-0.07787
1/2/2022	70905	101444	1.430703	0.358166
1/20/2022	70905	2325	0.03279	-3.41762
1/21/2022	70905	1283	0.018095	-4.01214
1/22/2022	70905	98111.99999	1.383711	0.324769
1/23/2022	70905	8816	0.124335	-2.08477
1/24/2022	70905	6673	0.094112	-2.36327
1/25/2022	70905	4664	0.065778	-2.72147
1/26/2022	70905	479525	6.762922	1.911455
1/27/2022	70905	32275	0.455187	-0.78705
1/28/2022	70905	255	0.003596	-5.62783
1/29/2022	70905	160391	2.262055	0.816274
1/3/2022	70905	159223	2.245582	0.808965
1/30/2022	70905	466	0.006572	-5.02491
1/31/2022	70905	4492	0.063352	-2.75904
1/4/2022	70905	12627	0.178083	-1.7255
1/5/2022	70905	204190	2.879769	1.05771
1/6/2022	70905	102	0.001439	-6.54412
1/7/2022	70905	12188	0.171892	-1.76089
1/8/2022	70905	155692	2.195783	0.786539
1/9/2022	70905	7370	0.103942	-2.26392
10/1/2022	70905	5226	0.073704	-2.60769
10/10/2022	70905	2465	0.034765	-3.35915
10/11/2022	70905	2153	0.030365	-3.49448
10/12/2022	70905	88429	1.247148	0.220859
10/13/2022	70905	19076	0.269036	-1.31291
10/14/2022	70905	1389	0.01959	-3.93276
10/15/2022	70905	5362	0.075622	-2.582
10/16/2022	70905	1079	0.015218	-4.18531
10/17/2022	70905	8218	0.115902	-2.15501
10/18/2022	70905	3120	0.044003	-3.12351
10/19/2022	70905	12440	0.175446	-1.74042
10/2/2022	70905	2499	0.035244	-3.34545
10/20/2022	70905	19589	0.276271	-1.28637
10/21/2022	70905	22865	0.322474	-1.13173
10/22/2022	70905	1112	0.015683	-4.15518
10/23/2022	70905	29745	0.419505	-0.86868
10/24/2022	70905	2943	0.041506	-3.18191
10/25/2022	70905	3573	0.050391	-2.98794
10/26/2022	70905	9037	0.127452	-2.06001
10/27/2022	70905	7009	0.098851	-2.31415
10/28/2022	70905	1666	0.023496	-3.75092
10/29/2022	70905	6723	0.094817	-2.35581
10/3/2022	70905	91390	1.288908	0.253795
10/30/2022	70905	10596	0.149439	-1.90086
10/31/2022	70905	12960	0.18278	-1.69947
10/4/2022	70905	2709	0.038206	-3.26476
10/5/2022	70905	1515	0.021367	-3.84593
10/6/2022	70905	33560	0.473309	-0.74801
10/7/2022	70905	12732	0.179564	-1.71722
10/8/2022	70905	2118	0.029871	-3.51087
10/9/2022	70905	446951	6.303519	1.841108
11/1/2022	70905	31993	0.451209	-0.79582
11/10/2022	70905	139456	1.966801	0.676408

22.61		2020
43.81		2021
66.74		2017
24.66		2018
25.91		2019
183.73		
36.746	Avg.	

36.746 Avg. 2017-2021

alpha -1.66659 $T_{MED\ (2022)}$ **29.612712**
beta 2.021916

11/11/2022	70905	17916	0.252676	-1.37565
11/12/2022	70905	18823	0.265468	-1.32626
11/13/2022	70905	15438	0.217728	-1.52451
11/14/2022	70905	5194	0.073253	-2.61384
11/15/2022	70905	3868	0.054552	-2.9086
11/16/2022	70905	1863	0.026275	-3.63915
11/17/2022	70905	154	0.002172	-6.13214
11/18/2022	70905	138005	1.946337	0.665949
11/19/2022	70905	2133	0.030083	-3.50381
11/2/2022	70905	5981	0.084352	-2.47275
11/20/2022	70905	596	0.008406	-4.77886
11/21/2022	70905	6046	0.085269	-2.46194
11/22/2022	70905	3120	0.044003	-3.12351
11/23/2022	70905	8295	0.116988	-2.14569
11/24/2022	70905	1245	0.017559	-4.04221
11/25/2022	70905	15604	0.220069	-1.51381
11/26/2022	70905	3217	0.045371	-3.09289
11/27/2022	70905	1026754	14.4807	2.672817
11/28/2022	70905	13436	0.189493	-1.6634
11/29/2022	70905	271623	3.830802	1.343074
11/3/2022	70905	1617	0.022805	-3.78077
11/30/2022	70905	401590	5.663775	1.734091
11/4/2022	70905	8402	0.118497	-2.13287
11/5/2022	70905	586741	8.27503	2.113243
11/6/2022	70905	2267	0.031972	-3.44288
11/7/2022	70905	151536	2.137169	0.759482
11/8/2022	70905	3071	0.043311	-3.13934
11/9/2022	70905	3393	0.047853	-3.03963
12/1/2022	70905	140764	1.985248	0.685744
12/10/2022	70905	946	0.013342	-4.31685
12/11/2022	70905	1046	0.014752	-4.21637
12/12/2022	70905	4442	0.062647	-2.77024
12/13/2022	70905	2321	0.032734	-3.41934
12/14/2022	70905	1164	0.016416	-4.10948
12/15/2022	70905	973	0.013723	-4.28871
12/16/2022	70905	5497	0.077526	-2.55714
12/19/2022	70905	6205.000001	0.087511	-2.43599
12/2/2022	70905	48262	0.680657	-0.3847
12/20/2022	70905	12443	0.175488	-1.74018
12/21/2022	70905	2048	0.028884	-3.54448
12/22/2022	70905	168405	2.375079	0.865031
12/23/2022	70905	524974	7.403907	2.002008
12/24/2022	70905	113377	1.598999	0.469378
12/25/2022	70905	1243	0.01753	-4.04381
12/26/2022	70905	55076	0.776758	-0.25263
12/27/2022	70905	25381	0.357958	-1.02734
12/28/2022	70905	8081	0.113969	-2.17183
12/29/2022	70905	1404	0.019801	-3.92202
12/3/2022	70905	64643	0.911685	-0.09246
12/30/2022	70905	13843	0.195233	-1.63356
12/4/2022	70905	2320	0.03272	-3.41977
12/5/2022	70905	1964	0.027699	-3.58636
12/6/2022	70905	21579	0.304337	-1.18962
12/7/2022	70905	16482	0.232452	-1.45907
12/8/2022	70905	14666	0.20684	-1.57581
12/9/2022	70905	3615	0.050984	-2.97625
2/1/2022	70905	9100	0.128341	-2.05307
2/10/2022	70905	1963	0.027685	-3.58687
2/11/2022	70905	85574.99999	1.206897	0.188052
2/12/2022	70905	25751	0.363176	-1.01287
2/13/2022	70905	9919	0.139891	-1.96689
2/14/2022	70905	7304	0.103011	-2.27292
2/15/2022	70905	247663	3.492885	1.250728
2/16/2022	70905	119135	1.680206	0.518916
2/17/2022	70905	1367762	19.29006	2.95959
2/18/2022	70905	104086	1.467964	0.383877

36.746 Avg. 2017-2021

alpha -1.66659 $T_{MED\ (2022)}$ **29.612712**
beta 2.021916

2/19/2022	70905	14817	0.20897	-1.56557
2/2/2022	70905	2841	0.040068	-3.21718
2/20/2022	70905	1923	0.027121	-3.60745
2/21/2022	70905	8335	0.117552	-2.14088
2/22/2022	70905	476690	6.722939	1.905525
2/23/2022	70905	3928	0.055398	-2.89321
2/24/2022	70905	14268	0.201227	-1.60332
2/25/2022	70905	19708	0.277949	-1.28032
2/26/2022	70905	258	0.003639	-5.61614
2/27/2022	70905	6170	0.087018	-2.44164
2/28/2022	70905	3833	0.054058	-2.91769
2/3/2022	70905	139540	1.967985	0.67701
2/4/2022	70905	264	0.003723	-5.59315
2/5/2022	70905	5798	0.081771	-2.50383
2/6/2022	70905	821	0.011579	-4.45857
2/7/2022	70905	35580	0.501798	-0.68956
2/8/2022	70905	295	0.00416	-5.48212
2/9/2022	70905	4968	0.070066	-2.65832
3/1/2022	70905	838	0.011819	-4.43808
3/10/2022	70905	1193	0.016825	-4.08487
3/11/2022	70905	10456	0.147465	-1.91416
3/12/2022	70905	153568	2.165828	0.772803
3/13/2022	70905	435	0.006135	-5.09375
3/14/2022	70905	2365	0.033354	-3.40056
3/15/2022	70905	8076	0.113899	-2.17244
3/16/2022	70905	2780	0.039207	-3.23889
3/17/2022	70905	5599	0.078965	-2.53875
3/18/2022	70905	30394	0.428658	-0.8471
3/19/2022	70905	20968	0.29572	-1.21834
3/2/2022	70905	5402	0.076186	-2.57457
3/20/2022	70905	2690	0.037938	-3.2718
3/21/2022	70905	12958	0.182752	-1.69963
3/22/2022	70905	12433	0.175347	-1.74099
3/23/2022	70905	122773	1.731514	0.548996
3/24/2022	70905	6877.000001	0.096989	-2.33316
3/25/2022	70905	12279	0.173175	-1.75345
3/26/2022	70905	18573	0.261942	-1.33963
3/27/2022	70905	780	0.011001	-4.5098
3/28/2022	70905	12913	0.182117	-1.70311
3/29/2022	70905	784.0000001	0.011057	-4.50469
3/3/2022	70905	2776	0.039151	-3.24033
3/30/2022	70905	1084905	15.30083	2.727907
3/31/2022	70905	1003806	14.15706	2.650213
3/4/2022	70905	3774	0.053226	-2.93321
3/5/2022	70905	36080	0.50885	-0.6756
3/6/2022	70905	3098	0.043692	-3.13058
3/7/2022	70905	47037	0.663381	-0.41041
3/8/2022	70905	1284	0.018109	-4.01136
3/9/2022	70905	15729	0.221832	-1.50583
4/1/2022	70905	5949	0.083901	-2.47812
4/10/2022	70905	2806	0.039574	-3.22958
4/11/2022	70905	14202	0.200296	-1.60796
4/12/2022	70905	38373.99999	0.541203	-0.61396
4/13/2022	70905	146429	2.065144	0.7252
4/14/2022	70905	118495	1.67118	0.51353
4/15/2022	70905	97181	1.37058	0.315234
4/16/2022	70905	111	0.001565	-6.45957
4/17/2022	70905	172	0.002426	-6.0216
4/18/2022	70905	180025	2.538961	0.931755
4/19/2022	70905	8816	0.124335	-2.08477
4/2/2022	70905	7722	0.108906	-2.21727
4/20/2022	70905	1537	0.021677	-3.83151
4/21/2022	70905	1061	0.014964	-4.20213
4/22/2022	70905	2044	0.028827	-3.54643
4/23/2022	70905	39929	0.563134	-0.57424
4/24/2022	70905	2997	0.042268	-3.16373

36.746 Avg. 2017-2021

alpha -1.66659 $T_{MED\ (2022)}$ **29.612712**
beta 2.021916

4/25/2022	70905	11900	0.16783	-1.7848
4/26/2022	70905	113122	1.595402	0.467126
4/27/2022	70905	3773	0.053212	-2.93347
4/28/2022	70905	3399	0.047937	-3.03786
4/29/2022	70905	655	0.009238	-4.68446
4/3/2022	70905	38	0.000536	-7.53151
4/30/2022	70905	2835	0.039983	-3.2193
4/4/2022	70905	36334	0.512432	-0.66859
4/5/2022	70905	3901	0.055017	-2.90011
4/6/2022	70905	283812	4.002708	1.386971
4/7/2022	70905	6084	0.085805	-2.45568
4/8/2022	70905	674.9999998	0.00952	-4.65438
4/9/2022	70905	266	0.003751	-5.5856
5/1/2022	70905	9843	0.13882	-1.97458
5/10/2022	70905	4505	0.063536	-2.75615
5/11/2022	70905	8534	0.120358	-2.11728
5/12/2022	70905	328790	4.63705	1.534078
5/13/2022	70905	569	0.008025	-4.82522
5/14/2022	70905	14653	0.206657	-1.5767
5/15/2022	70905	64960	0.916155	-0.08757
5/16/2022	70905	17704	0.249686	-1.38755
5/17/2022	70905	1441	0.020323	-3.896
5/18/2022	70905	725997	10.23901	2.326205
5/19/2022	70905	137154	1.934335	0.659763
5/2/2022	70905	4961	0.069967	-2.65973
5/20/2022	70905	7622	0.107496	-2.2303
5/21/2022	70905	2286	0.03224	-3.43454
5/22/2022	70905	49978	0.704859	-0.34976
5/23/2022	70905	8123	0.114562	-2.16664
5/24/2022	70905	9985	0.140822	-1.96026
5/25/2022	70905	40871	0.576419	-0.55092
5/26/2022	70905	149010	2.101544	0.742672
5/27/2022	70905	16786	0.236739	-1.4408
5/28/2022	70905	10552	0.148819	-1.90503
5/29/2022	70905	5107	0.072026	-2.63073
5/3/2022	70905	56403	0.795473	-0.22882
5/30/2022	70905	5659	0.079811	-2.52809
5/31/2022	70905	8983	0.126691	-2.06601
5/4/2022	70905	867	0.012228	-4.40406
5/5/2022	70905	37100	0.523235	-0.64772
5/6/2022	70905	527829	7.444172	2.007431
5/7/2022	70905	34158	0.481743	-0.73034
5/8/2022	70905	943	0.013299	-4.32003
5/9/2022	70905	83156	1.17278	0.159377
6/1/2022	70905	1518	0.021409	-3.84395
6/10/2022	70905	4445	0.06269	-2.76956
6/11/2022	70905	5208	0.07345	-2.61115
6/12/2022	70905	2846	0.040138	-3.21543
6/13/2022	70905	79909	1.126987	0.119548
6/14/2022	70905	12073	0.17027	-1.77037
6/15/2022	70905	38234	0.539229	-0.61762
6/16/2022	70905	132936	1.874847	0.628527
6/17/2022	70905	2041152	28.78714	3.359929
6/18/2022	70905	69026	0.9735	-0.02686
6/19/2022	70905	11079	0.156251	-1.85629
6/2/2022	70905	50146	0.707228	-0.3464
6/20/2022	70905	17772	0.250645	-1.38372
6/21/2022	70905	36690	0.517453	-0.65884
6/22/2022	70905	80175	1.130738	0.122871
6/23/2022	70905	47175	0.665327	-0.40748
6/24/2022	70905	5260	0.074184	-2.60121
6/25/2022	70905	294840	4.15824	1.425092
6/26/2022	70905	35410	0.499401	-0.69435
6/27/2022	70905	82043	1.157083	0.145903
6/28/2022	70905	8215	0.115859	-2.15538
6/29/2022	70905	53105	0.74896	-0.28907

36.746 Avg. 2017-2021

alpha -1.66659 $T_{MED\ (2022)}$ **29.612712**
beta 2.021916

6/3/2022	70905	13474	0.190029	-1.66058
6/30/2022	70905	16322	0.230195	-1.46883
6/4/2022	70905	33326	0.470009	-0.755
6/5/2022	70905	1466	0.020676	-3.8788
6/6/2022	70905	25942	0.36587	-1.00548
6/7/2022	70905	566140	7.984486	2.0775
6/8/2022	70905	9175.999999	0.129413	-2.04475
6/9/2022	70905	89689	1.264918	0.235007
7/1/2022	70905	326403	4.603385	1.526792
7/10/2022	70905	4686	0.066088	-2.71676
7/11/2022	70905	11247	0.158621	-1.84124
7/12/2022	70905	975482	13.75759	2.621591
7/13/2022	70905	207098	2.920781	1.071851
7/14/2022	70905	8186	0.11545	-2.15892
7/15/2022	70905	5327	0.075129	-2.58855
7/16/2022	70905	11369	0.160341	-1.83045
7/17/2022	70905	16350	0.23059	-1.46711
7/18/2022	70905	102533	1.446062	0.368844
7/19/2022	70905	341697	4.819082	1.572583
7/2/2022	70905	1138	0.01605	-4.13207
7/20/2022	70905	499514	7.044835	1.952295
7/21/2022	70905	1334765	18.8247	2.93517
7/22/2022	70905	10142	0.143036	-1.94466
7/23/2022	70905	64807	0.913998	-0.08993
7/24/2022	70905	121241	1.709908	0.536439
7/25/2022	70905	25482	0.359382	-1.02337
7/26/2022	70905	107098	1.510444	0.412403
7/27/2022	70905	16828	0.237332	-1.4383
7/28/2022	70905	83725	1.180805	0.166197
7/29/2022	70905	26377	0.372005	-0.98885
7/3/2022	70905	16932	0.238798	-1.43214
7/30/2022	70905	20250	0.285593	-1.25319
7/31/2022	70905	56921	0.802778	-0.21968
7/4/2022	70905	7456	0.105155	-2.25232
7/5/2022	70905	157425	2.220224	0.797608
7/6/2022	70905	201812	2.846231	1.045996
7/7/2022	70905	295203	4.163359	1.426322
7/8/2022	70905	1475371	20.80771	3.035324
7/9/2022	70905	177416	2.502165	0.917156
8/1/2022	70905	8048	0.113504	-2.17592
8/10/2022	70905	188467	2.658021	0.977582
8/11/2022	70905	4862	0.068571	-2.67989
8/12/2022	70905	2005	0.028277	-3.5657
8/13/2022	70905	519	0.00732	-4.91719
8/14/2022	70905	5834.000001	0.082279	-2.49764
8/15/2022	70905	24040	0.339045	-1.08162
8/16/2022	70905	10221	0.144151	-1.9369
8/17/2022	70905	7731	0.109033	-2.2161
8/18/2022	70905	4942	0.069699	-2.66357
8/19/2022	70905	1716	0.024201	-3.72134
8/2/2022	70905	1628	0.02296	-3.77399
8/20/2022	70905	929	0.013102	-4.33499
8/21/2022	70905	10802	0.152345	-1.88161
8/22/2022	70905	20773	0.292969	-1.22769
8/24/2022	70905	8304	0.117114	-2.1446
8/25/2022	70905	7615.999999	0.107411	-2.23109
8/26/2022	70905	3356	0.047331	-3.05059
8/27/2022	70905	9885.000001	0.139412	-1.97032
8/28/2022	70905	9207	0.12985	-2.04138
8/29/2022	70905	130089	1.834694	0.606878
8/3/2022	70905	144383	2.036288	0.711129
8/30/2022	70905	48386	0.682406	-0.38213
8/31/2022	70905	473439	6.677089	1.898682
8/4/2022	70905	138976	1.960031	0.67296
8/5/2022	70905	176448	2.488513	0.911685
8/6/2022	70905	305528	4.308977	1.4607

36.746 Avg. 2017-2021

alpha -1.66659 $T_{MED\ (2022)}$ **29.612712**
beta 2.021916

8/7/2022	70905	26043	0.367294	-1.00159
8/8/2022	70905	9001	0.126945	-2.06401
8/9/2022	70905	126047	1.777688	0.575314
9/1/2022	70905	1881	0.026528	-3.62954
9/10/2022	70905	637	0.008984	-4.71233
9/11/2022	70905	80950	1.141668	0.132491
9/12/2022	70905	2703	0.038121	-3.26698
9/13/2022	70905	97835	1.379804	0.321941
9/14/2022	70905	7939.999999	0.111981	-2.18943
9/15/2022	70905	46076	0.649827	-0.43105
9/16/2022	70905	1548	0.021832	-3.82438
9/17/2022	70905	1029	0.014512	-4.23275
9/18/2022	70905	975	0.013751	-4.28666
9/19/2022	70905	61885	0.872788	-0.13606
9/2/2022	70905	15981	0.225386	-1.48994
9/20/2022	70905	8070	0.113814	-2.17319
9/21/2022	70905	348896	4.920612	1.593433
9/22/2022	70905	42041.00001	0.59292	-0.5227
9/23/2022	70905	3291	0.046414	-3.07015
9/24/2022	70905	5683	0.080149	-2.52386
9/25/2022	70905	3827	0.053974	-2.91926
9/26/2022	70905	6873	0.096933	-2.33374
9/27/2022	70905	148916	2.100219	0.742041
9/28/2022	70905	88037	1.241619	0.216416
9/29/2022	70905	1604	0.022622	-3.78884
9/3/2022	70905	3229	0.04554	-3.08917
9/30/2022	70905	5495	0.077498	-2.5575
9/4/2022	70905	72241	1.018842	0.018667
9/5/2022	70905	14723	0.207644	-1.57193
9/6/2022	70905	47421	0.668796	-0.40228
9/7/2022	70905	10398	0.146647	-1.91973
9/8/2022	70905	930.0000001	0.013116	-4.33391
9/9/2022	70905	8519	0.120147	-2.11904

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)
25.52
6. CUSTOMER COUNT FOR THIS CIRCUIT
498
7.. DATE OF LAST CIRCUIT TRIM (VM)
2010
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	17.24%
Broke Pole	3.45%
Defective Equipment	6.90%
Lighting	6.90%
Squirrel	13.79%
Transfomer Fuse Blown	6.90%
Transformer	6.90%
Trees	37.93%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.433819835
10. REPORTING YEAR (SAIDI)
0.477610888
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.006920868
12. REPORTING YEAR (SAIFI)
0.003822015
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 #0103:

1. SUBSTATION NAME AND NUMBER
   01/RUSSELL SPRINGS #1
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
   64 Old Sano Road, Russell Springs, Ky 42642
3. CIRCUIT NAME AND NUMBER
   FRENCH VALLEY IND. PARK / #0103
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
   FEEDS SOUTH ON HAILS HIGHWAY
5. TOTAL CIRCUIT LENGTH (MILES)
   12.91
6. CUSTOMER COUNT FOR THIS CIRCUIT
   152
7.. DATE OF LAST CIRCUIT TRIM (VM)
   2013
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	18.18%
Line Down	9.09%
Line Fuse	18.18%
Transfomer Fuse Blown	9.09%
Trees	45.45%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   0.327986844
10. REPORTING YEAR (SAIDI)
   0.617361258
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
   0.005593838
12. REPORTING YEAR (SAIFI)
   0.010041605
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 #0104:

1. SUBSTATION NAME AND NUMBER
   01/RUSSELL SPRINGS #2
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
   64 Old Sano Road, Russell Springs, Ky 42642
3. CIRCUIT NAME AND NUMBER
   HAILS HIGHWAY / #0104
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
   FEEDS SOUTH ON HAILS HIGHWAY
5. TOTAL CIRCUIT LENGTH (MILES)
   60.27
6. CUSTOMER COUNT FOR THIS CIRCUIT
   793
7.. DATE OF LAST CIRCUIT TRIM (VM)
   2012
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	10.26%
Broke Pole	5.13%
Customer Wiring	2.56%
Defective Equipment	7.69%
Lighting	5.13%
Line Down	5.13%
Line Fuse	5.13%
Squirrel	12.82%
Transfomer Fuse Blown	10.26%
Trees	25.64%
Unknown Cause	7.69%
Wind	2.56%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   1.702649702
10. REPORTING YEAR (SAIDI)
   3.27924688
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
   0.022726978
12. REPORTING YEAR (SAIFI)
   0.045412876
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 #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)
   48.2
6. CUSTOMER COUNT FOR THIS CIRCUIT
   585
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

Bird	15.79%
Customer Wiring	5.26%
Lighting	5.26%
Line Down	5.26%
Line Fuse	5.26%
Planned	2.63%
Squirrel	18.42%
Transfomer Fuse Blown	7.89%
Transformer	2.63%
Trees	21.05%
Unknown Cause	2.63%
Wind	7.89%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   1.673323892
10. REPORTING YEAR (SAIDI)
   1.166236514
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
   0.012860624
12. REPORTING YEAR (SAIFI)
   0.01490727
13. CORRECTIVE ACTION PLAN
   CKT WILL BE VISUALLY INSPECTED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0106:

1. SUBSTATION NAME AND NUMBER

01/RUSSELL SPRINGS #2

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

64 Old Sano Road, Russell Springs, Ky 42642

3. CIRCUIT NAME AND NUMBER

SANO / #0106

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

FEEDS NORTH ON OLD SANO RD

5. TOTAL CIRCUIT LENGTH (MILES)

60.22

6. CUSTOMER COUNT FOR THIS CIRCUIT

765

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

Bird	17.14%
Broke Pole	2.86%
Customer Wiring	2.86%
Defective Equipment	5.71%
Lighting	5.71%
Line Fuse	2.86%
Planned	2.86%
Squirrel	17.14%
Transfomer Fuse Blown	2.86%
Transformer	2.86%
Trees	20.00%
Unknown Cause	2.86%
Wind	14.29%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.306719573

10. REPORTING YEAR (SAIDI)

1.710993583

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.01866732

12. REPORTING YEAR (SAIFI)

0.017050984

13. CORRECTIVE ACTION PLAN

CKT WILL BE VISUALLY INSPECTED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0202:

1. SUBSTATION NAME AND NUMBER
02/WINDSOR
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
1905 Highway 80, Windsor, KY 42565
3. CIRCUIT NAME AND NUMBER
CAINTOWN / #0202
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS EAST TOWARD MT. OLIVE
5. TOTAL CIRCUIT LENGTH (MILES)
121.02
6. CUSTOMER COUNT FOR THIS CIRCUIT
1061
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

Bird	18.33%
Broke Pole	1.67%
Car Hit Pole	1.67%
Defective Equipment	5.00%
Lighting	1.67%
Line Down	8.33%
Squirrel	10.00%
Transfomer Fuse Blown	5.00%
Transformer	5.00%
Trees	30.00%
Unknown Cause	5.00%
Wind	8.33%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
2.684586142
10. REPORTING YEAR (SAIDI)
5.917100345
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.025005787
12. REPORTING YEAR (SAIFI)
0.032169805
13. CORRECTIVE ACTION PLAN
CIRCUIT ROW TO BE CUT ON CIRCUIT BID 2023

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)
64.2
6. CUSTOMER COUNT FOR THIS CIRCUIT
538
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

Bird	12.82%
Broke Pole	5.13%
Car Hit Pole	2.56%
Defective Equipment	7.69%
Lighting	2.56%
Line Down	7.69%
Line Fuse	10.26%
Squirrel	23.08%
Transfomer Fuse Blown	5.13%
Trees	17.95%
Unknown Cause	5.13%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.057207147
10. REPORTING YEAR (SAIDI)
0.947507228
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.011196793
12. REPORTING YEAR (SAIFI)
0.011339116
13. CORRECTIVE ACTION PLAN
CIRCUIT ROW TO BE CUT ON CIRCUIT BID 2023

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)
65.08
6. CUSTOMER COUNT FOR THIS CIRCUIT
898
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

Bird	8.89%
Broke Pole	6.67%
Lighting	2.22%
Line Down	4.44%
Line Fuse	4.44%
Planned	13.33%
Squirrel	8.89%
Transfomer Fuse Blown	17.78%
Transformer	2.22%
Trees	24.44%
Unknown Cause	4.44%
Wind	2.22%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
4.276625338
10. REPORTING YEAR (SAIDI)
10.09650941
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.024054641
12. REPORTING YEAR (SAIFI)
0.036654679
13. CORRECTIVE ACTION PLAN

CKT WILL BE VISUALLY INSPECTED & HIGHLY CONSIDERED FOR FUTURE SECTIONALIZING AND/OR COORDINATION STUDY

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0303:

1. SUBSTATION NAME AND NUMBER
03/NANCY
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
995 HWY 196, Nancy, KY 42544
3. CIRCUIT NAME AND NUMBER
HICKORY NUT / #0303
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS WEST ON HWY 80
5. TOTAL CIRCUIT LENGTH (MILES)
55.53
6. CUSTOMER COUNT FOR THIS CIRCUIT
539
7.. DATE OF LAST CIRCUIT TRIM (VM)
2016
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	5.88%
Customer Wiring	2.94%
Lighting	5.88%
Line Down	2.94%
Line Fuse	11.76%
Planned	8.82%
Squirrel	14.71%
Transfomer Fuse Blown	5.88%
Transformer	5.88%
Trees	29.41%
Unknown Cause	2.94%
Wind	2.94%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.126999394
10. REPORTING YEAR (SAIDI)
1.175488329
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.010400077
12. REPORTING YEAR (SAIFI)
0.010365983
13. CORRECTIVE ACTION PLAN

CKT WILL BE VISUALLY INSPECTED AND CONSIDERED FOR SECTIONALIZING/DA POSSIBILITIES

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0304:

1. SUBSTATION NAME AND NUMBER
03/NANCY
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
995 HWY 196, Nancy, KY 42544
3. CIRCUIT NAME AND NUMBER
LANETOWN-PINEY GROVE / #0304
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS EAST ON HWY 80
5. TOTAL CIRCUIT LENGTH (MILES)
38.92
6. CUSTOMER COUNT FOR THIS CIRCUIT
555
7.. DATE OF LAST CIRCUIT TRIM (VM)
2016
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	10.53%
Defective Equipment	2.63%
Lighting	2.63%
Line Down	7.89%
Line Fuse	13.16%
Planned	2.63%
Squirrel	10.53%
Transfomer Fuse Blown	18.42%
Trees	21.05%
Unknown Cause	5.26%
Wind	5.26%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.589162004
10. REPORTING YEAR (SAIDI)
4.216486849
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.019276617
12. REPORTING YEAR (SAIFI)
0.045060292
13. CORRECTIVE ACTION PLAN

CKT WILL BE VISUALLY INSPECTED AND CONSIDERED FOR SECTIONALIZING/DA POSSIBILITIES

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)
48.9
6. CUSTOMER COUNT FOR THIS CIRCUIT
507
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

Bird	**8%**
Broke Pole	**2%**
Defective Equipment	**2%**
Lighting	**2%**
Line Down	**2%**
Line Fuse	**6%**
Planned	**2%**
Squirrel	**22%**
Transfomer Fuse Blown	**8%**
Transformer	**4%**
Transmission/Power Supplier	**22%**
Trees	**16%**
Wind	4%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
4.078181284
10. REPORTING YEAR (SAIDI)
8.473901699
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.031535778
12. REPORTING YEAR (SAIFI)
0.037472675
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE VISUALLY INSPECTED AND CONSIDERED FOR POSSIBILITY OF FUTURE DA AND/OR SECTIONALIZING

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)
67.07
6. CUSTOMER COUNT FOR THIS CIRCUIT
656
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

Bird	11.11%
Broke Pole	3.70%
Customer Wiring	7.41%
Defective Equipment	11.11%
Lighting	3.70%
Planned	11.11%
Squirrel	3.70%
Transfomer Fuse Blown	11.11%
Transformer	7.41%
Transmission/Power Supplier	3.70%
Trees	25.93%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.583194206
10. REPORTING YEAR (SAIDI)
1.61582399
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.012613926
12. REPORTING YEAR (SAIFI)
0.015457302
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE VISUALLY INSPECTED AND CONSIDERED FOR POSSIBILITY OF FUTURE DA AND/OR SECTIONALIZING

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0403:

1. SUBSTATION NAME AND NUMBER
04/MT OLIVE
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
4968 Calvary Ridge Road, Yosemite, KY 42566
3. CIRCUIT NAME AND NUMBER
BROWN RIDGE / #0403
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS TOWARDS FISHING CREEK
5. TOTAL CIRCUIT LENGTH (MILES)
24.95
6. CUSTOMER COUNT FOR THIS CIRCUIT
195
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

Broke Pole	3.85%
Lighting	3.85%
Line Down	15.38%
Line Fuse	3.85%
Planned	7.69%
Squirrel	11.54%
Transfomer Fuse Blown	15.38%
Transmission/Power Supplier	3.85%
Trees	23.08%
Unknown Cause	3.85%
Wind	7.69%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.125992776
10. REPORTING YEAR (SAIDI)
2.535589874
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.00839739
12. REPORTING YEAR (SAIFI)
0.008913335
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)
66.63
6. CUSTOMER COUNT FOR THIS CIRCUIT
544
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

Bird	6.90%
Customer Wiring	3.45%
Defective Equipment	3.45%
Line Fuse	3.45%
Squirrel	20.69%
Transfomer Fuse Blown	6.90%
Transmission/Power Supplier	13.79%
Trees	31.03%
Wind	10.34%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
3.996037304
10. REPORTING YEAR (SAIDI)
4.620492208
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.033308722
12. REPORTING YEAR (SAIFI)
0.05089909
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 #0502:

1. SUBSTATION NAME AND NUMBER
05/SOMERSET
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
105 Jared Lane, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
ELIHU R/R CROSSING / #0502
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS TOWARD CABIN HOLLOW
5. TOTAL CIRCUIT LENGTH (MILES)
1.11
6. CUSTOMER COUNT FOR THIS CIRCUIT
10
7.. DATE OF LAST CIRCUIT TRIM (VM)
2012
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Lighting	11.11%
Line Fuse	11.11%
Planned	11.11%
Trees	55.56%
Wind	11.11%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.218901896
10. REPORTING YEAR (SAIDI)
1.039320217
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.001146678
12. REPORTING YEAR (SAIFI)
0.005458007
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 #0503:

1. SUBSTATION NAME AND NUMBER
05/SOMERSET
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
105 Jared Lane, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
SOMERSET BOAT DOCK / #0503
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS DOWN HWY 914 TOWARD SOMERSET BOAT DOCK
5. TOTAL CIRCUIT LENGTH (MILES)
14.24
6. CUSTOMER COUNT FOR THIS CIRCUIT
652
7.. DATE OF LAST CIRCUIT TRIM (VM)
2011
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Bird	3.13%
Defective Equipment	6.25%
Line Fuse	9.38%
Planned	12.50%
Squirrel	37.50%
Transfomer Fuse Blown	6.25%
Transformer	3.13%
Transmission/Power Supplier	3.13%
Trees	12.50%
Unknown Cause	3.13%
Wind	3.13%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.923053588
10. REPORTING YEAR (SAIDI)
2.086072915
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.010412598
12. REPORTING YEAR (SAIFI)
0.034186588
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE DA AND/OR SECTIONALIZING

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0504:

1. SUBSTATION NAME AND NUMBER
05/SOMERSET
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
105 Jared Lane, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
SOUTHERN HILLS / #0504
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS WEST ON PARKERS MILL RD.
5. TOTAL CIRCUIT LENGTH (MILES)
10.47
6. CUSTOMER COUNT FOR THIS CIRCUIT
462
7.. DATE OF LAST CIRCUIT TRIM (VM)
2010
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	5.26%
Customer Wiring	5.26%
Defective Equipment	15.79%
Line Down	5.26%
Line Fuse	5.26%
Planned	5.26%
Squirrel	10.53%
Transfomer Fuse Blown	21.05%
Transmission/Power Supplier	5.26%
Trees	15.79%
Wind	5.26%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.633473996
10. REPORTING YEAR (SAIDI)
1.0509414
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.006596665
12. REPORTING YEAR (SAIFI)
0.008123546
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE 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 #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)
   6.58
6. CUSTOMER COUNT FOR THIS CIRCUIT
   123
7.. DATE OF LAST CIRCUIT TRIM (VM)
   2019 SPRAY
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	26.67%
Broke Pole	13.33%
Squirrel	6.67%
Transfomer Fuse Blown	13.33%
Trees	40.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   0.236671393
10. REPORTING YEAR (SAIDI)
    0.679684084
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
    0.001764164
12. REPORTING YEAR (SAIFI)
    0.004710528
13. CORRECTIVE ACTION PLAN

CIRCUIT ROW WILL BE VISUALLY INSPECTED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0603:

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
   SUGAR HILL / #0603
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
   FEEDS EAST HWY 80
5. TOTAL CIRCUIT LENGTH (MILES)
   27.26
6. CUSTOMER COUNT FOR THIS CIRCUIT
   510
7.. DATE OF LAST CIRCUIT TRIM (VM)
   2019 SPRAY
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	10.87%
Broke Pole	2.17%
Defective Equipment	4.35%
Lighting	2.17%
Line Down	2.17%
Line Fuse	2.17%
Squirrel	32.61%
Transfomer Fuse Blown	13.04%
Trees	26.09%
Unknown Cause	2.17%
Wind	2.17%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   1.288514885
10. REPORTING YEAR (SAIDI)
   2.696650448
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
   0.017255794
12. REPORTING YEAR (SAIFI)
   0.0233834
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 #0604:

1. SUBSTATION NAME AND NUMBER
   06/EAST SOMERSET
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
   126 Garner School Road, Somerset, KY 42503
3. CIRCUIT NAME AND NUMBER
   EAST HWY 192 / #0604
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
   FEEDS EAST ON HWY 192
5. TOTAL CIRCUIT LENGTH (MILES)
   62.29
6. CUSTOMER COUNT FOR THIS CIRCUIT
   788
7.. DATE OF LAST CIRCUIT TRIM (VM)
   2016
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	5.63%
Broke Pole	5.63%
Defective Equipment	1.41%
Lighting	2.82%
Line Down	2.82%
Line Fuse	4.23%
Planned	2.82%
Squirrel	14.08%
Transfomer Fuse Blown	4.23%
Transformer	4.23%
Trees	33.80%
Unknown Cause	12.68%
Wind	5.63%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   6.542508814
10. REPORTING YEAR (SAIDI)
   18.06350751
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
   0.051397807
12. REPORTING YEAR (SAIFI)
   0.132106339
13. CORRECTIVE ACTION PLAN

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

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)
41.35
6. CUSTOMER COUNT FOR THIS CIRCUIT
560
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

Bird	7.69%
Defective Equipment	7.69%
Line Down	1.92%
Line Fuse	19.23%
Planned	3.85%
Squirrel	11.54%
Transfomer Fuse Blown	9.62%
Transformer	3.85%
Trees	25.00%
Unknown Cause	1.92%
Wind	7.69%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
3.020273586
10. REPORTING YEAR (SAIDI)
4.710598688
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.019685391
12. REPORTING YEAR (SAIFI)
0.024695014
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE DA AND/OR SECTIONALIZING

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)
118.45
6. CUSTOMER COUNT FOR THIS CIRCUIT
875
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

Bird	6.82%
Broke Pole	3.41%
Customer Wiring	3.41%
Defective Equipment	3.41%
Line Down	9.09%
Line Fuse	4.55%
Planned	5.68%
Squirrel	10.23%
Transfomer Fuse Blown	5.68%
Transformer	1.14%
Trees	38.64%
Unknown Cause	2.27%
Wind	5.68%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
6.48362337
10. REPORTING YEAR (SAIDI)
7.225978422
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.038092833
12. REPORTING YEAR (SAIFI)
0.031464636
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION 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 #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)
46.11
6. CUSTOMER COUNT FOR THIS CIRCUIT
562
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

Bird	9.38%
Defective Equipment	3.13%
Lighting	3.13%
Line Down	9.38%
Line Fuse	6.25%
Planned	6.25%
Squirrel	18.75%
Transfomer Fuse Blown	6.25%
Trees	31.25%
Unknown Cause	3.13%
Wind	3.13%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
3.068836463
10. REPORTING YEAR (SAIDI)
2.410619843
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.016286594
12. REPORTING YEAR (SAIFI)
0.022071786
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE DA DEPENDING UPON LOADING CONDITIONS

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0705:

1. SUBSTATION NAME AND NUMBER
07/SHOPVILLE
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
130 Dahl Road, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
VALLEY OAK / #0705
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS TOWARDS IND. PARK ON DAHL
5. TOTAL CIRCUIT LENGTH (MILES)
95.72
6. CUSTOMER COUNT FOR THIS CIRCUIT
752
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

Bird	18.60%
Broke Pole	2.33%
Defective Equipment	6.98%
Line Down	2.33%
Line Fuse	2.33%
Planned	4.65%
Squirrel	6.98%
Transfomer Fuse Blown	16.28%
Trees	25.58%
Unknown Cause	6.98%
Wind	6.98%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
3.817614769
10. REPORTING YEAR (SAIDI)
7.721331359
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.026619443
12. REPORTING YEAR (SAIFI)
0.042578097
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 #0804:

1. SUBSTATION NAME AND NUMBER
   08/NORWOOD
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
   279 West Racetrak Road, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
   BREEZY HILLS / #0804
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
   FEEDS CLIFTY RD.
5. TOTAL CIRCUIT LENGTH (MILES)
   22.04
6. CUSTOMER COUNT FOR THIS CIRCUIT
   522
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

Broke Pole	10.26%
Customer Wiring	7.69%
Line Fuse	15.38%
Planned	5.13%
Squirrel	15.38%
Transfomer Fuse Blown	17.95%
Transformer	2.56%
Trees	23.08%
Unknown Cause	2.56%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   1.442126256
10. REPORTING YEAR (SAIDI)
   2.407108102
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
   0.015027396
12. REPORTING YEAR (SAIFI)
   0.019631902
13. CORRECTIVE ACTION PLAN

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

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0903:

1. SUBSTATION NAME AND NUMBER
09/FLOYD
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
859 Old Somerset Standford Road, Somerset, KY
3. CIRCUIT NAME AND NUMBER
NORTH HWY 1247 / #0903
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS NORTH ON HWY 1247
5. TOTAL CIRCUIT LENGTH (MILES)
61.2
6. CUSTOMER COUNT FOR THIS CIRCUIT
599
7.. DATE OF LAST CIRCUIT TRIM (VM)
2016
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	4.17%
Lighting	4.17%
Line Down	8.33%
Line Fuse	20.83%
Squirrel	8.33%
Transfomer Fuse Blown	16.67%
Transformer	4.17%
Trees	29.17%
Wind	4.17%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
2.203350731
10. REPORTING YEAR (SAIDI)
3.326408575
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.013740664
12. REPORTING YEAR (SAIFI)
0.015753473
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 #0904:

1. SUBSTATION NAME AND NUMBER
09/FLOYD
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
859 Old Somerset Standford Road, Somerset, KY
3. CIRCUIT NAME AND NUMBER
SOUTH HWY 27 / #0904
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS SOUTH ON HWY 27
5. TOTAL CIRCUIT LENGTH (MILES)
6.67
6. CUSTOMER COUNT FOR THIS CIRCUIT
120
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

Defective Equipment	12.50%
Line Fuse	12.50%
Squirrel	25.00%
Trees	37.50%
Wind	12.50%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.172383586
10. REPORTING YEAR (SAIDI)
0.252295325
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.001120465
12. REPORTING YEAR (SAIFI)
0.00100134
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 #1001:

1. SUBSTATION NAME AND NUMBER
10/NORTH ALBANY
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
1028 Third Street, Albany, KY 42602
3. CIRCUIT NAME AND NUMBER
DOWNTOWN / #1001
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS TOWARD SOUTH ALBANY
5. TOTAL CIRCUIT LENGTH (MILES)
12.29
6. CUSTOMER COUNT FOR THIS CIRCUIT
773
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

Bird	21.21%
Customer Wiring	6.06%
Defective Equipment	9.09%
Line Down	9.09%
Line Fuse	6.06%
Squirrel	6.06%
Transfomer Fuse Blown	9.09%
Transformer	3.03%
Trees	24.24%
Unknown Cause	6.06%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.298889935
10. REPORTING YEAR (SAIDI)
2.996248501
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.013636903
12. REPORTING YEAR (SAIFI)
0.023115436
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE VISUALLY INSPECTED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1002:

1. SUBSTATION NAME AND NUMBER
10/NORTH ALBANY
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
1028 Third Street, Albany, KY 42602
3. CIRCUIT NAME AND NUMBER
DUVALL VALLEY / #1002
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS TOWARD DUVALL VALLEY
5. TOTAL CIRCUIT LENGTH (MILES)
51.97
6. CUSTOMER COUNT FOR THIS CIRCUIT
746
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

Bird	9.26%
Broke Pole	1.85%
Car Hit Pole	1.85%
Defective Equipment	5.56%
Lighting	1.85%
Line Down	1.85%
Line Fuse	5.56%
Squirrel	9.26%
Transfomer Fuse Blown	11.11%
Trees	40.74%
Unknown Cause	5.56%
Wind	5.56%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
3.002538906
10. REPORTING YEAR (SAIDI)
5.600141034
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.075955703
12. REPORTING YEAR (SAIFI)
0.027290036
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR ENHANCED SECTIONALIZING

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)
20.53
6. CUSTOMER COUNT FOR THIS CIRCUIT
360
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

Bird	7.69%
Line Fuse	15.38%
Trees	69.23%
Wind	7.69%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.265002988
10. REPORTING YEAR (SAIDI)
0.239968973
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.005536131
12. REPORTING YEAR (SAIFI)
0.011381426
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 #1004:

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
CLINTON CO SCHOOL / #1004
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS CLINTON CO HIGH SCHOOL
5. TOTAL CIRCUIT LENGTH (MILES)
4.66
6. CUSTOMER COUNT FOR THIS CIRCUIT
55
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

Bird 100.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.000662859
10. REPORTING YEAR (SAIDI)
0.003314294
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
1.41034E-05
12. REPORTING YEAR (SAIFI)
7.05169E-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 #1101:

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
ADAMS DOCK / #1101
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS ADAMS DOCK
5. TOTAL CIRCUIT LENGTH (MILES)
50.43
6. CUSTOMER COUNT FOR THIS CIRCUIT
970
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

Bird	5.97%
Broke Pole	5.97%
Line Down	4.48%
Line Fuse	5.97%
Squirrel	25.37%
Transfomer Fuse Blown	5.97%
Transformer	1.49%
Trees	34.33%
Unknown Cause	1.49%
Wind	8.96%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
5.344007553
10. REPORTING YEAR (SAIDI)
22.76673013
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.02564569
12. REPORTING YEAR (SAIFI)
0.082758621
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE VISUALLY INSPECTED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1102:

1. SUBSTATION NAME AND NUMBER
11/SOUTH ALBANY
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
235 West Harper Lane, Albany, KY 42602
3. CIRCUIT NAME AND NUMBER
WISDOM DOCK / #1102
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS WISDOM DOCK
5. TOTAL CIRCUIT LENGTH (MILES)
57.92
6. CUSTOMER COUNT FOR THIS CIRCUIT
772
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

Bird	13.89%
Lighting	2.78%
Line Down	5.56%
Line Fuse	2.78%
Squirrel	13.89%
Transfomer Fuse Blown	13.89%
Transformer	2.78%
Trees	30.56%
Unknown Cause	5.56%
Wind	8.33%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
2.812511255
10. REPORTING YEAR (SAIDI)
3.291009097
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.027501739
12. REPORTING YEAR (SAIFI)
0.024751428
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE VISUALLY INSPECTED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #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)
57.79
6. CUSTOMER COUNT FOR THIS CIRCUIT
745
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

Bird	15.22%
Customer Wiring	2.17%
Defective Equipment	2.17%
Line Down	10.87%
Line Fuse	6.52%
Squirrel	23.91%
Transfomer Fuse Blown	10.87%
Trees	23.91%
Unknown Cause	4.35%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
3.299071193
10. REPORTING YEAR (SAIDI)
7.622861575
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.032906556
12. REPORTING YEAR (SAIFI)
0.019420351
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR ENHANCED SECTIONALIZING

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1201:

1. SUBSTATION NAME AND NUMBER
12/SEWELLTON
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
44 Highway 55, Jamestown, KY 42629
3. CIRCUIT NAME AND NUMBER
STORY LANE / #1201
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS NORTH ON HWY 127
5. TOTAL CIRCUIT LENGTH (MILES)
20.58
6. CUSTOMER COUNT FOR THIS CIRCUIT
198
7.. DATE OF LAST CIRCUIT TRIM (VM)
2016
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Car Hit Pole	9.09%
Lighting	9.09%
Line Fuse	9.09%
Planned	9.09%
Squirrel	18.18%
Transfomer Fuse Blown	18.18%
Trees	27.27%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.130042655
10. REPORTING YEAR (SAIDI)
0.485099781
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.001801703
12. REPORTING YEAR (SAIFI)
0.007940202
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 #1203:

1. SUBSTATION NAME AND NUMBER
12/SEWELLTON
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
44 Highway 55, Jamestown, KY 42629
3. CIRCUIT NAME AND NUMBER
WOLF CREEK DAM / #1203
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS WOLF CREEK DAM
5. TOTAL CIRCUIT LENGTH (MILES)
35.52
6. CUSTOMER COUNT FOR THIS CIRCUIT
436
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

Bird	1.59%
Broke Pole	1.59%
Customer Wiring	1.59%
Defective Equipment	6.35%
Line Down	1.59%
Line Fuse	9.52%
Planned	1.59%
Squirrel	12.70%
Transfomer Fuse Blown	9.52%
Trees	49.21%
Unknown Cause	3.17%
Wind	1.59%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
3.012015924
10. REPORTING YEAR (SAIDI)
5.549975319
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.026214814
12. REPORTING YEAR (SAIFI)
0.046527043
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 #1204:

1. SUBSTATION NAME AND NUMBER
12/SEWELLTON
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
44 Highway 55, Jamestown, KY 42629
3. CIRCUIT NAME AND NUMBER
HIGHWAY 55 / #1204
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS HWY 55
5. TOTAL CIRCUIT LENGTH (MILES)
109.76
6. CUSTOMER COUNT FOR THIS CIRCUIT
900
7.. DATE OF LAST CIRCUIT TRIM (VM)
2016
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	11.11%
Broke Pole	1.85%
Customer Wiring	1.85%
Defective Equipment	5.56%
Line Down	7.41%
Line Fuse	3.70%
Planned	5.56%
Squirrel	7.41%
Transfomer Fuse Blown	3.70%
Transformer	5.56%
Trees	40.74%
Unknown Cause	1.85%
Wind	3.70%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
3.007485243
10. REPORTING YEAR (SAIDI)
5.698088992
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.024557354
12. REPORTING YEAR (SAIFI)
0.039306114
13. CORRECTIVE ACTION PLAN
CIRCUIT ROW TO BE CUT ON CIRCUIT BID 2023

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1301:

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
SUSIE / #1301
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS EAST HWY 90
5. TOTAL CIRCUIT LENGTH (MILES)
45.15
6. CUSTOMER COUNT FOR THIS CIRCUIT
553
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

Other Animal	4.00%
Bird	12.00%
Line Fuse	4.00%
Planned	4.00%
Squirrel	8.00%
Transfomer Fuse Blown	16.00%
Transformer	4.00%
Trees	36.00%
Unknown Cause	8.00%
Wind	4.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
2.660382033
10. REPORTING YEAR (SAIDI)
1.700345533
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.012888978
12. REPORTING YEAR (SAIFI)
0.018024117
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 #1302:

1. SUBSTATION NAME AND NUMBER
13/ZULA
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
191 HWY 1009 N, Monticello, KY 42653
3. CIRCUIT NAME AND NUMBER
AMERICAN WOODMARK / #1302
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS AMERICAN WOODMARK
5. TOTAL CIRCUIT LENGTH (MILES)
14.33
6. CUSTOMER COUNT FOR THIS CIRCUIT
167
7.. DATE OF LAST CIRCUIT TRIM (VM)
2013
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	9.09%
Line Down	9.09%
Planned	9.09%
Squirrel	27.27%
Transfomer Fuse Blown	9.09%
Trees	36.36%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.225591476
10. REPORTING YEAR (SAIDI)
0.44668218
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.002276326
12. REPORTING YEAR (SAIFI)
0.004781045
13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1303:

1. SUBSTATION NAME AND NUMBER
13/ZULA
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
191 HWY 1009 N, Monticello, KY 42653
3. CIRCUIT NAME AND NUMBER
POWERSBURG / #1303
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS SOUTH FROM ZULA
5. TOTAL CIRCUIT LENGTH (MILES)
86.86
6. CUSTOMER COUNT FOR THIS CIRCUIT
749
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

Bird	3.85%
Defective Equipment	3.85%
Lighting	1.92%
Line Down	7.69%
Line Fuse	7.69%
Squirrel	9.62%
Transfomer Fuse Blown	5.77%
Transformer	3.85%
Trees	48.08%
Unknown Cause	1.92%
Wind	5.77%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
2.750668492
10. REPORTING YEAR (SAIDI)
2.88584726
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.025350816
12. REPORTING YEAR (SAIFI)
0.016515055
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 #1304:

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

ALPHA / #1304

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

FEEDS WEST HWY 90

5. TOTAL CIRCUIT LENGTH (MILES)

17.74

6. CUSTOMER COUNT FOR THIS CIRCUIT

231

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

Bird	3.70%
Lighting	3.70%
Line Down	7.41%
Squirrel	14.81%
Transfomer Fuse Blown	22.22%
Trees	44.44%
Wind	3.70%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.815734159

10. REPORTING YEAR (SAIDI)

1.485875467

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.006901794

12. REPORTING YEAR (SAIFI)

0.007827375

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 #1402:

1. SUBSTATION NAME AND NUMBER
14/MONTICELLO
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
422 Hardwood Drive, Monticello, KY 42633
3. CIRCUIT NAME AND NUMBER
KELLEY LANE / #1402
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS NORTH ON HWY 833
5. TOTAL CIRCUIT LENGTH (MILES)
31.9
6. CUSTOMER COUNT FOR THIS CIRCUIT
412
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

Bird	7.14%
Broke Pole	2.38%
Lighting	4.76%
Line Down	7.14%
Line Fuse	7.14%
Planned	4.76%
Squirrel	28.57%
Transfomer Fuse Blown	7.14%
Transformer	2.38%
Trees	28.57%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.396453623
10. REPORTING YEAR (SAIDI)
2.53553346
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.014863372
12. REPORTING YEAR (SAIFI)
0.017601015
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 #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)
136.08
6. CUSTOMER COUNT FOR THIS CIRCUIT
1167
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

Bird	10.61%
Defective Equipment	4.55%
Line Fuse	6.06%
Planned	1.52%
Squirrel	12.12%
Transfomer Fuse Blown	4.55%
Trees	42.42%
Unknown Cause	7.58%
Wind	10.61%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
7.283752492
10. REPORTING YEAR (SAIDI)
9.454819829
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.078628159
12. REPORTING YEAR (SAIFI)
0.122600663
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 #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)
27.16
6. CUSTOMER COUNT FOR THIS CIRCUIT
836
7.. DATE OF LAST CIRCUIT TRIM (VM)
2011
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	6.67%
Car Hit Pole	2.22%
Defective Equipment	4.44%
Lighting	4.44%
Line Fuse	4.44%
Planned	8.89%
Squirrel	13.33%
Transfomer Fuse Blown	15.56%
Transformer	2.22%
Trees	37.78%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.085447552
10. REPORTING YEAR (SAIDI)
2.673196531
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.012102685
12. REPORTING YEAR (SAIFI)
0.026782314
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 #1503:

1. SUBSTATION NAME AND NUMBER
15/BRONSTON #1
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
2373 HWY 790, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
ANTIOCH SHORES / #1503
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS NORTH TOWARD ANTIOCH
5. TOTAL CIRCUIT LENGTH (MILES)
25.62
6. CUSTOMER COUNT FOR THIS CIRCUIT
644
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

Broke Pole	6.67%
Defective Equipment	6.67%
Line Down	6.67%
Line Fuse	3.33%
Planned	13.33%
Squirrel	6.67%
Transfomer Fuse Blown	10.00%
Trees	43.33%
Unknown Cause	3.33%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
6.31944641
10. REPORTING YEAR (SAIDI)
25.00589521
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.019854832
12. REPORTING YEAR (SAIFI)
0.02317185
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR DA AND/OR ENHANCED SECTIONALIZING. NEEDS ROW INSPECTION

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)
50.16
6. CUSTOMER COUNT FOR THIS CIRCUIT
1008
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

Bird	4.00%
Defective Equipment	14.00%
Line Fuse	6.00%
Planned	8.00%
Squirrel	22.00%
Transfomer Fuse Blown	8.00%
Transformer	2.00%
Trees	26.00%
Unknown Cause	4.00%
Wind	6.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
7.850705911
10. REPORTING YEAR (SAIDI)
13.83078767
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.057205339
12. REPORTING YEAR (SAIFI)
0.06881038
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE PART OF DA PILOT

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1505:

1. SUBSTATION NAME AND NUMBER
   15/BRONSTON #2
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
   2373 HWY 790, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
   WOODSON BEND / #1505
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
   FEEDS WOODSON BEND RESORT
5. TOTAL CIRCUIT LENGTH (MILES)
   10.55
6. CUSTOMER COUNT FOR THIS CIRCUIT
   631
7.. DATE OF LAST CIRCUIT TRIM (VM)

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

Bird	5.56%
Defective Equipment	5.56%
Lighting	11.11%
Planned	5.56%
Squirrel	38.89%
Transfomer Fuse Blown	16.67%
Trees	16.67%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   1.410691011
10. REPORTING YEAR (SAIDI)
   1.552062619
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
   0.013608545
12. REPORTING YEAR (SAIFI)
   0.019519075
13. CORRECTIVE ACTION PLAN

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

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1506:

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
   KIDDER / #1506
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
   FEEDS HWY 790
5. TOTAL CIRCUIT LENGTH (MILES)
   35.58
6. CUSTOMER COUNT FOR THIS CIRCUIT
   600
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

Broke Pole	2.78%
Defective Equipment	5.56%
Line Down	2.78%
Line Fuse	8.33%
Planned	5.56%
Squirrel	22.22%
Transfomer Fuse Blown	8.33%
Transformer	2.78%
Trees	36.11%
Unknown Cause	5.56%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   4.804467647
10. REPORTING YEAR (SAIDI)
   5.103166208
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
   0.033084513
12. REPORTING YEAR (SAIFI)
   0.034271208
13. CORRECTIVE ACTION PLAN

CIRCUIT NEEDS ROW AND VISUAL INSPECTION

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 MT. VICTORY AREA
5. TOTAL CIRCUIT LENGTH (MILES)
75.56
6. CUSTOMER COUNT FOR THIS CIRCUIT
723
7.. DATE OF LAST CIRCUIT TRIM (VM)
2013
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	6.33%
Broke Pole	1.27%
Defective Equipment	3.80%
Lighting	2.53%
Line Down	6.33%
Line Fuse	2.53%
Planned	10.13%
Squirrel	5.06%
Transfomer Fuse Blown	6.33%
Transformer	1.27%
Transmission/Power Supplier	1.27%
Trees	44.30%
Unknown Cause	1.27%
Wind	7.59%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
7.367298871
10. REPORTING YEAR (SAIDI)
22.54659051
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.035319782
12. REPORTING YEAR (SAIFI)
0.075142797
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 #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)
79.93
6. CUSTOMER COUNT FOR THIS CIRCUIT
831
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

Bird	8.47%
Broke Pole	1.69%
Car Hit Pole	1.69%
Lighting	1.69%
Line Down	11.86%
Line Fuse	6.78%
Squirrel	5.08%
Transfomer Fuse Blown	10.17%
Trees	49.15%
Wind	3.39%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
10.17085658
10. REPORTING YEAR (SAIDI)
10.73089345
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.055287845
12. REPORTING YEAR (SAIFI)
0.052605599
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE SECTIONALZING 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)
3.43
6. CUSTOMER COUNT FOR THIS CIRCUIT
85
7.. DATE OF LAST CIRCUIT TRIM (VM)
2018
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Defective Equipment	20.00%
Lighting	20.00%
Planned	20.00%
Trees	40.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.104199097
10. REPORTING YEAR (SAIDI)
0.403370707
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.001314051
12. REPORTING YEAR (SAIFI)
0.003864326
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 #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)
13.99
6. CUSTOMER COUNT FOR THIS CIRCUIT
382
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

Defective Equipment	5.26%
Line Down	5.26%
Line Fuse	5.26%
Planned	10.53%
Squirrel	5.26%
Transfomer Fuse Blown	21.05%
Transformer	5.26%
Trees	36.84%
Wind	5.26%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.010782651
10. REPORTING YEAR (SAIDI)
1.397447289
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.008548147
12. REPORTING YEAR (SAIFI)
0.01056343
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)
92.83
6. CUSTOMER COUNT FOR THIS CIRCUIT
1541
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

Bird	8.99%
Customer Wiring	2.25%
Defective Equipment	5.62%
Lighting	3.37%
Line Down	2.25%
Line Fuse	5.62%
Planned	5.62%
Squirrel	11.24%
Transfomer Fuse Blown	15.73%
Trees	29.21%
Unknown Cause	6.74%
Wind	3.37%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
6.663398178
10. REPORTING YEAR (SAIDI)
7.646696284
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.060076137
12. REPORTING YEAR (SAIFI)
0.080981595
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)
9.77
6. CUSTOMER COUNT FOR THIS CIRCUIT
240
7.. DATE OF LAST CIRCUIT TRIM (VM)
2018
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	14.29%
Defective Equipment	14.29%
Squirrel	28.57%
Transformer	14.29%
Trees	21.43%
Wind	7.14%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.534367217
10. REPORTING YEAR (SAIDI)
0.873140117
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.003740272
12. REPORTING YEAR (SAIFI)
0.0054298
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 #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)
1.71
6. CUSTOMER COUNT FOR THIS CIRCUIT
15
7.. DATE OF LAST CIRCUIT TRIM (VM)

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

Planned	33.33%
Squirrel	33.33%
Transfomer Fuse Blown	33.33%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.018624921
10. REPORTING YEAR (SAIDI)
0.093124603
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.00012411
12. REPORTING YEAR (SAIFI)
0.000620549
13. CORRECTIVE ACTION PLAN
CONTINUE REVIEW

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1904:

1. SUBSTATION NAME AND NUMBER
19/OAKHILL
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
230 North Nomans Lane, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
GOLDEN HEIGHTS / #1904
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS BOTH WINDING RIDGE AND TOWARD TOWN
5. TOTAL CIRCUIT LENGTH (MILES)
20.34
6. CUSTOMER COUNT FOR THIS CIRCUIT
899
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

Bird	13.16%
Car Hit Pole	2.63%
Customer Wiring	2.63%
Defective Equipment	5.26%
Line Down	2.63%
Line Fuse	5.26%
Planned	5.26%
Squirrel	15.79%
Transfomer Fuse Blown	7.89%
Transformer	2.63%
Transmission/Power Supplier	2.63%
Trees	34.21%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
2.83684678
10. REPORTING YEAR (SAIDI)
9.423496227
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.029281098
12. REPORTING YEAR (SAIFI)
0.086270362
13. CORRECTIVE ACTION PLAN
HIGH CONSIDERATION OF POSSIBLE FUTURE DA

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2003:

1. SUBSTATION NAME AND NUMBER
20/ASAHI
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
1272 HWY 461, Somerset, KY 42503
3. CIRCUIT NAME AND NUMBER
TECHNICAL PARK / #2003
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS INDUSTRIAL PARK AREA HWY 461
5. TOTAL CIRCUIT LENGTH (MILES)
6.29
6. CUSTOMER COUNT FOR THIS CIRCUIT
44
7.. DATE OF LAST CIRCUIT TRIM (VM)
2018 SPRAY
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Defective Equipment	50.00%
Trees	50.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.036545069
10. REPORTING YEAR (SAIDI)
0.040702348
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.001525218
12. REPORTING YEAR (SAIFI)
0.000169241
13. CORRECTIVE ACTION PLAN
CONTINUE REVIEW

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)
0.84
6. CUSTOMER COUNT FOR THIS CIRCUIT
7
7.. DATE OF LAST CIRCUIT TRIM (VM)
2018 SPRAY
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Trees	100.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.004000644
10. REPORTING YEAR (SAIDI)
0.01360976
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
2.3112E-05
12. REPORTING YEAR (SAIFI)
1.41034E-05
13. CORRECTIVE ACTION PLAN
CONTINUE REVIEW & NEEDS ROW INSPECTION

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)
26.46
6. CUSTOMER COUNT FOR THIS CIRCUIT
896
7.. DATE OF LAST CIRCUIT TRIM (VM)
2010
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	6.67%
Customer Wiring	2.22%
Defective Equipment	4.44%
Lighting	4.44%
Line Down	2.22%
Line Fuse	8.89%
Planned	2.22%
Squirrel	17.78%
Transfomer Fuse Blown	20.00%
Transformer	4.44%
Trees	22.22%
Unknown Cause	2.22%
Wind	2.22%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.99853339
10. REPORTING YEAR (SAIDI)
1.046738594
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.018550117
12. REPORTING YEAR (SAIFI)
0.018221564
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 #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)
14.63
6. CUSTOMER COUNT FOR THIS CIRCUIT
605
7.. DATE OF LAST CIRCUIT TRIM (VM)
2011
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	8.82%
Customer Wiring	2.94%
Defective Equipment	5.88%
Line Fuse	14.71%
Planned	2.94%
Squirrel	23.53%
Transfomer Fuse Blown	5.88%
Trees	20.59%
Unknown Cause	11.76%
Wind	2.94%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.361041761
10. REPORTING YEAR (SAIDI)
0.524434102
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.005436081
12. REPORTING YEAR (SAIFI)
0.005937522
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 #2202:

1. SUBSTATION NAME AND NUMBER
22/SALEM
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
1313 S. Highway 76, Russell Springs, Ky 42642
3. CIRCUIT NAME AND NUMBER
TO ONO / #2202
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS SOUTH ON HWY 76
5. TOTAL CIRCUIT LENGTH (MILES)
51.7
6. CUSTOMER COUNT FOR THIS CIRCUIT
634
7.. DATE OF LAST CIRCUIT TRIM (VM)
2010
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Customer Wiring	7.41%
Defective Equipment	7.41%
Lighting	3.70%
Line Down	3.70%
Line Fuse	7.41%
Planned	7.41%
Squirrel	11.11%
Transfomer Fuse Blown	3.70%
Transformer	7.41%
Trees	29.63%
Unknown Cause	3.70%
Wind	7.41%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.552619589
10. REPORTING YEAR (SAIDI)
0.628136239
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.007862484
12. REPORTING YEAR (SAIFI)
0.007672238
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR FURTHER REVIEW

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2203:

1. SUBSTATION NAME AND NUMBER
22/SALEM
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
1313 S. Highway 76, Russell Springs, Ky 42642
3. CIRCUIT NAME AND NUMBER
ALLIGATOR DOCK / #2204
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS SOUTH TOWARD ELI/ALLIGATOR DOCK
5. TOTAL CIRCUIT LENGTH (MILES)
42.01
6. CUSTOMER COUNT FOR THIS CIRCUIT
852
7.. DATE OF LAST CIRCUIT TRIM (VM)
2020 SPRAY
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	9.38%
Line Down	6.25%
Line Fuse	9.38%
Planned	6.25%
Squirrel	12.50%
Transfomer Fuse Blown	21.88%
Trees	18.75%
Unknown Cause	6.25%
Wind	9.38%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
2.822449229
10. REPORTING YEAR (SAIDI)
3.029222199
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.026349602
12. REPORTING YEAR (SAIFI)
0.031930047
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 #2301:

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
EAST HIGHWAY 914 / #2301
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS EAST ON HWY 914
5. TOTAL CIRCUIT LENGTH (MILES)
16.56
6. CUSTOMER COUNT FOR THIS CIRCUIT
349
7.. DATE OF LAST CIRCUIT TRIM (VM)
2015 SPRAY
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	16.67%
Customer Wiring	4.17%
Defective Equipment	4.17%
Line Down	4.17%
Planned	4.17%
Squirrel	29.17%
Transfomer Fuse Blown	12.50%
Trees	20.83%
Unknown Cause	4.17%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.909651772
10. REPORTING YEAR (SAIDI)
2.37878852
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.008345482
12. REPORTING YEAR (SAIFI)
0.010887808
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE SECTIONALIZING/DA

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2302:

1. SUBSTATION NAME AND NUMBER
23/CABIN HOLLOW
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
50 Commerce Lane, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
RUSH BRANCH / #2302
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS RUSH BRANCH RD.
5. TOTAL CIRCUIT LENGTH (MILES)
61.43
6. CUSTOMER COUNT FOR THIS CIRCUIT
716
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

Bird	3.81%
Broke Pole	1.90%
Customer Wiring	1.90%
Defective Equipment	6.67%
Line Down	4.76%
Line Fuse	6.67%
Planned	0.95%
Squirrel	12.38%
Transfomer Fuse Blown	11.43%
Transformer	2.86%
Transmission/Power Supplier	0.95%
Trees	40.00%
Unknown Cause	0.95%
Wind	4.76%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
12.02175936
10. REPORTING YEAR (SAIDI)
26.42700797
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.062363368
12. REPORTING YEAR (SAIFI)
0.136816868
13. CORRECTIVE ACTION PLAN
POSSIBLE ROW INSPECTION. FUTURE SECTIONALIZING

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)
40.37
6. CUSTOMER COUNT FOR THIS CIRCUIT
602
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

Customer Wiring	7.14%
Line Down	3.57%
Line Fuse	10.71%
Planned	3.57%
Transfomer Fuse Blown	7.14%
Transformer	3.57%
Trees	46.43%
Wind	17.86%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
4.380793839
10. REPORTING YEAR (SAIDI)
5.153825541
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.027780575
12. REPORTING YEAR (SAIFI)
0.036287991
13. CORRECTIVE ACTION PLAN
POSSIBLE ROW INSPECTION. FUTURE SECTIONALIZING AND/OR DA

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)
   28.89
6. CUSTOMER COUNT FOR THIS CIRCUIT
   337
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

Car Hit Pole	58.33%
Defective Equipment	4.17%
Planned	16.67%
Transfomer Fuse Blown	4.17%
Trees	16.67%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   0.452104459
10. REPORTING YEAR (SAIDI)
   0.199365348
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
   0.005460225
12. REPORTING YEAR (SAIFI)
   0.007037586
13. CORRECTIVE ACTION PLAN

VISUAL INSPECTION AND CONSIDERED FOR FUTURE SECTIONALIZING AND/OR DA

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2403:

1. SUBSTATION NAME AND NUMBER
24/SOUTH FLOYD
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
355 West Todd Road, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
TO CIRCLEVILLE / #2403
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS EAST ON HWY 635
5. TOTAL CIRCUIT LENGTH (MILES)
29.68
6. CUSTOMER COUNT FOR THIS CIRCUIT
366
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

Bird	8.33%
Broke Pole	25.00%
Customer Wiring	8.33%
Defective Equipment	8.33%
Line Fuse	8.33%
Planned	8.33%
Transfomer Fuse Blown	8.33%
Trees	25.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.404919247
10. REPORTING YEAR (SAIDI)
0.830110712
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.003356807
12. REPORTING YEAR (SAIFI)
0.004724632
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW/VISUAL 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 #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)
46.54
6. CUSTOMER COUNT FOR THIS CIRCUIT
713
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

Bird	16.67%
Broke Pole	4.17%
Customer Wiring	4.17%
Defective Equipment	4.17%
Line Fuse	12.50%
Planned	12.50%
Transfomer Fuse Blown	8.33%
Trees	20.83%
Unknown Cause	12.50%
Wind	4.17%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.530892425
10. REPORTING YEAR (SAIDI)
0.753783231
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.005784691
12. REPORTING YEAR (SAIFI)
0.014667513
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE VISUALLY INSPECTED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #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)
27.43
6. CUSTOMER COUNT FOR THIS CIRCUIT
752
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

Bird	12.50%
Defective Equipment	9.38%
Line Down	3.13%
Squirrel	31.25%
Transfomer Fuse Blown	9.38%
Transformer	3.13%
Transmission/Power Supplier	3.13%
Trees	25.00%
Wind	3.13%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.759468176
10. REPORTING YEAR (SAIDI)
1.577505113
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.016431939
12. REPORTING YEAR (SAIFI)
0.017629222
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 #2503:

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 PRATHER RD. / #2503
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS PRATHER RD.
5. TOTAL CIRCUIT LENGTH (MILES)
25.26
6. CUSTOMER COUNT FOR THIS CIRCUIT
853
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

Bird	10.26%
Car Hit Pole	2.56%
Customer Wiring	2.56%
Defective Equipment	2.56%
Lighting	5.13%
Line Down	2.56%
Line Fuse	10.26%
Squirrel	12.82%
Transfomer Fuse Blown	10.26%
Transformer	5.13%
Transmission/Power Supplier	2.56%
Trees	25.64%
Unknown Cause	5.13%
Wind	2.56%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
4.374750415
10. REPORTING YEAR (SAIDI)
2.374134405
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.014903064
12. REPORTING YEAR (SAIFI)
0.026091249
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE DA OR SECTIONALIZING

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2504:

1. SUBSTATION NAME AND NUMBER
25/SOUTH OAK HILL
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
78 Ferry Hill Drive, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
TO HERALD PLANTATION / #2504
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS FERRY RD.
5. TOTAL CIRCUIT LENGTH (MILES)
7.91
6. CUSTOMER COUNT FOR THIS CIRCUIT
263
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

Broke Pole	14.29%
Planned	14.29%
Squirrel	28.57%
Transfomer Fuse Blown	14.29%
Transmission/Power Supplier	14.29%
Trees	14.29%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.397925509
10. REPORTING YEAR (SAIDI)
0.438629152
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.003276751
12. REPORTING YEAR (SAIFI)
0.004357944
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 #2505:

1. SUBSTATION NAME AND NUMBER
25/SOUTH OAK HILL
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
78 Ferry Hill Drive, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
LAKEWOOD HAVEN / #2505
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS FERRY RD.
5. TOTAL CIRCUIT LENGTH (MILES)
7.34
6. CUSTOMER COUNT FOR THIS CIRCUIT
368
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

Bird	14.29%
Planned	4.76%
Squirrel	38.10%
Transmission/Power Supplier	4.76%
Trees	28.57%
Wind	9.52%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.876675822
10. REPORTING YEAR (SAIDI)
1.176405049
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.00791371
12. REPORTING YEAR (SAIFI)
0.014103378
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 #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)
51.69
6. CUSTOMER COUNT FOR THIS CIRCUIT
579
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

Bird	14.71%
Broke Pole	5.88%
Customer Wiring	8.82%
Defective Equipment	2.94%
Lighting	5.88%
Line Fuse	8.82%
Planned	2.94%
Squirrel	23.53%
Transfomer Fuse Blown	2.94%
Trees	17.65%
Unknown Cause	2.94%
Wind	2.94%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.915889885
10. REPORTING YEAR (SAIDI)
1.190931528
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.010431783
12. REPORTING YEAR (SAIFI)
0.013539243
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE DA W/ N ALBANY; LOAD DEPENDENT

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2703:

1. SUBSTATION NAME AND NUMBER

27/SLAT

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

101 Whispering Pines, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

COFFEY MOUNTAIN / #2703

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

FEEDS COFFEY MOUNTAIN

5. TOTAL CIRCUIT LENGTH (MILES)

55.21

6. CUSTOMER COUNT FOR THIS CIRCUIT

559

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

Bird	7.69%
Broke Pole	3.85%
Lighting	3.85%
Line Down	11.54%
Line Fuse	3.85%
Squirrel	15.38%
Transfomer Fuse Blown	15.38%
Transmission/Power Supplier	3.85%
Trees	23.08%
Unknown Cause	7.69%
Wind	3.85%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

4.06658828

10. REPORTING YEAR (SAIDI)

4.456103237

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.044748074

12. REPORTING YEAR (SAIFI)

0.078795572

13. CORRECTIVE ACTION PLAN

DA PILOT POSSIBILITY

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)

52.56

6. CUSTOMER COUNT FOR THIS CIRCUIT

571

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

Bird	6.82%
Defective Equipment	4.55%
Lighting	2.27%
Line Down	2.27%
Line Fuse	6.82%
Planned	2.27%
Squirrel	22.73%
Transfomer Fuse Blown	13.64%
Transformer	2.27%
Transmission/Power Supplier	2.27%
Trees	18.18%
Unknown Cause	4.55%
Wind	11.36%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

1.055006261

10. REPORTING YEAR (SAIDI)

2.43503279

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.013134411

12. REPORTING YEAR (SAIFI)

0.023101333

13. CORRECTIVE ACTION PLAN

CIRCUIT ROW TO BE CUT ON CIRCUIT BID 2023

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)
16.28
6. CUSTOMER COUNT FOR THIS CIRCUIT
340
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

Bird	7.69%
Line Fuse	50.00%
Squirrel	3.85%
Transfomer Fuse Blown	11.54%
Transformer	3.85%
Trees	23.08%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.713187713
10. REPORTING YEAR (SAIDI)
1.657104577
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.004674802
12. REPORTING YEAR (SAIFI)
0.008067132
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 #2804:

1. SUBSTATION NAME AND NUMBER
28/EAST PINE KNOT
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
142 North Clearcreek Road, Whitley City, KY 42653
3. CIRCUIT NAME AND NUMBER
DAVIS HILL / #2804
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS WEST ON BETHEL RIDGE RD
5. TOTAL CIRCUIT LENGTH (MILES)
28.44
6. CUSTOMER COUNT FOR THIS CIRCUIT
617
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

Bird	12.50%
Defective Equipment	7.50%
Line Fuse	5.00%
Planned	5.00%
Squirrel	12.50%
Transfomer Fuse Blown	12.50%
Transformer	2.50%
Trees	30.00%
Unknown Cause	7.50%
Wind	5.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
2.094036117
10. REPORTING YEAR (SAIDI)
1.510429448
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.016559129
12. REPORTING YEAR (SAIFI)
0.018503632
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 #2901:

1. SUBSTATION NAME AND NUMBER
29/CEMETERY ROAD
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
43 Parson Road,Waynesburg, KY 40489
3. CIRCUIT NAME AND NUMBER
PARLOR GROVE / #2901
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS PARLOR GROVE ROAD
5. TOTAL CIRCUIT LENGTH (MILES)
59.87
6. CUSTOMER COUNT FOR THIS CIRCUIT
577
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

Bird	7.69%
Broke Pole	3.85%
Customer Wiring	7.69%
Defective Equipment	7.69%
Line Fuse	11.54%
Planned	3.85%
Squirrel	11.54%
Transmission/Power Supplier	3.85%
Trees	38.46%
Wind	3.85%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
2.734992099
10. REPORTING YEAR (SAIDI)
3.340399126
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.018905474
12. REPORTING YEAR (SAIFI)
0.023820605
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR CONSIDERED FOR FUTURE SECTIONALZING

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2902:

1. SUBSTATION NAME AND NUMBER
29/CEMETERY ROAD
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
43 Parson Road,Waynesburg, KY 40489
3. CIRCUIT NAME AND NUMBER
WAYNESBURG / #2902
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS TOWARD WAYNESBURG
5. TOTAL CIRCUIT LENGTH (MILES)
49.72
6. CUSTOMER COUNT FOR THIS CIRCUIT
471
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

Bird	9.30%
Broke Pole	2.33%
Car Hit Pole	2.33%
Defective Equipment	2.33%
Line Down	4.65%
Line Fuse	2.33%
Planned	4.65%
Squirrel	20.93%
Transfomer Fuse Blown	9.30%
Transmission/Power Supplier	2.33%
Trees	37.21%
Wind	2.33%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
2.912818423
10. REPORTING YEAR (SAIDI)
3.857922573
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.021685113
12. REPORTING YEAR (SAIFI)
0.029250405
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 #3002:

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
   MOORE SCHOOL ROAD / #3002
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
   FEEDS WEST TOWARD HWY 127
5. TOTAL CIRCUIT LENGTH (MILES)
   25.82
6. CUSTOMER COUNT FOR THIS CIRCUIT
   403
7.. DATE OF LAST CIRCUIT TRIM (VM)
   2009
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	23.81%
Squirrel	4.76%
Transfomer Fuse Blown	9.52%
Trees	42.86%
Unknown Cause	9.52%
Wind	9.52%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   0.291905344
10. REPORTING YEAR (SAIDI)
   0.69423877
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
   0.004899671
12. REPORTING YEAR (SAIFI)
   0.01595092
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 #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)
56.9
6. CUSTOMER COUNT FOR THIS CIRCUIT
904
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

Bird	6.25%
Broke Pole	3.13%
Customer Wiring	1.56%
Defective Equipment	4.69%
Lighting	4.69%
Line Down	3.13%
Line Fuse	12.50%
Load	1.56%
Planned	7.81%
Squirrel	17.19%
Transfomer Fuse Blown	6.25%
Trees	26.56%
Unknown Cause	3.13%
Wind	1.56%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.87389964
10. REPORTING YEAR (SAIDI)
4.454819829
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.020959985
12. REPORTING YEAR (SAIFI)
0.039489458
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 #3005:

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
   JAMESTOWN DOCK / #3005
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
   FEEDS JAMESTOWN DOCK
5. TOTAL CIRCUIT LENGTH (MILES)
   20.52
6. CUSTOMER COUNT FOR THIS CIRCUIT
   590
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

Bird	3.85%
Customer Wiring	1.92%
Defective Equipment	5.77%
Line Down	1.92%
Line Fuse	1.92%
Squirrel	15.38%
Transfomer Fuse Blown	1.92%
Transformer	5.77%
Trees	51.92%
Unknown Cause	5.77%
Wind	3.85%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   2.029911016
10. REPORTING YEAR (SAIDI)
   3.0993724
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
   0.026215992
12. REPORTING YEAR (SAIFI)
   0.041802412
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 #3103:

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
GREENWOOD / #3103
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS NORTH ON HWY 27
5. TOTAL CIRCUIT LENGTH (MILES)
119.16
6. CUSTOMER COUNT FOR THIS CIRCUIT
1768
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

Bird	6.12%
Broke Pole	3.40%
Customer Wiring	0.68%
Defective Equipment	4.76%
Lighting	2.04%
Line Down	4.76%
Line Fuse	4.08%
Planned	2.04%
Squirrel	10.88%
Transfomer Fuse Blown	8.16%
Transformer	0.68%
Trees	41.50%
Unknown Cause	2.04%
Wind	8.84%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
20.02736771
10. REPORTING YEAR (SAIDI)
28.27064382
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.153408008
12. REPORTING YEAR (SAIFI)
0.201283407
13. CORRECTIVE ACTION PLAN
DA PILOT

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3104:

1. SUBSTATION NAME AND NUMBER
31/WIBORG
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
162 Beulah Heights Road, Whitley City, KY 42653
3. CIRCUIT NAME AND NUMBER
BEULAH HEIGHTS / #3104
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS EAST BEULAH HEIGHTS RD
5. TOTAL CIRCUIT LENGTH (MILES)
67.85
6. CUSTOMER COUNT FOR THIS CIRCUIT
733
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

Bird	10.20%
Defective Equipment	12.24%
Lighting	2.04%
Line Fuse	4.08%
Squirrel	14.29%
Transfomer Fuse Blown	6.12%
Trees	40.82%
Unknown Cause	2.04%
Wind	8.16%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
11.55730965
10. REPORTING YEAR (SAIDI)
9.423693675
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.049785769
12. REPORTING YEAR (SAIFI)
0.06676539
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 #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)
50.53
6. CUSTOMER COUNT FOR THIS CIRCUIT
699
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

Bird	12.20%
Broke Pole	2.44%
Defective Equipment	4.88%
Line Down	7.32%
Line Fuse	12.20%
Planned	2.44%
Squirrel	14.63%
Transfomer Fuse Blown	9.76%
Transformer	7.32%
Trees	17.07%
Unknown Cause	4.88%
Wind	4.88%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.165916458
10. REPORTING YEAR (SAIDI)
0.971666314
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.018838798
12. REPORTING YEAR (SAIFI)
0.026725901
13. CORRECTIVE ACTION PLAN
CIRCUIT ROW TO BE CUT ON CIRCUIT BID 2023

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)
14.92
6. CUSTOMER COUNT FOR THIS CIRCUIT
363
7.. DATE OF LAST CIRCUIT TRIM (VM)

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

Bird	2.33%
Car Hit Pole	2.33%
Line Down	2.33%
Line Fuse	2.33%
Squirrel	18.60%
Transfomer Fuse Blown	6.98%
Trees	60.47%
Unknown Cause	4.65%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.70150134
10. REPORTING YEAR (SAIDI)
1.168281503
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.012184185
12. REPORTING YEAR (SAIFI)
0.016190678
13. CORRECTIVE ACTION PLAN
CIRCUIT ROW TO BE CUT ON CIRCUIT BID 2023

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3304:

1. SUBSTATION NAME AND NUMBER
   33/ZOLLICOFFER
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
   2675 HWY 235, Nancy, KY 42544
3. CIRCUIT NAME AND NUMBER
   JOHN ANDY MEECE / #3304
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
   FEEDS SOUTH ON HWY 235
5. TOTAL CIRCUIT LENGTH (MILES)
   47.02
6. CUSTOMER COUNT FOR THIS CIRCUIT
   638
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

Bird	2.04%
Broke Pole	2.04%
Defective Equipment	4.08%
Lighting	2.04%
Line Down	2.04%
Line Fuse	2.04%
Planned	36.73%
Squirrel	14.29%
Transfomer Fuse Blown	8.16%
Transformer	4.08%
Trees	16.33%
Unknown Cause	4.08%
Wind	2.04%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   1.867262889
10. REPORTING YEAR (SAIDI)
   4.920654397
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
   0.011169992
12. REPORTING YEAR (SAIFI)
   0.025879698
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 #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)
41.65
6. CUSTOMER COUNT FOR THIS CIRCUIT
874
7.. DATE OF LAST CIRCUIT TRIM (VM)
2012
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	9.30%
Customer Wiring	2.33%
Defective Equipment	2.33%
Lighting	4.65%
Line Down	2.33%
Line Fuse	4.65%
Squirrel	20.93%
Transfomer Fuse Blown	9.30%
Transformer	2.33%
Trees	37.21%
Unknown Cause	4.65%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
3.615093591
10. REPORTING YEAR (SAIDI)
4.904238065
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.033127578
12. REPORTING YEAR (SAIFI)
0.04981313
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 #3403:

1. SUBSTATION NAME AND NUMBER
34/GAP OF RIDGE
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
71 Power Station Lane, Monticello, KY 42633
3. CIRCUIT NAME AND NUMBER
STUBENVILLE / #3403
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS WEST ON HWY 90
5. TOTAL CIRCUIT LENGTH (MILES)
19.98
6. CUSTOMER COUNT FOR THIS CIRCUIT
413
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

Bird	14.29%
Customer Wiring	14.29%
Line Down	21.43%
Line Fuse	7.14%
Planned	7.14%
Transfomer Fuse Blown	7.14%
Transformer	7.14%
Trees	7.14%
Unknown Cause	7.14%
Wind	7.14%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.32281934
10. REPORTING YEAR (SAIDI)
0.390184049
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.006440066
12. REPORTING YEAR (SAIFI)
0.006854242
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 #3502:

1. SUBSTATION NAME AND NUMBER
35/UPCHURCH
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
594 Wray Ridge Road, Albany, KY 42602
3. CIRCUIT NAME AND NUMBER
CLINTON CO INDUSTRIAL PARK / #3502
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS EAST ON HWY 90
5. TOTAL CIRCUIT LENGTH (MILES)
74.53
6. CUSTOMER COUNT FOR THIS CIRCUIT
839
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

Bird	7.25%
Broke Pole	1.45%
Defective Equipment	2.90%
Lighting	2.90%
Line Down	4.35%
Line Fuse	7.25%
Squirrel	24.64%
Transfomer Fuse Blown	5.80%
Transformer	2.90%
Trees	34.78%
Unknown Cause	1.45%
Wind	4.35%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
2.473052692
10. REPORTING YEAR (SAIDI)
3.457978986
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.026121788
12. REPORTING YEAR (SAIFI)
0.023609054
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 #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)
86.25
6. CUSTOMER COUNT FOR THIS CIRCUIT
1021
7.. DATE OF LAST CIRCUIT TRIM (VM)
2013
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	3.61%
Customer Wiring	1.20%
Defective Equipment	3.61%
Lighting	1.20%
Line Down	7.23%
Line Fuse	9.64%
Planned	2.41%
Squirrel	9.64%
Transfomer Fuse Blown	8.43%
Trees	43.37%
Unknown Cause	1.20%
Wind	8.43%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
7.013454077
10. REPORTING YEAR (SAIDI)
10.4889218
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.04732018
12. REPORTING YEAR (SAIFI)
0.083167619
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 #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)

28.06

6. CUSTOMER COUNT FOR THIS CIRCUIT

330

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

Bird	30.00%
Line Fuse	10.00%
Squirrel	20.00%
Trees	30.00%
Wind	10.00%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

0.193067478

10. REPORTING YEAR (SAIDI)

0.279119949

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.004319368

12. REPORTING YEAR (SAIFI)

0.003554051

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 #3603:

1. SUBSTATION NAME AND NUMBER
36/WEBBS CROSSROADS
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
2925 N. Highway 127, Russell Springs, KY 42642
3. CIRCUIT NAME AND NUMBER
OWENSTOWN SCHOOL RD. / #3603
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS SOUTH ON 127
5. TOTAL CIRCUIT LENGTH (MILES)
27.56
6. CUSTOMER COUNT FOR THIS CIRCUIT
654
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

Bird	9.09%
Line Down	6.06%
Line Fuse	6.06%
Squirrel	24.24%
Transfomer Fuse Blown	9.09%
Transformer	6.06%
Trees	27.27%
Unknown Cause	9.09%
Wind	3.03%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.936759576
10. REPORTING YEAR (SAIDI)
1.281630351
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.007071051
12. REPORTING YEAR (SAIFI)
0.016176574
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 #3604:

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
HUMBLE / #3604
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS SOUTH ON HIGHWAY 127
5. TOTAL CIRCUIT LENGTH (MILES)
13.55
6. CUSTOMER COUNT FOR THIS CIRCUIT
317
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

Lighting	7.69%
Line Fuse	7.69%
Squirrel	23.08%
Trees	46.15%
Unknown Cause	7.69%
Wind	7.69%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.508825104
10. REPORTING YEAR (SAIDI)
0.844256399
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.00596457
12. REPORTING YEAR (SAIFI)
0.006417037
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 #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)

92.47

6. CUSTOMER COUNT FOR THIS CIRCUIT

908

7.. DATE OF LAST CIRCUIT TRIM (VM)

2013

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

Bird	14.58%
Broke Pole	2.08%
Customer Wiring	2.08%
Defective Equipment	6.25%
Lighting	2.08%
Line Down	2.08%
Line Fuse	8.33%
Planned	8.33%
Squirrel	10.42%
Transfomer Fuse Blown	10.42%
Transformer	2.08%
Trees	22.92%
Unknown Cause	4.17%
Wind	4.17%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

8.63094964

10. REPORTING YEAR (SAIDI)

3.66363444

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.048830567

12. REPORTING YEAR (SAIFI)

0.072195191

13. CORRECTIVE ACTION PLAN

CIRCUIT WILL BE HIGHLY CONSIDERED FOR ROW INSPECTION AND POSSIBLE DA SCHEME

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3803:

1. SUBSTATION NAME AND NUMBER
38/HOMESTEAD
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
93 Rankin Street, Monticello, KY 42633
3. CIRCUIT NAME AND NUMBER
OLD NORTH HWY 90 / #3803
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS NORTH EAST ON OLD HWY 90
5. TOTAL CIRCUIT LENGTH (MILES)
9.91
6. CUSTOMER COUNT FOR THIS CIRCUIT
883
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

Lighting	11.11%
Line Fuse	16.67%
Planned	11.11%
Squirrel	16.67%
Transfomer Fuse Blown	5.56%
Trees	22.22%
Unknown Cause	11.11%
Wind	5.56%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.308065986
10. REPORTING YEAR (SAIDI)
0.486115225
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.005441151
12. REPORTING YEAR (SAIFI)
0.007926098
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 #3804:

1. SUBSTATION NAME AND NUMBER
38/HOMESTEAD
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
93 Rankin Street, Monticello, KY 42633
3. CIRCUIT NAME AND NUMBER
HIGHWAY 167 / #3804
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
SOUTH ON HIGHWAY 167
5. TOTAL CIRCUIT LENGTH (MILES)
16.12
6. CUSTOMER COUNT FOR THIS CIRCUIT
729
7.. DATE OF LAST CIRCUIT TRIM (VM)
2018
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	8.33%
Broke Pole	5.56%
Customer Wiring	5.56%
Defective Equipment	13.89%
Lighting	2.78%
Line Down	2.78%
Line Fuse	8.33%
Planned	2.78%
Transfomer Fuse Blown	8.33%
Trees	33.33%
Wind	8.33%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
0.874826406
10. REPORTING YEAR (SAIDI)
1.37152528
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.013348246
12. REPORTING YEAR (SAIFI)
0.008109442
13. CORRECTIVE ACTION PLAN
HIGH CONSIDERATION OF DA FOR LOAD PURPOSES

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3805:

1. SUBSTATION NAME AND NUMBER
38/HOMESTEAD
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
93 Rankin Street, Monticello, KY 42633
3. CIRCUIT NAME AND NUMBER
COLUMBIA AVENUE / #3805
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
DIRECTLY WEST OUT OF SUB TOWARDS SOUTH MAIN
5. TOTAL CIRCUIT LENGTH (MILES)
9.84
6. CUSTOMER COUNT FOR THIS CIRCUIT
589
7.. DATE OF LAST CIRCUIT TRIM (VM)
2016
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Defective Equipment	12.50%
Line Down	6.25%
Squirrel	25.00%
Transfomer Fuse Blown	18.75%
Trees	31.25%
Wind	6.25%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
2.479133617
10. REPORTING YEAR (SAIDI)
2.553078062
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.016310281
12. REPORTING YEAR (SAIFI)
0.009674917
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 #3902:

1. SUBSTATION NAME AND NUMBER
39/JABEZ
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
57 Red Oak Drive, Nancy, KY 42544
3. CIRCUIT NAME AND NUMBER
4H CAMP / #3902
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS TOWARDS THE 4H CAMP ON SOUTH HWY 196
5. TOTAL CIRCUIT LENGTH (MILES)
26.92
6. CUSTOMER COUNT FOR THIS CIRCUIT
276
7.. DATE OF LAST CIRCUIT TRIM (VM)
2018
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

Broke Pole	4.76%
Line Fuse	19.05%
Squirrel	4.76%
Transfomer Fuse Blown	14.29%
Transformer	4.76%
Trees	33.33%
Unknown Cause	9.52%
Wind	9.52%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
1.758058513
10. REPORTING YEAR (SAIDI)
1.615654749
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.007390938
12. REPORTING YEAR (SAIFI)
0.010422396
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR SECTIONALIZING COORDINATION

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3903:

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
CHEROKEE / #3903
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS NORTH EAST ON HWY 196
5. TOTAL CIRCUIT LENGTH (MILES)
35.04
6. CUSTOMER COUNT FOR THIS CIRCUIT
693
7.. DATE OF LAST CIRCUIT TRIM (VM)
2018
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	2.38%
Car Hit Pole	2.38%
Customer Wiring	2.38%
Defective Equipment	2.38%
Line Down	2.38%
Line Fuse	9.52%
Planned	9.52%
Squirrel	16.67%
Transfomer Fuse Blown	4.76%
Trees	30.95%
Unknown Cause	9.52%
Wind	7.14%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
7.66227077
10. REPORTING YEAR (SAIDI)
5.33436288
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.033810407
12. REPORTING YEAR (SAIFI)
0.04142162
13. CORRECTIVE ACTION PLAN
CIRCUIT WILL BE CONSIDERED FOR ROW INSPECTION AND/OR SECTIONALIZING UPDATE

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)

42

6. CUSTOMER COUNT FOR THIS CIRCUIT

687

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

Bird	2.56%
Broke Pole	2.56%
Defective Equipment	2.56%
Lighting	2.56%
Line Down	5.13%
Line Fuse	10.26%
Planned	5.13%
Squirrel	10.26%
Transfomer Fuse Blown	15.38%
Trees	30.77%
Wind	12.82%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

2.983164172

10. REPORTING YEAR (SAIDI)

5.770580354

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.025251584

12. REPORTING YEAR (SAIFI)

0.045765461

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 #4005:

1. SUBSTATION NAME AND NUMBER
   40/GREGORY ROAD
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
   5540 HWY 776, Monticello, KY 42633
3. CIRCUIT NAME AND NUMBER
   DELTA / #4005
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
   FEEDS EAST HWY 790
5. TOTAL CIRCUIT LENGTH (MILES)
   83.51
6. CUSTOMER COUNT FOR THIS CIRCUIT
   477
7.. DATE OF LAST CIRCUIT TRIM (VM)
   2012
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS NUMBERS REPRESENTED BY EACH CAUSE

Bird	4.76%
Defective Equipment	11.90%
Squirrel	11.90%
Transfomer Fuse Blown	4.76%
Trees	54.76%
Unknown Cause	2.38%
Wind	9.52%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
   2.817690828
10. REPORTING YEAR (SAIDI)
   4.220915309
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
   0.023061926
12. REPORTING YEAR (SAIFI)
   0.035526409
13. CORRECTIVE ACTION PLAN

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

Vegetation Management Plan
2023-2024

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.

ROW Cutting and Maintenance

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 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 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. This voltage is 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.

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. 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.

As in cutting 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. Dead trees beyond the ROW that would strike the line in falling or could cause other trees to strike the line, shall be removed, leaning trees beyond the ROW which would strike the line in falling shall either be topped beyond the line striking level, or in appropriate cases, removed.

ROW Cutting - 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 and 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.

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, but over time the open lines are affected by tree or brush growth that must be addressed by trimming and/or spraying.

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.

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, replacing that conductor when the tree is on the ground and it is safe for the conductor connection to be restored.

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

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 towards 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 towards 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 towards 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 like 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.