



925-929 North Main Street
Post Office Box 910
Somerset, KY 42502-0910
Telephone 606-678-4121
Toll Free 800-264-5112
Fax 606-679-8279
www.skrecc.com

Allen Anderson, President & CEO

June 23, 2014

RECEIVED

JUN 30 2014

PUBLIC SERVICE
COMMISSION

Kyle Willard, Director of Engineering
Kentucky Public Service Commission
Post Office 615
Frankfort, Kentucky 40602-0615

RE: Case No. 2011-00450

Dear Mr. Willard:

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 'Dennis Holt'.

Dennis Holt
South Kentucky R.E.C.C.
Vice President of Operations

DH:ak

Enclosures

KENTUCKY PUBLIC SERVICE COMMISSION

Electric Distribution Utility Annual Reliability Report

RECEIVED

JUN 30 2014

PUBLIC SERVICE
COMMISSION

SECTION 1: CONTACT INFORMATION

UTILITY NAME	South Kentucky RECC
REPORT PREPARED BY	Kevin Newton
E-MAIL ADDRESS OF PREPARER	knewton@skrecc.com
PHONE NUMBER OF PREPARER	(606)678-4121

SECTION 2: REPORT YEAR

CALENDAR YEAR OF REPORT	2013
-------------------------	------

SECTION 3: MAJOR EVENT DAYS

T_{MED}	21.16 minutes per consumer
FIRST DATE USED TO DETERMINE T_{MED}	1-Jan-09
LAST DATE USED TO DETERMINE T_{MED}	31-Dec-13
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

SYTSTEM-WIDE INFORMATION

TOTAL CUSTOMERS	<u>67934</u>	TOTAL CIRCUITS	<u>136</u>
-----------------	--------------	----------------	------------

Excluding MED

5-YEAR AVERAGE		REPORTING YEAR	
SAIDI	<u>192.57</u>	SAIDI	<u>164.26</u>
SAIFI	<u>1.75</u>	SAIFI	<u>0.998</u>

Including MED

5-YEAR AVERAGE		REPORTING YEAR	
SAIDI	<u>306.22</u>	SAIDI	<u>196.43</u>
SAIFI	<u>2.55</u>	SAIFI	<u>1.76</u>

Notes:

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

KENTUCKY PUBLIC SERVICE COMMISSION

SECTION 5: CIRCUIT REPORTING

required reporting for individual circuits is attached

Electric Distribution Utility Annual Reliability Report

Additional pages may be attached as necessary

SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

INCLUDE CURRENT VEGETATIVE MANAGEMENT PLAN

VMP is attached to this report.

Evaluation of the 2013 VMP

Introduction:

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

Bushhogging:

In 2013 the cooperative performed 120 miles of bush hogging.

Herbicide Spraying:

For the year of 2013 we accomplished all of the herbicide spraying that was planned for. This was approximately 168 miles of spraying.

Cycle Trimming:

For the standard trimming cycle work the cooperative planned to trim 25 circuits for the year. We completed those circuits or approximately 941 miles of this work.

Vine Treatment program:

We began a vine treatment program in 2013. We treated 1419 miles of line for vines. This program involves spotting vine poles and then treating those poles for vine growth.

Other Trimming and Cutting:

In 2013 we built to approximately 909 new members, and this amounted to approximately 11 miles of new overhead distribution line clearing. We were able to take care of the clearing for all these new lines.

Along with the above mentioned work, we were able to complete 2,009 individual work-orders for trimming and other

KENTUCKY PUBLIC SERVICE COMMISSION

right-of-way work at various locations across the 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 2013 we were very close to being on schedule for all of our planned right-of-way work. We feel that our Right-of-Way plan was implemented well, but we 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.

SECTION 7: UTILITY COMMENTS

South Kentucky RECC's worst performing circuits were typically rural circuits with tree lined right of ways. The vast majority of the ranking circuits show TREES as the prominent cause of the outages. This holds true for both the frequency of outages (SAIFI list) and the duration of the outage (SAIDI list).

We would also note that many of the outages that are categorized as TREES are outages that occurred during storms. The category is picked by the dispatcher with the assistance of the crew working the outage. During busy times the category may be picked without getting information from the field, and TREES may be picked when the outage may more accurately be identified as WIND or LIGHTNING. Many of the outages during storms are off right of way trees. We have very few outages caused by trees brushing the line. Trees brushing the line are much more likely to cause flicker or dimming and present safety issues for the public. We feel we are on a good cycle for trimming and the fact that TREES shows up as the cause so frequently is not a reflection on our VMP, but rather a result of the number of miles of line we have that is in tree lined right of ways.

We believe that the nature of a rural system lends itself to longer feeders and thus more exposure. Longer feeders along with increased travel time to outages affect the duration and frequency of outages on these longer feeders that are so common to the rural coops.



South Kentucky RECC
Vegetation Management Plan (VMP)
Prepared June 2014

Introduction

South Kentucky RECC (SKRECC) is an Electric Distribution Cooperative serving approximately 67,000 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 6,700 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 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.

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Russell Springs #1
2) Substation location (County-road-town)	Russell Springs
3) Circuit name and number	N. Hwy 127 - 0101
4) Circuit location (town-road-general area)	N. Hwy 127 from Russell Springs
5) Total Circuit Length (miles)	7.2
6) Customer count for this circuit	162
7) Date of last circuit trlm (VM)	2010
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Wind 90% Planned 7% Trans. Fuse 2% squirrel 1%
9) Circuit 5 year average SAIDI	41.8
10) Reporting year SAIDI	78.5
11) Circuit 5 year average SAIFI	0.48
12) Reporting year SAIFI	0.28
13) List of correction action, if any, taken or to be taken	

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Russell Springs #1	
2) Substation location (County-road-town)	Russell Springs	
3) Circuit name and number	Bernard Ridge - 0102	
4) Circuit location (town-road-general area)	Bernard Ridge	
5) Total Circuit Length (miles)	2.5	
6) Customer count for this circuit	490	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Car hit pole	93
	Line Down	4
	Planned	1
	Broke Pole	0.5
	Line Fuse	0.5
	Trees	0.5
	Trans fuse	0.5
9) Circuit 5 year average SAIDI	93	
10) Reporting year SAIDI	295.1	
11) Circuit 5 year average SAIFI	0.89	
12) Reporting year SAIFI	0.95	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)

1) Substation name and number	Russell Springs #1	
2) Substation location (County-road-town)	Russell Springs	
3) Circuit name and number	Halls Hwy - 0104	
4) Circuit location (town-road-general area)	Halls Hwy 379	
5) Total Circuit Length (miles)	59.2	
6) Customer count for this circuit	717	
7) Date of last circuit trim (VM)	2012	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	93
	car hit pole	5
	trans	0.5
	bird	0.4
	planned	0.3
	line fuse	0.3
	lightning	0.3
	squirrel	0.1
	trans fuse	0.1
9) Circuit 5 year average SAIDI	87.9	
10) Reporting year SAIDI	268.1	
11) Circuit 5 year average SAIFI	1.27	
12) Reporting year SAIFI	3.34	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Russell Springs #1	
2) Substation location (County-road-town)	Russell Springs	
3) Circuit name and number	West 80 - 0105	
4) Circuit location (town-road-general area)	West Hwy 80 from RS	
5) Total Circuit Length (miles)	48	
6) Customer count for this circuit	814	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	car hit pole lightning bird squirrel line fuse unknown	98 1 0.3 0.3 0.3 0.1
9) Circuit 5 year average SAIDI	148.5	
10) Reporting year SAIDI	358.4	
11) Circuit 5 year average SAIFI	1.33	
12) Reporting year SAIFI	2.26	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Russell Springs #1	
2) Substation location (County-road-town)	Russell Springs	
3) Circuit name and number	Sano - 0106	
4) Circuit location (town-road-general area)	Sano	
5) Total Circuit Length (miles)	59.6	
6) Customer count for this circuit	737	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	broke pole	30
	lightning	30
	trees	28
	line down	7
	planned	4
	line fuse	0.5
	bird	0.4
	trans fuse	0.1
9) Circuit 5 year average SAIDI	86.4	
10) Reporting year SAIDI	139.9	
11) Circuit 5 year average SAIFI	1.22	
12) Reporting year SAIFI	1.28	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Windsor #2	
2) Substation location (County-road-town)	Windsor	
3) Circuit name and number	Gosser Ridge - 0203	
4) Circuit location (town-road-general area)	Gosser Ridge	
5) Total Circuit Length (miles)	62.4	
6) Customer count for this circuit	509	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	line down	55
	unknown	20
	trees	15
	squirrel	5
	trans fuse	3
	lightning	1
	trans	0.5
	bird	0.5
9) Circuit 5 year average SAIDI	68.9	
10) Reporting year SAIDI	105.6	
11) Circuit 5 year average SAIFI	0.89	
12) Reporting year SAIFI	1.6	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Nancy #3	
2) Substation location (County-road-town)	Nancy	
3) Circuit name and number	Hickory Nut - 0303	
4) Circuit location (town-road-general area)	Hickory Nut Ridge	
5) Total Circuit Length (miles)	55.2	
6) Customer count for this circuit	546	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	equipment	60
	trees	30
	broke poie	3
	lightning	3
	squirrel	1
	trans fuse	1
	line fuse	1
	trans	0.5
	bird	0.5
9) Circuit 5 year average SAIDI	123.9	
10) Reporting year SAIDI	243.6	
11) Circuit 5 year average SAIFI	1.4	
12) Reporting year SAIFI	2.23	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/DR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Mt. Olive #4	
2) Substation location (County-road-town)	Mt. Olive	
3) Circuit name and number	Brown Ridge - 0403	
4) Circuit location (town-road-general area)	Brown Ridge	
5) Total Circuit Length (miles)	24.6	
6) Customer count for this circuit	213	
7) Date of last circuit trim (VM)	2011	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees broke pole planned trans fuse	50 40 9 1
9) Circuit 5 year average SAIDI	153.9	
10) Reporting year SAIDI	168.2	
11) Circuit 5 year average SAIFI	1.16	
12) Reporting year SAIFI	1.6	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	East Somerset #6	
2) Substation location (County-road-town)	East of Somerset	
3) Circuit name and number	Bolton Subd - 0602	
4) Circuit location (town-road-general area)	Bolton Subd	
5) Total Circuit Length (miles)	6.6	
6) Customer count for this circuit	124	
7) Date of last circuit trim (VM)	2006	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees source planned line fuse squirrel	80 19 0.4 0.3 0.3
9) Circuit 5 year average SAIDI	61.8	
10) Reporting year SAIDI	260.2	
11) Circuit 5 year average SAIFI	0.6	
12) Reporting year SAIFI	2.03	
13) List of correction action, if any, taken or to be taken		

A visual inspection of rights of way will be done in 2014. This is a very short circuit in length.

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	East Somerset #6	
2) Substation location (County-road-town)	East of Somerset	
3) Circuit name and number	Sugar Hill - 0603	
4) Circuit location (town-road-general area)	Sugar Hill	
5) Total Circuit Length (miles)	27.2	
6) Customer count for this circuit	485	
7) Date of last circuit trim (VM)	2006	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	50
	source	40
	unknown	5
	squirrel	3
	line down	1
	line fuse	0.5
	bird	0.5
9) Circuit 5 year average SAIDI	69.5	
10) Reporting year SAIDI	102.1	
11) Circuit 5 year average SAIFI	0.84	
12) Reporting year SAIFI	1.42	
13) List of correction action, if any, taken or to be taken		

A visual inspection of rights of way will be done in 2014.

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	East Somerset	36
2) Substation location (County-road-town)	East of Somerset	
3) Circuit name and number	Gofftown	-0605
4) Circuit location (town-road-general area)	Gofftown/Grundy Rd.	
5) Total Circuit Length (miles)	41	
6) Customer count for this circuit	556	
7) Date of last circuit trim (VM)	2006	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	broke pole trees	50
	source	30
	lightning	14
	line fuse	3
	trans fuse	2
	trans	0.8
	squirrel	0.1
		0.1
9) Circuit 5 year average SAIDI	112.4	
10) Reporting year SAIDI	304.8	
11) Circuit 5 year average SAIFI	1.18	
12) Reporting year SAIFI	3.4	
13) List of correction action, if any, taken or to be taken		

A visual inspection of rights of way will be done in 2014.

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Shopville #7	
2) Substation location (County-road-town)	Shopville	
3) Circuit name and number	Valley Oak - 0705	
4) Circuit location (town-road-general area)	N. Hwy 461	
5) Total Circuit Length (miles)	93.8	
6) Customer count for this circuit	750	
7) Date of last circuit trim (VM)	2012	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	50
	line fuse	20
	lightning	13
	line down	11
	squirrel	4
	trans fuse	1
	trans	1
9) Circuit 5 year average SAIDI	62.4	
10) Reporting year SAIDI	77.2	
11) Circuit 5 year average SAIFI	0.41	
12) Reporting year SAIFI	0.4	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Norwood #8	
2) Substation location (County-road-town)	Norwood	
3) Circuit name and number	Parkway Manor - 0803	
4) Circuit location (town-road-general area)	Wilson Road	
5) Total Circuit Length (miles)	31.4	
6) Customer count for this circuit	806	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	85
	lightning	8
	unknown	2
	line fuse	2
	squirrel	1
	bird	1
	trans	1
9) Circuit 5 year average SAIDI	86.2	
10) Reporting year SAIDI	122.5	
11) Circuit 5 year average SAIFI	1	
12) Reporting year SAIFI	1.7	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Norwood #8	
2) Substation location (County-road-town)	Norwood	
3) Circuit name and number	Breezy Hills - 0804	
4) Circuit location (town-road-general area)	Breezy Hills area	
5) Total Circuit Length (miles)	22.1	
6) Customer count for this circuit	521	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	95
	line fuse	2
	trans	1
	trans fuse	1
	line down	1
9) Circuit 5 year average SAIDI	54.7	
10) Reporting year SAIDI	41.5	
11) Circuit 5 year average SAIFI	0.82	
12) Reporting year SAIFI	1.1	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Norwood #8	
2) Substation location (County-road-town)	Norwood	
3) Circuit name and number	N. Hwy 127 - 0805	
4) Circuit location (town-road-general area)	N. Hwy 127	
5) Total Circuit Length (miles)	3.5	
6) Customer count for this circuit	40	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Planned squirrel trees bird	90 5 3 2
9) Circuit 5 year average SAIDI	11.69	
10) Reporting year SAIDI	26.48	
11) Circuit 5 year average SAIFI	0.11	
12) Reporting year SAIFI	0.2	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Floyd #9	
2) Substation location (County-road-town)	Floyd area	
3) Circuit name and number	S. 1247 - 0902	
4) Circuit location (town-road-general area)	S. Hwy 1247	
5) Total Circuit Length (miles)	20.7	
6) Customer count for this circuit	420	
7) Date of last circuit trim (VM)	2011	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	unknown	52
	lightning	30
	bird	5
	line down	4
	line fuse	4
	squirrel	2
	trans fuse	2
	trees	1
9) Circuit 5 year average SAIDI	63.91	
10) Reporting year SAIDI	199.8	
11) Circuit 5 year average SAIFI	0.96	
12) Reporting year SAIFI	2.49	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Floyd #9	
2) Substation location (County-road-town)	Floyd area	
3) Circuit name and number	N. 1247 - 0903	
4) Circuit location (town-road-general area)	N. Hwy 1247	
5) Total Circuit Length (miles)	60.6	
6) Customer count for this circuit	611	
7) Date of last circuit trim (VM)	2011	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	unknown	40
	wind	40
	line down	8
	trees	7
	planned	3
	trans fuse	2
9) Circuit 5 year average SAIDI	62.47	
10) Reporting year SAIDI	97.1	
11) Circuit 5 year average SAIFI	0.85	
12) Reporting year SAIFI	1.75	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Floyd #9	
2) Substation location (County-road-town)	Floyd area	
3) Circuit name and number	S. 27 - 0904	
4) Circuit location (town-road-general area)	S. Hwy 27	
5) Total Circuit Length (miles)	6.3	
6) Customer count for this circuit	118	
7) Date of last circuit trim (VM)	2011	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	100
9) Circuit 5 year average SAIDI	3.43	
10) Reporting year SAIDI	8.87	
11) Circuit 5 year average SAIFI	0.04	
12) Reporting year SAIFI	0.11	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Floyd #9	
2) Substation location (County-road-town)	Floyd area	
3) Circuit name and number	N. Hwy 27 - 0905	
4) Circuit location (town-road-general area)	N Hwy 27 from Eubank	
5) Total Circuit Length (miles)	48.3	
6) Customer count for this circuit	563	
7) Date of last circuit trim (VM)	2006	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	50
	line down	22
	line fuse	22
	source	3
	unknown	1
	lightning	1
	squirrel	1
9) Circuit 5 year average SAIDI	71.6	
10) Reporting year SAIDI	77.1	
11) Circuit 5 year average SAIFI	0.92	
12) Reporting year SAIFI	1.6	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Sewellton #12	
2) Substation location (County-road-town)	Sewellton	
3) Circuit name and number	Story Lane - 1201	
4) Circuit location (town-road-general area)	Story Lane along Hwy 127	
5) Total Circuit Length (miles)	21.7	
6) Customer count for this circuit	207	
7) Date of last circuit trim (VM)	2009	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	96
	squirrel	2
	lightning	1
	trans fuse	1
9) Circuit 5 year average SAIDI	42.8	
10) Reporting year SAIDI	119.8	
11) Circuit 5 year average SAIFI	0.45	
12) Reporting year SAIFI	1.04	
13) List of correction action, if any, taken or to be taken		

A visual inspection will be performed during 2014.

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Monticello #14	
2) Substation location (County-road-town)	Monticello	
3) Circuit name and number	Colonial Est - 1403	
4) Circuit location (town-road-general area)	Colonial Est	
5) Total Circuit Length (miles)	4.9	
6) Customer count for this circuit	108	
7) Date of last circuit trim (VM)	2012	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	100
9) Circuit 5 year average SAIDI	18.2	
10) Reporting year SAIDI	42.4	
11) Circuit 5 year average SAIFI	0.65	
12) Reporting year SAIFI	1.03	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Bronston #15	
2) Substation location (County-road-town)	Bronston	
3) Circuit name and number	Antioch Shores - 1503	
4) Circuit location (town-road-general area)	Antloch Shores	
5) Total Circuit Length (miles)	25.4	
6) Customer count for this circuit	680	
7) Date of last circuit trim (VM)	2013	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	65
	line down	25
	lightning	7
	trans fuse	1
	planned	1
	other animal	0.5
	squirrel	0.5
9) Circuit 5 year average SAIDI	55.8	
10) Reporting year SAIDI	94.2	
11) Circuit 5 year average SAIFI	1.17	
12) Reporting year SAIFI	2.43	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Bronston #15	
2) Substation location (County-road-town)	Bronston	
3) Circuit name and number	Jacksboro Rd - 1507	
4) Circuit location (town-road-general area)	Jacksboro Road area	
5) Total Circuit Length (miles)	32.1	
6) Customer count for this circuit	661	
7) Date of last circuit trim (VM)	2013	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees planned unknown line down trans fuse line fuse lightning squirrel	75 15 2 2 2 2 1 1
9) Circuit 5 year average SAIDI	115	
10) Reporting year SAIDI	154.1	
11) Circuit 5 year average SAIFI	1.45	
12) Reporting year SAIFI	2.4	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Whitley City #17	
2) Substation location (County-road-town)	Whitley City	
3) Circuit name and number	N. Hwy 27 - 1703	
4) Circuit location (town-road-general area)	N. Hwy 27	
5) Total Circuit Length (miles)	4.2	
6) Customer count for this circuit	87	
7) Date of last circuit trim (VM)	2009	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	100
9) Circuit 5 year average SAIDI	17.9	
10) Reporting year SAIDI	64.6	
11) Circuit 5 year average SAIFI	0.26	
12) Reporting year SAIFI	0.98	
13) List of correction action, if any, taken or to be taken		
	Trimming in 2014.	

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Whitley City #17	
2) Substation location (County-road-town)	Whitley City	
3) Circuit name and number	Pine Knot - 1704	
4) Circuit location (town-road-general area)	south from sub	
5) Total Circuit Length (miles)	12.1	
6) Customer count for this circuit	307	
7) Date of last circuit trim (VM)	2011	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	planned equipment trees trans fuse trans line fuse	70 25 2 1 1 1
9) Circuit 5 year average SAIDI	110	
10) Reporting year SAIDI	155	
11) Circuit 5 year average SAIFI	1.4	
12) Reporting year SAIFI	2	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Oakhill #19	
2) Substation location (County-road-town)	Oakhill Road area	
3) Circuit name and number	Green Meadows - 1902	
4) Circuit location (town-road-general area)	Green Meadows subd	
5) Total Circuit Length (miles)	14.3	
6) Customer count for this circuit	709	
7) Date of last circuit trim (VM)	2009	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	23
	unknown	22
	line fuse	20
	bird	15
	lightning	10
	squirrel	5
	wind	3
	trans	2
9) Circuit 5 year average SAIDI	76	
10) Reporting year SAIDI	41.2	
11) Circuit 5 year average SAIFI	1.3	
12) Reporting year SAIFI	1.5	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Asahi #20	
2) Substation location (County-road-town)	Valley Oak Ind Park	
3) Circuit name and number	Technology Park - 2003	
4) Circuit location (town-road-general area)	Tech Park area	
5) Total Circuit Length (miles)	6	
6) Customer count for this circuit	46	
7) Date of last circuit trim (VM)	2012	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	100
9) Circuit 5 year average SAIDI	7.5	
10) Reporting year SAIDI	12	
11) Circuit 5 year average SAIFI	0.1	
12) Reporting year SAIFI	0.13	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	West Somerset #21	
2) Substation location (County-road-town)	West Somerset	
3) Circuit name and number	Woodridge Est - 2102	
4) Circuit location (town-road-general area)	Woodridge Est	
5) Total Circuit Length (miles)	18.8	
6) Customer count for this circuit	734	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	line down	45
	trans	38
	trees	15
	planned	1
	bird	1
	trans	0.5
	fuse	0.5
9) Circuit 5 year average SAIDI	29.2	
10) Reporting year SAIDI	106.1	
11) Circuit 5 year average SAIFI	0.52	
12) Reporting year SAIFI	2.1	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Salem #22	
2) Substation location (County-road-town)	Salem	
3) Circuit name and number	To Hwy 80	
4) Circuit location (town-road-general area)	Toward hwy 80 from the sub	
5) Total Circuit Length (miles)	22.9	
6) Customer count for this circuit	409	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	broke pole	30
	lightning	20
	line fuse	15
	car hit pole	15
	line down	5
	trans fuse	5
	bird	5
	squirrel	5
9) Circuit 5 year average SAIDI	109.3	
10) Reporting year SAIDI	340.3	
11) Circuit 5 year average SAIFI	2.26	
12) Reporting year SAIFI	6.63	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Cabin Hollow #23	
2) Substation location (County-road-town)	Cabin Hollow area	
3) Circuit name and number	E. Hwy 914 - 2301	
4) Circuit location (town-road-general area)	E. Hwy 914	
5) Total Circuit Length (miles)	15.9	
6) Customer count for this circuit	335	
7) Date of last circuit trim (VM)	2012	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees squirrel lightning trans	87 10 2 1
9) Circuit 5 year average SAIDI	20.3	
10) Reporting year SAIDI	27.2	
11) Circuit 5 year average SAIFI	0.24	
12) Reporting year SAIFI	0.16	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Cabin Hollow #23	
2) Substation location (County-road-town)	Cabin Hollow area	
3) Circuit name and number	Cedar Grove - 2303	
4) Circuit location (town-road-general area)	Cedar Grove Road	
5) Total Circuit Length (miles)	38.7	
6) Customer count for this circuit	574	
7) Date of last circuit trim (VM)	2005	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Trees	55
	Unknown	25
	Transformer	15
	Line Down	3
	Planned	1
	Wind	1
9) Circuit 5 year average SAIDI	257.6	
10) Reporting year SAIDI	562.9	
11) Circuit 5 year average SAIFI	2.27	
12) Reporting year SAIFI	4.7	
13) List of correction action, if any, taken or to be taken		
	Trimming in 2014.	

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	South Floyd #24	
2) Substation location (County-road-town)	Northern Pulaski Co	
3) Circuit name and number	To Bull Road - 2402	
4) Circuit location (town-road-general area)	Hwy 452	
5) Total Circuit Length (miles)	27.8	
6) Customer count for this circuit	321	
7) Date of last circuit trim (VM)	2011	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Trees	90
	Lightning	5
	Unknown	3
	Planned	1
	Bird	0.5
	Squirrel	0.5
9) Circuit 5 year average SAIDI	80.5	
10) Reporting year SAIDI	217.8	
11) Circuit 5 year average SAIFI	0.85	
12) Reporting year SAIFI	2.24	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

- | | |
|---|--|
| 1) Substation name and number | South Oakhill #25 |
| 2) Substation location (County-road-town) | Oakhill Road area |
| 3) Circuit name and number | To Waide's Woods - 2502 |
| 4) Circuit location (town-road-general area) | Waide's Woods subd |
| 5) Total Circuit Length (miles) | 26 |
| 6) Customer count for this circuit | 616 |
| 7) Date of last circuit trim (VM) | 2012 |
| 8) List outage causes for circuit along with percentage of total outage numbers represented by each cause | Wind 70
Trees 12
Lightning 7
Line Fuse 5
Planned 2
Trans Fuse 2
Squirrel 1
Bird 1 |
| 9) Circuit 5 year average SAIDI | 93.2 |
| 10) Reporting year SAIDI | 119.2 |
| 11) Circuit 5 year average SAIFI | 1.2 |
| 12) Reporting year SAIFI | 1.5 |
| 13) List of correction action, if any, taken or to be taken | |

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/DR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	South Dakhill #25	
2) Substation location (County-road-town)	Dakhill Road area	
3) Circuit name and number	To Prather Road - 2503	
4) Circuit location (town-road-general area)	Prather Road	
5) Total Circuit Length (miles)	25.6	
6) Customer count for this circuit	799	
7) Date of last circuit trim (VM)	2009	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Wind	60
	Trees	20
	squirrel	7
	bird	3
	unknown	3
	car hit pole	3
	trans fuse	2
	line fuse	1
	planned	0.5
	transformer	0.5
9) Circuit 5 year average SAIDI	98.6	
10) Reporting year SAIDI	122.8	
11) Circuit 5 year average SAIFI	1.3	
12) Reporting year SAIFI	1.5	
13) List of correction action, if any, taken or to be taken		
	Trimming In 2014.	

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	South Oakhill #25	
2) Substation location (County-road-town)	Oakhill Road area	
3) Circuit name and number	Heartland Plantation - 2504	
4) Circuit location (town-road-general area)	Heartland Plantation	
5) Total Circuit Length (miles)	7.3	
6) Customer count for this circuit	264	
7) Date of last circuit trim (VM)	2009	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	wind birds trees	99 0.5 0.5
9) Circuit 5 year average SAIDI	61.8	
10) Reporting year SAIDI	137.7	
11) Circuit 5 year average SAIFI	0.76	
12) Reporting year SAIFI	1.58	
13) List of correction action, if any, taken or to be taken		
	Trimming in 2014.	

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	South Oakhill #25	
2) Substation location (County-road-town)	Oakhill Road area	
3) Circuit name and number	Lakewoodhaven - 2505	
4) Circuit location (town-road-general area)	Lakewoodhaven subd	
5) Total Circuit Length (miles)	7	
6) Customer count for this circuit	367	
7) Date of last circuit trim (VM)	2009	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	wind	97
	unknown	1
	trees	1
	squirrel	0.5
	planned	0.5
9) Circuit 5 year average SAIDI	64	
10) Reporting year SAIDI	85.4	
11) Circuit 5 year average SAIFI	0.8	
12) Reporting year SAIFI	1.1	
13) List of correction action, if any, taken or to be taken		
	Trimming in 2014.	

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Snow #26	
2) Substation location (County-road-town)	western Clinton Co.	
3) Circuit name and number	E. Hwy 90 - 2603	
4) Circuit location (town-road-general area)	E. Hwy 90	
5) Total Circuit Length (miles)	1.1	
6) Customer count for this circuit	17	
7) Date of last circuit trim (VM)	short feeder- very limited ROW	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	100
9) Circuit 5 year average SAIDI	26.7	
10) Reporting year SAIDI	38.8	
11) Circuit 5 year average SAIFI	0.5	
12) Reporting year SAIFI	0.4	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Slat #27	
2) Substation location (County-road-town)	Slat area	
3) Circuit name and number	Coffey Mtn - 2703	
4) Circuit location (town-road-general area)	Coffey Mtn area	
5) Total Circuit Length (miles)	53.7	
6) Customer count for this circuit	551	
7) Date of last circuit trim (VM)	2014	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	55
	lightning	39
	car hit pole	2
	line down	1
	unknown	1
	trans fuse	1
	planned	0.5
	transformer	0.5
9) Circuit 5 year average SAIDI	370.6	
10) Reporting year SAIDI	889.5	
11) Circuit 5 year average SAIFI	3.82	
12) Reporting year SAIFI	3.87	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	East Pine Knot #28		
2) Substation location (County-road-town)	East of Pine Knot		
3) Circuit name and number	E. Bethel Road - 2803		
4) Circuit location (town-road-general area)	East Bethel Road		
5) Total Circuit Length (miles)	15.9		
6) Customer count for this circuit	324		
7) Date of last circuit trim (VM)	2013		
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	lightning	95	
	trees	3	
	wind	2	
9) Circuit 5 year average SAIDI	128.5		
10) Reporting year SAIDI	152.7		
11) Circuit 5 year average SAIFI	2.1		
12) Reporting year SAIFI	2.1		
13) List of correction action, If any, taken or to be taken			

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	E. Pine Knot #28	
2) Substation location (County-road-town)	East of Pine Knot	
3) Circuit name and number	Davis Hill - 2804	
4) Circuit location (town-road-general area)	Davis Hill area	
5) Total Circuit Length (miles)	27.9	
6) Customer count for this circuit	587	
7) Date of last circuit trim (VM)	2013	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	95
	trans fuse	1
	lightning	1
	transformer	1
	planned	0.5
	wind	0.5
	bird	0.5
	line fuse	0.5
9) Circuit 5 year average SAIDI	187.3	
10) Reporting year SAIDI	238.5	
11) Circuit 5 year average SAIFI	3.4	
12) Reporting year SAIFI	3.44	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Cemetery Road 329	
2) Substation location (County-road-town)	Lincoln Co	
3) Circuit name and number	Waynesburg - 2902	
4) Circuit location (town-road-general area)	Waynesburg	
5) Total Circuit Length (miles)	50.6	
6) Customer count for this circuit	484	
7) Date of last circuit trim (VM)	2011	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	75
	line fuse	15
	trans fuse	2
	planned	2
	broke pole	2
	squirrel	1
	lightning	1
	bird	1
	unknown	1
9) Circuit 5 year average SAIDI	385.7	
10) Reporting year SAIDI	411.4	
11) Circuit 5 year average SAIFI	3.9	
12) Reporting year SAIFI	3.5	
13) List of correction action, If any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Jamestown #30	
2) Substation location (County-road-town)	Jamestown area	
3) Circuit name and number	Moore School Road - 3002	
4) Circuit location (town-road-general area)	Moore School Road area	
5) Total Circuit Length (miles)	24.7	
6) Customer count for this circuit	381	
7) Date of last circuit trim (VM)	2009	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	wind	65
	trees	30
	planned	1.5
	transformer	0.5
	unknown	0.5
	line fuse	0.5
	lightning	0.5
	line down	0.5
	squirrel	0.5
	bird	0.5
9) Circuit 5 year average SAIDI	145.7	
10) Reporting year SAIDI	257	
11) Circuit 5 year average SAIFI	1.79	
12) Reporting year SAIFI	1.6	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Jamestown #30	
2) Substation location (County-road-town)	Jamestown	
3) Circuit name and number	Pleasant Hill - 3003	
4) Circuit location (town-road-general area)	Pleasant Hill Road	
5) Total Circuit Length (miles)	57.4	
6) Customer count for this circuit	807	
7) Date of last circuit trim (VM)	2014	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	wind	82
	unknown	6
	planned	4
	trees	2
	trans fuse	2
	line fuse	2
	bird	1
	lightning	1
9) Circuit 5 year average SAIDI	192.1	
10) Reporting year SAIDI	194.9	
11) Circuit 5 year average SAIFI	1.48	
12) Reporting year SAIFI	1.41	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/DR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Jamestown #30	
2) Substation location (County-road-town)	Jamestown area	
3) Circuit name and number	Jamestown Dock - 3005	
4) Circuit location (town-road-general area)	Hwy 92 to the dock	
5) Total Circuit Length (miles)	20.2	
6) Customer count for this circuit	535	
7) Date of last circuit trim (VM)	2009	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	wind trees lightning planned line fuse transformer bird squirrel	60 25 10 2 1 1 0.5 0.5
9) Circuit 5 year average SAIDI	61.9	
10) Reporting year SAIDI	180.4	
11) Circuit 5 year average SAIFI	0.79	
12) Reporting year SAIFI	0.89	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Wiborg #31	
2) Substation location (County-road-town)	Wiborg area	
3) Circuit name and number	Beulah Hts - 3104	
4) Circuit location (town-road-general area)	Beulah Hts Road	
5) Total Circuit Length (miles)	66.5	
6) Customer count for this circuit	761	
7) Date of last circuit trim (VM)	2011	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	55
	unknown	20
	broke pole	15
	lightning	7
	wind	1
	line fuse	1
	transformer	0.5
	trans fuse	0.5
9) Circuit 5 year average SAIDI	419.4	
10) Reporting year SAIDI	650.4	
11) Circuit 5 year average SAIFI	3.56	
12) Reporting year SAIFI	3.51	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Nelson Valley #32	
2) Substation location (County-road-town)	Nelson Valley road area	
3) Circuit name and number	Stilesville Road - 3202	
4) Circuit location (town-road-general area)	Stilesville Road	
5) Total Circuit Length (miles)	49.1	
6) Customer count for this circuit	661	
7) Date of last circuit trim (VM)	2011	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	92
	line fuse	5
	planned	1
	trans fuse	0.5
	squirrel	0.5
	unknown	0.5
	bird	0.5
9) Circuit 5 year average SAIDI	133.7	
10) Reporting year SAIDI	116	
11) Circuit 5 year average SAIFI	1.4	
12) Reporting year SAIFI	1.6	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Nelson Valley #32	
2) Substation location (County-road-town)	Nelson Valley Road	
3) Circuit name and number	Eagles Nest - 3204	
4) Circuit location (town-road-general area)	Eagles Nest CC	
5) Total Circuit Length (miles)	14.9	
6) Customer count for this circuit	350	
7) Date of last circuit trim (VM)	2011	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	line down squirrel unknown trees trans fuse line fuse lightning	80 7 6 4 1 1 1
9) Circuit 5 year average SAIDI	56.3	
10) Reporting year SAIDI	96.3	
11) Circuit 5 year average SAIFI	0.67	
12) Reporting year SAIFI	1.3	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Nelson Valley #32	
2) Substation location (County-road-town)	Nelson Valley Road	
3) Circuit name and number	Rainbow Terrace - 3205	
4) Circuit location (town-road-general area)	Rainbow Terrace Trailer Park	
5) Total Circuit Length (miles)	13.8	
6) Customer count for this circuit	326	
7) Date of last circuit trim (VM)	2011	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	line fuse	50
	trees	30
	line down	19
	squirrel	1
9) Circuit 5 year average SAIDI	21.4	
10) Reporting year SAIDI	18.9	
11) Circuit 5 year average SAIFI	0.3	
12) Reporting year SAIFI	0.4	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/DR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Zollicoffer #33	
2) Substation location (County-road-town)	Zollicoffer Road	
3) Circuit name and number	North to Nancy - 3303	
4) Circuit location (town-road-general area)	North Hwy 235 to Nancy	
5) Total Circuit Length (mlles)	33.6	
6) Customer count for this circuit	578	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	broke pole line fuse lightning bird planned trees	92 5 1 1 0.5 0.5
9) Circuit 5 year average SAIDI	81.9	
10) Reporting year SAIDI	118.4	
11) Circuit 5 year average SAIFI	0.7	
12) Reporting year SAIFI	1.13	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Zollicoffer #33	
2) Substation location (County-road-town)	Zollicoffer Road area	
3) Circuit name and number	John Andy Meece - 3304	
4) Circuit location (town-road-general area)	John Andy Meece subd	
5) Total Circuit Length (miles)	44.6	
6) Customer count for this circuit	600	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	45
	broke pole	25
	lightning	10
	line fuse	8
	line down	8
	planned	3
	bird	0.5
	transformer	0.5
9) Circuit 5 year average SAIDI	191.2	
10) Reporting year SAIDI	252.9	
11) Circuit 5 year average SAIFI	1.6	
12) Reporting year SAIFI	2.5	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Gap of the Ridge #34	
2) Substation location (County-road-town)	Gap on Hwy 90	
3) Circuit name and number	Conley Bottom - 3402	
4) Circuit location (town-road-general area)	Conley Bottom Resort	
5) Total Circuit Length (miles)	40.2	
6) Customer count for this circuit	878	
7) Date of last circuit trim (VM)	2013	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	85
	lightning	7
	planned	2
	unknown	2
	line fuse	1
	trans fuse	1
	transformer	0.5
	broke pole	0.5
	car hit pole	0.5
	bird	0.5
9) Circuit 5 year average SAIDI	201.9	
10) Reporting year SAIDI	273	
11) Circuit 5 year average SAIFI	2.4	
12) Reporting year SAIFI	2.1	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Upchurch #35
2) Substation location (County-road-town)	Upchurch area
3) Circuit name and number	Clinton Co Industrial Park - 3502
4) Circuit location (town-road-general area)	CC Industrial Park
5) Total Circuit Length (miles)	70.4
6) Customer count for this circuit	857
7) Date of last circuit trim (VM)	2008
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees 78 line down 10 line fuse 6 squirrel 2 trans fuse 1 transformer 1 unknown 0.5 lightning 0.5 bird 0.5 wind 0.5
9) Circuit 5 year average SAIDI	246.5
10) Reporting year SAIDI	68.4
11) Circuit 5 year average SAIFI	1.5
12) Reporting year SAIFI	1.9
13) List of correction action, If any, taken or to be taken	

Trimming in 2014.

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Upchurch #35	
2) Substation location (County-road-town)	Upchurch area	
3) Circuit name and number	Grider Hill Dock - 3504	
4) Circuit location (town-road-general area)	Grider Hill Dock	
5) Total Circuit Length (miles)	82.5	
6) Customer count for this circuit	1058	
7) Date of last circuit trim (VM)	2013	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	66
	planned	29
	line fuse	2
	bird	1
	squirrel	0.5
	trans fuse	0.5
	wind	0.5
	transformer	0.5
9) Circuit 5 year average SAIDI	120	
10) Reporting year SAIDI	106.8	
11) Circuit 5 year average SAIFI	1.7	
12) Reporting year SAIFI	2.2	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Webbs X-rds #36	
2) Substation location (County-road-town)	Webbs X-rds area	
3) Circuit name and number	Decatur - 3601	
4) Circuit location (town-road-general area)	N. Hwy 127	
5) Total Circuit Length (miles)	25.2	
6) Customer count for this circuit	284	
7) Date of last circuit trim (VM)	2014	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	planned trees lightning squirrel unknown other animal bird	90 7 1 0.5 0.5 0.5 0.5
9) Circuit 5 year average SAIDI	50	
10) Reporting year SAIDI	63.5	
11) Circuit 5 year average SAIFI	0.6	
12) Reporting year SAIFI	0.96	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG (excluding MED)

1) Substation name and number	Webbs X-rds #36	
2) Substation location (County-road-town)	Webbs X-rds area	
3) Circuit name and number	Owenstown Sch Rd - 3603	
4) Circuit location (town-road-general area)	Owenstown Sch Road	
5) Total Circuit Length (miles)	25.8	
6) Customer count for this circuit	577	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	planned	75
	lightning	20
	trans fuse	2
	trees	2
	unknown	0.5
	squirrel	0.5
9) Circuit 5 year average SAIDI	89.9	
10) Reporting year SAIDI	247.1	
11) Circuit 5 year average SAIFI	1.54	
12) Reporting year SAIFI	2.3	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Webbs X-rds #36	
2) Substation location (County-road-town)	Webbs X-rds area	
3) Circuit name and number	Humble - 3604	
4) Circuit location (town-road-general area)	Humble area	
5) Total Circuit Length (miles)	13.2	
6) Customer count for this circuit	288	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	40
	lightning	30
	line fuse	15
	bird	15
9) Circuit 5 year average SAIDI	89.9	
10) Reporting year SAIDI	247.2	
11) Circuit 5 year average SAIFI	1.5	
12) Reporting year SAIFI	2.3	
13) List of correction action, If any, taken or to be taken		

South Kentucky RECC**SECTION 5: CIRCUIT REPORTING****CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Woodstock #37	
2) Substation location (County-road-town)	Woodstock area	
3) Circuit name and number	Ocala Rd. - 3702	
4) Circuit location (town-road-general area)	Ocala Road area	
5) Total Circuit Length (miles)	45.3	
6) Customer count for this circuit	526	
7) Date of last circuit trim (VM)	2013	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	line down trees planned lightning trans fuse transformer squirrel	65 25 4 3 1 1 1
9) Circuit 5 year average SAIDI	151.3	
10) Reporting year SAIDI	598.2	
11) Circuit 5 year average SAIFI	1.94	
12) Reporting year SAIFI	6.5	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG (excluding MED)

1) Substation name and number	Homestead #38	
2) Substation location (County-road-town)	Monticello City	
3) Circuit name and number	Michigan Ave - 3802	
4) Circuit location (town-road-general area)	Michigan Ave	
5) Total Circuit Length (miles)	18.1	
6) Customer count for this circuit	1195	
7) Date of last circuit trim (VM)	2013	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	line down	70
	trees	20
	lightning	3
	line fuse	2
	trans fuse	2
	car hit pole	1
	squirrel	1
	transformer	1
9) Circuit 5 year average SAIDI	143.6	
10) Reporting year SAIDI	155.2	
11) Circuit 5 year average SAIFI	2.5	
12) Reporting year SAIFI	0.5	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Homestead #38	
2) Substation location (County-road-town)	Monticello City	
3) Circuit name and number	Old N. Hwy 90 - 3803	
4) Circuit location (town-road-general area)	old N. Hwy 90	
5) Total Circuit Length (miles)	12.4	
6) Customer count for this circuit	414	
7) Date of last circuit trim (VM)	2013	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	92
	unknown	6
	trans fuse	2
9) Circuit 5 year average SAIDI	38.9	
10) Reporting year SAIDI	34.9	
11) Circuit 5 year average SAIFI	1	
12) Reporting year SAIFI	1.2	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Homestead #38	
2) Substation location (County-road-town)	Monticello City	
3) Circuit name and number	Columbia Ave - 3805	
4) Circuit location (town-road-general area)	Columbia Ave	
5) Total Circuit Length (miles)	18.1	
6) Customer count for this circuit	1195	
7) Date of last circuit trim (VM)	2013	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	80
	bird	8
	lightning	5
	line fuse	4
	planned	1
	wind	0.5
	transformer	0.5
	trans fuse	0.5
	squirrel	0.5
9) Circuit 5 year average SAIDI	175.6	
10) Reporting year SAIDI	242.4	
11) Circuit 5 year average SAIFI	3.29	
12) Reporting year SAIFI	7.68	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Jabez #39	
2) Substation location (County-road-town)	Jabez area	
3) Circuit name and number	4-H camp - 3902	
4) Circuit location (town-road-general area)	4-H camp area	
5) Total Circuit Length (miles)	24.8	
6) Customer count for this circuit	261	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	65
	lightning	25
	wind	7
	planned	2
	line fuse	1
9) Circuit 5 year average SAIDI	64.3	
10) Reporting year SAIDI	65.3	
11) Circuit 5 year average SAIFI	1	
12) Reporting year SAIFI	0.3	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Jabez #39	
2) Substation location (County-road-town)	Jabez area	
3) Circuit name and number	Cherokee - 3903	
4) Circuit location (town-road-general area)	Cherokee area	
5) Total Circuit Length (miles)	35.4	
6) Customer count for this circuit	602	
7) Date of last circuit trim (VM)	2010	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	45
	lightning	35
	wind	15
	planned	1
	line down	1
	line fuse	1
	trans fuse	1
	transformer	1
9) Circuit 5 year average SAIDI	436.6	
10) Reporting year SAIDI	1313.6	
11) Circuit 5 year average SAIFI	3.3	
12) Reporting year SAIFI	8.44	
13) List of correction action, if any, taken or to be taken		

A visual inspection will be performed in 2014.

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Gregory Road #40	
2) Substation location (County-road-town)	Gregory area	
3) Circuit name and number	Eik Ridge - 4004	
4) Circuit location (town-road-general area)	Hwy 769	
5) Total Circuit Length (miles)	20.3	
6) Customer count for this circuit	293	
7) Date of last circuit trim (VM)	2013	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	90
	planned	7
	trans fuse	1
	transformer	0.5
	bird	0.5
	squirrel	0.5
	line down	0.5
9) Circuit 5 year average SAIDI	164.6	
10) Reporting year SAIDI	226	
11) Circuit 5 year average SAIFI	1.5	
12) Reporting year SAIFI	2.1	
13) List of correction action, if any, taken or to be taken		

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

**CIRCUITS with SAIDI AND/OR SAIFI EXCEEDING 5-year AVG
(excluding MED)**

1) Substation name and number	Gregory Road #40	
2) Substation location (County-road-town)	Gregory area	
3) Circuit name and number	Delta - 4005	
4) Circuit location (town-road-general area)	Delta area	
5) Total Circuit Length (miles)	81.1	
6) Customer count for this circuit	486	
7) Date of last circuit trim (VM)	2013	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	trees	90
	line fuse	8
	line down	1
	trans fuse	0.5
	bird	0.5
9) Circuit 5 year average SAIDI	136.6	
10) Reporting year SAIDI	288.2	
11) Circuit 5 year average SAIFI	1.03	
12) Reporting year SAIFI	2.12	
13) List of correction action, If any, taken or to be taken		