

June 30, 2014

Mr. Jeff Derouen
Executive Director
Public Service Commission Kentucky
211 Sower Boulevard
Frankfort, KY 40602

RECEIVED

JUN 30 2014

PUBLIC SERVICE
COMMISSION

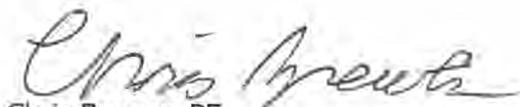
Subject: 2013 Reliability Report

Dear Mr. Derouen,

Please find enclosed a paper copy and electronic copy of Blue Grass Energy's 2013 Reliability Report.

Should you have any questions please contact me at (859) 885-2114.

Sincerely,



Chris Brewer, PE
Vice President, Power Delivery
Blue Grass Energy

Enclosure



Blue Grass Energy

A Touchstone Energy Cooperative 

Making life better, the cooperative way

Blue Grass Energy

2013 Annual PSC Reliability Report

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PUBLIC SERVICE
COMMISSION

Electric Distribution Utility Annual Reliability Report

SECTION 1: CONTACT INFORMATION

UTILITY NAME	1.1	<u>Blue Grass Energy</u>
REPORT PREPARED BY	1.2	<u>Tom Castle</u>
E-MAIL ADDRESS OF PREPARER	1.3	<u>tomc@bgenergy.com</u>
PHONE NUMBER OF PREPARER	1.4	<u>859-885-2120</u>

SECTION 2: REPORT YEAR

CALENDAR YEAR OF REPORT	2.1	<u>2013</u>
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SECTION 3: MAJOR EVENT DAYS

	T_{MED}	3.1	<u>12.25</u>
FIRST DATE USED TO DETERMINE T_{MED}		3.2	<u>Jan 1 2008</u>
LAST DATE USED TO DETERMINE T_{MED}		3.3	<u>Dec 31 2012</u>
NUMBER OF MED IN REPORT YEAR		3.4	<u>1</u>

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 RESULTS

Total Customers	<u>55825</u>	Total Circuits	<u>134</u>
		Excluding MED	
	5 Year Average		5 Year Average
SAIDI	<u>114.43</u>	SAIDI	<u>110.5</u>
SAIFI	<u>1.15</u>	SAIFI	<u>1.00</u>
		Including MED	
	5 Year Average		5 Year Average
SAIDI	<u>624.43</u>	SAIDI	<u>140.7</u>
SAIFI	<u>1.52</u>	SAIFI	<u>1.10</u>

3-M 114

Substation Name and Number 3-M, 37

Substation Location Old Lalr Road, Cynthiana

Circuit Name and Number 114

Circuit Location 3-M Plant

Total Circuit Length 0.08

2013 Member Count 1

Date of last Trim No vegetation exposure (short run through open field)

Year	2013	5 Year AVG
Members	1	
SAIDI	104.00	42.400
SAIFI	1.0000	0.600
%SAIDI_Power Supplier	100.00%	40.00%
%SAIFI_Power Supplier	100.00%	40.00%
%SAIDI_Small Animal S.C.	0.00%	20.00%
%SAIFI_Small Animal S.C.	0.00%	20.00%

Corrections to be made Power Supplier Issue, no actions necessary at this time

Alcan 124

Substation Name and Number Alcan, 10
Substation Location Mayde Road, Berea, KY 40403
Circuit Name and Number 124
Circuit Location KI USA
Total Circuit Length 3.45
2013 Member Count 48
Date of last Trim 8/1/2010

Year	2013	5 Year AVG
Members	48	
SAIDI	147.00	111.800
SAIFI	1.7500	1.538
%SAIDI_Deterioration	0.00%	14.49%
%SAIFI_Deterioration	0.00%	10.19%
%SAIDI_Equipment Fault	53.97%	13.86%
%SAIFI_Equipment Fault	33.33%	13.81%
%SAIDI_Lightning	0.00%	23.40%
%SAIFI_Lightning	0.00%	21.38%
%SAIDI_Power Supplier	0.00%	2.15%
%SAIFI_Power Supplier	0.00%	5.14%
%SAIDI_Small Animal S.C.	19.84%	4.24%
%SAIFI_Small Animal S.C.	33.33%	6.86%
%SAIDI_Trees - ROW	26.19%	15.53%
%SAIFI_Trees - ROW	33.33%	16.19%
%SAIDI_Unknown	0.00%	26.34%
%SAIFI_Unknown	0.00%	26.43%

Corrections to be made

Equipment Fault was repaired at time of outage, no corrections necessary

Alcan 154

Substation Name and Number Alcan, 16
 Substation Location Mayde Road, Berea, KY 40403
 Circuit Name and Number 154
 Circuit Location Novelis
 Total Circuit Length 0.4
 2013 Member Count 1
 Date of last Trim 8/1/2010

Year	2013	5 Year AVG
Members	1	
SAIDI	178.00	118.400
SAIFI	2.0000	0.800
%SAIDI_Equipment Fault	0.00%	20.00%
%SAIFI_Equipment Fault	0.00%	20.00%
%SAIDI_Lightning	0.00%	20.00%
%SAIFI_Lightning	0.00%	20.00%
%SAIDI_Overload	100.00%	20.00%
%SAIFI_Overload	100.00%	20.00%

Corrections to be made

Outage due to overload in plant, no action necessary

Bracken 104

Substation Name and Number Bracken County, 31
 Substation Location New Zion Rd, Foster, KY 41043
 Circuit Name and Number 104
 Circuit Location Lenoxburg
 Total Circuit Length 85.96
 2013 Member Count 638
 Date of last Trim 12/1/2013

Year	2013	5 Year AVG
Members	638	
SAIDI	555.56	354.983
SAIFI	5.0376	2.131
%SAIDI_Birds	0.15%	0.11%
%SAIFI_Birds	0.19%	0.17%
%SAIDI_Construction	0.00%	0.52%
%SAIFI_Construction	0.00%	1.23%
%SAIDI_Deterioration	26.51%	7.20%
%SAIFI_Deterioration	37.52%	9.76%
%SAIDI_Equipment Fault	2.50%	20.99%
%SAIFI_Equipment Fault	1.06%	19.80%
%SAIDI_Fire	0.00%	0.00%
%SAIFI_Fire	0.00%	0.02%
%SAIDI_Ice/Snow-not trees	0.71%	0.14%
%SAIFI_Ice/Snow-not trees	0.68%	0.14%
%SAIDI_Large Animal G/P	0.00%	0.01%
%SAIFI_Large Animal G/P	0.00%	0.03%
%SAIDI_Lightning	16.61%	16.03%
%SAIFI_Lightning	19.85%	16.53%
%SAIDI_Maintenance	0.32%	1.57%
%SAIFI_Maintenance	0.53%	4.12%
%SAIDI_Major Storm	0.00%	0.02%
%SAIFI_Major Storm	0.00%	0.04%
%SAIDI_Power Supplier	0.00%	3.18%
%SAIFI_Power Supplier	0.00%	8.39%
%SAIDI_Public Accident	0.00%	2.93%
%SAIFI_Public Accident	0.00%	3.78%
%SAIDI_Small Animal S.C.	0.78%	2.04%
%SAIFI_Small Animal S.C.	0.93%	2.60%
%SAIDI_Trees - Non ROW	0.04%	0.01%
%SAIFI_Trees - Non ROW	0.03%	0.02%
%SAIDI_Trees - ROW	0.00%	17.30%
%SAIFI_Trees - ROW	0.00%	13.72%
%SAIDI_Unknown	0.47%	0.80%
%SAIFI_Unknown	0.50%	1.75%
%SAIDI_Vines	0.92%	0.18%
%SAIFI_Vines	0.68%	0.14%
%SAIDI_Wind-not trees	50.99%	26.02%
%SAIFI_Wind-not trees	38.02%	16.46%

Corrections to be made

We are in the process of rebuilding a large amount of the 3-Phase line on this circuit. Also, this circuit was trimmed at the end of the year

Bracken 114

Substation Name and Number Bracken County, 31
 Substation Location New Zion Rd, Foster, KY 41043
 Circuit Name and Number 114
 Circuit Location Blakeston
 Total Circuit Length 143.51
 2013 Member Count 1119
 Date of last Trim 12/1/2013

Year	2013	5 Year AVG
Members	1119	
SAIDI	182.54	203.349
SAIFI	2.6068	1.915
%SAIDI_Birds	0.07%	0.04%
%SAIFI_Birds	0.07%	0.06%
%SAIDI_Deterioration	0.28%	15.56%
%SAIFI_Deterioration	0.14%	16.74%
%SAIDI_Equipment Fault	43.70%	22.32%
%SAIFI_Equipment Fault	51.97%	24.55%
%SAIDI_Ice/Snow-not trees	0.00%	0.00%
%SAIFI_Ice/Snow-not trees	0.00%	0.01%
%SAIDI_Lightning	19.78%	34.75%
%SAIFI_Lightning	14.33%	26.93%
%SAIDI_Maintenance	0.77%	2.44%
%SAIFI_Maintenance	0.58%	2.90%
%SAIDI_Major Storm	0.00%	0.21%
%SAIFI_Major Storm	0.00%	0.52%
%SAIDI_Power Supplier	0.00%	3.71%
%SAIFI_Power Supplier	0.00%	5.04%
%SAIDI_Public Accident	0.83%	0.62%
%SAIFI_Public Accident	0.48%	0.59%
%SAIDI_Sag/Clearance	0.16%	0.03%
%SAIFI_Sag/Clearance	0.48%	0.10%
%SAIDI_Small Animal S.C.	1.24%	1.32%
%SAIFI_Small Animal S.C.	1.17%	2.63%
%SAIDI_Trees - Non ROW	0.34%	0.33%
%SAIFI_Trees - Non ROW	0.51%	0.34%
%SAIDI_Trees - ROW	29.09%	11.57%
%SAIFI_Trees - ROW	27.15%	11.45%
%SAIDI_Unknown	3.59%	4.86%
%SAIFI_Unknown	2.98%	7.05%
%SAIDI_Wind-not trees	0.14%	2.25%
%SAIFI_Wind-not trees	0.14%	1.09%

Corrections to be made

Trimmed vegetation at end of year, equipment repaired at time of outage

Bridgeport 114
 Substation Name and Number Bridgeport, 21
 Substation Location Taylor Branch Rd., Frankfort, KY 40601
 Circuit Name and Number 114
 Circuit Location Huntington Woods/Taylor Branch
 Total Circuit Length 85.33
 2013 Member Count 1201
 Date of last Trim 12/1/2011

Year	2013	5 Year AVG
Members	1201	
SAIDI	561.13	411.747
SAIFI	3.1525	3.189
%SAIDI_Birds	0.18%	3.38%
%SAIFI_Birds	0.77%	3.40%
%SAIDI_Deterioration	0.05%	0.11%
%SAIFI_Deterioration	0.18%	0.29%
%SAIDI_Equipment Fault	13.93%	6.33%
%SAIFI_Equipment Fault	33.46%	12.06%
%SAIDI_Ice/Snow-not trees	0.00%	0.04%
%SAIFI_Ice/Snow-not trees	0.00%	0.05%
%SAIDI_Lightning	0.09%	6.22%
%SAIFI_Lightning	0.24%	6.74%
%SAIDI_Maintenance	0.17%	1.16%
%SAIFI_Maintenance	1.56%	6.21%
%SAIDI_Major Storm	0.00%	0.56%
%SAIFI_Major Storm	0.00%	0.13%
%SAIDI_Overload	0.00%	0.23%
%SAIFI_Overload	0.00%	0.34%
%SAIDI_Power Supplier	21.47%	42.89%
%SAIFI_Power Supplier	27.10%	38.18%
%SAIDI_Public Accident	0.00%	9.18%
%SAIFI_Public Accident	0.00%	7.52%
%SAIDI_Small Animal S.C.	0.51%	0.80%
%SAIFI_Small Animal S.C.	0.82%	1.72%
%SAIDI_Tree Trimmers	0.00%	0.02%
%SAIFI_Tree Trimmers	0.00%	0.02%
%SAIDI_Trees - Non ROW	3.12%	7.78%
%SAIFI_Trees - Non ROW	4.83%	4.94%
%SAIDI_Trees - ROW	14.06%	3.56%
%SAIFI_Trees - ROW	6.31%	1.90%
%SAIDI_Unknown	0.74%	2.31%
%SAIFI_Unknown	1.77%	3.49%
%SAIDI_Vines	3.69%	0.81%
%SAIFI_Vines	7.13%	1.53%
%SAIDI_Wind-not trees	42.00%	14.39%
%SAIFI_Wind-not trees	15.82%	11.43%

Corrections to be made

Trimmed vegetation at end of year, currently rebuilding some aging conductor on this circuit

Bridgeport 124

Substation Name and Number Bridgeport, 21
 Substation Location Taylor Branch Rd., Frankfort, KY 40601
 Circuit Name and Number 124
 Circuit Location Botkin Lane/Benson
 Total Circuit Length 111.53
 2013 Member Count 989
 Date of last Trim 2/1/2013

Year	2013	5 Year AVG
Members	989	
SAIDI	408.92	389.116
SAIFI	2.0577	2.884
%SAIDI_Birds	0.52%	0.56%
%SAIFI_Birds	1.33%	0.72%
%SAIDI_Deterioration	0.40%	4.47%
%SAIFI_Deterioration	6.39%	4.31%
%SAIDI_Equipment Fault	2.47%	5.42%
%SAIFI_Equipment Fault	4.67%	8.96%
%SAIDI_Ice/Snow-not trees	0.00%	0.00%
%SAIFI_Ice/Snow-not trees	0.00%	0.01%
%SAIDI_Lightning	6.74%	21.05%
%SAIFI_Lightning	10.12%	14.62%
%SAIDI_Maintenance	0.07%	5.77%
%SAIFI_Maintenance	0.10%	12.14%
%SAIDI_Major Storm	0.00%	0.24%
%SAIFI_Major Storm	0.00%	0.06%
%SAIDI_Power Supplier	29.46%	36.08%
%SAIFI_Power Supplier	41.53%	35.80%
%SAIDI_Public Accident	9.32%	4.25%
%SAIFI_Public Accident	12.04%	6.95%
%SAIDI_Sag/Clearance	0.02%	0.02%
%SAIFI_Sag/Clearance	0.05%	0.03%
%SAIDI_Small Animal S.C.	0.40%	1.34%
%SAIFI_Small Animal S.C.	1.03%	2.04%
%SAIDI_Trees - Non ROW	11.75%	5.74%
%SAIFI_Trees - Non ROW	6.14%	3.14%
%SAIDI_Trees - ROW	0.00%	2.11%
%SAIFI_Trees - ROW	0.00%	1.40%
%SAIDI_Unknown	1.57%	5.16%
%SAIFI_Unknown	2.41%	6.66%
%SAIDI_Wind-not trees	37.29%	7.47%
%SAIFI_Wind-not trees	14.20%	2.85%

Corrections to be made

Currently rebuilding portions of aging conductor

Clay Lick 114
 Substation Name and Number Clay Lick, 26
 Substation Location Louisville, Rd., Salvisa, KY 40372
 Circuit Name and Number 114
 Circuit Location Van Arsdell Tie
 Total Circuit Length 9.02
 2013 Member Count 56
 Date of last Trim 12/1/2010

Year	2013	5 Year AVG
Members	56	
SAIDI	144.93	102.030
SAIFI	1.5000	1.416
%SAIDI_Birds	10.17%	4.61%
%SAIFI_Birds	13.10%	5.77%
%SAIDI_Deterioration	0.00%	11.29%
%SAIFI_Deterioration	0.00%	9.04%
%SAIDI_Equipment Fault	0.54%	1.47%
%SAIFI_Equipment Fault	1.19%	1.87%
%SAIDI_Lightning	54.24%	41.15%
%SAIFI_Lightning	32.14%	33.36%
%SAIDI_Power Supplier	0.00%	2.23%
%SAIFI_Power Supplier	0.00%	8.85%
%SAIDI_Public Accident	0.00%	6.85%
%SAIFI_Public Accident	0.00%	5.24%
%SAIDI_Small Animal S.C.	5.95%	6.76%
%SAIFI_Small Animal S.C.	8.33%	7.86%
%SAIDI_Trees - Non ROW	8.26%	1.65%
%SAIFI_Trees - Non ROW	11.90%	2.38%
%SAIDI_Trees - ROW	0.00%	2.25%
%SAIFI_Trees - ROW	0.00%	1.63%
%SAIDI_Unknown	20.85%	14.34%
%SAIFI_Unknown	33.33%	19.72%
%SAIDI_Wind-not trees	0.00%	7.39%
%SAIFI_Wind-not trees	0.00%	4.29%

Corrections to be made

No action necessary at this time

Colemansville 134
 Substation Name and Number Colemansville, 32
 Substation Location Corner of HWY 1032 & 1054, Berry, KY 41003
 Circuit Name and Number 134
 Circuit Location Renaker
 Total Circuit Length 77.28
 2013 Member Count 485
 Date of last Trim 9/1/2012

Year	2013	5 Year AVG
Members	485	
SAIDI	79.48	60.293
SAIFI	0.6619	0.468
%SAIDI_Birds	0.24%	0.38%
%SAIFI_Birds	0.31%	0.40%
%SAIDI_Deterioration	7.27%	2.40%
%SAIFI_Deterioration	4.67%	2.81%
%SAIDI_Equipment Fault	1.50%	5.44%
%SAIFI_Equipment Fault	1.87%	4.64%
%SAIDI_Ice/Snow-not trees	8.85%	1.77%
%SAIFI_Ice/Snow-not trees	6.85%	1.37%
%SAIDI_Lightning	75.65%	35.46%
%SAIFI_Lightning	74.77%	35.32%
%SAIDI_Maintenance	2.05%	5.48%
%SAIFI_Maintenance	2.49%	12.47%
%SAIDI_Major Storm	0.00%	0.15%
%SAIFI_Major Storm	0.00%	0.05%
%SAIDI_Public Accident	0.30%	5.34%
%SAIFI_Public Accident	0.31%	2.35%
%SAIDI_Sag/Clearance	0.00%	5.16%
%SAIFI_Sag/Clearance	0.00%	6.45%
%SAIDI_Small Animal S.C.	0.12%	24.54%
%SAIFI_Small Animal S.C.	0.31%	21.35%
%SAIDI_Tree Trimmers	0.00%	0.00%
%SAIFI_Tree Trimmers	0.00%	0.00%
%SAIDI_Trees - Non ROW	3.70%	8.09%
%SAIFI_Trees - Non ROW	7.79%	6.77%
%SAIDI_Trees - ROW	0.25%	0.91%
%SAIFI_Trees - ROW	0.31%	0.69%
%SAIDI_Unknown	0.08%	3.11%
%SAIFI_Unknown	0.31%	3.70%
%SAIDI_Wind-not trees	0.00%	1.78%
%SAIFI_Wind-not trees	0.00%	1.63%

Corrections to be made

Lightning induced outages, no action necessary

Crooksville 124
 Substation Name and Number Crooksville, 13
 Substation Location Crooksville Rd., Richmond, KY 40475
 Circuit Name and Number 124
 Circuit Location Ogg Lane
 Total Circuit Length 54.54
 2013 Member Count 721
 Date of last Trim 1/1/2010

Year	2013	5 Year AVG
Members	721	
SAIDI	25.85	20.908
SAIFI	0.3814	0.252
%SAIDI_Birds	9.44%	8.28%
%SAIFI_Birds	14.55%	8.31%
%SAIDI_Deterioration	30.33%	6.59%
%SAIFI_Deterioration	24.73%	5.75%
%SAIDI_Equipment Fault	1.96%	3.35%
%SAIFI_Equipment Fault	1.45%	2.13%
%SAIDI_Ice/Snow-not trees	0.00%	1.33%
%SAIFI_Ice/Snow-not trees	0.00%	0.88%
%SAIDI_Large Animal G/P	0.00%	0.07%
%SAIFI_Large Animal G/P	0.00%	0.15%
%SAIDI_Lightning	29.26%	21.12%
%SAIFI_Lightning	28.73%	18.03%
%SAIDI_Overload	0.00%	0.28%
%SAIFI_Overload	0.00%	0.44%
%SAIDI_Public Accident	0.00%	0.43%
%SAIFI_Public Accident	0.00%	0.66%
%SAIDI_Small Animal S.C.	15.40%	8.22%
%SAIFI_Small Animal S.C.	16.00%	10.54%
%SAIDI_Trees - Non ROW	0.79%	5.49%
%SAIFI_Trees - Non ROW	1.45%	4.01%
%SAIDI_Trees - ROW	0.00%	3.92%
%SAIFI_Trees - ROW	0.00%	3.43%
%SAIDI_Unknown	12.22%	24.91%
%SAIFI_Unknown	12.36%	25.96%
%SAIDI_Wind-not trees	0.58%	7.25%
%SAIFI_Wind-not trees	0.73%	9.28%

Corrections to be made

No action necessary at this time

Crooksville 144
 Substation Name and Number Crooksville, 13
 Substation Location Crooksville Rd., Richmond, KY 40475
 Circuit Name and Number 144
 Circuit Location Crooksville Road
 Total Circuit Length 15.66
 2013 Member Count 347
 Date of last Trim 12/1/2008

Year	2013	5 Year AVG
Members	347	
SAIDI	133.18	65.269
SAIFI	1.3285	0.804
%SAIDI_Birds	0.18%	0.04%
%SAIFI_Birds	0.43%	0.09%
%SAIDI_Deterioration	0.00%	1.27%
%SAIFI_Deterioration	0.00%	2.86%
%SAIDI_Equipment Fault	0.00%	5.28%
%SAIFI_Equipment Fault	0.00%	2.37%
%SAIDI_Lightning	77.71%	47.76%
%SAIFI_Lightning	74.19%	48.34%
%SAIDI_Public Accident	0.00%	0.03%
%SAIFI_Public Accident	0.00%	0.05%
%SAIDI_Sag/Clearance	0.00%	17.06%
%SAIFI_Sag/Clearance	0.00%	16.24%
%SAIDI_Small Animal S.C.	1.06%	4.75%
%SAIFI_Small Animal S.C.	1.74%	5.46%
%SAIDI_Trees - Non ROW	0.00%	6.72%
%SAIFI_Trees - Non ROW	0.00%	6.21%
%SAIDI_Trees - ROW	21.05%	6.53%
%SAIFI_Trees - ROW	23.64%	7.23%
%SAIDI_Unknown	0.00%	10.56%
%SAIFI_Unknown	0.00%	11.16%

Corrections to be made

This circuit will be trimmed in 2014

Cynthiana 114

Substation Name and Number Cynthiana, 35
 Substation Location Hwy 982, Cynthiana, KY 41031
 Circuit Name and Number 114
 Circuit Location Oddville
 Total Circuit Length 134.74
 2013 Member Count 1273
 Date of last Trim 12/1/2010

Year	2013	5 Year AVG
Members	1273	
SAIDI	133.97	133.761
SAIFI	1.6858	1.659
%SAIDI_Birds	0.16%	0.17%
%SAIFI_Birds	0.23%	0.24%
%SAIDI_Deterioration	2.23%	7.15%
%SAIFI_Deterioration	2.05%	6.12%
%SAIDI_Equipment Fault	7.39%	20.31%
%SAIFI_Equipment Fault	8.20%	18.04%
%SAIDI_Lightning	1.23%	9.24%
%SAIFI_Lightning	1.35%	8.05%
%SAIDI_Maintenance	2.85%	0.93%
%SAIFI_Maintenance	1.96%	0.72%
%SAIDI_Major Storm	0.00%	1.53%
%SAIFI_Major Storm	0.00%	0.26%
%SAIDI_Overload	0.38%	1.44%
%SAIFI_Overload	0.47%	0.98%
%SAIDI_Power Supplier	44.14%	24.29%
%SAIFI_Power Supplier	56.57%	26.06%
%SAIDI_Public Accident	1.25%	5.87%
%SAIFI_Public Accident	0.79%	3.41%
%SAIDI_Small Animal S.C.	0.55%	1.54%
%SAIFI_Small Animal S.C.	0.79%	2.37%
%SAIDI_Tree Trimmers	0.00%	0.00%
%SAIFI_Tree Trimmers	0.00%	0.00%
%SAIDI_Trees - Non ROW	4.45%	1.03%
%SAIFI_Trees - Non ROW	1.63%	0.47%
%SAIDI_Trees - ROW	1.33%	0.33%
%SAIFI_Trees - ROW	0.84%	0.26%
%SAIDI_Unknown	5.52%	17.90%
%SAIFI_Unknown	14.17%	30.46%
%SAIDI_Wind-not trees	28.55%	8.27%
%SAIFI_Wind-not trees	10.95%	2.56%

Corrections to be made

No corrections necessary at this time

Cynthiana 154
 Substation Name and Number Cynthiana, 35
 Substation Location Hwy 982, Cynthiana, KY 41031
 Circuit Name and Number 154
 Circuit Location Paris
 Total Circuit Length 53.21
 2013 Member Count 488
 Date of last Trim 6/1/2011

Year	2013	5 Year AVG
Members	488	
SAIDI	293.18	168.509
SAIFI	2.8320	1.361
%SAIDI_Birds	0.00%	1.07%
%SAIFI_Birds	0.00%	1.07%
%SAIDI_Deterioration	49.55%	24.63%
%SAIFI_Deterioration	25.83%	20.81%
%SAIDI_Equipment Fault	0.29%	3.90%
%SAIFI_Equipment Fault	0.22%	6.71%
%SAIDI_Fire	0.00%	0.08%
%SAIFI_Fire	0.00%	1.18%
%SAIDI_Large Animal G/P	0.00%	0.01%
%SAIFI_Large Animal G/P	0.00%	0.03%
%SAIDI_Lightning	0.08%	1.78%
%SAIFI_Lightning	0.14%	1.99%
%SAIDI_Maintenance	0.19%	0.04%
%SAIFI_Maintenance	0.22%	0.04%
%SAIDI_Major Storm	0.00%	19.18%
%SAIFI_Major Storm	0.00%	15.91%
%SAIDI_Power Supplier	21.06%	25.15%
%SAIFI_Power Supplier	35.17%	30.59%
%SAIDI_Public Accident	5.63%	1.15%
%SAIFI_Public Accident	17.15%	3.47%
%SAIDI_Small Animal S.C.	0.08%	13.94%
%SAIFI_Small Animal S.C.	0.14%	11.56%
%SAIDI_Trees - Non ROW	3.85%	4.02%
%SAIFI_Trees - Non ROW	1.45%	1.42%
%SAIDI_Trees - ROW	13.77%	3.05%
%SAIFI_Trees - ROW	9.70%	2.14%
%SAIDI_Unknown	5.49%	1.97%
%SAIFI_Unknown	9.99%	3.06%
%SAIDI_Wind-not trees	0.00%	0.02%
%SAIFI_Wind-not trees	0.00%	0.02%

Corrections to be made

January 2013 storm skewed the statistics, no action necessary at this time

Cynthiana 164
 Substation Name and Number Cynthiana, 35
 Substation Location Hwy 982, Cynthiana, KY 41031
 Circuit Name and Number 164
 Circuit Location Industrial Park
 Total Circuit Length 53.49
 2013 Member Count 379
 Date of last Trim 2/1/2012

Year	2013	5 Year AVG
Members	379	
SAIDI	125.21	138.702
SAIFI	1.7150	1.328
%SAIDI_Birds	0.00%	0.31%
%SAIFI_Birds	0.00%	0.41%
%SAIDI_Construction	0.00%	0.00%
%SAIFI_Construction	0.00%	0.00%
%SAIDI_Contamination	0.00%	0.00%
%SAIFI_Contamination	0.00%	0.00%
%SAIDI_Deterioration	0.13%	4.01%
%SAIFI_Deterioration	0.31%	4.41%
%SAIDI_Equipment Fault	7.07%	18.44%
%SAIFI_Equipment Fault	12.62%	20.21%
%SAIDI_Fire	0.00%	0.06%
%SAIFI_Fire	0.00%	0.07%
%SAIDI_Large Animal G/P	0.00%	0.04%
%SAIFI_Large Animal G/P	0.00%	0.05%
%SAIDI_Lightning	13.03%	31.39%
%SAIFI_Lightning	12.00%	18.54%
%SAIDI_Maintenance	1.63%	2.73%
%SAIFI_Maintenance	1.08%	3.34%
%SAIDI_Power Supplier	46.91%	15.92%
%SAIFI_Power Supplier	55.23%	24.00%
%SAIDI_Public Accident	0.00%	1.87%
%SAIFI_Public Accident	0.00%	1.54%
%SAIDI_Sag/Clearance	0.00%	0.74%
%SAIFI_Sag/Clearance	0.00%	0.81%
%SAIDI_Small Animal S.C.	0.32%	17.12%
%SAIFI_Small Animal S.C.	0.46%	21.62%
%SAIDI_Trees - ROW	14.69%	3.26%
%SAIFI_Trees - ROW	6.46%	1.45%
%SAIDI_Unknown	16.23%	3.66%
%SAIFI_Unknown	11.85%	2.84%
%SAIDI_Wind-not trees	0.00%	0.45%
%SAIFI_Wind-not trees	0.00%	0.70%

Corrections to be made

Power Supplier caused outage, no action necessary at this time

Davis 104
 Substation Name and Number Davis, 4
 Substation Location Delong Rd., Lexington, KY 40515
 Circuit Name and Number 104
 Circuit Location Ashgrove Pike
 Total Circuit Length 19.53
 2013 Member Count 460
 Date of last Trim 1/1/2010

Year	2013	5 Year AVG
Members	460	
SAIDI	49.29	41.710
SAIFI	0.5370	0.787
%SAIDI_Birds	6.63%	10.61%
%SAIFI_Birds	12.15%	9.12%
%SAIDI_Deterioration	0.19%	1.36%
%SAIFI_Deterioration	0.40%	1.57%
%SAIDI_Equipment Fault	0.00%	1.11%
%SAIFI_Equipment Fault	0.00%	0.72%
%SAIDI_Lightning	0.00%	23.87%
%SAIFI_Lightning	0.00%	12.72%
%SAIDI_Maintenance	4.34%	2.09%
%SAIFI_Maintenance	2.83%	2.61%
%SAIDI_Power Supplier	0.00%	1.15%
%SAIFI_Power Supplier	0.00%	13.60%
%SAIDI_Public Accident	0.00%	9.07%
%SAIFI_Public Accident	0.00%	12.28%
%SAIDI_Small Animal S.C.	1.83%	2.65%
%SAIFI_Small Animal S.C.	3.24%	3.90%
%SAIDI_Tree Trimmers	10.90%	2.18%
%SAIFI_Tree Trimmers	9.72%	1.94%
%SAIDI_Trees - Non ROW	64.47%	12.89%
%SAIFI_Trees - Non ROW	53.85%	10.77%
%SAIDI_Trees - ROW	11.63%	2.71%
%SAIFI_Trees - ROW	17.81%	3.85%
%SAIDI_Unknown	0.00%	18.69%
%SAIFI_Unknown	0.00%	18.34%
%SAIDI_Vines	0.00%	0.96%
%SAIFI_Vines	0.00%	1.25%
%SAIDI_Wind-not trees	0.00%	7.01%
%SAIFI_Wind-not trees	0.00%	3.35%

Corrections to be made

No actions necessary at this time

Fayette 1 164

Substation Name and Number Fayette 1, 5
 Substation Location Armstrong Mill, Lexington, KY 40515
 Circuit Name and Number 164
 Circuit Location Armstrong Mill
 Total Circuit Length 7.87
 2013 Member Count 829
 Date of last Trim 4/1/2009

Year	2013	5 Year AVG
Members	829	
SAIDI	101.14	35.362
SAIFI	1.6441	0.507
%SAIDI_Birds	0.16%	6.18%
%SAIFI_Birds	0.22%	8.88%
%SAIDI_Equipment Fault	0.66%	9.07%
%SAIFI_Equipment Fault	0.44%	6.49%
%SAIDI_Lightning	40.87%	8.17%
%SAIFI_Lightning	33.75%	6.75%
%SAIDI_Maintenance	2.06%	2.25%
%SAIFI_Maintenance	0.73%	2.25%
%SAIDI_Overload	0.00%	0.48%
%SAIFI_Overload	0.00%	0.67%
%SAIDI_Power Supplier	0.00%	0.00%
%SAIFI_Power Supplier	0.00%	0.00%
%SAIDI_Public Accident	43.56%	8.71%
%SAIFI_Public Accident	58.25%	11.65%
%SAIDI_Sag/Clearance	0.00%	0.00%
%SAIFI_Sag/Clearance	0.00%	0.00%
%SAIDI_Small Animal S.C.	12.69%	12.75%
%SAIFI_Small Animal S.C.	6.60%	12.00%
%SAIDI_Trees - ROW	0.00%	33.23%
%SAIFI_Trees - ROW	0.00%	33.89%
%SAIDI_Unknown	0.00%	7.56%
%SAIFI_Unknown	0.00%	8.05%
%SAIDI_Vines	0.00%	0.73%
%SAIFI_Vines	0.00%	0.98%
%SAIDI_Wind-not trees	0.00%	10.87%
%SAIFI_Wind-not trees	0.00%	8.38%

Corrections to be made

No action necessary at this time

Fayette 1 174

Substation Name and Number Fayette 1, 5
 Substation Location Armstrong Mill, Lexington, KY 40515
 Circuit Name and Number 174
 Circuit Location Squires Rd
 Total Circuit Length 7.38
 2013 Member Count 548
 Date of last Trim 6/1/2009

Year	2013	5 Year AVG
Members	548	
SAIDI	24.57	14.688
SAIFI	0.3814	0.179
%SAIDI_Birds	0.00%	1.32%
%SAIFI_Birds	0.00%	1.72%
%SAIDI_Deterioration	0.00%	6.47%
%SAIFI_Deterioration	0.00%	7.39%
%SAIDI_Equipment Fault	4.80%	18.95%
%SAIFI_Equipment Fault	2.87%	16.55%
%SAIDI_Lightning	0.00%	16.02%
%SAIFI_Lightning	0.00%	11.43%
%SAIDI_Maintenance	0.00%	1.82%
%SAIFI_Maintenance	0.00%	5.10%
%SAIDI_Small Animal S.C.	13.00%	12.02%
%SAIFI_Small Animal S.C.	17.22%	17.51%
%SAIDI_Trees - ROW	0.00%	18.42%
%SAIFI_Trees - ROW	0.00%	13.24%
%SAIDI_Unknown	35.28%	15.25%
%SAIFI_Unknown	45.45%	19.95%
%SAIDI_Vandalism	0.00%	0.35%
%SAIFI_Vandalism	0.00%	0.23%
%SAIDI_Vines	0.00%	0.00%
%SAIFI_Vines	0.00%	0.00%
%SAIDI_Wind-not trees	46.93%	9.39%
%SAIFI_Wind-not trees	34.45%	6.89%

Corrections to be made

No action necessary at this time

Four Oaks 114

Substation Name and Number Four Oaks, 33
 Substation Location Hwy. 27 South, Falmouth, KY 41040
 Circuit Name and Number 114
 Circuit Location Broadford
 Total Circuit Length 40.79
 2013 Member Count 204
 Date of last Trlm 6/1/2011

Year	2013	5 Year AVG
Members	204	
SAIDI	112.41	80.347
SAIFI	0.8676	0.523
%SAIDI_Birds	0.00%	0.22%
%SAIFI_Birds	0.00%	0.27%
%SAIDI_Deterioration	13.66%	3.00%
%SAIFI_Deterioration	9.60%	2.35%
%SAIDI_Equipment Fault	43.26%	23.47%
%SAIFI_Equipment Fault	35.03%	19.93%
%SAIDI_Lightning	4.28%	26.63%
%SAIFI_Lightning	10.17%	31.25%
%SAIDI_Maintenance	0.56%	0.11%
%SAIFI_Maintenance	0.56%	0.11%
%SAIDI_Major Storm	0.00%	1.65%
%SAIFI_Major Storm	0.00%	1.28%
%SAIDI_Public Accident	0.00%	18.68%
%SAIFI_Public Accident	0.00%	16.02%
%SAIDI_Small Animal S.C.	1.45%	2.87%
%SAIFI_Small Animal S.C.	3.39%	3.21%
%SAIDI_Trees - Non ROW	0.00%	6.67%
%SAIFI_Trees - Non ROW	0.00%	2.33%
%SAIDI_Trees - ROW	0.00%	2.16%
%SAIFI_Trees - ROW	0.00%	4.98%
%SAIDI_Unknown	20.72%	9.69%
%SAIFI_Unknown	27.12%	14.17%
%SAIDI_Wind-not trees	16.06%	4.82%
%SAIFI_Wind-not trees	14.12%	4.10%

Corrections to be made

No action necessary at this time, equipment repaired at time of outage

Headquarters 114

Substation Name and Number Headquarters, 36
 Substation Location Saltwell Hedquarters, Rd., Carlisle, KY 40311
 Circuit Name and Number 114
 Circuit Location Arther Road
 Total Circuit Length 27.9
 2013 Member Count 157
 Date of last Trim 8/1/2011

Year	2013	5 Year AVG
Members	157	
SAIDI	71.82	83.011
SAIFI	0.7643	0.759
%SAIDI_Birds	1.99%	2.85%
%SAIFI_Birds	3.33%	6.72%
%SAIDI_Deterioration	0.00%	0.92%
%SAIFI_Deterioration	0.00%	0.72%
%SAIDI_Equipment Fault	0.00%	5.64%
%SAIFI_Equipment Fault	0.00%	4.47%
%SAIDI_Lightning	0.00%	32.25%
%SAIFI_Lightning	0.00%	28.70%
%SAIDI_Maintenance	28.98%	5.80%
%SAIFI_Maintenance	56.67%	11.33%
%SAIDI_Major Storm	0.00%	0.78%
%SAIFI_Major Storm	0.00%	0.90%
%SAIDI_Overload	0.00%	0.44%
%SAIFI_Overload	0.00%	0.35%
%SAIDI_Power Supplier	0.00%	14.43%
%SAIFI_Power Supplier	0.00%	14.65%
%SAIDI_Public Accident	12.35%	2.47%
%SAIFI_Public Accident	20.00%	4.00%
%SAIDI_Small Animal S.C.	0.51%	2.88%
%SAIFI_Small Animal S.C.	0.83%	7.50%
%SAIDI_Trees - Non ROW	52.47%	10.49%
%SAIFI_Trees - Non ROW	17.50%	3.50%
%SAIDI_Trees - ROW	0.00%	1.27%
%SAIFI_Trees - ROW	0.00%	0.80%
%SAIDI_Unknown	0.00%	1.97%
%SAIFI_Unknown	0.00%	3.14%
%SAIDI_Wind-not trees	3.71%	17.80%
%SAIFI_Wind-not trees	1.67%	13.24%

Corrections to be made

No action necessary at this time

Headquarters 134
 Substation Name and Number Headquarters, 36
 Substation Location Saltwell Hedquarters, Rd., Carllisle, KY 40311
 Circuit Name and Number 134
 Circuit Location Morning Glory
 Total Circuit Length 63.18
 2013 Member Count 383
 Date of last Trim 9/1/2013

Year	2013	5 Year AVG
Members	383	
SAIDI	186.45	246.926
SAIFI	2.5117	2.018
%SAIDI_Birds	0.07%	0.01%
%SAIFI_Birds	0.10%	0.02%
%SAIDI_Deterioration	3.85%	16.44%
%SAIFI_Deterioration	4.99%	10.85%
%SAIDI_Equipment Fault	58.94%	18.31%
%SAIFI_Equipment Fault	10.29%	8.47%
%SAIDI_Large Animal G/P	0.12%	0.02%
%SAIFI_Large Animal G/P	0.21%	0.04%
%SAIDI_Lightning	5.08%	20.69%
%SAIFI_Lightning	6.34%	15.67%
%SAIDI_Maintenance	17.06%	4.09%
%SAIFI_Maintenance	61.33%	15.15%
%SAIDI_Major Storm	0.00%	5.42%
%SAIFI_Major Storm	0.00%	9.51%
%SAIDI_Power Supplier	0.00%	6.77%
%SAIFI_Power Supplier	0.00%	10.66%
%SAIDI_Small Animal S.C.	2.73%	2.40%
%SAIFI_Small Animal S.C.	2.39%	2.58%
%SAIDI_Trees - Non ROW	0.00%	0.88%
%SAIFI_Trees - Non ROW	0.00%	0.27%
%SAIDI_Trees - ROW	0.04%	14.54%
%SAIFI_Trees - ROW	0.10%	13.98%
%SAIDI_Unknown	12.05%	8.95%
%SAIFI_Unknown	14.14%	11.96%
%SAIDI_Wind-not trees	0.06%	0.61%
%SAIFI_Wind-not trees	0.10%	0.42%

Corrections to be made

Currently rebuilding a critical aging 3-phase line on this circuit

Headquarters I44

Substation Name and Number Headquarters, 36
 Substation Location Saltwell Hedquarters, Rd., Carlisle, KY 40311
 Circuit Name and Number 144
 Circuit Location Kentontown
 Total Circuit Length 119.63
 2013 Member Count 731
 Date of last Trim 12/1/2013

Year	2013	5 Year AVG
Members	731	
SAIDI	175.59	184.431
SAIFI	1.3434	1.328
%SAIDI_Birds	0.07%	0.02%
%SAIFI_Birds	0.10%	0.04%
%SAIDI_Construction	0.00%	0.05%
%SAIFI_Construction	0.00%	0.15%
%SAIDI_Deterioration	0.56%	2.40%
%SAIFI_Deterioration	0.61%	2.49%
%SAIDI_Equipment Fault	14.40%	24.90%
%SAIFI_Equipment Fault	20.26%	24.91%
%SAIDI_Lightning	19.52%	10.06%
%SAIFI_Lightning	22.20%	14.11%
%SAIDI_Maintenance	0.22%	2.84%
%SAIFI_Maintenance	0.31%	12.09%
%SAIDI_Power Supplier	0.00%	7.36%
%SAIFI_Power Supplier	0.00%	12.99%
%SAIDI_Public Accident	5.84%	2.03%
%SAIFI_Public Accident	10.69%	2.70%
%SAIDI_Sag/Clearance	0.00%	1.20%
%SAIFI_Sag/Clearance	0.00%	0.76%
%SAIDI_Small Animal S.C.	0.15%	1.65%
%SAIFI_Small Animal S.C.	0.31%	3.08%
%SAIDI_Tree Trimmers	11.77%	2.35%
%SAIFI_Tree Trimmers	6.72%	1.34%
%SAIDI_Trees - Non ROW	7.33%	3.92%
%SAIFI_Trees - Non ROW	5.91%	7.14%
%SAIDI_Trees - ROW	4.40%	5.82%
%SAIFI_Trees - ROW	5.19%	2.63%
%SAIDI_Unknown	4.96%	9.21%
%SAIFI_Unknown	9.16%	5.92%
%SAIDI_Wind-not trees	30.75%	26.20%
%SAIFI_Wind-not trees	18.53%	9.64%

Corrections to be made

No action necessary at this time

Hickory Plains 134

Substation Name and Number Hickory Plains, 9
 Substation Location Old US 25, Berea, KY 40403
 Circuit Name and Number 134
 Circuit Location Red Lick
 Total Circuit Length 76.62
 2013 Member Count 1070
 Date of last Trim 5/1/2013

Year	2013	5 Year AVG
Members	1070	
SAIDI	88.48	76.157
SAIFI	0.5664	0.941
%SAIDI_Birds	0.00%	0.23%
%SAIFI_Birds	0.00%	0.37%
%SAIDI_Deterioration	0.00%	0.13%
%SAIFI_Deterioration	0.00%	0.13%
%SAIDI_Equipment Fault	5.29%	4.20%
%SAIFI_Equipment Fault	10.07%	5.89%
%SAIDI_Ice/Snow-not trees	0.00%	0.26%
%SAIFI_Ice/Snow-not trees	0.00%	0.13%
%SAIDI_Lightning	2.88%	9.96%
%SAIFI_Lightning	6.44%	8.05%
%SAIDI_Maintenance	0.00%	0.11%
%SAIFI_Maintenance	0.00%	0.33%
%SAIDI_Major Storm	0.00%	1.07%
%SAIFI_Major Storm	0.00%	0.87%
%SAIDI_Overload	0.00%	0.00%
%SAIFI_Overload	0.00%	0.01%
%SAIDI_Public Accident	56.83%	35.55%
%SAIFI_Public Accident	30.20%	32.51%
%SAIDI_Small Animal S.C.	3.36%	3.78%
%SAIFI_Small Animal S.C.	11.55%	7.54%
%SAIDI_Tree Trimmers	0.00%	0.04%
%SAIFI_Tree Trimmers	0.00%	0.09%
%SAIDI_Trees - Non ROW	5.12%	12.01%
%SAIFI_Trees - Non ROW	10.56%	9.24%
%SAIDI_Trees - ROW	18.59%	8.41%
%SAIFI_Trees - ROW	16.67%	7.89%
%SAIDI_Unknown	4.44%	18.15%
%SAIFI_Unknown	11.55%	22.39%
%SAIDI_Wind-not trees	3.50%	5.05%
%SAIFI_Wind-not trees	2.97%	4.06%

Corrections to be made

No actions necessary at this time

Hickory Plains 164
 Substation Name and Number Hickory Plains, 9
 Substation Location Old US 25, Berea, KY 40403
 Circuit Name and Number 164
 Circuit Location Richmond Road
 Total Circuit Length 21.56
 2013 Member Count 368
 Date of last Trim 1/1/2012

Year	2013	5 Year AVG
Members	368	
SAIDI	85.33	57.580
SAIFI	0.2446	0.602
%SAIDI_Lightning	7.12%	29.57%
%SAIFI_Lightning	24.44%	30.13%
%SAIDI_Public Accident	90.70%	18.66%
%SAIFI_Public Accident	60.00%	12.68%
%SAIDI_Small Animal S.C.	1.65%	7.29%
%SAIFI_Small Animal S.C.	12.22%	10.41%
%SAIDI_Trees - Non ROW	0.00%	0.54%
%SAIFI_Trees - Non ROW	0.00%	0.78%
%SAIDI_Trees - ROW	0.00%	1.45%
%SAIFI_Trees - ROW	0.00%	2.50%
%SAIDI_Unknown	0.53%	23.79%
%SAIFI_Unknown	3.33%	24.95%
%SAIDI_Wind-not trees	0.00%	18.70%
%SAIFI_Wind-not trees	0.00%	18.55%

Corrections to be made

Public Accident, no action necessary

Holloway 104

Substation Name and Number Holloway, 2
Substation Location Harrodsburg Rd., Nicholasville, KY 40356
Circuit Name and Number 104
Circuit Location BGE HQ Office
Total Circuit Length 15.73
2013 Member Count 673
Date of last Trim 2/1/2013

Year	2013	5 Year AVG
Members	673	
SAIDI	82.55	32.819
SAIFI	1.2972	0.549
%SAIDI_Birds	6.25%	5.97%
%SAIFI_Birds	7.33%	5.58%
%SAIDI_Deterioration	0.07%	1.75%
%SAIFI_Deterioration	0.11%	1.05%
%SAIDI_Equipment Fault	0.15%	0.47%
%SAIFI_Equipment Fault	0.11%	0.37%
%SAIDI_Lightning	9.10%	7.34%
%SAIFI_Lightning	8.82%	5.11%
%SAIDI_Power Supplier	74.05%	14.81%
%SAIFI_Power Supplier	74.80%	14.96%
%SAIDI_Public Accident	0.00%	10.22%
%SAIFI_Public Accident	0.00%	0.91%
%SAIDI_Small Animal S.C.	10.38%	28.31%
%SAIFI_Small Animal S.C.	8.82%	28.29%
%SAIDI_Trees - Non ROW	0.00%	16.03%
%SAIFI_Trees - Non ROW	0.00%	17.50%
%SAIDI_Trees - ROW	0.00%	0.94%
%SAIFI_Trees - ROW	0.00%	0.77%
%SAIDI_Unknown	0.00%	10.25%
%SAIFI_Unknown	0.00%	20.91%

Corrections to be made

Power Supplier Issue, no action necessary

Holloway 114
 Substation Name and Number Holloway, 2
 Substation Location Harrodsburg Rd., Nicholasville, KY 40356
 Circuit Name and Number 114
 Circuit Location Clear Creek/Murphy's Lane
 Total Circuit Length 38.55
 2013 Member Count 320
 Date of last Trim 10/1/2011

Year	2013	5 Year AVG
Members	320	
SAIDI	95.10	37.330
SAIFI	1.2656	0.442
%SAIDI_Birds	3.95%	3.06%
%SAIFI_Birds	5.68%	6.95%
%SAIDI_Deterioration	0.00%	0.76%
%SAIFI_Deterioration	0.00%	1.47%
%SAIDI_Equipment Fault	4.32%	15.01%
%SAIFI_Equipment Fault	4.44%	16.17%
%SAIDI_Lightning	0.71%	42.45%
%SAIFI_Lightning	1.23%	32.14%
%SAIDI_Power Supplier	62.52%	12.50%
%SAIFI_Power Supplier	74.57%	14.91%
%SAIDI_Public Accident	0.37%	0.87%
%SAIFI_Public Accident	0.25%	0.26%
%SAIDI_Small Animal S.C.	2.88%	2.68%
%SAIFI_Small Animal S.C.	2.96%	4.27%
%SAIDI_Trees - Non ROW	23.19%	5.72%
%SAIFI_Trees - Non ROW	8.89%	2.20%
%SAIDI_Unknown	2.06%	12.98%
%SAIFI_Unknown	1.98%	18.26%
%SAIDI_Wind-not trees	0.00%	3.96%
%SAIFI_Wind-not trees	0.00%	3.37%

Corrections to be made

Power Supplier Issue, no action necessary

Holloway 124

Substation Name and Number Holloway, 2
Substation Location Harrodsburg Rd., Nicholasville, KY 40356
Circuit Name and Number 124
Circuit Location Keene
Total Circuit Length 32.61
2013 Member Count 378
Date of last Trim 12/1/2008

Year	2013	5 Year AVG
Members	378	
SAIDI	212.17	65.162
SAIFI	2.6587	0.853
%SAIDI_Birds	0.04%	6.00%
%SAIFI_Birds	0.10%	9.11%
%SAIDI_Deterioration	1.74%	0.87%
%SAIFI_Deterioration	1.09%	0.71%
%SAIDI_Equipment Fault	0.38%	13.62%
%SAIFI_Equipment Fault	0.30%	12.88%
%SAIDI_Fire	0.00%	5.78%
%SAIFI_Fire	0.00%	4.42%
%SAIDI_HAIL	0.00%	0.33%
%SAIFI_HAIL	0.00%	0.36%
%SAIDI_Lightning	20.37%	7.25%
%SAIFI_Lightning	34.33%	10.04%
%SAIDI_Maintenance	0.15%	0.03%
%SAIFI_Maintenance	0.40%	0.08%
%SAIDI_Major Storm	0.00%	0.38%
%SAIFI_Major Storm	0.00%	0.20%
%SAIDI_Overload	0.00%	8.23%
%SAIFI_Overload	0.00%	7.84%
%SAIDI_Power Supplier	32.78%	6.56%
%SAIFI_Power Supplier	33.53%	6.71%
%SAIDI_Public Accident	40.89%	9.61%
%SAIFI_Public Accident	26.97%	6.68%
%SAIDI_Sag/Clearance	0.00%	0.00%
%SAIFI_Sag/Clearance	0.00%	0.00%
%SAIDI_Small Animal S.C.	0.82%	11.13%
%SAIFI_Small Animal S.C.	1.39%	12.56%
%SAIDI_Trees - Non ROW	0.27%	0.05%
%SAIFI_Trees - Non ROW	0.30%	0.06%
%SAIDI_Trees - ROW	2.56%	9.46%
%SAIFI_Trees - ROW	1.59%	4.36%
%SAIDI_Unknown	0.00%	20.69%
%SAIFI_Unknown	0.00%	24.00%

Corrections to be made

Power Supplier Issue, no action necessary

Holloway 134

Substation Name and Number Holloway, 2
 Substation Location Harrodsburg Rd., Nicholasville, KY 40356
 Circuit Name and Number 134
 Circuit Location Southland Christian Church
 Total Circuit Length 29.17
 2013 Member Count 361
 Date of last Trim 12/1/2013

Year	2013	5 Year AVG
Members	361	
SAIDI	143.09	60.915
SAIFI	2.1274	0.968
%SAIDI_Birds	4.19%	9.10%
%SAIFI_Birds	4.56%	12.57%
%SAIDI_Deterioration	0.00%	2.45%
%SAIFI_Deterioration	0.00%	3.62%
%SAIDI_Equipment Fault	0.00%	3.43%
%SAIFI_Equipment Fault	0.00%	1.20%
%SAIDI_Ice/Snow-not trees	0.00%	5.19%
%SAIFI_Ice/Snow-not trees	0.00%	0.75%
%SAIDI_Lightning	44.12%	19.31%
%SAIFI_Lightning	49.35%	17.28%
%SAIDI_Maintenance	0.00%	6.72%
%SAIFI_Maintenance	0.00%	11.32%
%SAIDI_Overload	0.00%	2.92%
%SAIFI_Overload	0.00%	2.91%
%SAIDI_Power Supplier	41.22%	8.24%
%SAIFI_Power Supplier	44.01%	8.80%
%SAIDI_Public Accident	10.47%	2.09%
%SAIFI_Public Accident	2.08%	0.42%
%SAIDI_Small Animal S.C.	0.00%	7.03%
%SAIFI_Small Animal S.C.	0.00%	5.06%
%SAIDI_Trees - ROW	0.00%	8.83%
%SAIFI_Trees - ROW	0.00%	11.06%
%SAIDI_Unknown	0.00%	13.25%
%SAIFI_Unknown	0.00%	17.99%
%SAIDI_Wind-not trees	0.00%	11.43%
%SAIFI_Wind-not trees	0.00%	7.02%

Corrections to be made

Power Supplier Issue, no action necessary

Jacksonville 104
 Substation Name and Number Jacksonville, 39
 Substation Location Russell Cave Rd., Cynthiana, KY 41031
 Circuit Name and Number 104
 Circuit Location Broadwell
 Total Circuit Length 29.01
 2013 Member Count 187
 Date of last Trim 11/1/2008

Year	2013	5 Year AVG
Members	187	
SAIDI	51.85	45.860
SAIFI	1.5936	0.594
%SAIDI_Birds	0.25%	0.23%
%SAIFI_Birds	0.34%	0.64%
%SAIDI_Construction	32.72%	6.54%
%SAIFI_Construction	56.04%	11.21%
%SAIDI_Deterioration	19.46%	5.08%
%SAIFI_Deterioration	12.42%	3.34%
%SAIDI_Equipment Fault	14.25%	10.09%
%SAIFI_Equipment Fault	7.05%	8.36%
%SAIDI_Lightning	11.05%	23.53%
%SAIFI_Lightning	11.41%	17.60%
%SAIDI_Major Storm	0.00%	15.43%
%SAIFI_Major Storm	0.00%	7.37%
%SAIDI_Public Accident	0.00%	6.72%
%SAIFI_Public Accident	0.00%	2.38%
%SAIDI_Small Animal S.C.	8.30%	3.49%
%SAIFI_Small Animal S.C.	6.04%	6.67%
%SAIDI_Unknown	11.36%	24.08%
%SAIFI_Unknown	6.38%	31.32%
%SAIDI_Wind-not trees	2.61%	0.52%
%SAIFI_Wind-not trees	0.34%	0.07%

Corrections to be made

No action necessary at this time

Jacksonville 114
 Substation Name and Number Jacksonville, 39
 Substation Location Russell Cave Rd., Cynthiana, KY 41031
 Circuit Name and Number 114
 Circuit Location Bourbon Acres
 Total Circuit Length 92.17
 2013 Member Count 645
 Date of last Trim 8/1/2013

Year	2013	5 Year AVG
Members	645	
SAIDI	158.45	147.659
SAIFI	1.8264	1.507
%SAIDI_Birds	0.15%	1.28%
%SAIFI_Birds	0.25%	1.39%
%SAIDI_Deterioration	0.10%	7.28%
%SAIFI_Deterioration	0.17%	5.44%
%SAIDI_Equipment Fault	0.55%	17.35%
%SAIFI_Equipment Fault	0.59%	13.34%
%SAIDI_Large Animal G/P	0.00%	0.02%
%SAIFI_Large Animal G/P	0.00%	0.04%
%SAIDI_Lightning	70.51%	32.54%
%SAIFI_Lightning	74.45%	35.32%
%SAIDI_Maintenance	0.84%	0.45%
%SAIFI_Maintenance	0.59%	2.24%
%SAIDI_Major Storm	0.00%	0.78%
%SAIFI_Major Storm	0.00%	0.20%
%SAIDI_Public Accident	3.70%	3.94%
%SAIFI_Public Accident	3.99%	2.67%
%SAIDI_Small Animal S.C.	12.12%	4.89%
%SAIFI_Small Animal S.C.	9.68%	4.30%
%SAIDI_Trees - Non ROW	4.74%	12.34%
%SAIFI_Trees - Non ROW	2.04%	15.08%
%SAIDI_Trees - ROW	0.00%	3.90%
%SAIFI_Trees - ROW	0.00%	3.18%
%SAIDI_Unknown	0.09%	4.97%
%SAIFI_Unknown	0.17%	4.13%
%SAIDI_Wind-not trees	7.20%	8.69%
%SAIFI_Wind-not trees	8.06%	11.96%

Corrections to be made

No action necessary

Jacksonville 124

Substation Name and Number Jacksonville, 39
 Substation Location Russell Cave Rd., Cynthiana, KY 41031
 Circuit Name and Number 124
 Circuit Location Silas
 Total Circuit Length 26,74
 2013 Member Count 212
 Date of last Trim 5/1/2008

Year	2013	5 Year AVG
Members	212	
SAIDI	411.97	178.474
SAIFI	1.1557	1.061
%SAIDI_Birds	0.00%	0.22%
%SAIFI_Birds	0.00%	0.55%
%SAIDI_Deterioration	0.08%	14.70%
%SAIFI_Deterioration	0.82%	17.00%
%SAIDI_Equipment Fault	7.62%	11.51%
%SAIFI_Equipment Fault	15.51%	19.99%
%SAIDI_Lightning	0.26%	38.33%
%SAIFI_Lightning	0.41%	27.58%
%SAIDI_Public Accident	0.00%	0.13%
%SAIFI_Public Accident	0.00%	0.30%
%SAIDI_Sag/Clearance	0.00%	0.61%
%SAIFI_Sag/Clearance	0.00%	1.17%
%SAIDI_Small Animal S.C.	0.10%	0.25%
%SAIFI_Small Animal S.C.	0.82%	0.70%
%SAIDI_Trees - Non ROW	90.63%	18.13%
%SAIFI_Trees - Non ROW	79.18%	15.84%
%SAIDI_Trees - ROW	0.00%	10.27%
%SAIFI_Trees - ROW	0.00%	8.62%
%SAIDI_Unknown	0.33%	0.36%
%SAIFI_Unknown	2.45%	0.95%
%SAIDI_Wind-not trees	1.00%	4.43%
%SAIFI_Wind-not trees	0.82%	4.38%

Corrections to be made

Scheduled to be trimmed in 2014

Lees Lick 114

Substation Name and Number Lees Lick, 34
 Substation Location HWY 1842, Cynthiana, KY 41031
 Circuit Name and Number 114
 Circuit Location White Oak
 Total Circuit Length 61.96
 2013 Member Count 449
 Date of last Trim 12/1/2009

Year	2013	5 Year AVG
Members	449	
SAIDI	96.18	77.602
SAIFI	1.3140	0.853
%SAIDI_Birds	0.16%	2.37%
%SAIFI_Birds	1.02%	3.26%
%SAIDI_Deterioration	0.00%	0.78%
%SAIFI_Deterioration	0.00%	0.44%
%SAIDI_Equipment Fault	0.23%	17.15%
%SAIFI_Equipment Fault	0.17%	13.97%
%SAIDI_Lightning	0.26%	28.52%
%SAIFI_Lightning	0.34%	15.54%
%SAIDI_Major Storm	0.00%	2.45%
%SAIFI_Major Storm	0.00%	1.91%
%SAIDI_Power Supplier	66.94%	14.33%
%SAIFI_Power Supplier	70.00%	24.32%
%SAIDI_Public Accident	0.00%	2.18%
%SAIFI_Public Accident	0.00%	1.49%
%SAIDI_Small Animal S.C.	4.51%	10.83%
%SAIFI_Small Animal S.C.	5.25%	11.94%
%SAIDI_Tree Trimmers	0.00%	0.53%
%SAIFI_Tree Trimmers	0.00%	2.48%
%SAIDI_Trees - Non ROW	14.09%	7.87%
%SAIFI_Trees - Non ROW	6.61%	7.75%
%SAIDI_Trees - ROW	0.00%	0.02%
%SAIFI_Trees - ROW	0.00%	0.06%
%SAIDI_Unknown	2.70%	9.43%
%SAIFI_Unknown	3.90%	12.58%
%SAIDI_Wind-not trees	11.11%	3.47%
%SAIFI_Wind-not trees	12.71%	4.07%

Corrections to be made

Power Supplier issue, no action necessary

Lees Lick 124

Substation Name and Number Lees Lick, 34
 Substation Location HWY 1842, Cynthiana, KY 41031
 Circuit Name and Number 124
 Circuit Location Leesburg
 Total Circuit Length 13.59
 2013 Member Count 149
 Date of last Trim 6/1/2010

Year	2013	5 Year AVG
Members	149	
SAIDI	74.26	50.899
SAIFI	1.0805	0.710
%SAIDI_Birds	0.00%	0.23%
%SAIFI_Birds	0.00%	0.23%
%SAIDI_Deterioration	0.00%	16.30%
%SAIFI_Deterioration	0.00%	16.30%
%SAIDI_Equipment Fault	0.00%	6.82%
%SAIFI_Equipment Fault	0.00%	5.24%
%SAIDI_Lightning	1.81%	22.09%
%SAIFI_Lightning	3.11%	9.51%
%SAIDI_Maintenance	6.89%	3.88%
%SAIFI_Maintenance	3.73%	5.34%
%SAIDI_Power Supplier	89.73%	19.51%
%SAIFI_Power Supplier	90.68%	33.04%
%SAIDI_Public Accident	0.00%	11.44%
%SAIFI_Public Accident	0.00%	9.89%
%SAIDI_Small Animal S.C.	1.57%	19.74%
%SAIFI_Small Animal S.C.	2.48%	20.44%

Corrections to be made

Power Supplier issue, no action necessary

Lees Lick 134

Substation Name and Number Lees Lick, 34
 Substation Location HWY 1842, Cynthiana, KY 41031
 Circuit Name and Number 134
 Circuit Location Hicks/Muddy Ford
 Total Circuit Length 81.48
 2013 Member Count 700
 Date of last Trim 1/1/2010

Year	2013	5 Year AVG
Members	700	
SAIDI	530.89	276.515
SAIFI	3.2871	1.924
%SAIDI_Construction	0.27%	0.15%
%SAIFI_Construction	2.09%	0.91%
%SAIDI_Deterioration	0.01%	8.31%
%SAIFI_Deterioration	0.04%	2.65%
%SAIDI_Equipment Fault	17.34%	5.78%
%SAIFI_Equipment Fault	29.03%	6.82%
%SAIDI_Large Animal G/P	0.00%	0.33%
%SAIFI_Large Animal G/P	0.00%	0.43%
%SAIDI_Lightning	2.87%	26.83%
%SAIFI_Lightning	2.35%	20.78%
%SAIDI_Maintenance	0.17%	0.13%
%SAIFI_Maintenance	0.52%	0.41%
%SAIDI_Major Storm	0.00%	4.66%
%SAIFI_Major Storm	0.00%	0.59%
%SAIDI_Power Supplier	12.50%	4.43%
%SAIFI_Power Supplier	28.42%	20.85%
%SAIDI_Public Accident	0.00%	1.45%
%SAIFI_Public Accident	0.00%	1.45%
%SAIDI_Small Animal S.C.	0.27%	4.22%
%SAIFI_Small Animal S.C.	0.87%	5.05%
%SAIDI_Tree Trimmers	0.00%	1.61%
%SAIFI_Tree Trimmers	0.00%	3.15%
%SAIDI_Trees - Non ROW	3.61%	1.86%
%SAIFI_Trees - Non ROW	3.43%	1.05%
%SAIDI_Trees - ROW	0.00%	3.80%
%SAIFI_Trees - ROW	0.00%	2.28%
%SAIDI_Unknown	0.30%	20.77%
%SAIFI_Unknown	0.83%	18.63%
%SAIDI_Wind-not trees	62.65%	15.67%
%SAIFI_Wind-not trees	32.42%	14.96%

Corrections to be made

Power Supplier issue, no action necessary

Lees Lick 144
 Substation Lees Lick, 34
 Substation HWY 1842, Cynthiana, KY 41031
 Circuit Nan 144
 Circuit Loc: Newtown
 Total Circul 2.92
 2013 Mem 16
 Date of last 1/1/2009

Year	2013	5 Year AVG
Members	16	
SAIDI	106.88	45.130
SAIFI	0.9375	0.744
%SAIDI_Lig	0.00%	17.99%
%SAIFI_Lig	0.00%	17.98%
%SAIDI_Ma	0.00%	7.11%
%SAIFI_Ma	0.00%	7.74%
%SAIDI_Po	100.00%	21.17%
%SAIFI_Po	100.00%	27.62%
%SAIDI_Sm	0.00%	13.74%
%SAIFI_Sm	0.00%	6.67%

Correction: Power Supplier issue, no action necessary

Millersburg 124

Substation Name and Number Millersburg, 38
 Substation Location Miller Station Rd., Carlisle, KY 40311
 Circuit Name and Number 124
 Circuit Location Maysville Rd
 Total Circuit Length 34.84
 2013 Member Count 366
 Date of last Trim 4/1/2010

Year	2013	5 Year AVG
Members	366	
SAIDI	97.08	71.562
SAIFI	0.5301	0.617
%SAIDI_Birds	0.00%	0.50%
%SAIFI_Birds	0.00%	1.10%
%SAIDI_Deterioration	5.28%	2.57%
%SAIFI_Deterioration	11.86%	3.30%
%SAIDI_Equipment Fault	10.22%	27.24%
%SAIFI_Equipment Fault	13.92%	27.36%
%SAIDI_Large Animal G/P	0.00%	0.03%
%SAIFI_Large Animal G/P	0.00%	0.04%
%SAIDI_Lightning	0.00%	5.45%
%SAIFI_Lightning	0.00%	4.63%
%SAIDI_Major Storm	0.00%	1.59%
%SAIFI_Major Storm	0.00%	1.54%
%SAIDI_Power Supplier	0.00%	12.15%
%SAIFI_Power Supplier	0.00%	13.46%
%SAIDI_Public Accident	0.00%	2.67%
%SAIFI_Public Accident	0.00%	2.83%
%SAIDI_Small Animal S.C.	0.63%	2.29%
%SAIFI_Small Animal S.C.	1.55%	5.74%
%SAIDI_Trees - Non ROW	69.26%	32.43%
%SAIFI_Trees - Non ROW	53.09%	26.12%
%SAIDI_Unknown	0.00%	10.15%
%SAIFI_Unknown	0.00%	9.97%
%SAIDI_Wind-not trees	14.61%	2.92%
%SAIFI_Wind-not trees	19.59%	3.92%

Corrections to be made

No action necessary at this time

Newby 114

Substation Name and Number Newby, 7
Substation Location Maple Grove Rd., Richmond, KY 40475
Circuit Name and Number 114
Circuit Location Baldwin
Total Circuit Length 19.5
2013 Member Count 127
Date of last Trim 3/1/2010

Year	2013	5 Year AVG
Members	127	
SAIDI	240.61	87.313
SAIFI	1.9370	1.192
%SAIDI_Equipment Fault	40.90%	8.89%
%SAIFI_Equipment Fault	18.29%	4.16%
%SAIDI_Lightning	24.30%	31.41%
%SAIFI_Lightning	27.24%	24.12%
%SAIDI_Maintenance	0.48%	0.10%
%SAIFI_Maintenance	0.81%	0.16%
%SAIFI_Power Supplier	0.00%	25.01%
%SAIDI_Small Animal S.C.	0.00%	13.14%
%SAIFI_Small Animal S.C.	0.00%	8.96%
%SAIDI_Trees - Non ROW	33.93%	8.51%
%SAIFI_Trees - Non ROW	52.85%	13.82%
%SAIDI_Unknown	0.39%	7.26%
%SAIFI_Unknown	0.81%	7.41%

Corrections to be made

This circuit is schedule to be trimmed this year, equipment repaired at time of outage

Newby 144

Substation Name and Number Newby, 7
Substation Location Maple Grove Rd., Richmond, KY 40475
Circuit Name and Number 144
Circuit Location Bears Den/Mule Shed
Total Circuit Length 55.38
2013 Member Count 593
Date of last Trim 7/1/2013

Year	2013	5 Year AVG
Members	593	
SAIDI	136.03	94.052
SAIFI	1.6880	1.334
%SAIDI_Birds	0.46%	5.58%
%SAIFI_Birds	0.80%	6.10%
%SAIDI_Deterioration	0.00%	0.41%
%SAIFI_Deterioration	0.00%	0.16%
%SAIDI_Equipment Fault	21.51%	5.61%
%SAIFI_Equipment Fault	19.48%	4.72%
%SAIDI_Ice/Snow-not trees	1.82%	0.36%
%SAIFI_Ice/Snow-not trees	0.50%	0.10%
%SAIDI_Lightning	2.20%	10.29%
%SAIFI_Lightning	2.10%	7.15%
%SAIDI_Maintenance	4.66%	0.93%
%SAIFI_Maintenance	16.18%	3.24%
%SAIDI_Overload	1.85%	0.37%
%SAIFI_Overload	2.20%	0.44%
%SAIDI_Power Supplier	0.00%	5.39%
%SAIFI_Power Supplier	0.00%	16.67%
%SAIDI_Public Accident	0.00%	3.11%
%SAIFI_Public Accident	0.00%	3.48%
%SAIDI_Small Animal S.C.	1.51%	7.31%
%SAIFI_Small Animal S.C.	2.90%	7.01%
%SAIDI_Trees - Non ROW	0.48%	16.44%
%SAIFI_Trees - Non ROW	0.20%	10.64%
%SAIDI_Trees - ROW	32.91%	6.62%
%SAIFI_Trees - ROW	35.36%	7.10%
%SAIDI_Unknown	32.60%	11.71%
%SAIFI_Unknown	20.28%	7.14%
%SAIDI_Wind-not trees	0.00%	25.34%
%SAIFI_Wind-not trees	0.00%	25.84%

Corrections to be made

Circuit trimmed during reporting year, no action necessary at this time

Newby 154

Substation Name and Number Newby, 7
Substation Location Maple Grove Rd., Richmond, KY 40475
Circuit Name and Number 154
Circuit Location Jiggwater
Total Circuit Length 33.61
2013 Member Count 218
Date of last Trim 1/1/2010

Year	2013	5 Year AVG
Members	218	
SAIDI	209,67	120,907
SAIFI	1.3716	1.452
%SAIDI_Birds	0.00%	0.52%
%SAIFI_Birds	0.00%	0.39%
%SAIDI_Construction	0.00%	0.11%
%SAIFI_Construction	0.00%	0.12%
%SAIDI_Deterioration	0.00%	13.39%
%SAIFI_Deterioration	0.00%	5.20%
%SAIDI_Equipment Fault	0.43%	8.96%
%SAIFI_Equipment Fault	0.33%	8.63%
%SAIDI_Fire	0.00%	1.79%
%SAIFI_Fire	0.00%	9.75%
%SAIDI_Ice/Snow-not trees	0.00%	8.09%
%SAIFI_Ice/Snow-not trees	0.00%	2.31%
%SAIDI_Lightning	76.35%	26.58%
%SAIFI_Lightning	74.92%	23.43%
%SAIDI_Overload	0.00%	0.10%
%SAIFI_Overload	0.00%	0.06%
%SAIDI_Power Supplier	0.00%	5.40%
%SAIFI_Power Supplier	0.00%	18.13%
%SAIDI_Public Accident	0.21%	13.43%
%SAIFI_Public Accident	0.67%	14.00%
%SAIDI_Small Animal S.C.	1.28%	7.96%
%SAIFI_Small Animal S.C.	3.01%	8.11%
%SAIDI_Tree Trimmers	0.00%	0.54%
%SAIFI_Tree Trimmers	0.00%	0.33%
%SAIDI_Trees - Non ROW	0.94%	1.88%
%SAIFI_Trees - Non ROW	0.67%	1.20%
%SAIDI_Trees - ROW	5.10%	1.60%
%SAIFI_Trees - ROW	7.36%	1.86%
%SAIDI_Unknown	3.04%	6.11%
%SAIFI_Unknown	5.02%	4.54%
%SAIDI_Wind-not trees	12.66%	3.15%
%SAIFI_Wind-not trees	8.03%	1.80%

Corrections to be made

No action necessary at this time

Nicholasville 134

Substation Name and Number Nicholasville, 1
Substation Location Bethany Rd., Nicholasville, KY 40356
Circuit Name and Number 134
Circuit Location Bethany/US 27
Total Circuit Length 11.77
2013 Member Count 140
Date of last Trim 3/1/2013

Year	2013	5 Year AVG
Members	140	
SAIDI	53.73	39.986
SAIFI	0.8857	0.646
%SAIDI_Birds	47.97%	15.71%
%SAIFI_Birds	40.32%	14.60%
%SAIDI_Deterioration	0.00%	9.19%
%SAIFI_Deterioration	0.00%	9.28%
%SAIDI_Equipment Fault	25.59%	5.79%
%SAIFI_Equipment Fault	28.23%	5.94%
%SAIDI_Lightning	1.87%	13.39%
%SAIFI_Lightning	0.81%	8.84%
%SAIDI_Overload	0.00%	7.48%
%SAIFI_Overload	0.00%	11.87%
%SAIDI_Public Accident	0.00%	1.01%
%SAIFI_Public Accident	0.00%	0.61%
%SAIDI_Small Animal S.C.	24.57%	16.70%
%SAIFI_Small Animal S.C.	30.65%	19.72%
%SAIDI_Trees - Non ROW	0.00%	2.00%
%SAIFI_Trees - Non ROW	0.00%	1.52%
%SAIDI_Trees - ROW	0.00%	9.23%
%SAIFI_Trees - ROW	0.00%	7.04%
%SAIDI_Unknown	0.00%	18.83%
%SAIFI_Unknown	0.00%	20.38%
%SAIDI_Wind-not trees	0.00%	0.66%
%SAIFI_Wind-not trees	0.00%	0.22%

Corrections to be made

No action necessary at this time, equipment repaired at time of outage

Ninevah 114

Substation Name and Number Ninevah, 22
 Substation Location Clifton Rd., Lawrenceburg, KY 40342
 Circuit Name and Number 114
 Circuit Location Walker Lane/Peachtree
 Total Circuit Length 13.85
 2013 Member Count 121
 Date of last Trim 12/1/2011

Year	2013	5 Year AVG
Members	121	
SAIDI	140.55	71.560
SAIFI	1.2562	1.065
%SAIDI_Birds	0.35%	1.95%
%SAIFI_Birds	1.32%	2.49%
%SAIDI_Equipment Fault	93.86%	31.75%
%SAIFI_Equipment Fault	78.29%	20.66%
%SAIDI_Lightning	0.00%	12.80%
%SAIFI_Lightning	0.00%	13.53%
%SAIDI_Power Supplier	0.00%	8.35%
%SAIFI_Power Supplier	0.00%	13.58%
%SAIDI_Small Animal S.C.	0.32%	4.56%
%SAIFI_Small Animal S.C.	0.66%	7.82%
%SAIDI_Trees - ROW	5.47%	20.27%
%SAIFI_Trees - ROW	19.74%	22.71%
%SAIDI_Unknown	0.00%	20.14%
%SAIFI_Unknown	0.00%	19.02%
%SAIDI_Wind-not trees	0.00%	0.17%
%SAIFI_Wind-not trees	0.00%	0.19%

Corrections to be made

No action necessary at this time, equipment repaired at time of outage

Ninevah 134

Substation Name and Number Ninevah, 22
 Substation Location Clifton Rd., Lawrenceburg, KY 40342
 Circuit Name and Number 134
 Circuit Location Lanes Mille/Dove CK Estate
 Total Circuit Length 60.7
 2013 Member Count 965
 Date of last Trim 12/1/2011

Year	2013	5 Year AVG
Members	965	
SAIDI	117.88	99.063
SAIFI	2.3503	1.265
%SAIDI_Birds	0.82%	0.40%
%SAIFI_Birds	0.97%	0.61%
%SAIDI_Deterioration	13.23%	4.82%
%SAIFI_Deterioration	4.59%	3.68%
%SAIDI_Equipment Fault	27.92%	13.81%
%SAIFI_Equipment Fault	43.92%	20.44%
%SAIDI_Ice/Snow-not trees	0.00%	0.44%
%SAIFI_Ice/Snow-not trees	0.00%	0.65%
%SAIDI_Large Animal G/P	0.00%	0.02%
%SAIFI_Large Animal G/P	0.00%	0.03%
%SAIDI_Lightning	4.28%	20.62%
%SAIFI_Lightning	2.60%	14.97%
%SAIDI_Maintenance	0.00%	0.64%
%SAIFI_Maintenance	0.00%	2.03%
%SAIDI_Major Storm	0.00%	7.96%
%SAIFI_Major Storm	0.00%	3.68%
%SAIDI_Overload	0.00%	0.00%
%SAIFI_Overload	0.00%	0.00%
%SAIDI_Power Supplier	0.00%	9.32%
%SAIFI_Power Supplier	0.00%	9.97%
%SAIDI_Public Accident	34.53%	9.28%
%SAIFI_Public Accident	42.02%	11.90%
%SAIDI_Small Animal S.C.	0.94%	3.93%
%SAIFI_Small Animal S.C.	0.57%	4.42%
%SAIDI_Tree Trimmers	0.00%	0.05%
%SAIFI_Tree Trimmers	0.00%	0.08%
%SAIDI_Trees - Non ROW	2.89%	14.69%
%SAIFI_Trees - Non ROW	2.60%	11.04%
%SAIDI_Trees - ROW	8.67%	6.21%
%SAIFI_Trees - ROW	0.88%	6.97%
%SAIDI_Unknown	0.03%	5.47%
%SAIFI_Unknown	0.04%	8.46%
%SAIDI_Vines	0.00%	0.02%
%SAIFI_Vines	0.00%	0.04%
%SAIDI_Wind-not trees	6.69%	2.29%
%SAIFI_Wind-not trees	1.81%	1.03%

Corrections to be made

A portion of this circuit is scheduled to be rebuilt in 2015

North Madison 104

Substation Name and Number North Madison, 15
 Substation Location Jacks Creek Pike, Richmond KY 40475
 Circuit Name and Number 104
 Circuit Location Shiloh Point
 Total Circuit Length 11.95
 2013 Member Count 175
 Date of last Trim 3/1/2010

Year	2013	5 Year AVG
Members	175	
SAIDI	35.41	16.095
SAIFI	1.0857	0.518
%SAIDI_Birds	0.00%	1.24%
%SAIFI_Birds	0.00%	3.08%
%SAIDI_Equipment Fault	0.00%	15.05%
%SAIFI_Equipment Fault	0.00%	13.85%
%SAIDI_Lightning	0.00%	2.83%
%SAIFI_Lightning	0.00%	1.27%
%SAIDI_Maintenance	82.80%	16.56%
%SAIFI_Maintenance	90.00%	18.00%
%SAIDI_Power Supplier	0.00%	15.71%
%SAIFI_Power Supplier	0.00%	19.39%
%SAIDI_Public Accident	0.00%	40.00%
%SAIFI_Public Accident	0.00%	40.00%
%SAIDI_Small Animal S.C.	17.20%	5.05%
%SAIFI_Small Animal S.C.	10.00%	2.24%
%SAIDI_Trees - Non ROW	0.00%	3.18%
%SAIFI_Trees - Non ROW	0.00%	2.05%
%SAIDI_Unknown	0.00%	0.38%
%SAIFI_Unknown	0.00%	0.12%

Corrections to be made

No action necessary at this time

North Madison 114
 Substation Name and Number North Madison, 15
 Substation Location Jacks Creek Pike, Richmond KY 40475
 Circuit Name and Number 114
 Circuit Location Boones Trace
 Total Circuit Length 45.2
 2013 Member Count 422
 Date of last Trim 9/1/2010

Year	2013	5 Year AVG
Members	422	
SAIDI	215.51	137.269
SAIFI	1.1659	1.277
%SAIDI_Deterioration	0.00%	1.34%
%SAIFI_Deterioration	0.00%	1.01%
%SAIDI_Equipment Fault	0.62%	0.78%
%SAIFI_Equipment Fault	1.83%	0.68%
%SAIDI_Lightning	1.46%	19.98%
%SAIFI_Lightning	2.85%	20.18%
%SAIDI_Maintenance	0.00%	3.83%
%SAIFI_Maintenance	0.00%	3.14%
%SAIDI_Overload	0.00%	3.00%
%SAIFI_Overload	0.00%	1.79%
%SAIDI_Power Supplier	0.00%	1.54%
%SAIFI_Power Supplier	0.00%	9.03%
%SAIDI_Public Accident	1.27%	0.25%
%SAIFI_Public Accident	1.83%	0.37%
%SAIDI_Sag/Clearance	0.00%	1.99%
%SAIFI_Sag/Clearance	0.00%	0.90%
%SAIDI_Small Animal S.C.	2.56%	1.55%
%SAIFI_Small Animal S.C.	5.89%	2.25%
%SAIDI_Trees - Non ROW	6.37%	11.04%
%SAIFI_Trees - Non ROW	7.72%	14.95%
%SAIDI_Trees - ROW	0.00%	11.99%
%SAIFI_Trees - ROW	0.00%	10.20%
%SAIDI_Unknown	0.00%	10.32%
%SAIFI_Unknown	0.00%	10.44%
%SAIDI_Wind-not trees	87.72%	32.40%
%SAIFI_Wind-not trees	79.88%	25.06%

Corrections to be made

Storm related outages, no action necessary at this time

North Madison 134
 Substation Name and Number North Madison, 15
 Substation Location Jacks Creek Pike, Richmond KY 40475
 Circuit Name and Number 134
 Circuit Location Jacks Creek Rd
 Total Circuit Length 31.52
 2013 Member Count 262
 Date of last Trim 10/1/2010

Year	2013	5 Year AVG
Members	262	
SAIDI	94.60	83.954
SAIFI	1.3397	1.222
%SAIDI_Birds	0.00%	3.61%
%SAIFI_Birds	0.00%	3.48%
%SAIDI_Construction	0.00%	0.91%
%SAIFI_Construction	0.00%	0.56%
%SAIDI_Deterioration	13.55%	2.71%
%SAIFI_Deterioration	6.55%	1.31%
%SAIDI_Equipment Fault	0.53%	3.52%
%SAIFI_Equipment Fault	0.57%	8.50%
%SAIDI_Fire	0.19%	0.04%
%SAIFI_Fire	0.28%	0.06%
%SAIDI_Ice/Snow-not trees	0.00%	4.76%
%SAIFI_Ice/Snow-not trees	0.00%	4.36%
%SAIDI_Lightning	29.70%	38.60%
%SAIFI_Lightning	22.22%	31.81%
%SAIDI_Major Storm	0.00%	0.10%
%SAIFI_Major Storm	0.00%	0.21%
%SAIDI_Overload	0.00%	2.22%
%SAIFI_Overload	0.00%	2.33%
%SAIDI_Power Supplier	0.00%	5.30%
%SAIFI_Power Supplier	0.00%	8.61%
%SAIDI_Public Accident	0.00%	1.20%
%SAIFI_Public Accident	0.00%	1.24%
%SAIDI_Small Animal S.C.	56.04%	11.90%
%SAIFI_Small Animal S.C.	70.37%	15.08%
%SAIDI_Trees - Non ROW	0.00%	1.05%
%SAIFI_Trees - Non ROW	0.00%	0.56%
%SAIDI_Trees - ROW	0.00%	0.40%
%SAIFI_Trees - ROW	0.00%	0.63%
%SAIDI_Unknown	0.00%	16.27%
%SAIFI_Unknown	0.00%	13.94%
%SAIDI_Wind-not trees	0.00%	4.46%
%SAIFI_Wind-not trees	0.00%	4.60%

Corrections to be made

No action necessary at this time

Oxford 114

Substation Name and Number Oxford, 40
Substation Location Cynthiana Rd., Georgetown, KY 40324
Circuit Name and Number 114
Circuit Location Finnell Pike
Total Circuit Length 19.77
2013 Member Count 168
Date of last Trim 12/1/2008

Year	2013	5 Year AVG
Members	168	
SAIDI	126.68	107.410
SAIFI	1.1607	1.205
%SAIDI_Birds	6.16%	1.23%
%SAIFI_Birds	10.26%	2.05%
%SAIDI_Deterioration	0.25%	3.03%
%SAIFI_Deterioration	0.51%	2.36%
%SAIDI_Equipment Fault	61.30%	28.03%
%SAIFI_Equipment Fault	47.69%	32.27%
%SAIDI_Lightning	22.81%	18.32%
%SAIFI_Lightning	24.62%	16.95%
%SAIDI_Power Supplier	0.00%	15.52%
%SAIFI_Power Supplier	0.00%	11.82%
%SAIDI_Public Accident	0.00%	17.56%
%SAIFI_Public Accident	0.00%	18.11%
%SAIDI_Small Animal S.C.	2.80%	2.88%
%SAIFI_Small Animal S.C.	6.67%	4.50%
%SAIDI_Trees - Non ROW	3.82%	0.76%
%SAIFI_Trees - Non ROW	5.13%	1.03%
%SAIDI_Trees - ROW	0.00%	4.10%
%SAIFI_Trees - ROW	0.00%	0.95%
%SAIDI_Unknown	2.87%	8.55%
%SAIFI_Unknown	5.13%	9.97%

Corrections to be made

No action necessary at this time, equipment repaired at time of outage

Oxford 124

Substation Name and Number Oxford, 40
 Substation Location Cynthiana Rd., Georgetown, KY 40324
 Circuit Name and Number 124
 Circuit Location New Oxford Road
 Total Circuit Length 25.1
 2013 Member Count 245
 Date of last Trim 5/1/2013

Year	2013	5 Year AVG
Members	245	
SAIDI	195.59	82.918
SAIFI	2.8122	0.852
%SAIDI_Equipment Fault	0.48%	1.76%
%SAIFI_Equipment Fault	0.15%	3.47%
%SAIDI_Ice/Snow-not trees	0.00%	0.99%
%SAIFI_Ice/Snow-not trees	0.00%	0.59%
%SAIDI_Lightning	0.00%	3.83%
%SAIFI_Lightning	0.00%	10.17%
%SAIDI_Maintenance	0.00%	20.00%
%SAIFI_Maintenance	0.00%	20.00%
%SAIDI_Power Supplier	92.69%	36.84%
%SAIFI_Power Supplier	97.68%	37.43%
%SAIDI_Small Animal S.C.	0.11%	12.39%
%SAIFI_Small Animal S.C.	0.15%	8.53%
%SAIDI_Trees - Non ROW	6.72%	5.27%
%SAIFI_Trees - Non ROW	2.03%	2.07%
%SAIDI_Unknown	0.00%	1.69%
%SAIFI_Unknown	0.00%	3.45%
%SAIDI_Wind-not trees	0.00%	17.23%
%SAIFI_Wind-not trees	0.00%	14.29%

Corrections to be made

Power Supplier issue, no action necessary

S. Jessamine 104
 Substation Name and Number South Jessamine, 14
 Substation Location Chrisman Mill Rd., Nicholasville, KY 40356
 Circuit Name and Number 104
 Circuit Location John Watts Drive
 Total Circuit Length 3.19
 2013 Member Count 6
 Date of last Trim 4/1/2011

Year	2013	5 Year AVG
Members	6	
SAIDI	123.00	31.092
SAIFI	3.0000	0.666
%SAIDI_Birds	100.00%	21.93%
%SAIFI_Birds	100.00%	30.00%
%SAIDI_Lightning	0.00%	40.00%
%SAIFI_Lightning	0.00%	40.00%
%SAIDI_Maintenance	0.00%	18.07%
%SAIFI_Maintenance	0.00%	10.00%
%SAIDI_Power Supplier	0.00%	20.00%
%SAIFI_Power Supplier	0.00%	20.00%

Corrections to be made No action necessary at this time

Sinai 114
 Substation Name and Number Sinai, 23
 Substation Location Hwy 62, Lawrenceburg, KY 40342
 Circuit Name and Number 114
 Circuit Location Beaver Lake
 Total Circuit Length 98.98
 2013 Member Count 809
 Date of last Trim 12/1/2011

Year	2013	5 Year AVG
Members	809	
SAIDI	123.07	107.672
SAIFI	1.3263	1.377
%SAIDI_Birds	5.75%	3.22%
%SAIFI_Birds	5.59%	3.99%
%SAIDI_Construction	0.00%	0.46%
%SAIFI_Construction	0.00%	2.44%
%SAIDI_Deterioration	4.83%	9.77%
%SAIFI_Deterioration	2.24%	3.68%
%SAIDI_Equipment Fault	2.01%	9.11%
%SAIFI_Equipment Fault	2.42%	8.06%
%SAIDI_Large Animal G/P	0.00%	0.01%
%SAIFI_Large Animal G/P	0.00%	0.01%
%SAIDI_Lightning	9.16%	21.69%
%SAIFI_Lightning	6.34%	14.64%
%SAIDI_Maintenance	0.00%	2.36%
%SAIFI_Maintenance	0.00%	4.79%
%SAIDI_Major Storm	0.00%	2.43%
%SAIFI_Major Storm	0.00%	0.51%
%SAIDI_Overload	0.00%	0.19%
%SAIFI_Overload	0.00%	0.19%
%SAIDI_Power Supplier	56.56%	13.64%
%SAIFI_Power Supplier	70.92%	26.48%
%SAIDI_Public Accident	0.92%	1.08%
%SAIFI_Public Accident	1.49%	0.99%
%SAIDI_Small Animal S.C.	0.65%	21.02%
%SAIFI_Small Animal S.C.	1.12%	22.24%
%SAIDI_Trees - Non ROW	19.04%	7.32%
%SAIFI_Trees - Non ROW	7.92%	4.11%
%SAIDI_Trees - ROW	0.04%	0.12%
%SAIFI_Trees - ROW	0.09%	0.09%
%SAIDI_Unknown	0.83%	3.27%
%SAIFI_Unknown	1.68%	5.74%
%SAIDI_Wind-not trees	0.20%	4.13%
%SAIFI_Wind-not trees	0.19%	1.97%

Corrections to be made

Power supplier issue, no action necessary

Sinal 124

Substation Name and Number Sinal, 23
Substation Location Hwy 62, Lawrenceburg, KY 40342
Circuit Name and Number 124
Circuit Location West Anderson Lick Skillet
Total Circuit Length 46.81
2013 Member Count 355
Date of last Trim 5/1/2013

Year	2013	5 Year AVG
Members	355	
SAIDI	714.74	308.911
SAIFI	5.9915	2.452
%SAIDI_Birds	5.93%	1.34%
%SAIFI_Birds	15.37%	3.17%
%SAIDI_Construction	0.02%	0.00%
%SAIFI_Construction	0.05%	0.01%
%SAIDI_Deterioration	0.02%	4.72%
%SAIFI_Deterioration	0.05%	4.51%
%SAIDI_Equipment Fault	2.13%	4.09%
%SAIFI_Equipment Fault	2.82%	8.98%
%SAIDI_Lightning	40.32%	36.29%
%SAIFI_Lightning	15.47%	13.98%
%SAIDI_Maintenance	3.31%	0.66%
%SAIFI_Maintenance	15.33%	3.07%
%SAIDI_Major Storm	0.00%	12.94%
%SAIFI_Major Storm	0.00%	1.45%
%SAIDI_Power Supplier	9.89%	4.68%
%SAIFI_Power Supplier	15.94%	25.00%
%SAIDI_Public Accident	0.10%	1.43%
%SAIFI_Public Accident	0.14%	1.16%
%SAIDI_Small Animal S.C.	0.37%	10.33%
%SAIFI_Small Animal S.C.	0.66%	9.68%
%SAIDI_Trees - Non ROW	0.00%	4.64%
%SAIFI_Trees - Non ROW	0.00%	2.56%
%SAIDI_Trees - ROW	0.00%	1.12%
%SAIFI_Trees - ROW	0.00%	0.87%
%SAIDI_Unknown	0.08%	2.40%
%SAIFI_Unknown	0.14%	9.45%
%SAIDI_Wind-not trees	37.82%	15.36%
%SAIFI_Wind-not trees	34.04%	16.13%

Corrections to be made

No action necessary

Sinai 134

Substation Name and Number Sinai, 23
Substation Location Hwy 62, Lawrenceburg, KY 40342
Circuit Name and Number 134
Circuit Location Ashby Rd
Total Circuit Length 67.83
2013 Member Count 476
Date of last Trim 4/1/2013

Year	2013	5 Year AVG
Members	476	
SAIDI	175.38	161.036
SAIFI	1.8613	1.447
%SAIDI_Birds	2.43%	5.29%
%SAIFI_Birds	2.93%	6.17%
%SAIDI_Deterioration	1.20%	7.15%
%SAIFI_Deterioration	0.79%	5.41%
%SAIDI_Equipment Fault	0.44%	4.31%
%SAIFI_Equipment Fault	0.23%	4.34%
%SAIDI_Lightning	3.05%	30.94%
%SAIFI_Lightning	3.16%	20.80%
%SAIDI_Maintenance	0.66%	0.13%
%SAIFI_Maintenance	0.56%	0.11%
%SAIDI_Major Storm	0.00%	3.81%
%SAIFI_Major Storm	0.00%	2.57%
%SAIDI_Power Supplier	39.45%	12.47%
%SAIFI_Power Supplier	50.23%	28.56%
%SAIDI_Sag/Clearance	0.00%	0.02%
%SAIFI_Sag/Clearance	0.00%	0.03%
%SAIDI_Small Animal S.C.	0.57%	5.01%
%SAIFI_Small Animal S.C.	1.13%	7.71%
%SAIDI_Trees - Non ROW	0.00%	10.20%
%SAIFI_Trees - Non ROW	0.00%	5.42%
%SAIDI_Trees - ROW	0.00%	0.16%
%SAIFI_Trees - ROW	0.00%	0.10%
%SAIDI_Unknown	5.53%	7.53%
%SAIFI_Unknown	5.53%	9.28%
%SAIDI_Wind-not trees	46.66%	9.55%
%SAIFI_Wind-not trees	35.44%	7.12%

Corrections to be made

Power supplier issue, no action necessary

Sinai 144

Substation Name and Number Sinai, 23
 Substation Location Hwy 62, Lawrenceburg, KY 40342
 Circuit Name and Number 144
 Circuit Location Glensboro
 Total Circuit Length 53.22
 2013 Member Count 378
 Date of last Trim 3/1/2013

Year	2013	5 Year AVG
Members	378	
SAIDI	389.52	230.175
SAIFI	2.3730	1.765
%SAIDI_Birds	2.84%	0.91%
%SAIFI_Birds	1.45%	0.79%
%SAIDI_Deterioration	19.97%	10.85%
%SAIFI_Deterioration	0.78%	6.54%
%SAIDI_Equipment Fault	6.96%	2.77%
%SAIFI_Equipment Fault	7.13%	2.43%
%SAIDI_Ice/Snow-not trees	0.00%	0.08%
%SAIFI_Ice/Snow-not trees	0.00%	0.03%
%SAIDI_Lightning	0.24%	11.24%
%SAIFI_Lightning	0.67%	8.83%
%SAIDI_Maintenance	0.00%	0.06%
%SAIFI_Maintenance	0.00%	0.15%
%SAIDI_Major Storm	0.00%	23.41%
%SAIFI_Major Storm	0.00%	4.60%
%SAIDI_Power Supplier	17.39%	5.18%
%SAIFI_Power Supplier	38.57%	28.94%
%SAIDI_Public Accident	0.00%	4.47%
%SAIFI_Public Accident	0.00%	2.67%
%SAIDI_Small Animal S.C.	0.40%	8.42%
%SAIFI_Small Animal S.C.	1.00%	12.26%
%SAIDI_Trees - Non ROW	6.93%	18.95%
%SAIFI_Trees - Non ROW	6.35%	16.76%
%SAIDI_Trees - ROW	26.16%	7.21%
%SAIFI_Trees - ROW	37.35%	10.45%
%SAIDI_Unknown	0.03%	2.55%
%SAIFI_Unknown	0.11%	4.18%
%SAIDI_Vines	0.00%	0.02%
%SAIFI_Vines	0.00%	0.03%
%SAIDI_Wind-not trees	19.07%	3.88%
%SAIFI_Wind-not trees	6.58%	1.35%

Corrections to be made

Power Supplier Issue, no action necessary

South Elkhorn 134

Substation Name and Number South Elkhorn, 12
 Substation Location Keene Rd., Nicholasville, KY 40356
 Circuit Name and Number 134
 Circuit Location Keene/South Elkhorn Rd
 Total Circuit Length 9.92
 2013 Member Count 134
 Date of last Trim 2/1/2013

Year	2013	5 Year AVG
Members	134	
SAIDI	18.28	11.639
SAIFI	1.0896	0.410
%SAIDI_Equipment Fault	0.00%	15.16%
%SAIFI_Equipment Fault	0.00%	10.16%
%SAIDI_Ice/Snow-not trees	0.00%	20.00%
%SAIFI_Ice/Snow-not trees	0.00%	20.00%
%SAIDI_Overload	17.06%	3.41%
%SAIFI_Overload	13.01%	2.60%
%SAIDI_Public Accident	82.94%	35.51%
%SAIFI_Public Accident	86.99%	37.07%
%SAIDI_Unknown	0.00%	5.92%
%SAIFI_Unknown	0.00%	10.16%

Corrections to be made

Public Accident, no action necessary

Vanarsdell 114
 Substation Name and Number Van Arsdell, 24
 Substation Location Bardstown Rd., Harrodsburg, KY 40330
 Circuit Name and Number 114
 Circuit Location Shakertown/Mcafee Lane
 Total Circuit Length 131.14
 2013 Member Count 880
 Date of last Trim 12/1/2008

Year	2013	5 Year AVG
Members	880	
SAIDI	127.38	100.221
SAIFI	1.0909	0.883
%SAIDI_Birds	0.47%	1.00%
%SAIFI_Birds	1.04%	1.39%
%SAIDI_Construction	0.00%	0.11%
%SAIFI_Construction	0.00%	0.06%
%SAIDI_Deterioration	9.08%	6.01%
%SAIFI_Deterioration	8.44%	5.85%
%SAIDI_Equipment Fault	13.94%	7.91%
%SAIFI_Equipment Fault	12.40%	8.92%
%SAIDI_Ice/Snow-not trees	0.00%	6.43%
%SAIFI_Ice/Snow-not trees	0.00%	4.54%
%SAIDI_Lightning	13.72%	20.12%
%SAIFI_Lightning	13.75%	19.58%
%SAIDI_Maintenance	5.34%	1.07%
%SAIFI_Maintenance	24.06%	4.81%
%SAIDI_Major Storm	0.00%	4.44%
%SAIFI_Major Storm	0.00%	1.89%
%SAIDI_Overload	0.00%	0.02%
%SAIFI_Overload	0.00%	0.04%
%SAIDI_Power Supplier	0.00%	5.07%
%SAIFI_Power Supplier	0.00%	11.33%
%SAIDI_Public Accident	0.00%	5.06%
%SAIFI_Public Accident	0.00%	6.70%
%SAIDI_Sag/Clearance	0.22%	1.44%
%SAIFI_Sag/Clearance	0.31%	1.70%
%SAIDI_Small Animal S.C.	0.68%	1.10%
%SAIFI_Small Animal S.C.	1.25%	2.29%
%SAIDI_Trees - Non ROW	54.34%	20.89%
%SAIFI_Trees - Non ROW	35.63%	14.76%
%SAIDI_Trees - ROW	0.90%	2.14%
%SAIFI_Trees - ROW	0.63%	2.14%
%SAIDI_Unknown	0.93%	4.32%
%SAIFI_Unknown	1.98%	7.22%
%SAIDI_Wind-not trees	0.37%	12.30%
%SAIFI_Wind-not trees	0.52%	6.37%

Corrections to be made

This circuit is schedule to be trimmed in 2014

Vanarsdell 144
 Substation Name and Number Van Arsdell, 24
 Substation Location Bardstown Rd., Harrodsburg, KY 40330
 Circuit Name and Number 144
 Circuit Location Cornishville/Bushtown
 Total Circuit Length 72.37
 2013 Member Count 415
 Date of last Trim 10/1/2009

Year	2013	5 Year AVG
Members	415	
SAIDI	320.07	171.981
SAIFI	1.2506	1.146
%SAIDI_Birds	62.09%	12.96%
%SAIFI_Birds	46.05%	9.82%
%SAIDI_Deterioration	0.06%	2.05%
%SAIFI_Deterioration	0.39%	1.43%
%SAIDI_Equipment Fault	0.00%	3.97%
%SAIFI_Equipment Fault	0.00%	2.98%
%SAIDI_Large Animal G/P	0.00%	0.05%
%SAIFI_Large Animal G/P	0.00%	0.08%
%SAIDI_Lightning	8.17%	48.10%
%SAIFI_Lightning	8.29%	45.99%
%SAIDI_Maintenance	1.22%	0.24%
%SAIFI_Maintenance	2.89%	0.58%
%SAIDI_Major Storm	0.00%	5.18%
%SAIFI_Major Storm	0.00%	3.69%
%SAIDI_Power Supplier	0.00%	5.00%
%SAIFI_Power Supplier	0.00%	11.08%
%SAIDI_Public Accident	5.05%	7.46%
%SAIFI_Public Accident	15.80%	5.71%
%SAIDI_Small Animal S.C.	16.26%	5.88%
%SAIFI_Small Animal S.C.	7.71%	6.12%
%SAIDI_Trees - Non ROW	5.94%	3.43%
%SAIFI_Trees - Non ROW	14.64%	4.96%
%SAIDI_Trees - ROW	1.19%	0.41%
%SAIFI_Trees - ROW	4.24%	0.99%
%SAIDI_Unknown	0.00%	3.99%
%SAIFI_Unknown	0.00%	5.29%
%SAIDI_Wind-not trees	0.00%	0.82%
%SAIFI_Wind-not trees	0.00%	0.49%

Corrections to be made

No action necessary at this time, added wildlife protection to circuit

West Berea 114
 Substation Name and Number West Berea, 8
 Substation Location Walnutmeadow Rd., Berea, KY 40403
 Circuit Name and Number 114
 Circuit Location Days Inn/Berea Sewer
 Total Circuit Length 4.5
 2013 Member Count 116
 Date of last Trim 1/1/2009

Year	2013	5 Year AVG
Members	116	
SAIDI	794.03	173.641
SAIFI	1.1379	0.567
%SAIDI_Equipment Fault	99.84%	39.97%
%SAIFI_Equipment Fault	99.24%	39.85%
%SAIDI_Lightning	0.00%	24.09%
%SAIFI_Lightning	0.00%	23.33%
%SAIDI_Small Animal S.C.	0.00%	35.91%
%SAIFI_Small Animal S.C.	0.00%	36.67%
%SAIDI_Unknown	0.16%	0.03%
%SAIFI_Unknown	0.76%	0.15%

Corrections to be made

Equipment fault has been corrected, no actions necessary

West Berea 134

Substation Name and Number West Berea, 8
Substation Location Walnutmeadow Rd., Berea, KY 40403
Circuit Name and Number 134
Circuit Location Wallaceton
Total Circuit Length 36.26
2013 Member Count 448
Date of last Trim 1/1/2010

Year	2013	5 Year AVG
Members	448	
SAIDI	173.97	119.806
SAIFI	1.2411	1.042
%SAIDI_Birds	0.60%	0.64%
%SAIFI_Birds	1.44%	1.04%
%SAIDI_Deterioration	0.00%	1.61%
%SAIFI_Deterioration	0.00%	0.78%
%SAIDI_Equipment Fault	1.08%	19.39%
%SAIFI_Equipment Fault	0.72%	19.42%
%SAIDI_Ice/Snow-not trees	0.28%	0.38%
%SAIFI_Ice/Snow-not trees	0.36%	0.20%
%SAIDI_Lightning	0.00%	4.68%
%SAIFI_Lightning	0.00%	6.94%
%SAIDI_Maintenance	1.15%	0.23%
%SAIFI_Maintenance	1.26%	0.25%
%SAIDI_Public Accident	0.00%	18.75%
%SAIFI_Public Accident	0.00%	15.46%
%SAIDI_Small Animal S.C.	0.22%	2.52%
%SAIFI_Small Animal S.C.	0.54%	4.34%
%SAIDI_Tree Trimmers	0.00%	0.48%
%SAIFI_Tree Trimmers	0.00%	0.72%
%SAIDI_Trees - Non ROW	18.75%	18.49%
%SAIFI_Trees - Non ROW	15.65%	13.14%
%SAIDI_Trees - ROW	0.00%	2.50%
%SAIFI_Trees - ROW	0.00%	3.66%
%SAIDI_Unknown	77.22%	23.10%
%SAIFI_Unknown	79.14%	26.30%
%SAIDI_Wind-not trees	0.69%	7.14%
%SAIFI_Wind-not trees	0.90%	7.49%

Corrections to be made

No action necessary

West Berea 154
 Substation Name and Number West Berea, 8
 Substation Location Walnutmeadow Rd., Berea, KY 40403
 Circuit Name and Number 154
 Circuit Location Walnut Meadow
 Total Circuit Length 47.21
 2013 Member Count 260
 Date of last Trim 2/1/2010

Year	2013	5 Year AVG
Members	260	
SAIDI	67.28	37.827
SAIFI	0.7731	0.417
%SAIDI_Birds	0.87%	4.10%
%SAIFI_Birds	1.99%	5.56%
%SAIDI_Deterioration	20.28%	13.13%
%SAIFI_Deterioration	7.96%	8.38%
%SAIDI_Equipment Fault	24.36%	12.28%
%SAIFI_Equipment Fault	45.77%	17.30%
%SAIDI_Lightning	15.05%	24.87%
%SAIFI_Lightning	13.93%	17.54%
%SAIDI_Maintenance	2.99%	0.60%
%SAIFI_Maintenance	3.48%	0.70%
%SAIDI_Public Accident	2.40%	0.48%
%SAIFI_Public Accident	2.99%	0.60%
%SAIDI_Sag/Clearance	17.17%	3.62%
%SAIFI_Sag/Clearance	10.45%	2.28%
%SAIDI_Small Animal S.C.	0.70%	27.92%
%SAIFI_Small Animal S.C.	1.49%	31.50%
%SAIDI_Trees - ROW	0.00%	1.05%
%SAIFI_Trees - ROW	0.00%	1.22%
%SAIDI_Unknown	16.19%	8.32%
%SAIFI_Unknown	11.94%	11.31%
%SAIDI_Wind-not trees	0.00%	3.64%
%SAIFI_Wind-not trees	0.00%	3.62%

Corrections to be made

No action necessary, equipment repaired at time of outage

West Nicholasville 124
 Substation Name and Number West Nicholasville 1, 3
 Substation Location Bass Pond Glen Dr., Nicholasville, KY 40356
 Circuit Name and Number 124
 Circuit Location Shun Pike
 Total Circuit Length 46.29
 2013 Member Count 386
 Date of last Trim 7/1/2010

Year	2013	5 Year AVG
Members	386	
SAIDI	58.08	37.882
SAIFI	0.4896	0.578
%SAIDI_Birds	37.39%	11.57%
%SAIFI_Birds	55.56%	14.33%
%SAIDI_Deterioration	0.00%	0.56%
%SAIFI_Deterioration	0.00%	1.02%
%SAIDI_Equipment Fault	1.91%	16.31%
%SAIFI_Equipment Fault	2.12%	8.98%
%SAIDI_Fire	0.00%	0.15%
%SAIFI_Fire	0.00%	0.71%
%SAIDI_Lightning	12.40%	9.67%
%SAIFI_Lightning	10.58%	7.99%
%SAIDI_Maintenance	3.01%	1.75%
%SAIFI_Maintenance	2.12%	0.61%
%SAIDI_Overload	0.00%	0.22%
%SAIFI_Overload	0.00%	0.05%
%SAIDI_Power Supplier	0.00%	0.31%
%SAIFI_Power Supplier	0.00%	16.55%
%SAIDI_Public Accident	0.00%	0.34%
%SAIFI_Public Accident	0.00%	0.05%
%SAIDI_Sag/Clearance	0.00%	0.04%
%SAIFI_Sag/Clearance	0.00%	0.07%
%SAIDI_Small Animal S.C.	0.29%	4.95%
%SAIFI_Small Animal S.C.	0.53%	8.24%
%SAIDI_Tree Trimmers	0.00%	0.62%
%SAIFI_Tree Trimmers	0.00%	0.05%
%SAIDI_Trees - Non ROW	0.43%	4.41%
%SAIFI_Trees - Non ROW	0.53%	2.84%
%SAIDI_Trees - ROW	40.24%	29.74%
%SAIFI_Trees - ROW	21.69%	22.81%
%SAIDI_Unknown	4.34%	13.18%
%SAIFI_Unknown	6.88%	14.09%
%SAIDI_Wind-not trees	0.00%	4.16%
%SAIFI_Wind-not trees	0.00%	0.54%

Corrections to be made

No action necessary

West Nicholasville 154
 Substation Name and Number West Nicholasville 1, 3
 Substation Location Bass Pond Glen Dr., Nicholasville, KY 40356
 Circuit Name and Number 154
 Circuit Location North Main Street
 Total Circuit Length 9.86
 2013 Member Count 665
 Date of last Trim 2/1/2010

Year	2013	5 Year AVG
Members	665	
SAIDI	6.98	4.219
SAIFI	0.1038	0.272
%SAIDI_Birds	0.00%	11.60%
%SAIFI_Birds	0.00%	8.53%
%SAIDI_Deterioration	0.00%	14.77%
%SAIFI_Deterioration	0.00%	9.76%
%SAIDI_Equipment Fault	6.85%	20.74%
%SAIFI_Equipment Fault	8.70%	12.67%
%SAIDI_Lightning	91.21%	20.56%
%SAIFI_Lightning	86.96%	18.87%
%SAIDI_Power Supplier	0.00%	1.90%
%SAIFI_Power Supplier	0.00%	19.31%
%SAIDI_Small Animal S.C.	1.94%	11.03%
%SAIFI_Small Animal S.C.	4.35%	12.22%
%SAIDI_Unknown	0.00%	18.65%
%SAIFI_Unknown	0.00%	17.54%
%SAIDI_Vandalism	0.00%	0.42%
%SAIFI_Vandalism	0.00%	0.37%
%SAIDI_Wind-not trees	0.00%	0.33%
%SAIFI_Wind-not trees	0.00%	0.74%

Corrections to be made

No action necessary

West Nicholasville 2 214
 Substation Name and Number West Nicholasville 2, 18
 Substation Location Bass Pond Glen Dr., Nicholasville, KY 40356
 Circuit Name and Number 214
 Circuit Location Bell Place/Keene Crossing
 Total Circuit Length 11.61
 2013 Member Count 651
 Date of last Trim 3/1/2010

Year	2013	5 Year AVG
Members	651	
SAIDI	26.24	11.491
SAIFI	0.3656	0.198
%SAIDI_Birds	16.47%	5.16%
%SAIFI_Birds	56.30%	15.95%
%SAIDI_Equipment Fault	0.00%	26.11%
%SAIFI_Equipment Fault	0.00%	19.69%
%SAIDI_Lightning	80.63%	21.41%
%SAIFI_Lightning	39.92%	10.91%
%SAIDI_Public Accident	0.00%	14.84%
%SAIFI_Public Accident	0.00%	17.18%
%SAIDI_Sag/Clearance	1.52%	0.30%
%SAIFI_Sag/Clearance	1.68%	0.34%
%SAIDI_Small Animal S.C.	0.43%	12.69%
%SAIFI_Small Animal S.C.	0.84%	13.26%
%SAIDI_Trees - Non ROW	0.95%	0.19%
%SAIFI_Trees - Non ROW	1.26%	0.25%
%SAIDI_Trees - ROW	0.00%	11.67%
%SAIFI_Trees - ROW	0.00%	14.52%
%SAIDI_Unknown	0.00%	7.63%
%SAIFI_Unknown	0.00%	7.91%

Corrections to be made

No action necessary

West Nicholasville 2 234
 Substation Name and Number West Nicholasville 2, 18
 Substation Location Bass Pond Glen Dr., Nicholasville, KY 40356
 Circuit Name and Number 234
 Circuit Location Etter Drive
 Total Circuit Length 2.1
 2013 Member Count 46
 Date of last Trim 2/1/2011

Year	2013	5 Year AVG
Members	46	
SAIDI	45.39	11.000
SAIFI	1.0000	0.215
%SAIDI_Birds	100.00%	20.00%
%SAIFI_Birds	100.00%	20.00%
%SAIDI_Lightning	0.00%	38.88%
%SAIFI_Lightning	0.00%	33.33%
%SAIDI_Small Animal S.C.	0.00%	1.13%
%SAIFI_Small Animal S.C.	0.00%	6.67%

Corrections to be made

No action necessary