



Kenneth E. Simmons, President & CEO

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

RECEIVED

APR 06 2020

PUBLIC SERVICE
COMMISSION

April 6, 2020

Kent Chandler
Executive Director
Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40602

RE: Case No. 2011-00450

Dear Mr. Chandler:

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

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads 'Kevin Newton'. The signature is fluid and cursive, with the first name 'Kevin' and last name 'Newton' clearly distinguishable.

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

KN:jcg

Enclosures

KENTUCKY PUBLIC SERVICE COMMISSION

Electric Distribution Utility Annual Reliability Report

SECTION 1: CONTACT INFORMATION

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

SECTION 2: REPORTING YEAR

CALENDAR YEAR OF REPORT	2019
-------------------------	------

SECTION 3: MAJOR EVENT DAYS (MED)

T_{MED}	25.91
FIRST DATE USED TO DETERMINE T_{MED}	1/1/2019
LAST DATE USED TO DETERMINE T_{MED}	12/31/2019
NUMBER OF MED IN REPORT YEAR	3

NOTE: Per IEEE 1366 T_{MED} should be calculated using the daily SAIDI values for the five prior years. If five years of data are not available, then utilities should use what is available until five years are accumulated.

SECTION 4: SYSTEM RELIABILITY INFORMATION AND RESULTS

System-wide Information

TOTAL CUSTOMERS	<u>68950</u>	TOTAL CIRCUITS	<u>143</u>
-----------------	--------------	----------------	------------

Excluding MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>203.97</u>	SAIDI	<u>222.564</u>
SAIFI	<u>1.9018</u>	SAIFI	<u>2.4136</u>

Including MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>309.2616</u>	SAIDI	<u>385.878</u>
SAIFI	<u>2.1085</u>	SAIFI	<u>2.8128</u>

Notes:

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

KENTUCKY PUBLIC SERVICE COMMISSION

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAME AND NUMBER
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"**

KENTUCKY PUBLIC SERVICE COMMISSION

SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

INCLUDE CURRENT VEGETATION MANAGEMENT PLAN

Additional page may be attached as needed.

Review of the 2019 VMP

Introduction:

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

Herbicidal Spraying:

For the year 2019, South Kentucky RECC accomplished approximately 889 miles of Herbicidal Spraying.

Cycle Trimming:

For the year 2019, South Kentucky RECC accomplished approximately 465 miles of circuit Trimming.

Other Trimming and Cutting:

South Kentucky RECC Right-of-Way was able to complete approximately 2,139 individual work-orders for trimming and other ROW work relations at various locations across the entire system. These were primarily places near the member's homes that involved yard trees or other special situations, but included the full range of right-of-way work that is typical for a rural electric system.

Conclusions:

At the end of 2019, we feel that our Right-of-Way plan was implemented appropriately, but will continue to look for ways to improve in both cost containment and effectiveness of methods. We are evaluating the data that is contained in the annual reliability report to the PSC and will consider the worst performing circuits to see if any changes in our right-of-way plans are needed to help improve reliability on those circuits.

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

KENTUCKY PUBLIC SERVICE COMMISSION

SECTION 7: UTILITY COMMENTS

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

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 2019, approximately 84 circuits, 58% of our feeders exceeded their 5 year SAIDI & SAIFI average. This is an increase from our 2018 statistics that indicated 52% of feeders exceeding their average. With this attestation, we plan to review our circuit trimming list for 2020/2021 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.

33.858 Avg. 2015-2019

alpha -2.1267
beta 2.15258
T_{MED} 25.913131

date	System	Customers	cons min/day	SAIDI	Ln(SAIDI)		
1/1/2019	68950	19909.26667	0.288749	-1.2422	16.83	2015	
1/10/2019	68950	18399.68333	0.266855	-1.32105	35.15	2016	
1/11/2019	68950	49068.33333	0.711651	-0.34017	66.74	2017	
1/12/2019	68950	180051.2	2.61133	0.95986	24.66	2018	
1/13/2019	68950	157266.3	2.280875	0.824559	25.91	2019	
1/14/2019	68950	3908.25	0.056682	-2.87029	169.29		
1/15/2019	68950	6888.266666	0.099902	-2.30356	33.858 Avg.		
1/16/2019	68950	1045.233333	0.015159	-4.18914			
1/17/2019	68950	220.0166667	0.003191	-5.74743			
1/18/2019	68950	116.95	0.001696	-6.37939			
1/19/2019	68950	49537.85	0.71846	-0.33064			
1/2/2019	68950	6642.466667	0.096337	-2.3399			
1/20/2019	68950	121211.4833	1.757962	0.564155			
1/21/2019	68950	5645.7	0.081881	-2.50249			
1/22/2019	68950	189.05	0.002742	-5.89913			
1/23/2019	68950	76432.05	1.108514	0.103021			
1/24/2019	68950	24213.81667	0.351179	-1.04646			
1/25/2019	68950	159.7	0.002316	-6.06784			
1/26/2019	68950	100422.3167	1.456451	0.376003			
1/28/2019	68950	23561.16667	0.341714	-1.07378			
1/29/2019	68950	325	0.004714	-5.35731			
1/3/2019	68950	22262.76667	0.322883	-1.13047			
1/30/2019	68950	558.7166666	0.008103	-4.81549			
1/31/2019	68950	3002.3	0.043543	-3.134			
1/4/2019	68950	235.7166667	0.003419	-5.67851			
1/5/2019	68950	7622.2	0.110547	-2.20232			
1/6/2019	68950	6317.933333	0.091631	-2.38999			
1/7/2019	68950	18611.73333	0.269931	-1.30959			
1/8/2019	68950	51533.96666	0.747411	-0.29114			
1/9/2019	68950	3607.55	0.052321	-2.95035			
10/1/2019	68950	819.3333333	0.011883	-4.43265			
10/10/2019	68950	1869.866667	0.027119	-3.60751			
10/11/2019	68950	4659.583333	0.067579	-2.69446			
10/12/2019	68950	645316.1833	9.35919	2.236359			
10/13/2019	68950	359.6333334	0.005216	-5.25605			
10/14/2019	68950	5895.183333	0.085499	-2.45925			
10/15/2019	68950	7352.75	0.106639	-2.23831			
10/16/2019	68950	104196.1333	1.511184	0.412893			
10/17/2019	68950	675.0666667	0.009791	-4.62633			
10/18/2019	68950	7802.966667	0.113168	-2.17888			
10/19/2019	68950	791.5	0.011479	-4.46721			
10/2/2019	68950	67808.53333	0.983445	-0.01669			
10/20/2019	68950	6922.066667	0.100393	-2.29867			
10/21/2019	68950	4223.283333	0.061251	-2.79277			
10/22/2019	68950	9900.483334	0.143589	-1.9408			
10/23/2019	68950	5635.266667	0.08173	-2.50434			
10/24/2019	68950	4347.666667	0.063055	-2.76374			
10/25/2019	68950	5060.016667	0.073387	-2.61201			
10/26/2019	68950	188860.9	2.739099	1.007629			
10/27/2019	68950	27536.01667	0.399362	-0.91789			
10/28/2019	68950	16834.7	0.244158	-1.40994			
10/29/2019	68950	338.7	0.004912	-5.31602			
10/3/2019	68950	13611.21667	0.197407	-1.62249			
10/30/2019	68950	3355.1	0.04866	-3.0229			
10/31/2019	68950	74773.8	1.084464	0.081086			
10/4/2019	68950	4392.916666	0.063712	-2.75339			
10/5/2019	68950	14284.36667	0.20717	-1.57422			
10/6/2019	68950	4834.083333	0.07011	-2.65769			
10/7/2019	68950	249803.9667	3.622973	1.287295			
10/9/2019	68950	45691.81667	0.66268	-0.41146			
11/1/2019	68950	4930.9	0.071514	-2.63786			
11/10/2019	68950	50.86666667	0.000738	-7.21193			
11/11/2019	68950	8252.2	0.119684	-2.1229			
11/12/2019	68950	6827.366666	0.099019	-2.31244			
11/13/2019	68950	386.65	0.005608	-5.18362			
11/14/2019	68950	3656.966667	0.053038	-2.93675			
11/15/2019	68950	7414.166667	0.10753	-2.22999			
11/16/2019	68950	888	0.012879	-4.35217			
11/17/2019	68950	75.93333333	0.001101	-6.81128			
11/18/2019	68950	439.6833333	0.006377	-5.05508			
11/19/2019	68950	5341.916667	0.077475	-2.5578			
11/2/2019	68950	1247.066667	0.018087	-4.01259			
11/20/2019	68950	15309.65	0.22204	-1.5049			
11/21/2019	68950	71669.11667	1.039436	0.038678			
11/22/2019	68950	5235.6	0.075933	-2.5779			
11/23/2019	68950	46818.38333	0.679019	-0.38711			
11/24/2019	68950	2747.1	0.039842	-3.22284			
11/25/2019	68950	53129.68333	0.770554	-0.26065			
11/26/2019	68950	8271.366665	0.119962	-2.12058			

11/27/2019	68950	295596.3333	4.287111	1.455613
11/28/2019	68950	60156.06666	0.872459	-0.13644
11/29/2019	68950	513.8666667	0.007453	-4.89917
11/30/2019	68950	1578.95	0.0229	-3.77662
11/30/2019	68950	135270.0333	1.961857	0.673891
11/4/2019	68950	5128.766667	0.074384	-2.59852
11/5/2019	68950	2281.916667	0.033095	-3.40837
11/6/2019	68950	12359.46667	0.179253	-1.71896
11/7/2019	68950	7579.800001	0.109932	-2.20789
11/8/2019	68950	1612.833333	0.023391	-3.75539
11/9/2019	68950	926.0499999	0.013431	-4.31021
12/1/2019	68950	85829.81667	1.244812	0.218985
12/10/2019	68950	126924.4833	1.840819	0.610211
12/11/2019	68950	7362.816667	0.106785	-2.23694
12/12/2019	68950	1132.45	0.016424	-4.109
12/13/2019	68950	29371.45	0.425982	-0.85336
12/14/2019	68950	11354.8	0.164682	-1.80374
12/15/2019	68950	2921.483333	0.042371	-3.16129
12/16/2019	68950	512147.1667	7.427805	2.00523
12/17/2019	68950	1149.516667	0.016672	-4.09404
12/18/2019	68950	8663.766667	0.125653	-2.07423
12/19/2019	68950	289386.2333	4.197045	1.434381
12/2/2019	68950	28121.98333	0.407861	-0.89683
12/20/2019	68950	16744.26667	0.242847	-1.41533
12/21/2019	68950	697177.3167	10.11135	2.313658
12/22/2019	68950	3069.416667	0.044517	-3.11189
12/23/2019	68950	516.1833333	0.007486	-4.89467
12/24/2019	68950	39312.63333	0.570161	-0.56184
12/25/2019	68950	1573.266667	0.022818	-3.78023
12/26/2019	68950	6420.383333	0.093117	-2.3739
12/27/2019	68950	1082.55	0.015701	-4.15406
12/28/2019	68950	119.6166667	0.001735	-6.35684
12/29/2019	68950	2035.216667	0.029517	-3.52278
12/3/2019	68950	7226.766667	0.104812	-2.25559
12/30/2019	68950	128750.3	1.867299	0.624493
12/31/2019	68950	93.4	0.001355	-6.60425
12/4/2019	68950	675.4	0.009796	-4.62583
12/5/2019	68950	2771.45	0.040195	-3.21401
12/6/2019	68950	3873.466667	0.056178	-2.87923
12/7/2019	68950	500.9166667	0.007265	-4.9247
12/8/2019	68950	3632.666667	0.052686	-2.94341
12/9/2019	68950	22134.66667	0.321025	-1.13624
2/1/2019	68950	1421.733333	0.02062	-3.8815
2/10/2019	68950	392	0.005685	-5.16988
2/11/2019	68950	2375.4	0.034451	-3.36822
2/12/2019	68950	122062.2	1.7703	0.571149
2/13/2019	68950	16358.46667	0.237251	-1.43864
2/14/2019	68950	2900.516666	0.042067	-3.16849
2/15/2019	68950	46828.31667	0.679163	-0.38689
2/16/2019	68950	176.3	0.002557	-5.96895
2/18/2019	68950	1184.166667	0.017174	-4.06434
2/19/2019	68950	3350.6	0.048595	-3.02424
2/20/2019	68950	165799.9167	2.40464	0.8774
2/21/2019	68950	8513.733331	0.123477	-2.0917
2/22/2019	68950	3532.966667	0.05124	-2.97124
2/23/2019	68950	8096.416667	0.117424	-2.14196
2/24/2019	68950	447492.9667	6.490108	1.870279
2/25/2019	68950	8318.449999	0.120645	-2.11491
2/26/2019	68950	8168.266666	0.118467	-2.13312
2/27/2019	68950	22338.86667	0.323986	-1.12705
2/28/2019	68950	50520.01667	0.732705	-0.31101
2/5/2019	68950	104.2	0.001511	-6.49482
2/6/2019	68950	3480.633333	0.050481	-2.98617
2/7/2019	68950	231696.3167	3.360353	1.212046
2/8/2019	68950	2016	0.029239	-3.53227
2/9/2019	68950	7592.916667	0.110122	-2.20617
3/1/2019	68950	210.65	0.003055	-5.79094
3/10/2019	68950	278.8333333	0.004044	-5.51052
3/11/2019	68950	2227.7	0.032309	-3.43241
3/14/2019	68950	195394.5833	2.833859	1.041639
3/15/2019	68950	898.5	0.013031	-4.34041
3/17/2019	68950	63.15	0.000916	-6.99562
3/18/2019	68950	535.3	0.007764	-4.85831
3/19/2019	68950	3593.85	0.052123	-2.95416
3/2/2019	68950	94.66666667	0.001373	-6.59077
3/20/2019	68950	1530.183333	0.022193	-3.80799
3/21/2019	68950	69888.73333	1.013615	0.013523
3/22/2019	68950	40630.18333	0.58927	-0.52887
3/23/2019	68950	166.2333333	0.002411	-6.02774
3/24/2019	68950	1546.983333	0.022436	-3.79707
3/25/2019	68950	13452.4	0.195104	-1.63422
3/26/2019	68950	19034.2	0.276058	-1.28714
3/27/2019	68950	2455.633333	0.035615	-3.335
3/28/2019	68950	981.8499999	0.01424	-4.2517
3/29/2019	68950	2280.916667	0.033081	-3.4088
3/3/2019	68950	58	0.000841	-7.08069

3/30/2019	68950	180560.3333	2.618714	0.962683
3/31/2019	68950	711.2166667	0.010315	-4.57416
3/4/2019	68950	90.43333333	0.001312	-6.63652
3/5/2019	68950	159.6666667	0.002316	-6.06805
3/6/2019	68950	228987.4333	3.321065	1.200286
3/7/2019	68950	623.4666667	0.009042	-4.70584
3/9/2019	68950	153739.7667	2.229728	0.80188
4/10/2019	68950	14465.1	0.209791	-1.56164
4/11/2019	68950	67048.55	0.972423	-0.02796
4/12/2019	68950	6359.366667	0.092232	-2.38345
4/13/2019	68950	1623.233333	0.023542	-3.74896
4/14/2019	68950	2328005.8	33.76368	3.519386
4/15/2019	68950	11353.76667	0.164667	-1.80383
4/16/2019	68950	284.9	0.004132	-5.489
4/17/2019	68950	40309.56667	0.58462	-0.53679
4/18/2019	68950	22194.51667	0.321893	-1.13354
4/19/2019	68950	35693.2	0.517668	-0.65842
4/2/2019	68950	269.7	0.003912	-5.54383
4/20/2019	68950	867.9	0.012587	-4.37506
4/21/2019	68950	488.2666667	0.007081	-4.95028
4/22/2019	68950	1290.383333	0.018715	-3.97844
4/23/2019	68950	78.06666666	0.001132	-6.78357
4/24/2019	68950	1155.35	0.016756	-4.08898
4/25/2019	68950	1972.966667	0.028614	-3.55384
4/26/2019	68950	45893.9	0.665611	-0.40705
4/27/2019	68950	3097.45	0.044923	-3.1028
4/28/2019	68950	100661.5667	1.459921	0.378382
4/29/2019	68950	25446.83333	0.369062	-0.99679
4/3/2019	68950	32.63333333	0.000473	-7.6558
4/30/2019	68950	218591.7167	3.170293	1.153824
4/4/2019	68950	36572.86667	0.530426	-0.63407
4/5/2019	68950	22925.48333	0.332494	-1.10113
4/6/2019	68950	2083.466667	0.030217	-3.49935
4/7/2019	68950	3882.8	0.056313	-2.87683
4/8/2019	68950	1129.8	0.016386	-4.11134
4/9/2019	68950	1439.933333	0.020884	-3.86878
5/1/2019	68950	7194.933333	0.10435	-2.26
5/10/2019	68950	18653.8	0.270541	-1.30733
5/11/2019	68950	21465.68333	0.311322	-1.16693
5/12/2019	68950	3162.25	0.045863	-3.0821
5/13/2019	68950	12730.75	0.184637	-1.68936
5/14/2019	68950	7953.416667	0.11535	-2.15978
5/15/2019	68950	2955.033333	0.042858	-3.14987
5/16/2019	68950	25598.33333	0.371259	-0.99085
5/17/2019	68950	5955.966667	0.086381	-2.44899
5/18/2019	68950	117084.65	1.698109	0.529516
5/19/2019	68950	79903.6	1.158863	0.147439
5/2/2019	68950	115806.35	1.67957	0.518538
5/20/2019	68950	157419.1	2.283091	0.82553
5/21/2019	68950	28914.93333	0.419361	-0.86902
5/22/2019	68950	1414.683333	0.020518	-3.88648
5/23/2019	68950	10356.61667	0.150205	-1.89576
5/24/2019	68950	3361.983333	0.04876	-3.02085
5/25/2019	68950	4550.9	0.066003	-2.71806
5/26/2019	68950	170923.4	2.478947	0.907834
5/27/2019	68950	24461.73333	0.354775	-1.03627
5/28/2019	68950	2609.366667	0.037844	-3.27427
5/29/2019	68950	125542.7833	1.82078	0.599265
5/3/2019	68950	95824.11666	1.389762	0.329133
5/30/2019	68950	36697.6	0.532235	-0.63067
5/31/2019	68950	24128.11667	0.349936	-1.05
5/4/2019	68950	1362.433333	0.01976	-3.92411
5/5/2019	68950	26703.4	0.387286	-0.94859
5/6/2019	68950	9240.550001	0.134018	-2.00978
5/7/2019	68950	6609.3	0.095856	-2.3449
5/8/2019	68950	896.95	0.013009	-4.34214
5/9/2019	68950	2916.466667	0.042298	-3.16301
6/1/2019	68950	920.2833333	0.013347	-4.31646
6/10/2019	68950	9696.516667	0.140631	-1.96161
6/11/2019	68950	6362.2	0.092273	-2.38301
6/12/2019	68950	17430.86667	0.252804	-1.37514
6/13/2019	68950	23120.86667	0.335328	-1.09265
6/14/2019	68950	103775.05	1.505077	0.408844
6/15/2019	68950	5654.85	0.082014	-2.50087
6/16/2019	68950	1410.4	0.020455	-3.88951
6/17/2019	68950	128710.0333	1.866715	0.62418
6/18/2019	68950	63148.78334	0.915863	-0.08789
6/19/2019	68950	273512.4333	3.966823	1.377965
6/2/2019	68950	2518.7	0.036529	-3.30964
6/20/2019	68950	553887.9	8.033182	2.083581
6/21/2019	68950	5753724.7	83.44778	4.424221
6/22/2019	68950	3002261.467	43.54259	3.77374
6/23/2019	68950	412454.6667	5.981939	1.788745
6/24/2019	68950	62529.63333	0.906884	-0.09774
6/25/2019	68950	16982.8	0.246306	-1.40118
6/26/2019	68950	46749.73333	0.678024	-0.38857

6/27/2019	68950	20807.81667	0.301781	-1.19805
6/28/2019	68950	55796.08333	0.809225	-0.21168
6/29/2019	68950	9505.633333	0.137863	-1.9815
6/3/2019	68950	40862.18333	0.592635	-0.52318
6/30/2019	68950	1853.25	0.026878	-3.61644
6/4/2019	68950	6311.083334	0.091531	-2.39107
6/5/2019	68950	7535.15	0.109284	-2.2138
6/6/2019	68950	105802.65	1.534484	0.428194
6/7/2019	68950	65202.53333	0.94565	-0.05588
6/8/2019	68950	91593.01667	1.328398	0.283973
6/9/2019	68950	3248.166667	0.047109	-3.05529
7/1/2019	68950	51645.26667	0.749025	-0.28898
7/10/2019	68950	10250.71667	0.148669	-1.90603
7/11/2019	68950	318767.1333	4.623164	1.531079
7/12/2019	68950	33064.61667	0.479545	-0.73492
7/15/2019	68950	81118.3	1.17648	0.162527
7/16/2019	68950	54419.48333	0.78926	-0.23666
7/17/2019	68950	983.65	0.014266	-4.24987
7/18/2019	68950	24245.8	0.351643	-1.04514
7/19/2019	68950	19278.81667	0.279606	-1.27437
7/2/2019	68950	5410.516667	0.07847	-2.54504
7/20/2019	68950	228698.4833	3.316874	1.199023
7/21/2019	68950	6405.166666	0.092896	-2.37628
7/22/2019	68950	175390.45	2.543734	0.933633
7/23/2019	68950	134664.1	1.953069	0.669402
7/24/2019	68950	7056.916667	0.102348	-2.27937
7/25/2019	68950	11944.91667	0.17324	-1.75308
7/26/2019	68950	10495.96667	0.152226	-1.88239
7/27/2019	68950	327.95	0.004756	-5.34828
7/28/2019	68950	731.4666667	0.010609	-4.54609
7/29/2019	68950	47858.73334	0.694108	-0.36513
7/3/2019	68950	21816.58333	0.316412	-1.15071
7/30/2019	68950	136567.9167	1.98068	0.68344
7/31/2019	68950	115418.35	1.673943	0.515182
7/4/2019	68950	22522.91667	0.326656	-1.11885
7/5/2019	68950	15166.85	0.219969	-1.51427
7/6/2019	68950	23661.96667	0.343176	-1.06951
7/7/2019	68950	101669.7333	1.474543	0.388348
7/8/2019	68950	4107.4	0.059571	-2.82059
7/9/2019	68950	18015.11667	0.261278	-1.34217
8/1/2019	68950	75907.8	1.100911	0.096138
8/10/2019	68950	784.9166668	0.011384	-4.47556
8/11/2019	68950	5215.333333	0.075639	-2.58178
8/12/2019	68950	5209.1	0.075549	-2.58297
8/13/2019	68950	268403.1667	3.892722	1.359109
8/14/2019	68950	40044.15	0.580771	-0.5434
8/15/2019	68950	720.4833332	0.010449	-4.56121
8/16/2019	68950	8194.816667	0.118852	-2.12988
8/17/2019	68950	184.1	0.00267	-5.92566
8/18/2019	68950	2404.766667	0.034877	-3.35593
8/19/2019	68950	5376.833334	0.077982	-2.55128
8/2/2019	68950	60571.6	0.878486	-0.12956
8/20/2019	68950	209920.9833	3.044539	1.11335
8/21/2019	68950	7606.05	0.110313	-2.20444
8/22/2019	68950	6863.4	0.099542	-2.30718
8/23/2019	68950	4034.516667	0.058514	-2.8385
8/24/2019	68950	40550.16667	0.58811	-0.53084
8/25/2019	68950	12591.28333	0.182615	-1.70038
8/26/2019	68950	6640.95	0.096315	-2.34013
8/27/2019	68950	11131.45	0.161442	-1.82361
8/28/2019	68950	11552.51667	0.167549	-1.78648
8/29/2019	68950	8486.533334	0.123082	-2.0949
8/3/2019	68950	106.1833333	0.00154	-6.47597
8/30/2019	68950	195304.05	2.832546	1.041176
8/31/2019	68950	8092.533333	0.117368	-2.14244
8/4/2019	68950	924.3333333	0.013406	-4.31206
8/5/2019	68950	9224.566667	0.133786	-2.01151
8/6/2019	68950	16351.2	0.237146	-1.43908
8/7/2019	68950	5666.816667	0.082187	-2.49875
8/8/2019	68950	1503.8	0.02181	-3.82539
8/9/2019	68950	9638.416666	0.139788	-1.96762
9/1/2019	68950	12386.78333	0.179649	-1.71675
9/10/2019	68950	2761.316667	0.040048	-3.21767
9/11/2019	68950	62860.01667	0.911675	-0.09247
9/12/2019	68950	7796.883333	0.11308	-2.17966
9/13/2019	68950	1154.633333	0.016746	-4.0896
9/14/2019	68950	35888.8	0.520505	-0.65296
9/15/2019	68950	3347.816667	0.048554	-3.02507
9/16/2019	68950	460813.7	6.683302	1.899612
9/17/2019	68950	56641.58333	0.821488	-0.19664
9/18/2019	68950	3601.383333	0.052232	-2.95206
9/19/2019	68950	990.95	0.014372	-4.24247
9/2/2019	68950	1134.633333	0.016456	-4.10707
9/20/2019	68950	16939.68333	0.245681	-1.40372
9/21/2019	68950	5472.733333	0.079372	-2.5336
9/22/2019	68950	23965.25	0.347574	-1.05678

9/23/2019	68950	20607.11667	0.29887	-1.20775
9/24/2019	68950	35262.88333	0.511427	-0.67055
9/25/2019	68950	8958.833334	0.129932	-2.04074
9/26/2019	68950	3079.733334	0.044666	-3.10854
9/27/2019	68950	3893.6	0.05647	-2.87405
9/28/2019	68950	23358.23333	0.338771	-1.08243
9/29/2019	68950	6318.433333	0.091638	-2.38991
9/3/2019	68950	1073.7	0.015572	-4.16227
9/30/2019	68950	15255.68333	0.221257	-1.50843
9/4/2019	68950	1550.783333	0.022491	-3.79462
9/5/2019	68950	40431.66667	0.586391	-0.53377
9/6/2019	68950	60.25	0.000874	-7.04263
9/7/2019	68950	961.3833333	0.013943	-4.27276
9/8/2019	68950	4339.666667	0.062939	-2.76558
9/9/2019	68950	10377.21667	0.150504	-1.89377

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

69.07443

10. REPORTING YEAR (SAIDI)

198.08584

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.80637

12. REPORTING YEAR (SAIFI)

1.9413629

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 #0101:

1. SUBSTATION NAME AND NUMBER

01/RUSSELL SPRINGS #1

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

64 Old Sano Road, Russell Springs, Ky 42642

3. CIRCUIT NAME AND NUMBER

NORTH HWY 127 / #0101

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

NORTH HWY 127 FROM HWY 80

5. TOTAL CIRCUIT LENGTH (MILES)

7.25

6. CUSTOMER COUNT FOR THIS CIRCUIT

162

7.. DATE OF LAST CIRCUIT TRIM (VM)

2010

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

91.50551

10. REPORTING YEAR (SAIDI)

110.6073

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.29462

12. REPORTING YEAR (SAIFI)

2.9012346

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION MAINTENANCE TO OCCUR**

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)
HWY 80
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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
63.61723
10. REPORTING YEAR (SAIDI)
126.68116
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.78429
12. REPORTING YEAR (SAIFI)
1.7289157
13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION MAINTENANCE TO OCCUR**

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
50.03801
10. REPORTING YEAR (SAIDI)
77.670175
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.58513
12. REPORTING YEAR (SAIFI)
1.0394737
13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION MAINTENANCE TO OCCUR**

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
104.95005
10. REPORTING YEAR (SAIDI)
88.079025
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
1.4364
12. REPORTING YEAR (SAIFI)
1.519546
13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION MAINTENANCE TO OCCUR**

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
858
- 7.. DATE OF LAST CIRCUIT TRIM (VM)
2017
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
136.51525
10. REPORTING YEAR (SAIDI)
49.364744
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.83694
12. REPORTING YEAR (SAIFI)
1.4055944
13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION MAINTENANCE TO OCCUR**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0106:

1. SUBSTATION NAME AND NUMBER
01/RUSSELL SPRINGS #2
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
64 Old Sano Road, Russell Springs, Ky 42642
3. CIRCUIT NAME AND NUMBER
SANO / #0106
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS SANO NORTH FROM SUBSTATION
5. TOTAL CIRCUIT LENGTH (MILES)
60.22
6. CUSTOMER COUNT FOR THIS CIRCUIT
765
- 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

1 Unknown Cause	
2 Other Animal	
3 Trees	24%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	4%
9 Defective Equipment	
10 Transformer	4%
11 Customer Wiring	
13 Squirrel	4%
14 Bird	8%
15 Major Storm	8%
16 Line Down	8%
17 Transformer Fuse Blown	28%
18 Line Fuse	
19 Broke Pole	4%
20 Wind	
21 Load	
22 Planned	8%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
127.5775
10. REPORTING YEAR (SAIDI)
66.573224
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
2.18141
12. REPORTING YEAR (SAIFI)
2.5215686
13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION MAINTENANCE TO OCCUR**

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 HWY 910

5. TOTAL CIRCUIT LENGTH (MILES)

64.2

6. CUSTOMER COUNT FOR THIS CIRCUIT

538

7.. DATE OF LAST CIRCUIT TRIM (VM)

2010

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

1 Unknown Cause	3%
2 Other Animal	
3 Trees	34%
4 Lightning	3%
5 Car Hit Pole	
6 SOURCE	3%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	3%
14 Bird	6%
15 Major Storm	
16 Line Down	3%
17 Transformer Fuse Blown	22%
18 Line Fuse	6%
19 Broke Pole	3%
20 Wind	
21 Load	
22 Planned	13%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

202.52201

10. REPORTING YEAR (SAIDI)

142.4364

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.99935

12. REPORTING YEAR (SAIFI)

2.5315985

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 #0401:

1. SUBSTATION NAME AND NUMBER

04/MT OLIVE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

4968 Calvary Ridge Road, Yosemite, KY 42566

3. CIRCUIT NAME AND NUMBER

CALVARY RIDGE / #0401

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

FEEDS CALVARY RIDGE

5. TOTAL CIRCUIT LENGTH (MILES)

48.9

6. CUSTOMER COUNT FOR THIS CIRCUIT

507

7.. DATE OF LAST CIRCUIT TRIM (VM)

2010

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

286.5027

10. REPORTING YEAR (SAIDI)

353.30789

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

3.39799

12. REPORTING YEAR (SAIFI)

5.27344

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
TRANSMISSION FEED INSPECTED**

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)

2012

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

1 Unknown Cause	
2 Other Animal	
3 Trees	45%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	3%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	10%
14 Bird	3%
15 Major Storm	6%
16 Line Down	3%
17 Transformer Fuse Blown	23%
18 Line Fuse	3%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	3%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

230.95023

10. REPORTING YEAR (SAIDI)

309.99243

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.66755

12. REPORTING YEAR (SAIFI)

1.7911585

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
TRANSMISSION FEED INSPECTED**

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)

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

180.82667

10. REPORTING YEAR (SAIDI)

584.14872

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.55456

12. REPORTING YEAR (SAIFI)

4.133333

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
TRANSMISSION FEED INSPECTED**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0406:

1. SUBSTATION NAME AND NUMBER

04/MT OLIVE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

4968 Calvary Ridge Road, Yosemite, KY 42566

3. CIRCUIT NAME AND NUMBER

CASEY STONE / #0406

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

FEEDS CASEY STONE

5. TOTAL CIRCUIT LENGTH (MILES)

66.63

6. CUSTOMER COUNT FOR THIS CIRCUIT

544

7.. DATE OF LAST CIRCUIT TRIM (VM)

2010

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

605.29567

10. REPORTING YEAR (SAIDI)

740.80334

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

3.58365

12. REPORTING YEAR (SAIFI)

6.4540441

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
TRANSMISSION FEED INSPECTED**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0501:

1. SUBSTATION NAME AND NUMBER

05/SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

105 Jared Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

INDUSTRIAL PARK / #0501

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

FEEDS TOWARD CABIN HOLLOW

5. TOTAL CIRCUIT LENGTH (MILES)

3.05

6. CUSTOMER COUNT FOR THIS CIRCUIT

18

7.. DATE OF LAST CIRCUIT TRIM (VM)

2012

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

17.51449

10. REPORTING YEAR (SAIDI)

82.736111

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.68485

12. REPORTING YEAR (SAIFI)

0.83333333

13. CORRECTIVE ACTION PLAN

SUBSTATION MAINTENANCE OCCURRED, FUTURE PLANNING IN PROGRESS

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 RR 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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

76.15567

10. REPORTING YEAR (SAIDI)

380.77833

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.38

12. REPORTING YEAR (SAIFI)

1.9

13. CORRECTIVE ACTION PLAN

**SUBSTATION MAINTENANCE OCCURRED, FUTURE PLANNING IN PROGRESS
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 #0406:

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 BOAT DOCK RD

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

202.59686

10. REPORTING YEAR (SAIDI)

77.124642

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.95491

12. REPORTING YEAR (SAIFI)

1.1564417

13. CORRECTIVE ACTION PLAN

**SUBSTATION MAINTENANCE OCCURRED, FUTURE PLANNING IN PROGRESS
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 #0406:

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 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

1 Unknown Cause	
2 Other Animal	
3 Trees	46%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	15%
9 Defective Equipment	
10 Transformer	8%
11 Customer Wiring	
13 Squirrel	8%
14 Bird	8%
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	8%
18 Line Fuse	8%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

62.31242

10. REPORTING YEAR (SAIDI)

189.41219

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.89513

12. REPORTING YEAR (SAIFI)

2.1536797

13. CORRECTIVE ACTION PLAN

**SUBSTATION MAINTENANCE OCCURRED, FUTURE PLANNING IN PROGRESS
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 #0406:

1. SUBSTATION NAME AND NUMBER

05/SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

105 Jared Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

OAK HILL RD. / #0505

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

FEEDS TOWARD SOMERSET

5. TOTAL CIRCUIT LENGTH (MILES)

6.01

6. CUSTOMER COUNT FOR THIS CIRCUIT

98

7.. DATE OF LAST CIRCUIT TRIM (VM)

2012

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

147.27012

10. REPORTING YEAR (SAIDI)

275.10238

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.42355

12. REPORTING YEAR (SAIFI)

4.3469388

13. CORRECTIVE ACTION PLAN

**SUBSTATION MAINTENANCE OCCURRED, FUTURE PLANNING IN PROGRESS
CKT WILL BE VISUALLY INSPECTED**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0602:

1. SUBSTATION NAME AND NUMBER

06/EAST SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

126 Garner School Road, Somerset, KY 42503

3. CIRCUIT NAME AND NUMBER

BOLTON SUBDIVISION / #0602

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

FEEDS BOLTON SUBDIVISION TOWARD NV

5. TOTAL CIRCUIT LENGTH (MILES)

6.58

6. CUSTOMER COUNT FOR THIS CIRCUIT

123

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

58.13971

10. REPORTING YEAR (SAIDI)

48.618699

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.57202

12. REPORTING YEAR (SAIFI)

1.138114

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 #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 SUGAR HILL EAST 80

5. TOTAL CIRCUIT LENGTH (MILES)

27.26

6. CUSTOMER COUNT FOR THIS CIRCUIT

510

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

1 Unknown Cause	5%
2 Other Animal	
3 Trees	29%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	10%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	33%
14 Bird	5%
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	14%
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	5%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

86.50787

10. REPORTING YEAR (SAIDI)

329.59154

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.03386

12. REPORTING YEAR (SAIFI)

4.1529412

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 #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

1 Unknown Cause	
2 Other Animal	
3 Trees	60%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	4%
9 Defective Equipment	
10 Transformer	4%
11 Customer Wiring	
13 Squirrel	12%
14 Bird	4%
15 Major Storm	4%
16 Line Down	8%
17 Transformer Fuse Blown	
18 Line Fuse	4%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

163.14708

10. REPORTING YEAR (SAIDI)

169.29983

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.59356

12. REPORTING YEAR (SAIFI)

2.5609137

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 #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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

148.23547

10. REPORTING YEAR (SAIDI)

134.76824

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.418

12. REPORTING YEAR (SAIFI)

1.5767857

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 #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

1 Unknown Cause	
2 Other Animal	
3 Trees	29%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	4%
9 Defective Equipment	
10 Transformer	8%
11 Customer Wiring	
13 Squirrel	8%
14 Bird	4%
15 Major Storm	4%
16 Line Down	13%
17 Transformer Fuse Blown	17%
18 Line Fuse	8%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	4%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
407.61926
10. REPORTING YEAR (SAIDI)
433.04973
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
2.71491
12. REPORTING YEAR (SAIFI)
3.552
13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
TRANSMISSION FEED INSPECTED, THREE-WAY SWITCH TO BE INSTALLED**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0703:

1. SUBSTATION NAME AND NUMBER

07/SHOPVILLE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

130 Dahl Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

BARNESBURG / #0703

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

FEEDS WEST HWY 80

5. TOTAL CIRCUIT LENGTH (MILES)

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

291.73154

10. REPORTING YEAR (SAIDI)

185.45451

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.17271

12. REPORTING YEAR (SAIFI)

1.6156584

13. CORRECTIVE ACTION PLAN

CKT WILL BE VISUALLY INSPECTED

TRANSMISSION FEED INSPECTED, THREE-WAY SWITCH TO BE INSTALLED

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

1 Unknown Cause	
2 Other Animal	
3 Trees	34%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	3%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	3%
14 Bird	
15 Major Storm	13%
16 Line Down	28%
17 Transformer Fuse Blown	13%
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	6%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

105.27316

10. REPORTING YEAR (SAIDI)

209.90454

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.91099

12. REPORTING YEAR (SAIFI)

2.7646277

13. CORRECTIVE ACTION PLAN

CKT WILL BE VISUALLY INSPECTED

TRANSMISSION FEED INSPECTED, THREE-WAY SWITCH TO BE INSTALLED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0802:

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
EAGLE HARDWOOD / #0802
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS EAGLE HARDWOOD
5. TOTAL CIRCUIT LENGTH (MILES)
1.64
6. CUSTOMER COUNT FOR THIS CIRCUIT
19
- 7.. DATE OF LAST CIRCUIT TRIM (VM)
2014
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE NUMBERS
NUMBERS REPRESENTED BY EACH CAUSE

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
24.54649
10. REPORTING YEAR (SAIDI)
122.73246
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.38947
12. REPORTING YEAR (SAIFI)
1.9473684
13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION RECONFIGURATION OCCURRED**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0803:

1. SUBSTATION NAME AND NUMBER

08/NORWOOD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

279 West Racetrak Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

PARKWAY MANOR / #0803

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

FEEDS TOWARDS RINGOLD RD.

5. TOTAL CIRCUIT LENGTH (MILES)

25.53

6. CUSTOMER COUNT FOR THIS CIRCUIT

642

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

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

1 Unknown Cause	
2 Other Animal	
3 Trees	47%
4 Lightning	3%
5 Car Hit Pole	
6 SOURCE	3%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	7%
14 Bird	
15 Major Storm	10%
16 Line Down	
17 Transformer Fuse Blown	17%
18 Line Fuse	10%
19 Broke Pole	3%
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

145.28288

10. REPORTING YEAR (SAIDI)

293.78281

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.389

12. REPORTING YEAR (SAIFI)

3.6386293

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION RECONFIGURATION OCCURRED**

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

92.33824

10. REPORTING YEAR (SAIDI)

194.68155

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.15244

12. REPORTING YEAR (SAIFI)

3.5632184

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION RECONFIGURATION OCCURRED**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0805:

1. SUBSTATION NAME AND NUMBER

08/NORWOOD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

279 West Racetrak Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

NORTH HWY 27 / #0805

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

3.5

5. TOTAL CIRCUIT LENGTH (MILES)

210

6. CUSTOMER COUNT FOR THIS CIRCUIT

21

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

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

1 Unknown Cause	
2 Other Animal	
3 Trees	
4 Lightning	
5 Car Hit Pole	
6 SOURCE	67%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	33%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

10.36774

10. REPORTING YEAR (SAIDI)

21.742222

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.17214

12. REPORTING YEAR (SAIFI)

0.347619

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION RECONFIGURATION OCCURRED**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #0901:

1. SUBSTATION NAME AND NUMBER

09/FLOYD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

859 Old Somerset Standford Road, Somerset, KY

3. CIRCUIT NAME AND NUMBER

ESTESBURG / #0901

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

FEEDS TOWARD WOODSTOCK

5. TOTAL CIRCUIT LENGTH (MILES)

15.45

6. CUSTOMER COUNT FOR THIS CIRCUIT

206

7.. DATE OF LAST CIRCUIT TRIM (VM)

2016

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

90.12929

10. REPORTING YEAR (SAIDI)

161.08244

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.131185

12. REPORTING YEAR (SAIFI)

2.131068

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 #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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

100.9779

10. REPORTING YEAR (SAIDI)

315.25278

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.89158

12. REPORTING YEAR (SAIFI)

1.9833333

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 #0905:

1. SUBSTATION NAME AND NUMBER

09/FLOYD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

859 Old Somerset Standford Road, Somerset, KY

3. CIRCUIT NAME AND NUMBER

NORTH HWY 27/ #0905

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

FEEDS NORTH ON HWY 27

5. TOTAL CIRCUIT LENGTH (MILES)

48.42

6. CUSTOMER COUNT FOR THIS CIRCUIT

577

7.. DATE OF LAST CIRCUIT TRIM (VM)

2016

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

1 Unknown Cause	
2 Other Animal	
3 Trees	48%
4 Lightning	5%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	10%
14 Bird	
15 Major Storm	
16 Line Down	
17 Transformer Fuse Blown	14%
18 Line Fuse	5%
19 Broke Pole	5%
20 Wind	
21 Load	
22 Planned	14%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

252.41085

10. REPORTING YEAR (SAIDI)

344.19977

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.63781

12. REPORTING YEAR (SAIFI)

2.5095321

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 #1002:

1. SUBSTATION NAME AND NUMBER

10/NORTH ALBANY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1028 Third Street, Albany, KY 42602

3. CIRCUIT NAME AND NUMBER

DUVALL VALLEY / #1002

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

FEEDS UP OLD MONTICELLO RD.

5. TOTAL CIRCUIT LENGTH (MILES)

51.97

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

160.23582

10. REPORTING YEAR (SAIDI)

133.53074

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

7.91874

12. REPORTING YEAR (SAIFI)

8.4758713

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 #1105:

1. SUBSTATION NAME AND NUMBER

11/SOUTH ALBANY

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

235 West Harper Lane, Albany, KY 42602

3. CIRCUIT NAME AND NUMBER

STATIC / #1105

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

FEEDS SOUTH ON 127

5. TOTAL CIRCUIT LENGTH (MILES)

57.79

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

1 Unknown Cause	
2 Other Animal	
3 Trees	23%
4 Lightning	3%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	3%
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	26%
16 Line Down	10%
17 Transformer Fuse Blown	16%
18 Line Fuse	16%
19 Broke Pole	3%
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

98.69461

10. REPORTING YEAR (SAIDI)

133.69242

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.46526

12. REPORTING YEAR (SAIFI)

2.633557

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 #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

1 Unknown Cause	
2 Other Animal	
3 Trees	40%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	10%
14 Bird	
15 Major Storm	7%
16 Line Down	7%
17 Transformer Fuse Blown	3%
18 Line Fuse	17%
19 Broke Pole	3%
20 Wind	7%
21 Load	
22 Planned	7%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

128.54513

10. REPORTING YEAR (SAIDI)

249.21445

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.4299

12. REPORTING YEAR (SAIFI)

3.2637615

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 #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)

2017

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

295.077933

10. REPORTING YEAR (SAIDI)

927.98541

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.13238

12. REPORTING YEAR (SAIFI)

2.2947559

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 #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)

2013

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

1 Unknown Cause	6%
2 Other Animal	
3 Trees	28%
4 Lightning	9%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	4%
11 Customer Wiring	
13 Squirrel	8%
14 Bird	9%
15 Major Storm	8%
16 Line Down	8%
17 Transformer Fuse Blown	8%
18 Line Fuse	9%
19 Broke Pole	
20 Wind	2%
21 Load	
22 Planned	2%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

382.58507

10. REPORTING YEAR (SAIDI)

494.60251

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

3.16946

12. REPORTING YEAR (SAIFI)

3.6983719

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION RECONFIGURATION TO OCCUR 2020**

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 NORTH TOWARD ANTIOCH

5. TOTAL CIRCUIT LENGTH (MILES)

50.16

6. CUSTOMER COUNT FOR THIS CIRCUIT

1008

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

1 Unknown Cause	
2 Other Animal	
3 Trees	45%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	3%
11 Customer Wiring	
13 Squirrel	3%
14 Bird	
15 Major Storm	18%
16 Line Down	
17 Transformer Fuse Blown	8%
18 Line Fuse	5%
19 Broke Pole	3%
20 Wind	5%
21 Load	
22 Planned	13%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

336.45625

10. REPORTING YEAR (SAIDI)

653.8501

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.86147

12. REPORTING YEAR (SAIFI)

5.375

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 #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)

2011

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

1 Unknown Cause	
2 Other Animal	
3 Trees	66%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	5%
11 Customer Wiring	3%
13 Squirrel	3%
14 Bird	
15 Major Storm	8%
16 Line Down	3%
17 Transformer Fuse Blown	5%
18 Line Fuse	5%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	3%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

272.80289

10. REPORTING YEAR (SAIDI)

532.462

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.45051

12. REPORTING YEAR (SAIFI)

3.8883333

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 #1507:

1. SUBSTATION NAME AND NUMBER

15/BRONSTON #2

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2373 HWY 790, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

JACKSBORO RD / #1507

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

FEEDS JACKSBORO RD

5. TOTAL CIRCUIT LENGTH (MILES)

32.45

6. CUSTOMER COUNT FOR THIS CIRCUIT

612

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

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

1 Unknown Cause	
2 Other Animal	
3 Trees	39%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	13%
14 Bird	4%
15 Major Storm	9%
16 Line Down	
17 Transformer Fuse Blown	26%
18 Line Fuse	9%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

66.05171

10. REPORTING YEAR (SAIDI)

71.802941

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.92707

12. REPORTING YEAR (SAIFI)

1.3839869

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 #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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

67.02254

10. REPORTING YEAR (SAIDI)

138.28194

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.87181

12. REPORTING YEAR (SAIFI)

1.6649215

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 #1804:

1. SUBSTATION NAME AND NUMBER

18/PINE KNOT

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

245 Pine Tree Road, Pine Knot, KY 42635

3. CIRCUIT NAME AND NUMBER

STRUNK / #1804

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

FEEDS SOUTH OF PINE KNOT

5. TOTAL CIRCUIT LENGTH (MILES)

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

174.78594

10. REPORTING YEAR (SAIDI)

151.80499

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.36913

12. REPORTING YEAR (SAIFI)

3.2251785

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 #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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

63.77321

10. REPORTING YEAR (SAIDI)

126.23646

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.53737

12. REPORTING YEAR (SAIFI)

1.483333

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 #1904:

1. SUBSTATION NAME AND NUMBER

19/OAK HILL

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

230 North Nomans Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

TO GOLDEN HEIGHTS / #1904

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

FEEDS TOWARDS OAK HILL RD.

5. TOTAL CIRCUIT LENGTH (MILES)

20.34

6. CUSTOMER COUNT FOR THIS CIRCUIT

899

7.. DATE OF LAST CIRCUIT TRIM (VM)

2011

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

1 Unknown Cause	
2 Other Animal	
3 Trees	32%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	4%
11 Customer Wiring	
13 Squirrel	12%
14 Bird	
15 Major Storm	
16 Line Down	4%
17 Transformer Fuse Blown	12%
18 Line Fuse	24%
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	12%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

92.02611

10. REPORTING YEAR (SAIDI)

128.53637

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.95468

12. REPORTING YEAR (SAIFI)

1.1245829

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 #2002:

1. SUBSTATION NAME AND NUMBER

20/ASAHI

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1272 HWY 461, Somerset, KY 42503

3. CIRCUIT NAME AND NUMBER

TOYOTETSU / #2002

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

FEEDS TTAI

5. TOTAL CIRCUIT LENGTH (MILES)

0.2

6. CUSTOMER COUNT FOR THIS CIRCUIT

1

7.. DATE OF LAST CIRCUIT TRIM (VM)

N/A

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

12.60333

10. REPORTING YEAR (SAIDI)

63.016667

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.2

12. REPORTING YEAR (SAIFI)

1

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2003:

1. SUBSTATION NAME AND NUMBER

20/ASAHI

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1272 HWY 461, Somerset, KY 42503

3. CIRCUIT NAME AND NUMBER

TECHNICAL PARK / #2003

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

FEEDS ACROSS HWY 461

5. TOTAL CIRCUIT LENGTH (MILES)

6.29

6. CUSTOMER COUNT FOR THIS CIRCUIT

44

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

64.6025

10. REPORTING YEAR (SAIDI)

86.060227

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.71334

12. REPORTING YEAR (SAIFI)

3.0681818

13. CORRECTIVE ACTION PLAN

VISUAL INSPECTION OF TRANSMISSION ROW, SUBSTATION AND MAINTENANCE OVERVIEW

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 HENDRICKSON

5. TOTAL CIRCUIT LENGTH (MILES)

0.84

6. CUSTOMER COUNT FOR THIS CIRCUIT

7

7.. DATE OF LAST CIRCUIT TRIM (VM)

N/A

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

13.77417

10. REPORTING YEAR (SAIDI)

63.016667

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.45

12. REPORTING YEAR (SAIFI)

1

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2005:

1. SUBSTATION NAME AND NUMBER

20/ASAHI

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1272 HWY 461, Somerset, KY 42503

3. CIRCUIT NAME AND NUMBER

ALUMITECH / #2005

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

FEEDS GATORMADE

5. TOTAL CIRCUIT LENGTH (MILES)

0.45

6. CUSTOMER COUNT FOR THIS CIRCUIT

4

7.. DATE OF LAST CIRCUIT TRIM (VM)

N/A

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

38.56333

10. REPORTING YEAR (SAIDI)

63.016667

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.13333

12. REPORTING YEAR (SAIFI)

1

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 #2104:

1. SUBSTATION NAME AND NUMBER

21/WEST SOMERSET

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

160 Patterson Branch Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

LEES FORD / #2104

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

FEEDS LEES FORD MARINA

5. TOTAL CIRCUIT LENGTH (MILES)

13.88

6. CUSTOMER COUNT FOR THIS CIRCUIT

402

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

172.91701

10. REPORTING YEAR (SAIDI)

177.25489

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.76833

12. REPORTING YEAR (SAIFI)

1.4875622

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 #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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

38.94892

10. REPORTING YEAR (SAIDI)

86.667192

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.623

12. REPORTING YEAR (SAIFI)

0.9085174

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION MAINTENANCE TO OCCUR**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2203:

1. SUBSTATION NAME AND NUMBER

22/SALEM

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

1313 S. Highway 76, Russell Springs, Ky 42642

3. CIRCUIT NAME AND NUMBER

ALLIGATOR / #2203

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

FEEDS SOUTH ON HWY 76

5. TOTAL CIRCUIT LENGTH (MILES)

42.01

6. CUSTOMER COUNT FOR THIS CIRCUIT

852

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

207.65667

10. REPORTING YEAR (SAIDI)

269.11976

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.767

12. REPORTING YEAR (SAIFI)

2.2816901

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION MAINTENANCE TO OCCUR**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2204:

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

SUPERIOR / #2204

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

FEEDS SUPERIOR BATTERY

5. TOTAL CIRCUIT LENGTH (MILES)

3.58

6. CUSTOMER COUNT FOR THIS CIRCUIT

42

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

125.5689

10. REPORTING YEAR (SAIDI)

550.37897

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.00844

12. REPORTING YEAR (SAIFI)

2.9285714

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION MAINTENANCE TO OCCUR**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2205:

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

HWY 80 / #2205

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

FEEDS HWY 80

5. TOTAL CIRCUIT LENGTH (MILES)

25.19

6. CUSTOMER COUNT FOR THIS CIRCUIT

436

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

219.366856

10. REPORTING YEAR (SAIDI)

54.882569

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.56273

12. REPORTING YEAR (SAIFI)

2.1582569

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
SUBSTATION MAINTENANCE TO OCCUR**

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
103.57669
10. REPORTING YEAR (SAIDI)
250.11089
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
1.57415
12. REPORTING YEAR (SAIFI)
4.1174785
13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
TRANSMISSION ROW INSPECTED, THREE WAY SWITCH TO BE INSTALLED**

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)

2014

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

1 Unknown Cause	
2 Other Animal	
3 Trees	59%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	6%
11 Customer Wiring	
13 Squirrel	9%
14 Bird	
15 Major Storm	6%
16 Line Down	
17 Transformer Fuse Blown	9%
18 Line Fuse	3%
19 Broke Pole	3%
20 Wind	
21 Load	
22 Planned	3%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

282.11803

10. REPORTING YEAR (SAIDI)

292.34681

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.51005

12. REPORTING YEAR (SAIFI)

2.472067

13. CORRECTIVE ACTION PLAN

CKT WILL BE VISUALLY INSPECTED

TRANSMISSION ROW INSPECTED, THREE WAY SWITCH TO BE INSTALLED

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2303:

1. SUBSTATION NAME AND NUMBER
23/CABIN HOLLOW
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
50 Commerce Lane, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
CEDAR GROVE / #2303
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS ELIHU CABIN HOLLOW RD.
5. TOTAL CIRCUIT LENGTH (MILES)
40.37
6. CUSTOMER COUNT FOR THIS CIRCUIT
602
- 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

1 Unknown Cause	
2 Other Animal	
3 Trees	36%
4 Lightning	8%
5 Car Hit Pole	
6 SOURCE	4%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	20%
14 Bird	
15 Major Storm	4%
16 Line Down	
17 Transformer Fuse Blown	
18 Line Fuse	8%
19 Broke Pole	4%
20 Wind	
21 Load	
22 Planned	16%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
143.7608
10. REPORTING YEAR (SAIDI)
352.23826
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
1.15279
12. REPORTING YEAR (SAIFI)
3.255814
13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
TRANSMISSION ROW INSPECTED, THREE WAY SWITCH TO BE INSTALLED**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2304:

1. SUBSTATION NAME AND NUMBER

23/CABIN HOLLOW

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

50 Commerce Lane, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

HARTCO / #2304

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

FEEDS OLD HARTCO BUILDING

5. TOTAL CIRCUIT LENGTH (MILES)

0.82

6. CUSTOMER COUNT FOR THIS CIRCUIT

4

7.. DATE OF LAST CIRCUIT TRIM (VM)

2013

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

19.91417

10. REPORTING YEAR (SAIDI)

99.570833

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.25

12. REPORTING YEAR (SAIFI)

1.25

13. CORRECTIVE ACTION PLAN

CKT WILL BE VISUALLY INSPECTED

TRANSMISSION ROW INSPECTED, THREE WAY SWITCH TO BE INSTALLED

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

108.11511

10. REPORTING YEAR (SAIDI)

231.75465

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.89319

12. REPORTING YEAR (SAIFI)

1.2700297

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 #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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
39.20335
10. REPORTING YEAR (SAIDI)
47.666029
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
0.68551
12. REPORTING YEAR (SAIFI)
0.510929
13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
FURTHER SECTIONALIZING TO OCCUR**

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

1 Unknown Cause	
2 Other Animal	
3 Trees	64%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	
14 Bird	
15 Major Storm	9%
16 Line Down	
17 Transformer Fuse Blown	18%
18 Line Fuse	
19 Broke Pole	9%
20 Wind	
21 Load	
22 Planned	

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

38.42507

10. REPORTING YEAR (SAIDI)

41.242146

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.61733

12. REPORTING YEAR (SAIFI)

0.197756

13. CORRECTIVE ACTION PLAN

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #2405:

1. SUBSTATION NAME AND NUMBER

24/SOUTH FLOYD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

355 West Todd Road, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

TO BUNCOMBE / #2405

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

FEEDS NORTH ON HWY 1247

5. TOTAL CIRCUIT LENGTH (MILES)

44.86

6. CUSTOMER COUNT FOR THIS CIRCUIT

538

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

102.54219

10. REPORTING YEAR (SAIDI)

106.39195

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.97701

12. REPORTING YEAR (SAIFI)

1.1040892

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 #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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

126.17979

10. REPORTING YEAR (SAIDI)

194.36079

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.18451

12. REPORTING YEAR (SAIFI)

1.1183511

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 #2702:

1. SUBSTATION NAME AND NUMBER

27/SLAT

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

101 Whispering Pines, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

PARNELL / #2702

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

FEEDS PARNELL

5. TOTAL CIRCUIT LENGTH (MILES)

104.15

6. CUSTOMER COUNT FOR THIS CIRCUIT

1573

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

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

1 Unknown Cause	7%
2 Other Animal	
3 Trees	50%
4 Lightning	2%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	3%
14 Bird	
15 Major Storm	17%
16 Line Down	5%
17 Transformer Fuse Blown	3%
18 Line Fuse	5%
19 Broke Pole	2%
20 Wind	
21 Load	
22 Planned	5%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

266.06762

10. REPORTING YEAR (SAIDI)

310.62606

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.90305

12. REPORTING YEAR (SAIFI)

3.2015257

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 #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 MOUNTAI

5. TOTAL CIRCUIT LENGTH (MILES)

55.21

6. CUSTOMER COUNT FOR THIS CIRCUIT

559

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

215.93819

10. REPORTING YEAR (SAIDI)

387.12692

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.92893

12. REPORTING YEAR (SAIFI)

3.3577818

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 #2901:

1. SUBSTATION NAME AND NUMBER

29/CEMETERY ROAD

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

43 Parson Road, Waynesburg, KY 40489

3. CIRCUIT NAME AND NUMBER

PARLOR GROVE ROAD / #2901

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

FEEDS PARLOR GROVE RD.

5. TOTAL CIRCUIT LENGTH (MILES)

59.87

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

313.78237

10. REPORTING YEAR (SAIDI)

253.59997

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.16691

12. REPORTING YEAR (SAIFI)

2.2842288

13. CORRECTIVE ACTION PLAN

**THIS SUBSTATION IS FED FROM FOREIGN TRANSMISSION
THIS 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 #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

1 Unknown Cause	
2 Other Animal	
3 Trees	31%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	8%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	15%
14 Bird	
15 Major Storm	8%
16 Line Down	
17 Transformer Fuse Blown	15%
18 Line Fuse	
19 Broke Pole	8%
20 Wind	
21 Load	
22 Planned	15%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
351.69985
10. REPORTING YEAR (SAIDI)
362.40878
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
2.15618
12. REPORTING YEAR (SAIFI)
2.0976648
13. CORRECTIVE ACTION PLAN

**THIS SUBSTATION IS FED FROM FOREIGN TRANSMISSION
THIS 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 #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 RD. / #3002

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

FEEDS MOORE SCHOOL RD.

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

120.90756

10. REPORTING YEAR (SAIDI)

91.059553

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.91768

12. REPORTING YEAR (SAIFI)

1

13. CORRECTIVE ACTION PLAN

THIS 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 #3003:

1. SUBSTATION NAME AND NUMBER

30/JAMESTOWN

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

764 S. Main Street, Jamestown, KY 42629

3. CIRCUIT NAME AND NUMBER

PLEASANT HILL / #3003

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

FEEDS EAST ON HWY 619

5. TOTAL CIRCUIT LENGTH (MILES)

56.9

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

103.05679

10. REPORTING YEAR (SAIDI)

145.44996

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.37976

12. REPORTING YEAR (SAIFI)

1.8606195

13. CORRECTIVE ACTION PLAN

THIS 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 #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

1 Unknown Cause	3%
2 Other Animal	
3 Trees	32%
4 Lightning	
5 Car Hit Pole	
6 SOURCE	3%
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	23%
14 Bird	3%
15 Major Storm	6%
16 Line Down	3%
17 Transformer Fuse Blown	6%
18 Line Fuse	6%
19 Broke Pole	6%
20 Wind	3%
21 Load	
22 Planned	3%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

181.32487

10. REPORTING YEAR (SAIDI)

454.65291

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.7357

12. REPORTING YEAR (SAIFI)

5.059322

13. CORRECTIVE ACTION PLAN

THIS 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 #3101:

1. SUBSTATION NAME AND NUMBER

31/WIBORG

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

162 Beulah Heights Road, Whitley City, KY 42653

3. CIRCUIT NAME AND NUMBER

TO FLATROCK / #3101

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

FEEDS SOUTH TOWARDS FLATROCK

5. TOTAL CIRCUIT LENGTH (MILES)

53.61

6. CUSTOMER COUNT FOR THIS CIRCUIT

1031

7.. DATE OF LAST CIRCUIT TRIM (VM)

2018

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

717.20619

10. REPORTING YEAR (SAIDI)

356.06182

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

3.05771

12. REPORTING YEAR (SAIFI)

4.7972842

13. CORRECTIVE ACTION PLAN

THIS 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 #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 TOWARD GREENWOOD

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

1 Unknown Cause	
2 Other Animal	1%
3 Trees	60%
4 Lightning	3%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	1%
13 Squirrel	6%
14 Bird	1%
15 Major Storm	10%
16 Line Down	3%
17 Transformer Fuse Blown	4%
18 Line Fuse	7%
19 Broke Pole	5%
20 Wind	
21 Load	
22 Planned	1%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

909.59635

10. REPORTING YEAR (SAIDI)

625.13535

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

5.94956

12. REPORTING YEAR (SAIFI)

6.1159502

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 #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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
159.80385
10. REPORTING YEAR (SAIDI)
160.41948
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
1.57703
12. REPORTING YEAR (SAIFI)
2.5035765
13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
THREE WAY SWITCH TO BE INSTALLED**

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

149.66866

10. REPORTING YEAR (SAIDI)

227.75289

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.28397

12. REPORTING YEAR (SAIFI)

3.1790634

13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
THREE WAY SWITCH TO BE INSTALLED**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3205:

1. SUBSTATION NAME AND NUMBER
32/NELSON VALLEY
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
134 Stilesville Road, Somerset, KY 42501
3. CIRCUIT NAME AND NUMBER
RAINBOW TERRACE / #3205
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
FEEDS SOUTH ON HWY 39
5. TOTAL CIRCUIT LENGTH (MILES)
14.67
6. CUSTOMER COUNT FOR THIS CIRCUIT
325
- 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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
72.33419
10. REPORTING YEAR (SAIDI)
67.575333
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
1.14357
12. REPORTING YEAR (SAIFI)
1.3015385
13. CORRECTIVE ACTION PLAN

**CKT WILL BE VISUALLY INSPECTED
THREE WAY SWITCH TO BE INSTALLED**

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #3303:

1. SUBSTATION NAME AND NUMBER

33/ZOLLICOFFER

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2675 HWY 235, Nancy, KY 42544

3. CIRCUIT NAME AND NUMBER

NORTH TO NANCY / #3303

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

FEEDS NORTH ON HWY 235

5. TOTAL CIRCUIT LENGTH (MILES)

35.79

6. CUSTOMER COUNT FOR THIS CIRCUIT

573

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

1 Unknown Cause	
2 Other Animal	
3 Trees	36%
4 Lightning	4%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	4%
11 Customer Wiring	
13 Squirrel	12%
14 Bird	
15 Major Storm	8%
16 Line Down	8%
17 Transformer Fuse Blown	12%
18 Line Fuse	
19 Broke Pole	
20 Wind	
21 Load	
22 Planned	16%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

82.5402

10. REPORTING YEAR (SAIDI)

193.54148

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.9154

12. REPORTING YEAR (SAIFI)

2.3019197

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 #3402:

1. SUBSTATION NAME AND NUMBER

34/GAP OF RIDGE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

71 Power Station Lane, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

CONLEY BOTTOM / #3402

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

FEEDS TOWARDS MILL SPRINGS ON HWY 1275

5. TOTAL CIRCUIT LENGTH (MILES)

41.65

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

1 Unknown Cause	
2 Other Animal	
3 Trees	29%
4 Lightning	2%
5 Car Hit Pole	2%
6 SOURCE	
9 Defective Equipment	
10 Transformer	
11 Customer Wiring	
13 Squirrel	10%
14 Bird	
15 Major Storm	24%
16 Line Down	6%
17 Transformer Fuse Blown	10%
18 Line Fuse	6%
19 Broke Pole	8%
20 Wind	
21 Load	
22 Planned	4%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

221.47637

10. REPORTING YEAR (SAIDI)

268.84132

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.40647

12. REPORTING YEAR (SAIFI)

2.5583524

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 #3405:

1. SUBSTATION NAME AND NUMBER

34/GAP OF RIDGE

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

71 Power Station Lane, Monticello, KY 42633

3. CIRCUIT NAME AND NUMBER

BETSY / #3405

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

FEEDS EAST ON HWY 90

5. TOTAL CIRCUIT LENGTH (MILES)

74.13

6. CUSTOMER COUNT FOR THIS CIRCUIT

845

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

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

1 Unknown Cause	4%
2 Other Animal	
3 Trees	34%
4 Lightning	4%
5 Car Hit Pole	
6 SOURCE	
9 Defective Equipment	
10 Transformer	3%
11 Customer Wiring	
13 Squirrel	4%
14 Bird	1%
15 Major Storm	10%
16 Line Down	1%
17 Transformer Fuse Blown	18%
18 Line Fuse	13%
19 Broke Pole	1%
20 Wind	
21 Load	
22 Planned	3%

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

320.32585

10. REPORTING YEAR (SAIDI)

377.59491

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.9783

12. REPORTING YEAR (SAIFI)

3.2721893

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 #3503:

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

MTN VIEW PARK / #3503

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

FEEDS TOWARD MTN VIEW

5. TOTAL CIRCUIT LENGTH (MILES)

26.81

6. CUSTOMER COUNT FOR THIS CIRCUIT

331

7.. DATE OF LAST CIRCUIT TRIM (VM)

2015

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

78.71843

10. REPORTING YEAR (SAIDI)

109.86193

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.33882

12. REPORTING YEAR (SAIFI)

1.7190332

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 #3601:

1. SUBSTATION NAME AND NUMBER

36/WEBBS CROSSROADS

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2925 N. Highway 127, Russell Springs, KY 42642

3. CIRCUIT NAME AND NUMBER

DECATUR / #3601

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

FEEDS NORTH ON 127

5. TOTAL CIRCUIT LENGTH (MILES)

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

74.71567

10. REPORTING YEAR (SAIDI)

55.132172

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.62476

12. REPORTING YEAR (SAIFI)

0.8484848

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 #3602:

1. SUBSTATION NAME AND NUMBER

36/WEBBS CROSSROADS

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

2925 N. Highway 127, Russell Springs, KY 42642

3. CIRCUIT NAME AND NUMBER

EAST HWY 76 / #3602

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

FEEDS HWY 76

5. TOTAL CIRCUIT LENGTH (MILES)

19.12

6. CUSTOMER COUNT FOR THIS CIRCUIT

304

7.. DATE OF LAST CIRCUIT TRIM (VM)

2014

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

95.71136

10. REPORTING YEAR (SAIDI)

249.34348

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.97674

12. REPORTING YEAR (SAIFI)

1.8914474

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 #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 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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

194.0875

10. REPORTING YEAR (SAIDI)

238.71377

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.8271

12. REPORTING YEAR (SAIFI)

3.466877

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 #3702:

1. SUBSTATION NAME AND NUMBER

37/WOODSTOCK

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

12472 HWY. 39, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

OCALA RD. / #3702

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

FEEDS SOUTH ON HWY 39

5. TOTAL CIRCUIT LENGTH (MILES)

45.64

6. CUSTOMER COUNT FOR THIS CIRCUIT

513

7.. DATE OF LAST CIRCUIT TRIM (VM)

2013

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

120.10277

10. REPORTING YEAR (SAIDI)

116.28749

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

1.48622

12. REPORTING YEAR (SAIFI)

1.7192982

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 #3703:

1. SUBSTATION NAME AND NUMBER

37/WOODSTOCK

2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)

12472 HWY. 39, Somerset, KY 42501

3. CIRCUIT NAME AND NUMBER

CHARLES ELGIN / #3703

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

FEEDS CHARLES ELGIN RD.

5. TOTAL CIRCUIT LENGTH (MILES)

12.31

6. CUSTOMER COUNT FOR THIS CIRCUIT

108

7.. DATE OF LAST CIRCUIT TRIM (VM)

2013

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

52.6814

10. REPORTING YEAR (SAIDI)

176.89444

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

0.92811

12. REPORTING YEAR (SAIFI)

3.3055556

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 #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 TOWARD CHEROKEE

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

460.10545

10. REPORTING YEAR (SAIDI)

769.33059

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

3.4437

12. REPORTING YEAR (SAIFI)

1.9408369

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 #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 TOWARD DELTA

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

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

9. CIRCUIT 5 YEAR AVERAGE (SAIDI)

303.11756

10. REPORTING YEAR (SAIDI)

368.87446

11. CIRCUIT 5 YEAR AVERAGE (SAIFI)

2.05108

12. REPORTING YEAR (SAIFI)

3.2704403

13. CORRECTIVE ACTION PLAN

CKT WILL BE VISUALLY INSPECTED



South Kentucky RECC

Vegetation Management Plan (VMP)

Updated April 2016

Introduction

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

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

Goals of the SKRECC VMP

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

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

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

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

Methods of Maintaining and Clearing Right-of-Ways

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

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

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

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

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

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

Clearing Widths

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

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

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

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

Tree Replacement Program

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

Reliability Criteria and Resources Used to Develop and Monitor the VMP

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

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

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