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APR 16 2018

PUBLIC SERVICE
COMMISSION

April 11, 2018

Gwen R. Pinson
Executive Director
Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40602

RE: Case No. 2011-00450

Dear Ms. Pinson:

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

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads 'Kevin Newton'. The signature is fluid and cursive, with the first name 'Kevin' being larger and more prominent than the last name 'Newton'.

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

KN:jcg

Enclosures

KENTUCKY PUBLIC SERVICE COMMISSION

Electric Distribution Utility Annual Reliability Report

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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	2017
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SECTION 3: MAJOR EVENT DAYS

T_{MED}	30.87 minutes per consumer
FIRST DATE USED TO DETERMINE T_{MED}	1-Jan-13
LAST DATE USED TO DETERMINE T_{MED}	31-Dec-17
NUMBER OF MED IN REPORT YEAR	0

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

SECTION 4: SYSTEM RELIABILITY INFORMATION AND RESULTS

SYSTEM-WIDE INFORMATION

TOTAL CUSTOMERS	<u>68438</u>	TOTAL CIRCUITS	<u>143</u>
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Excluding MED

5-YEAR AVERAGE		REPORTING YEAR	
SAIDI	<u>182.93</u>	SAIDI	<u>219.19</u>
SAIFI	<u>1.75</u>	SAIFI	<u>1.18</u>

Including MED

5-YEAR AVERAGE		REPORTING YEAR	
SAIDI	<u>258.95</u>	SAIDI	<u>219.19</u>
SAIFI	<u>1.91</u>	SAIFI	<u>1.18</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 May of each year
- 3) Reports cover the calendar year ending in the December before the reports are due.
- 4) IEEE 1366 (latest version) is used to define SAIDI, SAIFI, 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 2017 VMP

Introduction:

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

Bushhogging:

In 2017 the cooperative did not perform bush hogging.

Herbicidal Spraying:

For the year of 2017 we accomplished all of the herbicide spraying that was planned for. This was approximately 592 miles of spraying.

Cycle Trimming:

For the standard trimming cycle work the cooperative planned to trim 14 circuits for the year. We completed those circuits or approximately 788 miles of this work.

Other Trimming and Cutting:

In 2017 we built to approximately 991 new members, and this amounted to approximately 47 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 1,958 individual work-orders for trimming and other 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.

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Conclusions:

At the end of 2017 we were 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 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 co-ops.

We had 40 feeders that had SAIDI or SAIFI values over their 5 year average in 2017. This represents about 25% of our feeders, which is less than we typically have flagged compared to the average. We would expect about half of the feeders to be over this value in any given year. We have identified 14 feeders that will receive an extra look for right of way issues, etc. We found several trees that needed trimming etc. during last years inspections, and all issues were taken care of in 2017.

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)	North 127 from Hwy 80	
5)	Total Circuit Length (miles)	7	
6)	Customer count for this circuit	162	
7)	Date of last circuit trim (VM)	2010	
8)	List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause Other Animal Trees Lightning Car Hit Pole SOURCE Defective Equip Transformer Customer Wiring Squirrel Bird Major Storm Line Down Transf Fuse Blown 1% Line Fuse Broke Pole 94% Wind Load Planned 5%	
9)	Circuit 5 year average SAIDI	53.25	
10)	Reporting year SAIDI	182.23	
11)	Circuit 5 year average SAIFI	0.25	
12)	Reporting year SAIFI	0.9	
13)	List of correction action, if any, taken or to be taken		
	This circuit will be visually inspected.		

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 north from sub
5) Total Circuit Length (miles)	60
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	Unknown Cause Other Animal Trees 89% Lightning Car Hit Pole SOURCE Defective Equip Transformer Customer Wiring Squirrel Bird Major Storm Line Down Transf Fuse Blown 1% Line Fuse Broke Pole 2% Wind Load Planned 8%
9) Circuit 5 year average SAIDI	113.02
10) Reporting year SAIDI	150.13
11) Circuit 5 year average SAIFI	1.68
12) Reporting year SAIFI	2.57
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 area	
5) Total Circuit Length (miles)	64	
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	Unknown Cause	
	Other Animal	1%
	Trees	93%
	Lightning	
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	1%
	Customer Wiring	
	Squirrel	1%
	Bird	1%
	Major Storm	
	Line Down	
	Transf Fuse Blown	1%
	Line Fuse	2%
	Broke Pole	
	Wind	
	Load	
	Planned	
9) Circuit 5 year average SAIDI	224.53	
10) Reporting year SAIDI	250.38	
11) Circuit 5 year average SAIFI	1.86	
12) Reporting year SAIFI	2.36	
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	To Windsor Post Office - 0204
4) Circuit location (town-road-general area)	E80 toward Russell Springs
5) Total Circuit Length (miles)	17
6) Customer count for this circuit	204
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	Unknown Cause Other Animal Trees 9% Lightning Car Hit Pole 90% SOURCE Defective Equip Transformer Customer Wiring Squirrel 1% Bird Major Storm Line Down Transf Fuse Blown Line Fuse Broke Pole Wind Load Planned
9) Circuit 5 year average SAIDI	182.78
10) Reporting year SAIDI	351.64
11) Circuit 5 year average SAIFI	1.33
12) Reporting year SAIFI	2.1
13) List of correction action, if any, taken or to be taken	
	This circuit will be visually inspected.

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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	Naomi- 0301	
4)	Circuit location (town-road-general area)	Naomi area	
5)	Total Circuit Length (miles)	63	
6)	Customer count for this circuit	830	
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	Unknown Cause	
		Other Animal	
		Trees	25%
		Lightning	
		Car Hit Pole	
		SOURCE	22%
		Defective Equip	
		Transformer	2%
		Customer Wiring	
		Squirrel	10%
		Bird	
		Major Storm	
		Line Down	
		Transf Fuse Blown	
		Line Fuse	
		Broke Pole	35%
		Wind	
		Load	
		Planned	6%
9)	Circuit 5 year average SAIDI	271.23	
10)	Reporting year SAIDI	825.24	
11)	Circuit 5 year average SAIFI	3.13	
12)	Reporting year SAIFI	9.27	
13)	List of correction action, if any, taken or to be taken		
	This circuit will be visually inspected.		

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	Faubush - 0302	
4) Circuit location (town-road-general area)	Faubush community	
5) Total Circuit Length (miles)	26	
6) Customer count for this circuit	243	
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	Unknown Cause	
	Other Animal	
	Trees	1%
	Lightning	
	Car Hit Pole	
	SOURCE	15%
	Defective Equip	
	Transformer	1%
	Customer Wiring	
	Squirrel	
	Bird	1%
	Major Storm	
	Line Down	
	Transf Fuse Blown	1%
	Line Fuse	1%
	Broke Pole	80%
	Wind	
	Load	
	Planned	
9) Circuit 5 year average SAIDI	204.17	
10) Reporting year SAIDI	308.87	
11) Circuit 5 year average SAIFI	2.49	
12) Reporting year SAIFI	3.13	
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	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	
6) Customer count for this circuit	546	
7) Date of last circuit trim (VM)	2016	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause	
	Other Animal	
	Trees	20%
	Lightning	1%
	Car Hit Pole	
	SOURCE	70%
	Defective Equip	
	Transformer	1%
	Customer Wiring	
	Squirrel	1%
	Bird	
	Major Storm	
	Line Down	
	Transf Fuse Blown	1%
	Line Fuse	3%
	Broke Pole	
	Wind	
	Load	
	Planned	3%
9) Circuit 5 year average SAIDI	369.46	
10) Reporting year SAIDI	162.97	
11) Circuit 5 year average SAIFI	2.62	
12) Reporting year SAIFI	2.89	
13) List of correction action, if any, taken or to be taken		

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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	Lanetown/Piney Grove - 0304	
4) Circuit location (town-road-general area)	Piney Grove Road area	
5) Total Circuit Length (miles)	38	
6) Customer count for this circuit	544	
7) Date of last circuit trim (VM)	2016	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause	
	Other Animal	
	Trees	12%
	Lightning	
	Car Hit Pole	
	SOURCE	80%
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	1%
	Bird	1%
	Major Storm	
	Line Down	
	Transf Fuse Blown	1%
	Line Fuse	1%
	Broke Pole	
	Wind	
	Load	
	Planned	4%
9) Circuit 5 year average SAIDI	79.99	
10) Reporting year SAIDI	227.01	
11) Circuit 5 year average SAIFI	1.35	
12) Reporting year SAIFI	3.45	
13) List of correction action, if any, taken or to be taken		
	This circuit will be visually inspected.	

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SECTION 5: CIRCUIT REPORTING

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

1) Substation name and number	Somerset #5	
2) Substation location (County-road-town)	Somerset Bypass	
3) Circuit name and number	Boat Dock Rd-0503	
4) Circuit location (town-road-general area)	Bypass to Boat Dock Rd.	
5) Total Circuit Length (miles)	14	
6) Customer count for this circuit	626	
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 Cause	
	Other Animal	
	Trees	98%
	Lightning	
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	
	Bird	
	Major Storm	
	Line Down	1%
	Transf Fuse Blown	
	Line Fuse	1%
	Broke Pole	
	Wind	
	Load	
	Planned	
9) Circuit 5 year average SAIDI	274.66	
10) Reporting year SAIDI	886.02	
11) Circuit 5 year average SAIFI	1.28	
12) Reporting year SAIFI	3.23	
13) List of correction action, if any, taken or to be taken		
	This circuit will be visually inspected.	

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

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

1) Substation name and number	Somerset #5	
2) Substation location (County-road-town)	Somerset Bypass	
3) Circuit name and number	Southern Hills - 0504	
4) Circuit location (town-road-general area)	Parkers Mill Road area	
5) Total Circuit Length (miles)	10	
6) Customer count for this circuit	458	
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 Cause	
	Other Animal	
	Trees	91%
	Lightning	
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	
	Bird	1%
	Major Storm	
	Line Down	
	Transf Fuse Blown	
	Line Fuse	1%
	Broke Pole	
	Wind	
	Load	
	Planned	7%
9) Circuit 5 year average SAIDI	33.44	
10) Reporting year SAIDI	64.82	
11) Circuit 5 year average SAIFI	0.52	
12) Reporting year SAIFI	0.63	
13) List of correction action, if any, taken or to be taken		

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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 Hwy 80	
3) Circuit name and number	Sugar Hill- 0603	
4) Circuit location (town-road-general area)	Hwy 80 East to Sugar Hill	
5) Total Circuit Length (miles)	27	
6) Customer count for this circuit	485	
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	Unknown Cause	12%
	Other Animal	
	Trees	50%
	Lightning	1%
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	1%
	Bird	3%
	Major Storm	
	Line Down	
	Transf Fuse Blown	2%
	Line Fuse	10%
	Broke Pole	15%
	Wind	
	Load	
	Planned	6%
9) Circuit 5 year average SAIDI	41.14	
10) Reporting year SAIDI	45.84	
11) Circuit 5 year average SAIFI	0.52	
12) Reporting year SAIFI	0.44	
13) List of correction action, if any, taken or to be taken		

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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	Stab - 0701	
4)	Circuit location (town-road-general area)	E Hwy 80	
5)	Total Circuit Length (miles)	116	
6)	Customer count for this circuit	887	
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	Unknown Cause Other Animal Trees Lightning Car Hit Pole SOURCE Defective Equip Transformer Customer Wiring Squirrel Bird Major Storm Line Down Transf Fuse Blown Line Fuse Broke Pole Wind Load Planned	92% 4% 1% 1% 2%
9)	Circuit 5 year average SAIDI	308.18	
10)	Reporting year SAIDI	203.25	
11)	Circuit 5 year average SAIFI	2.02	
12)	Reporting year SAIFI	2.19	
13)	List of correction action, if any, taken or to be taken		

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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	Barnesburg- 0703	
4) Circuit location (town-road-general area)	Barnesburg	
5) Total Circuit Length (miles)	45	
6) Customer count for this circuit	560	
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	Unknown Cause	
	Other Animal	
	Trees	80%
	Lightning	
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	
	Bird	
	Major Storm	
	Line Down	14%
	Transf Fuse Blown	
	Line Fuse	6%
	Broke Pole	
	Wind	
	Load	
	Planned	
9) Circuit 5 year average SAIDI	36.43	
10) Reporting year SAIDI	76.44	
11) Circuit 5 year average SAIFI	0.32	
12) Reporting year SAIFI	0.55	
13) List of correction action, if any, taken or to be taken		

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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 1247- 0903	
4)	Circuit location (town-road-general area)	N. Hwy 1247	
5)	Total Circuit Length (miles)	61	
6)	Customer count for this circuit	611	
7)	Date of last circuit trim (VM)	2017	
8)	List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause Other Animal Trees Lightning Car Hit Pole SOURCE Defective Equip Transformer Customer Wiring Squirrel Bird Major Storm Line Down Transf Fuse Blown Line Fuse Broke Pole Wind Load Planned	54% 10% 10% 20% 5% 1%
9)	Circuit 5 year average SAIDI	104.94	
10)	Reporting year SAIDI	150.63	
11)	Circuit 5 year average SAIFI	1.37	
12)	Reporting year SAIFI	1.6	
13)	List of correction action, if any, taken or to be taken		

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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. Hwy 27 - 0904	
4) Circuit location (town-road-general area)	S Hwy 27 from sub	
5) Total Circuit Length (miles)	6.33	
6) Customer count for this circuit	118	
7) Date of last circuit trim (VM)	2015	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause Other Animal Trees Lightning Car Hit Pole SOURCE Defective Equip Transformer Customer Wiring Squirrel Bird Major Storm Line Down Transf Fuse Blown Line Fuse Broke Pole Wind Load Planned	100%
9) Circuit 5 year average SAIDI	40.11	
10) Reporting year SAIDI	127.93	
11) Circuit 5 year average SAIFI	0.52	
12) Reporting year SAIFI	0.98	
13) List of correction action, if any, taken or to be taken	This circuit will be visually inspected.	

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

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

1) Substation name and number	North Albany #10	
2) Substation location (County-road-town)	Albany	
3) Circuit name and number	Burkesville- 1003	
4) Circuit location (town-road-general area)	Burkesville Road	
5) Total Circuit Length (miles)	20	
6) Customer count for this circuit	329	
7) Date of last circuit trim (VM)	2016	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause	
	Other Animal	
	Trees	50%
	Lightning	
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	
	Bird	45%
	Major Storm	
	Line Down	
	Transf Fuse Blown	5%
	Line Fuse	
	Broke Pole	
	Wind	
	Load	
	Planned	
9) Circuit 5 year average SAIDI	38.97	
10) Reporting year SAIDI	86.49	
11) Circuit 5 year average SAIFI	0.81	
12) Reporting year SAIFI	2.28	
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	North Albany #10	
2) Substation location (County-road-town)	Albany	
3) Circuit name and number	Clinton Co HS- 1004	
4) Circuit location (town-road-general area)	Hwy 127 near HS	
5) Total Circuit Length (miles)	3	
6) Customer count for this circuit	36	
7) Date of last circuit trim (VM)	2015	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause Other Animal Trees Lightning Car Hit Pole SOURCE Defective Equip Transformer Customer Wiring Squirrel Bird Major Storm Line Down Transf Fuse Blown Line Fuse Broke Pole Wind Load Planned	100%
9) Circuit 5 year average SAIDI	105.25	
10) Reporting year SAIDI	141.83	
11) Circuit 5 year average SAIFI	1.33	
12) Reporting year SAIFI	3.08	
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 Albany #11	
2) Substation location (County-road-town)	Albany	
3) Circuit name and number	Adams Dock- 1101	
4) Circuit location (town-road-general area)	Adams Dock Rd.	
5) Total Circuit Length (miles)	50	
6) Customer count for this circuit	947	
7) Date of last circuit trim (VM)	2016	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause	
	Other Animal	
	Trees	92%
	Lightning	
	Car Hit Pole	1%
	SOURCE	
	Defective Equip	
	Transformer	1%
	Customer Wiring	
	Squirrel	1%
	Bird	1%
	Major Storm	
	Line Down	
	Transf Fuse Blown	1%
	Line Fuse	1%
	Broke Pole	1%
	Wind	
	Load	
	Planned	1%
9) Circuit 5 year average SAIDI	146.29	
10) Reporting year SAIDI	391.83	
11) Circuit 5 year average SAIFI	1.4	
12) Reporting year SAIFI	0.87	
13) List of correction action, if any, taken or to be taken		
	This circuit will be visually inspected.	

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 Albany #11	
2) Substation location (County-road-town)	Albany	
3) Circuit name and number	Wisdom Dock- 1102	
4) Circuit location (town-road-general area)	Wisdom Dock Road	
5) Total Circuit Length (miles)	58	
6) Customer count for this circuit	755	
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 Cause	
	Other Animal	
	Trees	55%
	Lightning	
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	
	Bird	2%
	Major Storm	
	Line Down	
	Transf Fuse Blown	1%
	Line Fuse	2%
	Broke Pole	
	Wind	
	Load	
	Planned	40%
9) Circuit 5 year average SAIDI	144.99	
10) Reporting year SAIDI	237.15	
11) Circuit 5 year average SAIFI	1.66	
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	South Albany #11	
2)	Substation location (County-road-town)	Albany	
3)	Circuit name and number	Static- 1105	
4)	Circuit location (town-road-general area)	S 127 to Tennessee	
5)	Total Circuit Length (miles)	57	
6)	Customer count for this circuit	755	
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 Cause	
		Other Animal	
		Trees	39%
		Lightning	
		Car Hit Pole	20%
		SOURCE	
		Defective Equip	
		Transformer	1%
		Customer Wiring	
		Squirrel	2%
		Bird	3%
		Major Storm	
		Line Down	30%
		Transf Fuse Blown	
		Line Fuse	
		Broke Pole	5%
		Wind	
		Load	
		Planned	
9)	Circuit 5 year average SAIDI	19.23	
10)	Reporting year SAIDI	48.84	
11)	Circuit 5 year average SAIFI	0.21	
12)	Reporting year SAIFI	0.44	
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	Sewellton #12	
2)	Substation location (County-road-town)	Sewellton	
3)	Circuit name and number	Story Lane- 1201	
4)	Circuit location (town-road-general area)	N 127 to Story Lane	
5)	Total Circuit Length (miles)	21	
6)	Customer count for this circuit	207	
7)	Date of last circuit trim (VM)	2016	
8)	List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause Other Animal Trees Lightning Car Hit Pole SOURCE Defective Equip Transformer Customer Wiring Squirrel Bird Major Storm Line Down Transf Fuse Blown Line Fuse Broke Pole Wind Load Planned	75% 25%
9)	Circuit 5 year average SAIDI	65.95	
10)	Reporting year SAIDI	141.1	
11)	Circuit 5 year average SAIFI	0.82	
12)	Reporting year SAIFI	1.97	
13)	List of correction action, if any, taken or to be taken		
	This circuit will be visually inspected.		

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	Hwy 55- 1204	
4) Circuit location (town-road-general area)	Hwy 55 from sub	
5) Total Circuit Length (miles)	108	
6) Customer count for this circuit	915	
7) Date of last circuit trim (VM)	2016	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause	
	Other Animal	
	Trees	75%
	Lightning	
	Car Hit Pole	6%
	SOURCE	
	Defective Equip	
	Transformer	2%
	Customer Wiring	
	Squirrel	2%
	Bird	1%
	Major Storm	
	Line Down	
	Transf Fuse Blown	
	Line Fuse	
	Broke Pole	14%
	Wind	
	Load	
	Planned	
9) Circuit 5 year average SAIDI	325.72	
10) Reporting year SAIDI	827.28	
11) Circuit 5 year average SAIFI	2.76	
12) Reporting year SAIFI	4.01	
13) List of correction action, if any, taken or to be taken		
	This circuit will be visually inspected.	

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

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

1) Substation name and number	Zula #13	
2) Substation location (County-road-town)	Zula	
3) Circuit name and number	Powersburg - 1303	
4) Circuit location (town-road-general area)	To Powersburg area	
5) Total Circuit Length (miles)	86	
6) Customer count for this circuit	805	
7) Date of last circuit trim (VM)	2015	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause	
	Other Animal	
	Trees	51%
	Lightning	
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	1%
	Customer Wiring	
	Squirrel	12%
	Bird	
	Major Storm	
	Line Down	1%
	Transf Fuse Blown	1%
	Line Fuse	27%
	Broke Pole	
	Wind	4%
	Load	
	Planned	3%
9) Circuit 5 year average SAIDI	174.08	
10) Reporting year SAIDI	61.37	
11) Circuit 5 year average SAIFI	1.44	
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	Bronston #15	
2)	Substation location (County-road-town)	Bronston	
3)	Circuit name and number	Twin Rivers- 1502	
4)	Circuit location (town-road-general area)	Hwy 790 N	
5)	Total Circuit Length (miles)	27	
6)	Customer count for this circuit	773	
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	Unknown Cause	
		Other Animal	
		Trees	78%
		Lightning	8%
		Car Hit Pole	
		SOURCE	
		Defective Equip	
		Transformer	
		Customer Wiring	
		Squirrel	6%
		Bird	2%
		Major Storm	
		Line Down	
		Transf Fuse Blown	
		Line Fuse	
		Broke Pole	
		Wind	
		Load	
		Planned	6%
9)	Circuit 5 year average SAIDI	102.01	
10)	Reporting year SAIDI	104.09	
11)	Circuit 5 year average SAIFI	1.19	
12)	Reporting year SAIFI	0.67	
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)	Valley Oak Tech Park	
5)	Total Circuit Length (miles)	6.4	
6)	Customer count for this circuit	46	
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	Unknown Cause Other Animal Trees Lightning Car Hit Pole SOURCE Defective Equip Transformer Customer Wiring Squirrel Bird Major Storm Line Down Transf Fuse Blown Line Fuse Broke Pole Wind Load Planned	100%
9)	Circuit 5 year average SAIDI	50.84	
10)	Reporting year SAIDI	118.6	
11)	Circuit 5 year average SAIFI	0.74	
12)	Reporting year SAIFI	2.66	
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	W. Somerset #21	
2) Substation location (County-road-town)	Patterson Branch Rd.	
3) Circuit name and number	Oak Hill Schools- 2103	
4) Circuit location (town-road-general area)	Oak Hill area	
5) Total Circuit Length (miles)	14	
6) Customer count for this circuit	616	
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 Cause	
	Other Animal	
	Trees	5%
	Lightning	
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	
	Bird	
	Major Storm	
	Line Down	93%
	Transf Fuse Blown	
	Line Fuse	1%
	Broke Pole	
	Wind	
	Load	
	Planned	1%
9) Circuit 5 year average SAIDI	219.4	
10) Reporting year SAIDI	855.68	
11) Circuit 5 year average SAIFI	1.3	
12) Reporting year SAIFI	4.05	
13) List of correction action, if any, taken or to be taken		
	This circuit will be visually inspected.	

South Kentucky RECC

SECTION 5: CIRCUIT REPORTING

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

1)	Substation name and number	W. Somerset #21	
2)	Substation location (County-road-town)	Patterson Branch Rd.	
3)	Circuit name and number	Lee's Ford - 2104	
4)	Circuit location (town-road-general area)	W 80	
5)	Total Circuit Length (miles)	14.52	
6)	Customer count for this circuit	459	
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 Cause Other Animal Trees Lightning Car Hit Pole SOURCE Defective Equip Transformer Customer Wiring Squirrel Bird Major Storm Line Down Transf Fuse Blown Line Fuse Broke Pole Wind Load Planned	4% 35% 2% 4% 55%
9)	Circuit 5 year average SAIDI	115.67	
10)	Reporting year SAIDI	96.9	
11)	Circuit 5 year average SAIFI	1.31	
12)	Reporting year SAIFI	1.98	
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	To E Hwy 914-2301	
4)	Circuit location (town-road-general area)	To Maplewood	
5)	Total Circuit Length (miles)	16	
6)	Customer count for this circuit	335	
7)	Date of last circuit trim (VM)	2015	
8)	List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause Other Animal Trees Lightning Car Hit Pole SOURCE Defective Equip Transformer Customer Wiring Squirrel Bird Major Storm Line Down Transf Fuse Blown Line Fuse Broke Pole Wind Load Planned	83% 2% 1% 2% 10% 2%
9)	Circuit 5 year average SAIDI	83.92	
10)	Reporting year SAIDI	160.44	
11)	Circuit 5 year average SAIFI	1	
12)	Reporting year SAIFI	1.24	
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	Cabin Hollow #23	
2) Substation location (County-road-town)	Cabin Hollow area	
3) Circuit name and number	Rush Branch- 2302	
4) Circuit location (town-road-general area)	Rush Branch Rd.	
5) Total Circuit Length (miles)	60	
6) Customer count for this circuit	801	
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	Unknown Cause	1%
	Other Animal	
	Trees	80%
	Lightning	
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	
	Bird	
	Major Storm	
	Line Down	15%
	Transf Fuse Blown	
	Line Fuse	2%
	Broke Pole	
	Wind	1%
	Load	
	Planned	1%
9) Circuit 5 year average SAIDI	267.96	
10) Reporting year SAIDI	273.31	
11) Circuit 5 year average SAIFI	2.65	
12) Reporting year SAIFI	2.69	
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 Floyd #24	
2) Substation location (County-road-town)	Northern Pulaski Co	
3) Circuit name and number	To Circleville- 2403	
4) Circuit location (town-road-general area)	Circleville	
5) Total Circuit Length (miles)	29	
6) Customer count for this circuit	508	
7) Date of last circuit trim (VM)	2015	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause	
	Other Animal	
	Trees	65%
	Lightning	1%
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	
	Bird	
	Major Storm	
	Line Down	
	Transf Fuse Blown	2%
	Line Fuse	2%
	Broke Pole	5%
	Wind	
	Load	
	Planned	25%
9) Circuit 5 year average SAIDI	35.28	
10) Reporting year SAIDI	40.07	
11) Circuit 5 year average SAIFI	0.62	
12) Reporting year SAIFI	0.22	
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 Floyd #24	
2) Substation location (County-road-town)	Northern Pulaski Co	
3) Circuit name and number	To Buncombe- 2405	
4) Circuit location (town-road-general area)	Buncombe	
5) Total Circuit Length (miles)	45	
6) Customer count for this circuit	529	
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	Unknown Cause	
	Other Animal	
	Trees	
	Lightning	8%
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	
	Bird	2%
	Major Storm	
	Line Down	
	Transf Fuse Blown	
	Line Fuse	
	Broke Pole	
	Wind	
	Load	
	Planned	90%
9) Circuit 5 year average SAIDI	66.53	
10) Reporting year SAIDI	68.3	
11) Circuit 5 year average SAIFI	0.71	
12) Reporting year SAIFI	0.72	
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	Snow #26	
2) Substation location (County-road-town)	West of Albany	
3) Circuit name and number	Hwy 1590- 2604	
4) Circuit location (town-road-general area)	West from Chicken Plant	
5) Total Circuit Length (miles)	52	
6) Customer count for this circuit	600	
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	Unknown Cause	
	Other Animal	
	Trees	85%
	Lightning	1%
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	1%
	Bird	1%
	Major Storm	
	Line Down	
	Transf Fuse Blown	1%
	Line Fuse	
	Broke Pole	9%
	Wind	1%
	Load	
	Planned	1%
9) Circuit 5 year average SAIDI	83.86	
10) Reporting year SAIDI	248.59	
11) Circuit 5 year average SAIFI	0.71	
12) Reporting year SAIFI	0.97	
13) List of correction action, if any, taken or to be taken		
	This circuit will be visually inspected.	

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	Pleasant Hill- 3003
4) Circuit location (town-road-general area)	Pleasant Hill area
5) Total Circuit Length (miles)	56
6) Customer count for this circuit	807
7) Date of last circuit trim (VM)	2017
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause Other Animal Trees Lightning Car Hit Pole SOURCE Defective Equip Transformer Customer Wiring Squirrel Bird Major Storm Line Down Transf Fuse Blown Line Fuse Broke Pole Wind Load Planned
9) Circuit 5 year average SAIDI	108.93
10) Reporting year SAIDI	128.33
11) Circuit 5 year average SAIFI	1.25
12) Reporting year SAIFI	0.74
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	Greenwood- 3103	
4) Circuit location (town-road-general area)	N 27 from the sub	
5) Total Circuit Length (miles)	119	
6) Customer count for this circuit	1781	
7) Date of last circuit trim (VM)	2017	
8) List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause	
	Other Animal	
	Trees	63%
	Lightning	7%
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	
	Bird	
	Major Storm	
	Line Down	20%
	Transf Fuse Blown	
	Line Fuse	3%
	Broke Pole	5%
	Wind	1%
	Load	
	Planned	1%
9) Circuit 5 year average SAIDI	976.94	
10) Reporting year SAIDI	1668.11	
11) Circuit 5 year average SAIFI	5.98	
12) Reporting year SAIFI	7.25	
13) List of correction action, if any, taken or to be taken		
	This circuit was trimmed in 2017.	

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	Stilesville Road- 3202	
4)	Circuit location (town-road-general area)	Stilesville Rd/Hwy 39	
5)	Total Circuit Length (miles)	15	
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	Unknown Cause	
		Other Animal	
		Trees	7%
		Lightning	1%
		Car Hit Pole	89%
		SOURCE	
		Defective Equip	
		Transformer	
		Customer Wiring	
		Squirrel	1%
		Bird	
		Major Storm	
		Line Down	
		Transf Fuse Blown	
		Line Fuse	1%
		Broke Pole	
		Wind	
		Load	
		Planned	1%
9)	Circuit 5 year average SAIDI	135.71	
10)	Reporting year SAIDI	189.39	
11)	Circuit 5 year average SAIFI	1.15	
12)	Reporting year SAIFI	1.22	
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	
3) Circuit name and number	N to Nancy- 3303	
4) Circuit location (town-road-general area)	N Hwy 235	
5) Total Circuit Length (miles)	34	
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	Unknown Cause	
	Other Animal	
	Trees	90%
	Lightning	
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	3%
	Bird	2%
	Major Storm	
	Line Down	
	Transf Fuse Blown	
	Line Fuse	
	Broke Pole	
	Wind	
	Load	
	Planned	5%
9) Circuit 5 year average SAIDI	66.32	
10) Reporting year SAIDI	72.67	
11) Circuit 5 year average SAIFI	0.75	
12) Reporting year SAIFI	1.01	
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	
3) Circuit name and number	John Andy Meece - 3304	
4) Circuit location (town-road-general area)	Hwy 235	
5) Total Circuit Length (miles)	45	
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	Unknown Cause Other Animal Trees Lightning Car Hit Pole SOURCE Defective Equip Transformer Customer Wiring Squirrel Bird Major Storm Line Down Transf Fuse Blown Line Fuse Broke Pole Wind Load Planned	75% 25%
9) Circuit 5 year average SAIDI	224.63	
10) Reporting year SAIDI	159.93	
11) Circuit 5 year average SAIFI	2.04	
12) Reporting year SAIFI	2.18	
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 127	
5) Total Circuit Length (miles)	28	
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	Unknown Cause	
	Other Animal	
	Trees	68%
	Lightning	
	Car Hit Pole	
	SOURCE	
	Defective Equip	
	Transformer	
	Customer Wiring	
	Squirrel	6%
	Bird	
	Major Storm	
	Line Down	3%
	Transf Fuse Blown	1%
	Line Fuse	
	Broke Pole	22%
	Wind	
	Load	
	Planned	
9) Circuit 5 year average SAIDI	108.63	
10) Reporting year SAIDI	102.86	
11) Circuit 5 year average SAIFI	0.7	
12) Reporting year SAIFI	0.84	
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	Hwy 167 - 3804	
4)	Circuit location (town-road-general area)	Hwy 167	
5)	Total Circuit Length (miles)	16	
6)	Customer count for this circuit	788	
7)	Date of last circuit trim (VM)	2016	
8)	List outage causes for circuit along with percentage of total outage numbers represented by each cause	Unknown Cause	
		Other Animal	
		Trees	64%
		Lightning	
		Car Hit Pole	
		SOURCE	
		Defective Equip	
		Transformer	
		Customer Wiring	
		Squirrel	23%
		Bird	
		Major Storm	
		Line Down	
		Transf Fuse Blown	1%
		Line Fuse	12%
		Broke Pole	
		Wind	
		Load	
		Planned	
9)	Circuit 5 year average SAIDI	125.63	
10)	Reporting year SAIDI	142.09	
11)	Circuit 5 year average SAIFI	2.14	
12)	Reporting year SAIFI	2.83	
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 Community | |
| 3) | Circuit name and number | 4H Camp- 3902 | |
| 4) | Circuit location (town-road-general area) | End of Hwy 196 | |
| 5) | Total Circuit Length (miles) | 26 | |
| 6) | Customer count for this circuit | 261 | |
| 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 | Unknown Cause
Other Animal
Trees
Lightning
Car Hit Pole
SOURCE
Defective Equip
Transformer
Customer Wiring
Squirrel
Bird
Major Storm
Line Down
Transf Fuse Blown
Line Fuse
Broke Pole
Wind
Load
Planned | 91%

1%
8% |
| 9) | Circuit 5 year average SAIDI | 130.46 | |
| 10) | Reporting year SAIDI | 430.62 | |
| 11) | Circuit 5 year average SAIFI | 0.81 | |
| 12) | Reporting year SAIFI | 1.18 | |
| 13) | List of correction action, if any, taken or to be taken | This circuit will be visually inspected. | |