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May 1, 2018

HAND DELIVERED

Gwen R. Pinson
Executive Director
Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602-0615

Mark R. Overstreet
(502) 209-1219
(502) 223-4387 FAX
moverstreet@stites.com

RE: Case No. 2011-00450

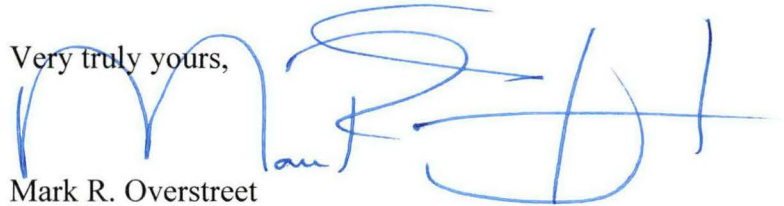
Dear Ms. Pinson:

Enclosed please find Kentucky Power Company's electronic and paper annual filings in accordance with the Commission's orders in the above matter.

Please do not hesitate to contact me if you have any questions

Very truly yours,

Mark R. Overstreet



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MAY 01 2018

PUBLIC SERVICE
COMMISSION

MRO

KENTUCKY PUBLIC SERVICE COMMISSION

Electric Distribution Utility Annual Reliability Report

SECTION 1: CONTACT INFORMATION

UTILITY NAME	Kentucky Power Company
REPORT PREPARED BY	Everett G. Phillips
E-MAIL ADDRESS OF PREPARER	egphillips@aep.com
PHONE NUMBER OF PREPARER	(606) 327-2610

SECTION 2: REPORT YEAR

CALENDAR YEAR OF REPORT 2017

SECTION 3: MAJOR EVENT DAYS

T_{MED}	<u>27.341</u>
FIRST DATE USED TO DETERMINE T_{MED}	<u>1-Jan-12</u>
LAST DATE USED TO DETERMINE T_{MED}	<u>31-Dec-16</u>
NUMBER OF MED IN REPORT YEAR	<u>3</u>

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

SECTION 4: SYSTEM RELIABILITY INFORMATION AND RESULTS

System Wide Information

Total Customers	<u>166,377</u>	Total Circuits	<u>222</u>
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Excluding MED

	5 Year Average	Reporting Year
SAIDI	<u>441.6</u>	<u>406.3</u>
SAIFI	<u>2.264</u>	<u>2.169</u>

Including MED

	5 Year Average	Reporting Year
SAIDI	<u>702.4</u>	<u>657.1</u>
SAIFI	<u>2.525</u>	<u>2.508</u>

Notes:

- 1) All duration indices (SAIDI) are to be reported in units of minutes.
- 2) Reports are due on the first business day of 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 and T_{MED}

KENTUCKY PUBLIC SERVICE COMMISSION

Electric Distribution Utility Annual Reliability Report

SECTION 5: CIRCUIT REPORTING

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

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAME AND NUMBER
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
3. CIRCUIT NAME AND NUMBER
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
5. TOTAL CIRCUIT LENGTH (MILES)
6. CUSTOMER COUNT FOR THIS CIRCUIT
7. DATE OF LAST CIRCUIT TRIM (VM)
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE
NUMBERS REPRESENTED BY EACH CAUSE
9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
10. REPORTING YEAR (SAIDI)
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
12. REPORTING YEAR (SAIFI)
13. CORRECTIVE ACTION PLAN

**REPEAT INFORMATION FOR EACH CIRCUIT EXCEEDING ITS 5 YEAR AVERAGE
FOR SAIDI AND/OR SAIFI**

Please see Attachment 1 for Section 5: Circuit Reporting

Note: Circuits sorted according to reporting year SAIDI

Electric Distribution Utility Annual Reliability Report

Additional pages may be attached as necessary

SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

KENTUCKY PUBLIC SERVICE COMMISSION

See attached copy of Kentucky Power Company 2018 Vegetation Management Report In conformity with Paragraph 8(d) of the Settlement Agreement, Appendix A to the Commission's June 22, 2015 order In Case No. 2014-00396.

SECTION 7: UTILITY COMMENTS

The Company continues to see positive results from its vegetation management program. Evidence suggests a more consistent positive reliability trend in the future. The 2017 Tree Inside of ROW SAIFI and SAIDI metric declined 58% and 57.7% respectively when compared to the average metrics for the period 2010-2016. Weather events now require more sustained and higher wind speeds to produce damage to the Company's facilities.

Excluding major events as defined by IEEE standard 1366, Kentucky Power's overall 2017 system performance for System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) were lower than the five-year averages. The 2017 SAIFI and SAIDI indices were 2.17 and 406.3 respectively. The five-year averages for the SAIFI and SAIDI indices were 2.26 and 441.6 respectively. The Company's 2017 total customer minutes of interruption was 67,597,596 compared to the five year average of 74,388,366.

The Company's 2017 total customer minutes of interruption including JMEDs declined from 109,325,135 compared to the five year average of 118,308,329.

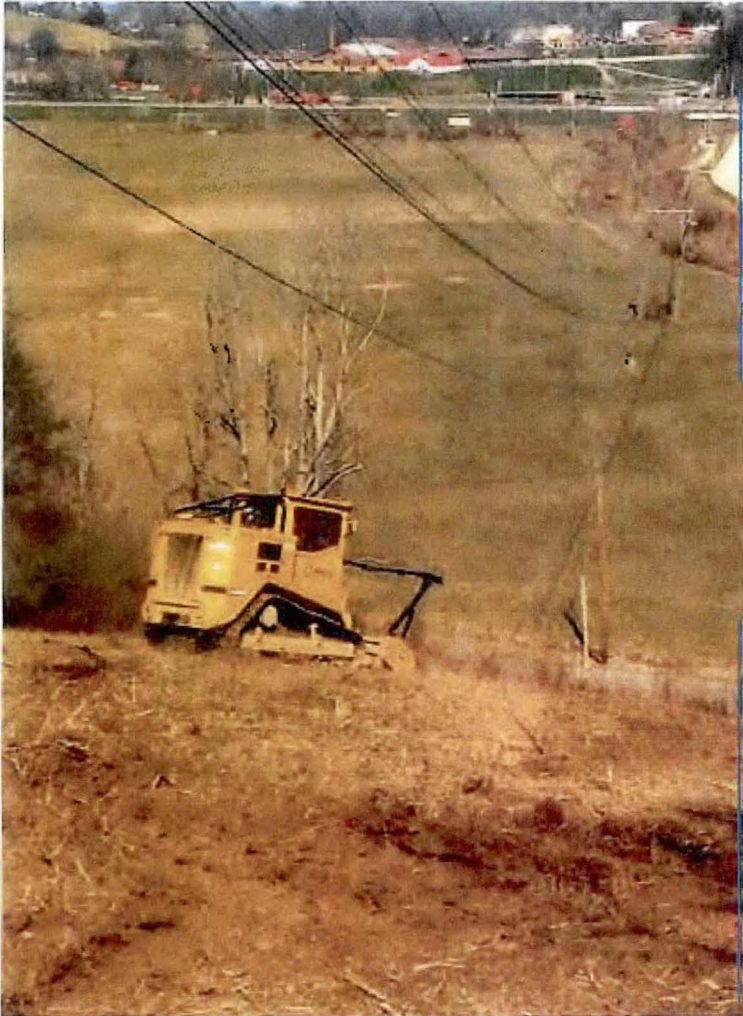
Kentucky Power Company remains committed to its reliability and vegetation management programs as part of its efforts to provide reliable service to its customers. For example the company has added station circuit breakers to split two large 34kV circuits in the Hazard District. The new circuits are the Haddix Troublesome Creek Circuit and the Beckham Pippa Passes Circuit. Neither of these new circuits were required to be included in the 2017 reliability report.

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

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APR 02 2018

PUBLIC SERVICE
COMMISSION



**Cannonsburg –
Cannonsburg
Circuit near Boyd
County High
School.**

**2018 Task 2 – Brush Re-
clear by mower**

The Ashland District began
in 2018 to use a mower to
re-clear brush within its
distribution rights-of-way.

2017 DISTRIBUTION VEGETATION MANAGEMENT
REPORT OF KENTUCKY POWER COMPANY

April 2, 2018

In accordance with the Public Service Commission's June 22, 2015 Order in Case No. 2014-00396, as modified by its January 18, 2018 Order in Case No. 2017-00179, Kentucky Power provides the following report regarding the operation of its 2017 Distribution Vegetation Management Program.

INTRODUCTION

Kentucky Power completed all Task 1 work on March 30, 2018.¹ Kentucky Power projects completing the remaining approximately 1,496 miles of Task 2 work remaining as of December 31, 2017 no later than December 31, 2018. Task 3 (maintenance cycle) work is scheduled to commence January 1, 2019.

Since the Vegetation Management Program began in July 2010, the annual number of Tree Inside Right-of-Way outages (excluding major event days) has been reduced by approximately 71% from 2,250 to 660. The annual number of customer minutes of interruption associated with these events has been reduced by approximately 67% from 12,280,664 to 4,098,559.

BACKGROUND

Kentucky Power filed its 2017 Distribution Vegetation Management Plan on September 27, 2016. The Company subsequently informed the Commission in connection with the filing on July 20, 2017 of its application² for a general adjustment of its rates that it planned to shift previously budgeted 2017 Task 2 spending to the more expensive Task 1 work in 2017. Doing so enabled Kentucky Power to accelerate the planned completion of almost all of the more costly

¹ Work on a single circuit in the Pikeville District remains to be completed pending a scheduled outage for other reasons on the circuit. The remaining vegetation management work on the single circuit will require a two-hour outage. To avoid unnecessarily inconveniencing customers on the circuit, the Company delayed the remaining vegetation management work on the circuit so that it could be performed in April 2018 at the time of a scheduled outage for other reasons. Absent the decision to delay the work so that it could be coordinated with the other scheduled outage, the Company would have completed the work in the Pikeville District on or before March 30, 2018.

² Application, *In the Matter of: Electronic Application Of Kentucky Power Company For (1) A General Adjustment Of Its Rates For Electric Service; (2) An Order Approving Its 2017 Environmental Compliance Plan; (3) An Order Approving Its Tariffs And Riders; (4) An Order Approving Accounting Practices To Establish Regulatory Assets Or Liabilities; And (5) An Order Granting All Other Required Approvals And Relief*, Case No. 2017-00179 (Ky. P.S.C. Filed July 20, 2017).

Task 1 work, and thus avoid the consequent need to fund that work through the base rates to be established effective January 19, 2018. Kentucky Power presented three modifications in the July 20, 2017 filing to its previously filed 2017 Vegetation Management work and funding plan:

➤ Kentucky Power planned to shift \$6.4 million from previously scheduled 2017 Task 2 work to 2017 Task 1 work. The Company thereby proposed to increase projected 2017 Task 1 spending by \$6,418,095 from \$17,237,965 to \$23,656,060. Projected 2017 Task 2 spending was reduced by a like amount from \$10,423,095 to \$4,005,000.

➤ The funding shift was projected to enable Kentucky Power to complete 1,334 miles (an increase of 183 miles from the 1,151 miles projected in the 2017 Vegetation Management Plan as initially filed in September 2016) of Task 1 work in 2017. The projection for Task 2 work to be completed in 2017 decreased from 788 miles to 313 miles as a result of the funding shift.

➤ The funding and activity shifts were projected to permit Kentucky Power to complete Task 1 work by the first quarter 2018, or nine months earlier than was projected in Case No. 2014-00396. Task 2 work was projected to be completed by December 31, 2018, or six months earlier than projected in Case No. 2014-00396. Under the revised 2017 plan, Task 3 (maintenance) work was scheduled to begin January 1, 2019 and maintain the Company's distribution system on a five-year cycle.

With these modifications, the Company proposed the following expenditure targets and work schedule:

With these modifications, Kentucky Power proposed reducing, effective January 19, 2018, the distribution Vegetation Management Plan O&M expense in the then-current base rates from \$27,661,060 to \$21,465,163. The Commission approved the Company's July 20, 2017 vegetation management proposal by its order dated January 18, 2018, including the approximate \$6.2 million reduction in the amount of vegetation management expensed included in base rates.³

2017 Expenditures and Rights-of-Way Work Performed

2017 Distribution Vegetation Management Expenditures

Total 2017 O&M expenditures for the Distribution Vegetation Management program were \$27,840,992. The 2017 total O&M expenditures exceeded the 2017 Plan expenditure target of \$27,661,060 (as modified by the July 20, 2017 filing) by \$179,932 (0.65%).

Task 1 O&M expenditures in 2017 were \$22,981,617. This expenditure level was 2.85 percent below the targeted level of \$23,656,060 (-\$674,443). The time required for planning the additional Task 1 circuit work, making required customer contacts, and shifting crews from Task 2 work to Task 1 work exceeded the Company's original estimate and thereby delayed the start of the accelerated Task 1 work. Notwithstanding this delay, Kentucky Power met its March 30, 2018 target for completing all Task 1 work.⁴

Task 2 O&M expenditures in 2017 were \$4,859,374 exceeded the July 20, 2017 revised target of \$4,005,000 by 21.3 percent (\$854,374). Task 2 work continued at higher than estimated levels while the Company planned for and transitioned to additional Task 1 work.

In 2017 Kentucky Power made Distribution Vegetation Management Plan Task 1 and Task 2 capital investments of \$3,789,067. Actual capital investments exceeded the targeted level

³ Order, *In the Matter of: Electronic Application Of Kentucky Power Company For (1) A General Adjustment Of Its Rates For Electric Service; (2) An Order Approving Its 2017 Environmental Compliance Plan; (3) An Order Approving Its Tariffs And Riders; (4) An Order Approving Accounting Practices To Establish Regulatory Assets Or Liabilities; And (5) An Order Granting All Other Required Approvals And Relief*, Case No. 2017-00179 (Ky. P.S.C. January 18, 2018).

⁴ See footnote 1.

of \$1,828,546 by \$1,960,521. The majority of the increased capital investments involved the removal of trees of diameter of 18 inches or greater from rights-of-way.

2017 Vegetation Management Mileage Cleared

Work associated with the 2017 Vegetation Management mileage cleared included trimming 97,816 trees, clearing 3,690 acres of brush, spraying 2,472 acres to control vegetation, and removing 312,231 trees. Spraying limits vegetation growth between cycles.

Table 3 below compares the 2017 work completed to the projections contained in its revised 2017 Plan:

Table 3: 2017 Work Plan		
Work/Task	Revised Plan	Work Completed
Task 1	1334	1262
Task 2	313	296
Acres Sprayed	3008	2472

Factors that contributed to the variations between projected work and work performed included:

- To accelerate the cost-effective completion of Task 1 work during 2017, and to retain trained crews, the Company transferred crews from the Hazard District (which had the least amount of Task 1 work (329 miles) remaining at the beginning of 2017) to the Ashland District (which had the greatest amount of Task 1 work (631 miles) remaining at the beginning of 2017). The transferred crews, which are required to work away from their assigned work station, are paid a per diem to remain in the Ashland District and thereby to improve their efficiency by avoiding the loss of daily travel time. This per diem led to higher costs (and thus less miles clear than projected) but permitted Kentucky Power, beginning January 19, 2018, to decrease by \$6,195,897 the amount of distribution vegetation management expense included in base rates.
- Additional expenses were incurred in connection with Task 2 work in part due to the removal of "overhang". Overhang is vegetation, principally tree limbs, that is outside the normal clearance zone, but that could fall into the conductor or poles in the event of storm. Removing overhang while the crews are on site performing Task 2 work

improves in a cost-effective manner the efficacy of the Company's vegetation management efforts, and hence should improve reliability.

- Kentucky Power is a party to mutual assistance agreements whereby other utilities send line and forestry crews to assist Kentucky Power with storm restoration efforts. Kentucky Power regularly has received the benefit of these storm restoration efforts in the past. In return, the Company may be called upon to provide storm restoration assistance to other parties to the mutual assistance agreement. The extraordinary 2017 storm season led to Kentucky Power sending crews to Maine, Florida, and Texas to assist with storm restoration efforts. Kentucky Power is reimbursed by the assisted utility for these efforts. Approximately one-third of the vegetation management crews were involved in providing mutual assistance for approximately eight to ten weeks in 2017. To remain on schedule to complete Task 1 work by March 30, 2018 and Task 2 work by December 31, 2018, Kentucky Power estimates that approximately 12 to 15 miles were cut at an overtime premium thereby reducing the amount of work that could be completed in 2017.

Notwithstanding these variations, Kentucky Power met its March 30, 2018 target for completing all Task 1 work.⁵

2017 Distribution Vegetation Management Work by District

Table 4 below details Company's 2017 District O&M expenditures by district. Expenses that cannot be assigned to a specific District were allocated based on each district's percentage of the total assigned costs.

Table 4: 2017 Details of District O&M Expenditures				
Nature of Expense	Ashland	Hazard	Pikeville	Kentucky Total
Task 1	\$9,442,260	\$4,350,884	\$8,699,110	\$22,492,254
Internal Labor Task 1	\$153,502	\$148,659	\$187,202	\$489,362
Subtotal Task 1	\$9,595,762	\$4,499,543	\$8,886,312	\$22,981,617
Task 2	\$1,394,236	\$2,602,867	\$711,361	\$4,708,464
Internal Labor Task 2	\$57,941	\$80,091	\$12,878	\$150,910
Subtotal Task 2	\$1,452,177	\$2,682,958	\$724,239	\$4,859,374
TOTAL	\$11,047,939	\$7,182,501	\$9,610,551	\$27,840,992

Table 5 below provides the 2017 Task 1 and Task 2 work performed by district and estimated work remaining as of December 31, 2017.

⁵ See footnote 1.

Work Task	Ashland	Hazard	Pikeville	Kentucky Total
Task 1	559.9	281	421.1	1262
Task 2	102.6	176.4	17.2	296.2
Total Re-Clear Miles	662.5	457.4	438.3	1558.2
Acres Sprayed	59.9	902	1510.5	2472.4
Remaining Task 1 Miles	72.7	60.7	82.1	215.5
Remaining Task 2 Miles	420.2	545.3	530.5	1496

Attachment 1 to this report details the Task 1 Vegetation Management work and expenditures by circuit. Attachment 2 similarly reports the 2017 Task 2 Vegetation Management work and expenditures by circuit. Both attachments provide the number of miles of circuit completed for each task, acres of brush cut, acres of brush sprayed, amount of tree growth regulator (soil injection) applied, number of trees removed, and number of trees trimmed.

Consistent with past filings, total O&M expenditures and capital investment is reported on circuit-by-circuit basis. Also, certain O&M expenditures, Internal Labor & Fleet, unscheduled hotspot maintenance, trouble restoration work, tree ticket investigation, auditor expenses, and tree contractor's field supervision, cannot be allocated on a circuit basis. For example, tree contractor's field supervision cannot be allocated because circuit-specific time sheets are not generated for the General Foreman when the crews are working on multiple circuits. These amounts, although reported as Task 1 work or Task 2 work, cannot be reported by circuit.

Status of Task 1 and Task 2 Work

Kentucky Power completed Task 1 work along its entire distribution system on March 30, 2018.⁶ The Company projects completing Task 2 on or before December 31, 2018, at which time the average years tree growth along its entire distribution system will be 5 years.

Measures of Improvement in System Reliability (SAIFL, CAIDI, SAIDI, and CMI)

Table 6 provides total system reliability indices for Kentucky Power's distribution system from 2010 (when the Vegetation Management Program began) through December 31, 2017.

⁶ See footnote 1.

Table 7 provides reliability indices limited to Tree Inside of Rights-of-Way outages for the same period.

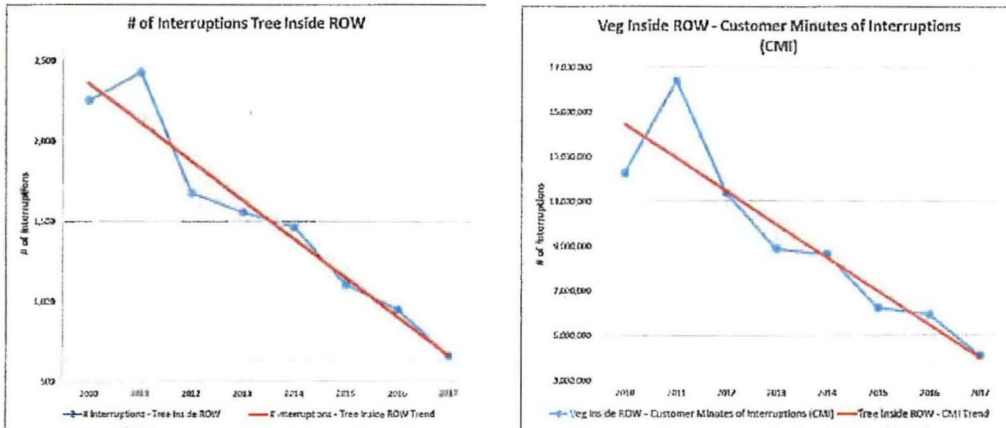
Table 6 and Table 7 include data relating to the System Average Interruption Frequency Index ("SAIFI"), the Customer Average Interruption Duration Index ("CAIDI"), and the System Average Interruption Duration Index ("SAIDI") for each reporting period. Excluded from the calculation of the indices are major events as defined by IEEE standard 1366.

Year	SAIFI	CAIDI	SAIDI
2010	2.470	169.4	418.4
2011	3.085	195.4	602.8
2012	2.417	189.5	458.0
2013	2.144	178.5	382.7
2014	2.373	212.9	505.3
2015	2.467	189.8	468.1
2016	2.167	205.7	445.8
2017	2.169	187.3	406.3

Year	Tree Inside Right-of-Way SAIFI	Tree Inside Right-of-Way CAIDI	Tree Inside Right-of-Way SAIDI
2010	0.3714	190.8	70.87
2011	0.4192	227.4	95.32
2012	0.2562	258.8	66.31
2013	0.2815	184.3	51.88
2014	0.2154	236.3	50.89
2015	0.1782	207.6	37.00
2016	0.1719	207.2	35.61
2017	0.1137	216.7	24.63

Table 7 highlights the efficacy of the Company's Vegetation Management Program. The 2017 Tree Inside Right-of-Way SAIFI and SAIDI metrics are 58.0% below, and 57.7% below, respectively, the average Tree Inside Right-of-Way SAIFI, and SAIDI metrics for the period 2010-2016. The CAIDI metrics remained flat for this same time period: a six year average duration of 216.057 minutes vs. the 2017 metric of 216.7 minutes. This is consistent with the nature of CAIDI, which measures the duration or amount of time for crews to respond, assess and identify the trouble, and remove any debris that may have caused the outage.

Since the Vegetation Management Program began in July 2010, the annual number of Tree Inside Right-of-Way outages (excluding major event days) has been reduced by approximately 71% from 2,250 to 660. The annual number of customer minutes of interruption associated with these events has been reduced by approximately 67% from 12,280,664 to 4,098,559.



Vegetation Management Program-to-Date Expenditures

Kentucky Power committed to expend \$155,224,278 on Vegetation Management O&M from the beginning of the program June 29, 2010 through December 31, 2017. In that period the Company expended \$156,958,168 or \$1,733,890 (1.1%) more than its commitment.

Table 8: Vegetation Management Program Year to Year Expenditures			
Year	O&M Vegetation Management Program		
	Planned Dollars	Actual Dollars	Variance
2010	\$8,618,983	\$8,950,346	\$331,363
2011	\$17,237,965	\$17,261,128	\$23,163
2012	\$17,237,965	\$17,029,248	-\$208,717
2013	\$17,237,965	\$17,466,579	\$228,614
2014	\$17,237,965	\$17,567,439	\$329,474
2015	\$22,327,777	\$23,067,891	\$740,114
2016	\$27,664,598	\$27,774,545	\$109,947
2017	\$27,661,060	\$27,840,992	\$179,932
TOTAL	\$155,224,278	\$156,958,168	\$1,733,890

As of December 31, 2017, Kentucky Power completed approximately 98% of Task 1 work since Task 1 work began in June 29, 2010. This compares to 83% of the Task 1 work completed as of December 31, 2016. Kentucky Power has since completed Task 1 work in all

three districts (approximately 9 months earlier than was projected in Rate Case 2014-00396). The completion dates of Task 1 by district were: Ashland – March 29, 2018, Hazard – March 29, 2018, and Pikeville – March 13, 2018.⁷

As of December 31, 2017, Kentucky Power had completed 1,378 of the forecasted 1,418 miles, or approximately 97% of Task 2 work. Kentucky Power is on schedule to complete Task 2 work by December 31, 2018 or 6 months earlier than was projected in Rate Case 2014-00396.

Since the Company's Vegetation Management program began, Kentucky Power has trimmed 591,440 trees, cleared 16,649 acres of brush, sprayed 18,921 acres to control vegetation, and removed 1,970,121 trees.

Balancing Account

Paragraph 8 (e)(ii) of the Settlement Agreement in Case No. 2014-00396 established a one-way balancing account beginning July 1, 2015. The account, reflects the Company's obligation to make \$27,661,060 in Vegetation Management O&M expenditures annually from July 1, 2015 through January 18, 2018.

Further detailed information through December 31, 2018 concerning the Balancing Account is presented in Table 9.

	Year						Total Budget	Total Actual	Variance
	Budgeted 2015 (6 Months)	Actual 2015	Budgeted 2016	Actual 2016	Budgeted 2017	Actual 2017			
VM Program Dollars	\$13,708,795	\$13,620,717	\$27,664,598	\$27,774,546	\$27,661,060	\$27,840,992	\$69,034,453	\$69,236,255	+\$201,802

Kentucky Power continues to track total Vegetation Management O&M expenditures and maintain the balancing account in accordance with the Commission's January 18, 2018 Order in Case No 2017-00179.

⁷ See footnote 1.

Attachment Description

The following attachments are incorporated in this report:

Attachment 1 – provides detailed summary of Task 1 work completed in 2017 at circuit level within the district.

Attachment 2 – provides detailed summary of Task 2 work completed in 2017 at circuit level within the district.

Attachment 3 – provides updated Task 1 plan for 2018 at circuit level by district.

Attachment 4 – provides updated Task 2 plan for 2018 at circuit level by district.

Attachment 5 – provides updated Spray plan for 2018 at the district level.

Attachment 6 – provides forestry terminology.

2017 KY POWER FORESTRY CIRCUIT HISTORY Task 1 - Ashland District						Costs that were not allocated to a circuit include; Internal labor & fleet costs, some unscheduled hotspot maintenance, trouble restoration work, tree ticket investigation, auditors expense, and tree contractors' field supervision.					COMMENTS
Circuit Number	Circuit Name	Cost (includes O&M and Capital)	Total Line Miles	Reclearing Miles Planned	Reclearing Miles Complete	Tree Trim	Tree Removal	Brush Cut (acres)	Brush Spray (acres)	Tree Growth Regulator	
											3000303
3000601	Grahn - Distribution	\$511,042.03	45.3	45.3	45.3	1,582	7,330	107.0	0.0		Completed Full Circuit Clearing
3000802	Hayward - Lawton	\$1,158,846.77	36.3	36.3	36.3	4,920	6,940	99.0	0.0		Completed Full Circuit Clearing
3001001	Hitchens - Damron Branch	\$892,503.71	46.2	49.2	46.2	5,152	5,811	136.5	0.0		Completed Full Circuit Clearing
3001002	Hitchens - Willard	\$948,082.02	152.0	98.3	111.0	4,093	10,468	281.4	0.0		Begin Full Circuit Clearing - to complete in 2018
3001003	Hitchens - Grayson	\$449,821.37	48.4	25.6	25.6	1,960	4,738	14.8	0.0		Completed Full Circuit Clearing from 2016
3001004	Hitchens - EK Road	\$59,777.82	31.4	31.4	2.0	119	656	2.8	0.0		Begin Full Circuit Clearing - to complete in 2018
3001102	Hoods Creek - Rural	\$434,935.11	47.0	27.2	27.2	1,879	5,704	21.5	54.3		Completed Full Circuit Clearing from 2016
3001204	Howard Collins - Summit	\$228,664.93	25.7	14.7	14.7	1,485	2,812	12.6	0.0		Completed Full Circuit Clearing from 2016
3003702	Coalton - Cannonsburg	\$800,856.69	23.3	23.3	23.3	2,584	3,419	63.6	4.1		Completed Full Circuit Clearing
3003703	Coalton - Trace Creek	\$1,332,254.48	82.5	82.5	82.5	5,149	14,155	116.5	0.0		Completed Full Circuit Clearing
3007903	Busseyville - Louisa	\$226,510.65	44.0	44.0	44.0	1,046	2,904	54.6	0.0		Completed Full Circuit Clearing
3007905	Busseyville - Matie	\$221,208.38	91.0	8.0	8.0	1,346	3,822	30.0	0.0		Completed Full Circuit Clearing from 2016
3103103	Olive Hill - W. Carter Elements	\$979,517.19	38.0	38.0	38.0	4,093	14,854	44.9	0.0		Completed Full Circuit Clearing
3117601	Belhaven - Diedrich	\$6,077.94	12.1	0.0	0.2	3	1	0.0	0.0		Completed Full Circuit Clearing
3116702	Belhaven - Indian Run	\$3,918.21	19.5	0.0	0.0	0	0	0.0	0.0		Quality of Service Work
3002107	10th Street - West Central	\$203.10	15.6	0.0	0.0	3	1	0.0	0.0		Quality of Service Work
3003701	Coalton - US 60 W	\$737.14	87.5	0.0	0.0	0	1	0.0	0.0		Capital Work
3117801	Princess - Meade Station	\$597.60	46.8	0.0	0.0	0	3	0.0	0.0		Quality of Service Work
3000801	Hayward - Halderman	\$247.86	118.7	0.0	0.0	1	0	0.0	0.0		Quality of Service Work
3001401	Louisa - City	\$1,072.52	10.0	0.0	0.0	0	2	0.0	0.0		Quality of Service Work
ASHLAND DISTRICT Totals		\$9,898,544.62		578.5	559.9	41,307	91,168	1,059.3	58.5	0.0	

2017 KY POWER FORESTRY CIRCUIT HISTORY Task 1 - Hazard District				Costs that were not allocated to a circuit include; internal labor & fleet costs, some unscheduled hotspot maintenance, trouble restoration work, tree ticket investigation, auditor expense, and tree contractors' field supervision.							
Circuit Number	Circuit Name	Cost (includes O&M and Capital)	Total Line Miles	Circuit data in BOLD represent Full-Circuit Re-clearing		Tree Trim	Tree Removal	Brush Cut (acres)	Brush Spray (acres)	Tree Growth Regulator	COMMENTS
				Re-clearing Miles Planned	Re-clearing Miles Complete						
3301101	Chavies - Chavies	\$686,464.18	69.1	51.8	51.8	1,944	17,329	110.5	0.1		Completed Full Circuit Clearing from 2016
3309001	Jeff - Boone Ledge	\$63,713.64	5.0	5.0	5.0	220	1,574	9.7	0.0		Completed Full Circuit Clearing
3309302	Vicco - Jeff	\$630,705.54	84.7	36.6	36.6	3,459	11,009	111.0	24.9		Completed Full Circuit Clearing from 2016
3309902	Slemp - Leatherwood	\$395,316.34	71.3	21.6	21.6	1,349	7,471	76.8	312.4		Completed Full Circuit Clearing from 2016
3310501	Haddix - Quicksand	\$1,503,805.20	116.0	57.9	58.8	4,988	29,748	191.4	148.8		Continued Full Circuit Clearing
3310502	Haddix - Canoe	\$984,630.42	125.0	65.7	65.7	2,880	17,297	154.1	105.0		Completed Full Circuit Clearing from 2016
3310503	Haddix - Troublesome	\$0.00	0.0	45.0	41.5	0	0	0.0	0.0		Begin Full Circuit Clearing (New Circuit - Split)
3300801	Bluegrass - Walkertown	\$743.30	29.0	0.0	0.0	0	0	0.0	1.1		Ground Spray
3300602	Bluegrass - Hazard	\$987.38	11.4	0.0	0.0	7	0	0.0	0.0		Quality of Service Work
3301701	Daisy - Leatherwood	\$106,672.33	88.0	0.0	0.0	4	303	0.0	158.1		Capital Work and Ground Spray
3302701	Hazard - Black Gold	\$1,820.40	55.0	0.0	0.0	0	1	0.0	0.0		Quality of Service Work
3302703	Hazard - Hazard	\$3,015.00	11.2	0.0	0.0	0	4	0.0	0.0		Capital Work
3302704	Hazard - Kenmont	\$2,629.10	20.0	0.0	0.0	9	18	0.0	0.0		Capital Work
3303901	Leslie - Hydan	\$1,800.60	87.0	0.0	0.0	0	11	0.0	0.0		Capital Work
3303902	Leslie - Wooton	\$3,250.40	134.0	0.0	0.0	0	5	0.0	0.4		Capital Work
3303903	Leslie - Hals Fork	\$471.19	76.0	0.0	0.0	0	0	0.0	0.9		Ground Spray
3307301	Bulan - Ayr-Helner	\$7,161.65	54.0	0.0	0.0	0	11	0.0	16.7		Capital Work and Ground Spray
3307302	Bulan - Ajax-Dwarf	\$4,198.38	40.0	0.0	0.0	0	7	0.0	0.0		Capital Work
3308001	Jackson - South Jackson	\$1,758.70	26.0	0.0	0.0	3	7	0.0	1.0		Quality of Service Work
3308002	Jackson - Panbow	\$1,087.50	31.6	0.0	0.0	0	0	0.0	1.5		Quality of Service Work
3308502	Borzymian - Hazard	\$2,588.45	43.4	0.0	0.0	0	0	0.0	5.2		Quality of Service Work
3308603	Collier - Smoot Creek	\$3,209.60	81.0	0.0	0.0	0	81	0.0	0.0		Capital Work
3309002	Jeff - Jeff	\$1,560.75	5.7	0.0	0.0	0	0	0.0	0.0		Capital Work Planning
3309003	Jeff - Viper	\$1,277.10	43.5	0.0	0.0	0	8	0.0	0.0		Capital Work
3309102	Whitesburg - Hospital	\$675.68	8.0	0.0	0.0	0	36	0.3	0.0		Quality of Service Work
3309104	Whitesburg - Crafts Colley	\$3,990.95	28.0	0.0	0.0	0	48	0.0	0.0		Capital Work
3309301	Vicco - Red Fox	\$2,551.13	48.5	0.0	0.0	0	15	0.0	4.3		Quality of Service Work and Ground Spray
3309901	Slemp - Defeated Cr.	\$27,065.00	13.4	0.0	0.0	0	0	0.0	47.0		Ground Spray
3311701	Shamrock - Shamrock	\$572.90	54.0	0.0	0.0	0	0	0.0	0.6		Quality of Service Work
3312202	Engle - Grapevine 34.5	\$8,898.08	101.2	0.0	0.0	3	39	0.2	2.7		Quality of Service Work and Ground Spray
3401301	Fleming - Neon	\$23,217.97	21.0	0.0	0.0	181	388	1.9	0.0		Quality of Service Work
3401302	Fleming - McRoberts	\$3,578.00	30.2	0.0	0.0	0	1	0.0	0.0		Capital Work
3420001	Solshel - Vest	\$34,538.13	59.0	0.0	0.0	0	18	0.0	69.0		Capital Work and Ground Spray
HAZARD DISTRICT Totals		\$4,531,630.97		283.6	281.0	14,647	85,367	855.9	899.6	0.0	

2017 KY POWER FORESTRY CIRCUIT HISTORY Task 1 - Pikeville District				Costs that were not allocated to a circuit include: Internal labor & fleet costs, some unscheduled hot spot maintenance, trouble restoration work, tree ticket investigation, auditor expense, and tree contractors' field supervision.								
Circuit Number	Circuit Name	Cost (Includes O&M and Capital)	Total Line Miles	Circuit data in BOLD represent Full-Circuit Reforewing								
				Reclearing Miles Planned	Reclearing Miles Complete	Tree Trim	Tree Removal	Brush Cut (acres)	Brush Spray (acres)	Tree Growth Regulator	COMMENTS	
3150502	Borderland - Chatfary	\$103,262.11	10.0	10.0	4.7	185	871	8.4	0.0		Begin Full Circuit Clearing - to Complete in 2018	
3200201	Barrenshe - Freeburn	\$209,391.73	13.0	13.0	13.0	386	1742	10.9	0.0		Completed Full Circuit Clearing	
3200203	Barrenshe - Slate Branch	\$8,594.88	5.8	5.8	5.8	11	103	1.2	0.0		Completed Full Circuit Clearing	
3200301	Belfry - Belfry	\$32,658.63	17.4	12.9	0.1	21	192	0.4	0.0		Begin Full Circuit Clearing - to Complete In 2018	
3200302	Belfry - Tolier	\$609,712.33	29.0	29.0	27.0	2430	10588	54.7	0.1		Begin Full Circuit Clearing - to Complete in 2018	
3201002	Tom Watkins - Distribution	\$271,868.73	28.8	5.8	5.8	997	3335	11.0	0.0		Completed Full Circuit Clearing from 2016	
3400303	Betsy Layne - Harold	\$736,787.23	48.0	11.6	44.0	1686	9132	91.4	0.0		Begin Full Circuit Clearing - to Complete In 2018	
3400902	Breaks - Grassy	\$30,027.82	4.0	1.8	1.0	8	270	6.8	0.0		Continued Full Circuit Clearing	
3401702	Henry Clay - Regina	\$1,581,439.68	112.6	87.1	87.1	4081	16409	192.7	5.8		Completed Full Circuit Clearing from 2016	
3401801	Index - Distribution	\$26,098.74	54.1	1.3	1.3	61	218	1.2	0.0		Completed Full Circuit Clearing from 2016	
3401802	Index - Hospital	\$316,119.68	19.0	19.0	19.0	612	3313	27.8	0.0		Completed Full Circuit Clearing	
3402001	Keyser - Thompson Road	\$30,820.69	16.6	16.6	0.7	72	301	2.3	0.0		Begin Full Circuit Clearing - to Complete In 2018	
3402002	Keyser - Stonecoal	\$409,360.43	37.3	33.3	20.0	918	4754	60.4	0.0		Begin Full Circuit Clearing - to Complete In 2018	
3403701	Russell Fork - Little Beaver	\$381,844.80	14.0	14.0	14.0	468	4984	46.7	0.0		Completed Full Circuit Clearing	
3403801	Second Fork - Distribution	\$182,162.14	7.0	7.0	7.0	56	3971	43.5	0.0		Completed Full Circuit Clearing	
3404301	Sidney - Big Creek	\$854,987.88	25.1	25.1	25.1	2439	11400	35.9	0.0		Completed Full Circuit Clearing	
3405402	Kinper - Grapevine	\$746,844.82	35.4	35.4	20.0	1401	8171	90.2	0.0		Begin Full Circuit Clearing - to Complete in 2018	
3409001	West Paintsville - Paintsville	\$53,294.21	3.4	3.4	3.4	218	733	5.4	0.0		Completed Full Circuit Clearing	
3409003	West Paintsville - Plaza	\$172,662.42	24.0	24.0	24.0	966	2684	33.0	0.0		Completed Full Circuit Clearing	
3419501	South Pikeville - Pikeville	\$192,374.91	10.0	10.0	10.0	377	2092	15.3	0.0		Completed Full Circuit Clearing	
3413402	Garrett - Lackey	\$133,414.73	34.7	9.1	9.1	490	2282	14.9	0.0		Completed Full Circuit Clearing from 2016	
3414601	Consol - Coal Company	\$16,302.01	4.6	1.0	1.0	36	307	3.3	0.0		Completed Full Circuit Clearing from 2016	
3417602	New Camp - ARH	\$623,797.94	22.0	22.0	22.0	1232	3546	17.1	0.0		Completed Full Circuit Clearing	
3420101	Mayo Trail - Nippa	\$416,186.05	22.5	22.5	22.5	948	6202	35.4	0.0		Completed Full Circuit Clearing	
3420102	Mayo Trail - Euclid	\$171,531.39	19.6	19.6	19.6	757	2199	23.9	0.0		Completed Full Circuit Clearing	
3420103	Mayo Trail - Davis Branch	\$211,620.16	33.1	14.1	14.1	704	1996	29.6	0.0		Completed Full Circuit Clearing from 2018	
2159105	Spring - Matewan	\$0.00	8.0	8.0	0.0	0	0	0.0	0.0		Full Circuit Clearing deferred to 2018	
3200202	Barrenshe - Vulcan - A	\$3,112.12	48.8	0.0	0.0	40	21	0.1	0.0		Quality of Service Work	
3200204	Barrenshe - Pounding Mill	\$1,595.12	16.0	0.0	0.0	0	0	0.0	0.0		Capital Work	
3202202	Lovely - Wolf Creek	\$23,017.82	56.7	0.0	0.0	0	0	0.0	0.0		Work Planning for Spray	
3202203	Lovely - Mt. Sterling	\$3,816.37	12.6	0.0	0.0	0	0	0.0	0.0		Work Planning for Spray	
3400101	Allen - Distribution	\$3,333.77	27.8	0.0	0.0	16	5	0.1	0.0		Quality of Service Work	
3400302	Betsy Layne - Tram	\$48,368.38	35.0	0.0	0.0	0	0	0.0	58.9		Ground Spray	
3400501	Burton - Bevinsville	\$9,718.70	18.0	0.0	0.0	0	0	0.0	0.0		Work Planning for Spray	
3400602	Burton - Wheelwright	\$6,330.11	21.0	0.0	0.0	0	0	0.0	0.0		Work Planning for Spray	
3401103	Falcon - Burning Fork	\$4,171.48	71.7	0.0	0.0	0	1	0.0	10.5		Capital Work and Ground Spray	
3401703	Henry Clay - Ashcamp	\$115,384.01	43.0	0.0	0.0	0	0	0.0	140.8		Ground Spray	
3402003	Keyser - Mullins	\$4,882.80	29.6	0.0	0.0	13	5	0.0	0.0		Quality of Service Work	
3402202	McKinney - Gibson	\$90,708.02	48.1	0.0	0.0	0	3	0.0	119.7		Capital Work and Ground Spray	
3403001	Pikeville - City	\$38,514.29	20.0	0.0	0.0	0	0	0.0	36.1		Ground Spray	
3403002	Pikeville - Main Street	\$5,881.50	6.4	0.0	0.0	0	12	0.0	0.0		Capital Work	
3403003	Pikeville - Cedar Creek	\$48,262.78	28.0	0.0	0.0	0	2	0.0	50.1		Capital Work and Ground Spray	
3403201	Beaver Creek - Ligon	\$4,387.23	80.0	0.0	0.0	0	82	1.2	0.0		Quality of Service Work	
3403202	Beaver Creek - Price	\$38,011.65	21.0	0.0	0.0	0	0	0.0	39.2		Ground Spray	
3403301	Prestonsburg - City	\$13,105.14	6.7	0.0	0.0	0	0	0.0	23.5		Ground Spray	
3407101	Topmost - Dama	\$1,400.99	37.0	0.0	0.0	0	2	0.0	0.0		Capital Work	
3408103	Salsbury - Martin	\$4,902.80	46.0	0.0	0.0	0	2	0.0	0.0		Capital Work	
3408304	Coleman - Calloway	\$42,118.06	38.0	0.0	0.0	0	0	7.7	73.0		Ground Spray	
3408002	W. Paintsville - Staffordsville	\$2,396.90	21.0	0.0	0.0	1	1	0.0	0.0		Capital Work	
3408301	Kenwood - W Van Lear	\$2,306.70	19.0	0.0	0.0	2	0	0.0	0.0		Quality of Service Work	
3408302	Kenwood - Auler	\$15,441.61	40.2	0.0	0.0	0	8	0.0	5.0		Ground Spray	
3408401	Feds Creek - Feds Creek	\$1,712.76	41.0	0.0	0.0	0	10	0.0	0.0		Capital Work	
3408402	Feds Creek - Lick Creek	\$828.58	17.0	0.0	0.0	0	5	0.1	0.0		Quality of Service Work	
3408502	Burdette - Levisa Stone	\$994.90	38.4	0.0	0.0	0	2	0.0	0.0		Capital Work	
3410601	E. Prestonsburg - Prestonsburg	\$7,444.27	7.1	0.0	0.0	0	0	0.0	11.5		Ground Spray	
3410602	E. Prestonsburg - Laneer	\$95,012.97	26.0	0.0	0.0	0	0	0.0	94.2		Ground Spray	
3411401	Dewey - Inez - A	\$260,025.16	173.5	0.0	0.0	0	0	0.0	482.9		Ground Spray	
3411801	Johns Creek - Meta	\$92,228.51	167.0	0.0	0.0	0	4	0.0	0.0		Capital Work and Aerial Saw	
3411802	Johns Creek - Reacon	\$171,165.55	84.8	0.0	0.0	3	127	0.3	208.9		Ground Spray and Quality of Service Work	
3411901	Fonda Branch - Shelby	\$33,436.50	42.4	0.0	0.0	0	3	0.0	0.0		Capital Work and Work Planning	
3412901	Weeksbury - Distribution	\$3,179.30	29.0	0.0	0.0	0	0	0.0	0.0		Work Planning for Spray	
PIKEVILLE DISTRICT Totals				\$9,358,365.95	462.2	421.1	21,189	100,971	850.4	1,357.3	0.0	
KY POWER Task 1 Totals				\$23,788,541.24	1,324.3	1,262.0	77,142.0	277,826.0	2,595.6	2,316.4	0.3	

2017 KY POWER FORESTRY CIRCUIT HISTORY											
Ashland District - Task 2											
Circuit Number	Circuit Name	Cost (Includes O&M and Capital)	Total Line Miles	Reclearing Miles Planned	Reclearing Miles Complete	Tree Trim	Tree Removal	Brush Cut (acres)	Brush Spray (acres)	Tree Growth Regulator	COMMENTS
3000201	Big Sandy - Fallsburg South	\$16,160.50	161.1	0.0	0.0	0	0	0.0	0.0		Interim Re-clear Work Planning - work deferred to 2018
3000701	Graysbranch - Graysbranch	\$335,168.15	68.8	28.0	28.0	1,902	592	22.5	0.0		Completed Interim Re-clear - from 2016
3001202	Howard Collins - 29th Street	\$251,762.43	13.4	13.4	13.4	1,439	402	4.0	1.1		Completed Interim Re-clear
3008001	47th Street - 49th Street	\$4,216.28	28.0	0.0	0.0	5	4	0.0	0.0		Interim Re-clear - deferred to 2018
3008702	Cannonsburg - Route 3	\$331,048.55	100.0	30.0	15.2	1,878	508	15.9	0.3		Begin Interim Re-clear - to be completed in 2018
3103101	Olive Hill - Globe	\$23,021.72	120.7	3.0	3.0	164	87	1.0	0.0		Completed Interim Re-clear - from 2016
3110903	Wurmland - Rt. 503	\$313,572.49	46.0	28.0	28.0	2,324	1,099	22.9	0.0		Completed Interim Re-clear - from 2016
3116703	Behaven - Argillite	\$148,134.56	28.0	15.0	15.0	420	860	12.2	0.0		Completed Interim Re-clear - from 2016
ASHLAND DISTRICT Totals		\$1,423,684.68		117.4	102.6	7,930	3,553	78.5	1.4	0	

Hazard District - Task 2											
3301101	Chavies - Chavies	\$79,024.04	69.1	7.5	7.5	172	2,320	35.0	0.0		Completed Interim Re-clear - from 2016
3301402	Combs - Airport Gardens	\$69,856.50	42.9	3.9	3.9	288	580	6.0	0.0		Completed Interim Re-clear - from 2016
3308401	Beckham - Hindman	\$648,250.95	102.0	57.1	53.1	1,354	7,767	123.4	2.3		Continued Interim Re-clear - to be completed in 2018
3308402	Beckham - Carr Creek	\$6,468.62	111.0	0.0	0.2	1	42	0.2	0.0		Begin Interim Re-clear - to be completed in 2018
3308503	Bonyman - Big Creek	\$150,981.23	84.0	15.0	12.8	737	2,800	24.6	0.0		Begin Interim Re-clear - to be completed in 2018
3308602	Collier - Lower Rockhouse	\$207,319.88	66.1	20.0	20.8	765	2,740	36.0	0.0		Begin Interim Re-clear - to be completed in 2018
3309101	Whitesburg - Whitesburg	\$79,185.01	10.0	10.0	10.0	394	737	9.2	0.0		Completed Interim Re-clear
3311101	Sinnett - Redbird	\$378,371.21	121.0	30.0	30.0	2,011	4,744	65.9	0.2		Completed Interim Re-clear - from 2016
3311102	Sinnett - Beech Fork	\$3,029.92	10.0	0.0	0.0	0	0	0.0	0.0		Work Planning
3311103	Sinnett - Wandover	\$5,017.07	36.3	0.0	0.0	18	53	0.7	0.0		Begin Interim Re-clear - to be completed in 2018
3311401	Reedy - Deane	\$131,647.91	43.2	11.5	11.5	676	1,605	25.7	0.0		Completed Interim Re-clear from 2016
3312901	Jenkins - Koma	\$1,157,547.90	26.0	26.0	26.0	3,462	4,722	33.2	0.0		Completed Interim Re-clear
3314401	Mayling - Ermine	\$3,819.15	28.8	0.0	0.0	0	8	0.0	0.0		Capital removals following Re-clear
3314402	Mayling - Millstone	\$3,363.36	55.0	0.0	0.0	0	5	0.0	0.0		Capital removals following Re-clear
3408503	Burdine - Jenkins	\$48,383.50	8.2	0.0	1.0	111	74	1.0	0.0		Begin Interim Re-clear - to be completed in 2018
HAZARD DISTRICT Totals		\$2,973,266.25		181.0	176.4	9,989	28,197	380.9	2.4	0	

Pikeville District - Task 2											
2870603	Hurley - Racefork	\$15,783.85	6.0	0.0	0.0	50	158	2.9	0.0		Begin Interim Re-clear - to be completed in 2018
3202201	Lovely - Lovely - A	\$4,451.15	41.0	0.0	0.0	0	11	0.4	0.0		Capital Removals following Re-clear
3308402	Beckham - Carr Creek	\$69,466.17	7.0	0.0	2.5	193	188	2.8	0.0		Begin Interim Re-clear - to be completed in 2018
3401001	Elwood - Dorlon	\$286,210.24	43.3	8.3	8.3	1,576	1287	8.8	0.0		Completed Interim Re-clear - from 2016
3409303	Kenwood - Hagerhill	\$161,670.10	51.0	2.0	2.0	932	524	2.2	0.0		Completed Interim Re-clear - from 2016
3411902	Fords Branch - Robinson Ck	\$109,935.48	77.7	0.0	0.0	0	0	0.0	153.2		Interim Ground Spray
3414901	Fishtap - Distibullon	\$56,130.80	4.4	4.4	4.4	4	787	26.5	0.0		Completed Interim Re-clear
PIKEVILLE DISTRICT Totals		\$703,647.79		14.7	17.2	2,755	2,955	43.5	153.2	0	

KY POWER Task 2 Totals		\$5,100,598.72		313.1	296.2	20,674	34,705	502.8	157.1	0.0	
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2018 Kentucky Power Updated Distribution VM Plan Task1 Full-Circuit Clearing Plan						Costs that are not allocated to a circuit include: Internal labor & fleet costs, unscheduled hotspot maintenance, trouble restoration work, tree ticket investigation, auditor expense, and tree contractors' field supervision.				
District	Station Name	Circuit Name	Circuit Number	Circuit Line Miles	Miles Planned	Projected O&M Cost per Mile	O&M	Forestry Capital Associated with Re-clearing	Total Cost	Comments
ASH	Bellefonte	Bellefonte	3000303	57.7	2.1	\$17,500	\$36,750	\$4,410	\$41,160	Finish Full-Circuit Clearing
ASH	Hitchens	Willard	3001002	152.0	41.0	\$14,000	\$574,000	\$40,180	\$614,180	Finish Full-Circuit Clearing
ASH	Hitchens	EK Road	3001004	31.4	29.4	\$16,300	\$479,220	\$33,545	\$512,765	Finish Full-Circuit Clearing
ASH	Bellhaven	Diedrich	3116702	12.1	0.2	\$17,500	\$3,500	\$245	\$3,745	Finish Full-Circuit Clearing
Ashland District (Task1) Totals					72.7		\$1,093,470	\$78,380	\$1,171,850	
HAZ	Haddix	Quicksand	3310501	116.0	57.2	\$10,200	\$583,440	\$40,841	\$624,281	Finish Full-Circuit Clearing
HAZ	Haddix	Troublesome	3310503	97.0	3.5	\$10,200	\$35,700	\$2,499	\$38,199	Finish Full-Circuit Clearing
Hazard District (Task 1) Totals					60.7		\$619,140	\$43,340	\$662,480	
PKV	Sprigg	Matewan	2150105	8.0	8.0	\$11,200	\$89,600	\$6,272	\$95,872	Finish Full-Circuit Clearing
PKV	Borderland	Chattaroy	3150502	10.2	5.5	\$11,200	\$61,600	\$4,312	\$65,912	Finish Full-Circuit Clearing
PKV	Belfry	Belfry	3200301	17.4	12.9	\$11,700	\$150,930	\$10,565	\$161,495	Finish Full-Circuit Clearing
PKV	Belfry	Toler	3200302	29.0	2.1	\$11,700	\$24,570	\$1,720	\$26,290	Finish Full-Circuit Clearing
PKV	Betsy Layne	Harold	3400303	48.0	4.0	\$11,700	\$46,800	\$3,276	\$50,076	Finish Full-Circuit Clearing
PKV	Elkhorn City	Grassy	3400902	4.0	0.8	\$11,200	\$8,960	\$627	\$9,587	Finish Full-Circuit Clearing
PKV	Keyser	Thompson Rd	3402001	16.6	15.9	\$11,700	\$186,030	\$13,022	\$199,052	Finish Full-Circuit Clearing
PKV	Keyser	Stonecoal	3402002	37.3	17.1	\$11,700	\$200,070	\$14,005	\$214,075	Finish Full-Circuit Clearing
PKV	Klmpcr	Grapevine	3408402	35.4	15.8	\$11,700	\$184,860	\$12,940	\$197,800	Finish Full-Circuit Clearing
Pikeville District (Task 1) Totals					82.1		\$953,420	\$66,739	\$1,020,159	
Full - Circuit Clearing (Task 1) Totals					215.5		\$2,666,030	\$188,460	\$2,854,490	

2018 Kentucky Power Updated Distribution VM Plan Task 2 Full Circuit Re-Clearing Plan						Costs that are not allocated to a circuit include: Internal labor & fleet costs, unscheduled hotspot maintenance, trouble restoration work, tree ticket investigation, auditor expense, and tree contractors' field supervision.				
District	Station Name	Circuit Name	Circuit Number	Circuit Line Miles	Miles Planned	Projected O&M Cost per Mile	O&M	Forestry Capital Associated with Re-clearing	Total Cost	Comments
ASH	Big Sandy	Fallsburg South	3000201	96.6	57.0	\$12,300	\$701,100	\$49,077	\$750,177	Finish Interim Re-clear
ASH	Hayward	Halderman	3000801	118.7	76.0	\$12,300	\$934,800	\$65,436	\$1,000,236	Begin Interim Re-clear
ASH	Hoods Creek	Summitt	3001301	22.5	22.5	\$11,000	\$247,500	\$17,325	\$264,825	Interim Re-clear
ASH	Busseyville	Walbridge	3007905	95.1	83.1	\$12,000	\$997,200	\$69,804	\$1,067,004	Begin Interim Re-clear
ASH	47th Street	49th Street	3008001	25.4	25.4	\$11,000	\$279,400	\$19,558	\$298,958	Interim Re-clear
ASH	Cannonsburg	Route 3	3008702	98.5	83.3	\$12,150	\$1,012,095	\$70,847	\$1,082,942	Finish Interim Re-clear
ASH	Russell	Kenwood	3010601	20.2	20.2	\$12,300	\$248,460	\$17,392	\$265,852	Interim Re-clear
ASH	Wurtland	Wurtland	3110901	1.5	1.5	\$12,300	\$18,450	\$1,292	\$19,742	Interim Re-clear
ASH	Wurtland	Greenup	3110902	51.2	51.2	\$12,300	\$629,760	\$44,083	\$673,843	Interim Re-clear
Ashland District (Task 2) Totals					420.2		\$5,068,765	\$354,814	\$5,423,579	
HAZ	Daisy	Leatherwood	3301701	88.4	21.4	\$9,500	\$209,300	\$14,231	\$223,531	Begin Interim Re-clear
HAZ	Hazard	Kenmont	3302704	19.8	19.8	\$9,500	\$188,100	\$13,167	\$201,267	Interim Re-clear
HAZ	Leslie	Halsfork	3303903	76.6	76.6	\$9,700	\$749,020	\$52,011	\$799,031	Interim Re-clear
HAZ	Bulan	Ary Hiner	3307301	52.7	52.7	\$9,700	\$511,190	\$35,783	\$546,973	Interim Re-clear
HAZ	Bulan	Ajax Dwarf	3307302	40.5	40.5	\$9,700	\$392,850	\$27,500	\$420,350	Interim Re-clear
HAZ	Bulan	Lotts Creek	3307303	2.2	2.2	\$6,000	\$13,200	\$924	\$14,124	Interim Re-clear
HAZ	Beckham	Hindmen	3308401	102.6	25.4	\$9,700	\$246,380	\$17,247	\$263,627	Finish Interim Re-clear
HAZ	Beckham	Carr Creek	3308402	51.6	51.4	\$9,700	\$498,580	\$34,901	\$533,481	Finish Interim Re-clear
HAZ	Beckham	Pippa Passes	3308403	63.4	23.9	\$17,500	\$418,250	\$29,278	\$447,528	Begin Interim Re-clear-incl. Raven
HAZ	Bonnyman	Hazard	3308502	65.5	30.5	\$9,700	\$295,850	\$20,710	\$316,560	Begin Interim Re-clear
HAZ	Bonnyman	Big Creek	3308503	87.4	74.8	\$9,700	\$725,560	\$50,789	\$776,349	Finish Interim Re-clear
HAZ	Whitesburg	Hospital	3309102	8.7	8.7	\$9,700	\$84,390	\$5,907	\$90,297	Interim Re-clear
HAZ	Collier	Lower Rockhou	3308602	62.8	42.2	\$9,700	\$409,340	\$28,654	\$437,994	Finish Interim Re-clear
HAZ	Stinnett	Wendover	3311103	36.7	36.7	\$9,700	\$355,990	\$24,919	\$380,909	Interim Re-clear
HAZ	Jenkins	Jenkins	3312902	22.6	22.6	\$9,700	\$219,220	\$15,345	\$234,565	Interim Re-clear
HAZ	Burdine	Jenkins	3409503	8.2	7.2	\$17,500	\$126,000	\$8,820	\$134,820	Finish Interim Re-clear
HAZ	Beehive	Dunham	3451202	8.7	8.7	\$9,700	\$84,390	\$5,807	\$90,297	Interim Re-clear
Hazard District (Task 2) Totals					545.3		\$5,515,610	\$386,093	\$5,901,703	
PKV	Sprigg	Sprigg	2150103	9.0	9.0	\$8,000	\$72,000	\$5,040	\$77,040	Interim Re-clear
PKV	Borderland	Nolan	2150501	18.5	18.5	\$8,000	\$148,000	\$10,360	\$158,360	Interim Re-clear
PKV	Middle Burn	Naugatuck	2153502	1.0	1.0	\$4,000	\$4,000	\$280	\$4,280	Interim Re-clear
PKV	Hunley	Race Fork	2970603	4.3	4.3	\$8,500	\$36,550	\$2,559	\$39,109	Interim Re-clear
PKV	Belfry	Belfry	3200301	17.5	4.6	\$9,000	\$41,400	\$2,898	\$44,298	Finish Interim Section
PKV	Lovely	Mt. Sterling	3202203	13.1	13.1	\$8,500	\$111,350	\$7,795	\$119,145	Interim Re-clear
PKV	Betsy Layne	Mud Creek	3400301	77.5	77.5	\$10,100	\$782,750	\$54,793	\$837,543	Interim Re-clear
PKV	Burton	Bevinsville	3400601	19.6	19.6	\$10,100	\$197,960	\$13,857	\$211,817	Interim Re-clear
PKV	Burton	Wheelwright	3400602	20.8	20.8	\$10,100	\$210,080	\$14,706	\$224,786	Interim Re-clear
PKV	Draffin	Belcher	3400701	21.4	21.4	\$10,100	\$216,140	\$15,130	\$231,270	Interim Re-clear
PKV	Draffin	Yellow Hill	3400702	11.8	11.8	\$10,100	\$119,180	\$8,343	\$127,523	Interim Re-clear
PKV	Salisbury	Printer	3408101	19.6	19.6	\$8,700	\$170,520	\$11,936	\$182,456	Interim Re-clear
PKV	Salisbury	Black Diamond	3408102	1.5	1.5	\$8,600	\$12,900	\$903	\$13,803	Interim Re-clear
PKV	Salisbury	Marth	3408103	46.7	46.7	\$8,500	\$396,950	\$27,787	\$424,737	Interim Re-clear
PKV	Burdine	Levisa	3409502	39.9	39.9	\$10,100	\$402,990	\$28,209	\$431,199	Interim Re-clear
PKV	South Pikeville	Island Creek	3410502	38.5	38.5	\$9,900	\$381,150	\$26,681	\$407,831	Interim Re-clear
PKV	South Pikeville	Hospital	3410503	5.7	5.7	\$8,500	\$48,450	\$3,392	\$51,842	Interim Re-clear
PKV	Johns Creek	Meta	3411801	167.0	30.0	\$9,900	\$297,000	\$20,790	\$317,790	Begin Interim Re-clear
PKV	Fords Branch	Shelby	3411901	40.5	40.5	\$10,300	\$417,150	\$29,201	\$446,351	Interim Re-clear
PKV	Fords Branch	Robinson Ck	3411902	69.9	69.9	\$10,300	\$719,970	\$50,398	\$770,368	Interim Re-clear
PKV	Weeksbury	Distribution	3412901	26.5	26.5	\$10,300	\$272,950	\$19,107	\$292,057	Interim Re-clear
PKV	New Camp	Southside	3412601	10.1	10.1	\$8,500	\$85,850	\$6,010	\$91,860	Interim Re-clear
Pikeville District (Task 2) Totals					530.5		\$5,145,290	\$360,170	\$5,505,460	
Interim Re-Clear (Task 2) Totals					1496.0		\$15,729,665	\$1,101,077	\$16,830,742	

2018 Distribution Vegetation Management Spray Plan		
DISTRICT	ACRES	O&M BUDGET
Ashland	825	\$447,450
Hazard	1000	\$538,000
Pikeville	1000	\$552,600
Aerial Spray	100	\$100,000
TOTAL	2925	\$1,638,050

Kentucky Power Forestry Plan Terminology

Feeder Breaker Zone

Synonymous with Station Zone. Segment of line extending from the circuit station breaker to the first operating device. This zone includes unfused taps, but does not include fused taps.

Full Circuit Reclear

Entire circuit from the station breaker to the end of the circuit.

Recloser Zone

Line segment extending from a specific recloser to the next operating device. This zone includes unfused taps, but does not include fused taps.

Partial Reclear

A portion of the circuit is planned for reclearing.

BID JOB

Planned reclearing work released as an open, lump-sum bid for competing contractors.

Finish Full Circuit Reclear

Reclearing scheduled to complete Full Circuit Reclear that began in the previous year.

2nd Recloser Zone

Line segment beginning at the second operating device beyond the station circuit breaker extending to the next operating device. This zone includes unfused taps, but does not include fused taps.

Quality-of-Service Work

Tree trimming or removal work scheduled for a line segment to address reliability issues. This work does not conform to reclearing specifications (e.g.-Hotspotting).

Cycle Buster Tree

A tree that has to be revisited before the circuit is due for its next cycle trim.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	2150103
3.	Station Name	Sprigg
4.	Circuit Name	Sprigg
5.	Station Location	Lobata, KY
6.	Area Served	Sprigg, KY
7.	Circuit Length (MI)	8.95
8.	Number of Customers Served	133
9.	Last Circuit R/W Trim Date Completed	3/17/2018
10.	Circuit 5 Year Avg SAIDI	472.8
11.	Reporting Year SAIDI	2,204.00
12.	Circuit 5 Year Avg SAIFI	1.9
13.	Reporting Year SAIFI	8.18
14.	Outage Causes	TREE OUT OF ROW, VINE, EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE INSIDE ROW, FIRE - AEP, OR AFFECTING > 1 CUSTOMER
15.	% of Outages Due to Causes Listed In Previous row	45%, 20%, 15%, 10%, 5%, 5%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two Scheduled Company outages accounted for 53.1% of the total SAIDI and 55.5% of the total SAIFI. Three Tree Out of ROW outages accounted for 35% of the total SAIDI and 28% of the total SAIFI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	2150105
3.	Station Name	Sprigg
4.	Circuit Name	Matewan
5.	Station Location	Lobata, KY
6.	Area Served	Matewan, KY
7.	Circuit Length (Mi)	7.87
8.	Number of Customers Served	127
9.	Last Circuit R/W Trim Date Completed	2/24/2018
10.	Circuit 5 Year Avg SAIDI	626.8
11.	Reporting Year SAIDI	1,101.70
12.	Circuit 5 Year Avg SAIFI	2.9
13.	Reporting Year SAIFI	3.559
14.	Outage Causes	TREE OUT OF ROW, TREE INSIDE ROW, UNKNOWN (NON WEATHER), VINE, SCHEDULED COMPANY, EQUIPMENT FAILURE, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - LIGHTNING, WEATHER - UNKNOWN
15.	% of Outages Due to Causes Listed in Previous row	34.62%, 23.08%, 11.54%, 11.54%, 3.85%, 3.85%, 3.85%, 3.85%, 3.85%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two Tree Out Of ROW outages resulted 47.5% of the total SAIDI and 12.4% of the total SAIFI. One feeder outage caused by Equipment Failure (failed cutout) accounted for 12% of the total SAIDI and 27.9% of the total SAIFI.

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2018 Annual Reliability Report
Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	2150501
3.	Station Name	Borderland
4.	Circuit Name	Nolan
5.	Station Location	Near Desklns Drive, Williamson, WV
6.	Area Served	Nolan, WV Hatfield, KY
7.	Circuit Length (MI)	18.51
8.	Number of Customers Served	198
9.	Last Circuit R/W Trim Date Completed	12/1/2014
10.	Circuit 5 Year Avg SAIDI	421.8
11.	Reporting Year SAIDI	1,781.30
12.	Circuit 5 Year Avg SAIFI	1.9
13.	Reporting Year SAIFI	3.737
14.	Outage Causes	TREE INSIDE ROW, WEATHER - UNKNOWN, OTHER, SCHEDULED COMPANY, TREE OUT OF ROW, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), EQUIPMENT FAILURE
15.	% of Outages Due to Causes Listed in Previous row	23.08%, 15.38%, 15.38%, 15.38%, 15.38%, 7.69%, 7.69%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Equipment Failure outage (failed cutout in the station) accounted for 6.1% of the total SAIDI and 43.9% of the total SAIFI. Two Tree Inside ROW outages accounted for 84.9% of the total SAIDI and 30.4% of the total SAIFI.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	2150502
3.	Station Name	Borderland
4.	Circuit Name	Chattaroy
5.	Station Location	Near Deskins Drive, Williamson, WV
6.	Area Served	Chattaroy, WV Goodman, KY
7.	Circuit Length (MI)	10.62
8.	Number of Customers Served	251
9.	Last Circuit R/W Trim Date Completed	2/10/2018
10.	Circuit 5 Year Avg SAIDI	579.4
11.	Reporting Year SAIDI	1,588.30
12.	Circuit 5 Year Avg SAIFI	1.6
13.	Reporting Year SAIFI	5.896
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), ERROR - FIELD, ERROR - OPERATIONS, VINE, WEATHER - UNKNOWN
15.	% of Outages Due to Causes Listed In Previous row	31.25%, 25%, 12.5%, 6.25%, 6.25%, 6.25%, 6.25%, 6.25%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Equipment Failure outage (failed cutout in the station) accounted for 72.2% of the total SAIDI and 62.6% of the total SAIFI. One Tree Out of ROW accounted for 15.1% of the total SAIDI and 16.1% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	2970603
3.	Station Name	Hurley
4.	Circuit Name	Race Fork
5.	Station Location	Nickelsville, Nickelsville, VA
6.	Area Served	Kelsa, VA Ira, VA Paw Paw, KY
7.	Circuit Length (MI)	5.55
8.	Number of Customers Served	80
9.	Last Circuit R/W Trim Date Completed	1/15/2012
10.	Circuit 5 Year Avg SAIDI	190.8
11.	Reporting Year SAIDI	1,068.90
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	2.975
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed In Previous row	60%, 40%
16.	List of Corrective Actions	Tree clearing in 2018.
17.	Comments	One Tree Out of ROW outage accounted for 41.2% of the total SAIDI and 34% of the total SAIFI. One Scheduled Company outage accounted for 41.4% of the total SAIDI and 33.6% of the total SAIFI.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	2974101
3.	Station Name	Big Rock
4.	Circuit Name	Conaway
5.	Station Location	Camp 1, Big Rock, VA
6.	Area Served	Big Rock, VA Conaway, KY
7.	Circuit Length (MI)	0.60
8.	Number of Customers Served	6
9.	Last Circuit R/W Trlm Date Completed	10/2/2015
10.	Circuit 5 Year Avg SAIDI	248.7
11.	Reporting Year SAIDI	577
12.	Circuit 5 Year Avg SAIFI	1.6
13.	Reporting Year SAIFI	2
14.	Outage Causes	SCHEDULED COMPANY, TREE OUT OF ROW
15.	% of Outages Due to Causes Listed In Previous row	50%, 50%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Tree Out ofROW outage accounted for 50% of both the total SAIDI and SAIFI. One Schedule Company outage accounted for 50% of both the total SAIDI and SAIFI. These were the only outages for this circuit In 2017.

**Kentucky Power Company
2018 Annual Reliability Report
Section 5: Circuit Reporting**

1.	District	Ashland
2.	Station/ Circuit Number	3000102
3.	Station Name	Ashland
4.	Circuit Name	29th Street
5.	Station Location	Greenup Ave and Front St
6.	Area Served	Winchester Ave (US 23) and 29th St
7.	Circuit Length (MI)	6.88
8.	Number of Customers Served	600
9.	Last Circuit R/W Trim Date Completed	9/17/2016
10.	Circuit 5 Year Avg SAIDI	91.8
11.	Reporting Year SAIDI	184.2
12.	Circuit 5 Year Avg SAIFI	0.7
13.	Reporting Year SAIFI	1.493
14.	Outage Causes	VANDALISM, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE OUT OF ROW, ANIMAL - NON BIRD, SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed In Previous row	30%, 20%, 20%, 10%, 10%, 10%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Equipment Failure outage, caused by a failed switch accounted for 67.3% of the total SAIFI and 51% of the total SAIDI.

Kentucky Power Company
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Section 5: Circuit Reporting

1.	District	Ashland
2.	Station/ Circuit Number	3000103
3.	Station Name	Ashland
4.	Circuit Name	14th Street
5.	Station Location	Greenup Ave and Front St
6.	Area Served	25th Street and Mayo Plaza
7.	Circuit Length (Mi)	1.42
8.	Number of Customers Served	127
9.	Last Circuit R/W Trim Date Completed	7/23/2016
10.	Circuit 5 Year Avg SAIDI	58.0
11.	Reporting Year SAIDI	114.6
12.	Circuit 5 Year Avg SAIFI	0.5
13.	Reporting Year SAIFI	0.606
14.	Outage Causes	EQUIPMENT FAILURE, WEATHER - LIGHTNING
15.	% of Outages Due to Causes Listed In Previous row	66.67%, 33.33%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Equipment Failure outage, caused by a broken crossarm accounted for 41.5% of the total SAIFI and 61% of the total SAIDI.

Kentucky Power Company
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Section 5: Circuit Reporting

1.	District	Ashland
2.	Station/ Circuit Number	3000202
3.	Station Name	Big Sandy
4.	Circuit Name	Burnaugh North
5.	Station Location	Off HWY 23 by Big Sandy Plant
6.	Area Served	Burnaugh - Rt 707
7.	Circuit Length (MI)	85.37
8.	Number of Customers Served	790
9.	Last Circuit R/W Trim Date Completed	10/31/2015
10.	Circuit 5 Year Avg SAIDI	565.4
11.	Reporting Year SAIDI	906.2
12.	Circuit 5 Year Avg SAIFI	1.8
13.	Reporting Year SAIFI	3.218
14.	Outage Causes	SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE INSIDE ROW, OTHER, VANDALISM, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed in Previous row	21.28%, 21.28%, 17.02%, 14.89%, 12.77%, 8.51%, 2.13%, 2.13%
16.	List of Corrective Actions	Projected tree clearing in 2020, may reschedule sooner.
17.	Comments	Tree Out of ROW outages accounted for 46% of the total SAIFI and 62% of the total SAIDI. One Equipment Failure outage, caused by a failed regulator accounted for 31% of the total SAIFI and 16% of the total SAIDI.

**Kentucky Power Company
2018 Annual Reliability Report
Section 5: Circuit Reporting**

1.	District	Ashland
2.	Station/ Circuit Number	3000203
3.	Station Name	Blg Sandy
4.	Circuit Name	Yatesville
5.	Station Location	Off HWY 23 by Blg Sandy Plant
6.	Area Served	Yatesville
7.	Circuit Length (MI)	62.42
8.	Number of Customers Served	653
9.	Last Circuit R/W Trim Date Completed	10/31/2015
10.	Circuit 5 Year Avg SAIDI	3.5
11.	Reporting Year SAIDI	418.6
12.	Circuit 5 Year Avg SAIFI	0
13.	Reporting Year SAIFI	1.104
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, OTHER, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, VANDALISM
15.	% of Outages Due to Causes Listed In Previous row	34.78%, 26.09%, 17.39%, 13.04%, 4.35%, 4.35%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	This is a new circuit that was added at the end of last year. One Equipment Failure outage, caused by a broken pole top accounted for 70% of the total SAIFI and 89% of the total SAIDI.

Kentucky Power Company
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Section 5: Circuit Reporting

1.	District	Ashland
2.	Station/ Circuit Number	3000302
3.	Station Name	Bellefonte
4.	Circuit Name	Flatwoods
5.	Station Location	Off US 23 between SR 5 and A K Steel entrance
6.	Area Served	Diedrich Blvd (Alt OLBH)
7.	Circuit Length (Mi)	3.53
8.	Number of Customers Served	93
9.	Last Circuit R/W Trim Date Completed	12/30/2015
10.	Circuit 5 Year Avg SAIDI	287.2
11.	Reporting Year SAIDI	237.4
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	1.204
14.	Outage Causes	TREE OUT OF ROW, ANIMAL - BIRD, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, UNKNOWN (NON WEATHER)
15.	% of Outages Due to Causes Listed in Previous row	40%, 20%, 20%, 20%
16.	List of Corrective Actions	Projected tree clearing in 2020, may reschedule sooner. This circuit is part of the Flatwoods DA scheme will be completed 2018
17.	Comments	Two Tree Out of ROW outages accounted for 89% of the total SAIFI and 96% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

Kentucky Power Company
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Section 5: Circuit Reporting

1.	District	Ashland
2.	Station/ Circuit Number	3000701
3.	Station Name	Grays Branch
4.	Circuit Name	Grays Branch
5.	Station Location	Ohio River Rd
6.	Area Served	Ohio River rd and US 23 N of Little Sandy
7.	Circuit Length (MI)	69.45
8.	Number of Customers Served	1,243
9.	Last Circuit R/W Trm Date Completed	2/11/2017
10.	Circuit 5 Year Avg SAIDI	185.6
11.	Reporting Year SAIDI	121.7
12.	Circuit 5 Year Avg SAIFI	0.500
13.	Reporting Year SAIFI	0.743
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VINE, VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING, TREE INSIDE ROW, OTHER, WEATHER - UNKNOWN, SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed In Previous row	23.91%, 23.91%, 13.04%, 8.7%, 6.52%, 6.52%, 6.52%, 6.52%, 2.17%, 2.17%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	Vehicle Accident (Non AEP) accounted for 32% of the totla SAIFI and 17% of SAIDI. Tree Out of ROW outages accounted for 29% of the total SAIFI and 58% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

Kentucky Power Company
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Section 5: Circuit Reporting

1.	District	Ashland
2.	Station/ Circuit Number	3000901
3.	Station Name	Highland
4.	Circuit Name	Russell
5.	Station Location	Leglon Dr and Greenup Ave
6.	Area Served	Raceland and Caroline Ave (Flatwoods)
7.	Circuit Length (MI)	26.32
8.	Number of Customers Served	1,323
9.	Last Circuit R/W Trim Date Completed	8/1/2015
10.	Circuit 5 Year Avg SAIDI	159.5
11.	Reporting Year SAIDI	94.9
12.	Circuit 5 Year Avg SAIFI	1.2
13.	Reporting Year SAIFI	2.048
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - LIGHTNING, TREE OUT OF ROW, ERROR - OPERATIONS, ERROR - FIELD, VINE
15.	% of Outages Due to Causes Listed in Previous row	23.08%, 23.08%, 15.38%, 15.38%, 7.69%, 7.69%, 7.69%
16.	List of Corrective Actions	This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	One Error - Operations (T) outage accounted for 49% of the total SAIFI and 50% of the total SAIDI. One Equipment Failure outage, caused by bad hot taps accounted for 49% of the total SAIFI and 43% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

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Section 5: Circuit Reporting

1.	District	Ashland
2.	Station/ Circuit Number	3000902
3.	Station Name	Highland
4.	Circuit Name	Flatwoods
5.	Station Location	Legion Dr and Greenup Ave
6.	Area Served	Flatwoods Rt 750
7.	Circuit Length (MI)	20.63
8.	Number of Customers Served	1,194
9.	Last Circuit R/W Trim Date Completed	11/21/2015
10.	Circuit 5 Year Avg SAIDI	67.4
11.	Reporting Year SAIDI	75.8
12.	Circuit 5 Year Avg SAIFI	0.4
13.	Reporting Year SAIFI	1.264
14.	Outage Causes	EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), WEATHER - LIGHTNING, SCHEDULED COMPANY, TREE INSIDE ROW, VINE, ERROR - OPERATIONS, VANDALISM, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	34.78%, 13.04%, 13.04%, 13.04%, 4.35%, 4.35%, 4.35%, 4.35%, 4.35%
16.	List of Corrective Actions	This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	One Error - Operations (T) outage accounted for 79% of the total SAIFI and 63% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3000903
3.	Station Name	Highland
4.	Circuit Name	Wurtland
5.	Station Location	Legion Dr and Greenup Ave
6.	Area Served	Wurtland Ave and Riverside
7.	Circuit Length (MI)	16.54
8.	Number of Customers Served	596
9.	Last Circuit R/W Trim Data Completed	6/20/2015
10.	Circuit 5 Year Avg SAIDI	121.4
11.	Reporting Year SAIDI	125.4
12.	Circuit 5 Year Avg SAIFI	1
13.	Reporting Year SAIFI	1.19
14.	Outage Causes	UNKNOWN (NON WEATHER), VINE, ERROR - OPERATIONS, EQUIPMENT FAILURE, OTHER, SCHEDULED COMPANY, WEATHER - LIGHTNING, CUST. EQUIPMENT > 1 CUSTOMER, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), VEHICLE ACCIDENT (NON AEP), TREE OUT OF ROW, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	22.22%, 11.11%, 11.11%, 11.11%, 5.56%, 5.56%, 5.56%, 5.56%, 5.56%, 5.56%, 5.56%
16.	List of Corrective Actions	This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	One Error - Operations (T) outage accounted for 83% of the total SAIFI and 38% of the total SAIDI. One Tree Out of ROW outage accounted for 41% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3001002
3.	Station Name	Hitchins
4.	Circuit Name	Willard
5.	Station Location	Off SR 773 along Clay Camp
6.	Area Served	Hitchins Rd
7.	Circuit Length (MI)	151.11
8.	Number of Customers Served	1,216
9.	Last Circuit R/W Trim Date Completed	3/9/2018
10.	Circuit 5 Year Avg SAIDI	775.5
11.	Reporting Year SAIDI	406.5
12.	Circuit 5 Year Avg SAIFI	2.5
13.	Reporting Year SAIFI	2.713
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, VANDALISM, SCHEDULED COMPANY, TREE INSIDE ROW, VINE, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP), WEATHER - HIGH WINDS (EXCEEDING 60 MPH), ERROR - FIELD, OTHER, TREE REMOVAL (NON AEP), ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed in Previous row	29.76%, 21.43%, 16.67%, 8.33%, 7.14%, 3.57%, 2.38%, 2.38%, 2.38%, 1.19%, 1.19%, 1.19%, 1.19%
16.	List of Corrective Actions	Tree cutting was completed March of 2018
17.	Comments	Tree Out of ROW outages accounted for 84% of the total SAIFI and 82% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3001102
3.	Station Name	Hoods Creek
4.	Circuit Name	Rural
5.	Station Location	State Rout 5 and Inheritance Rd
6.	Area Served	W Rt 5 to Brush Crk
7.	Circuit Length (MI)	47.55
8.	Number of Customers Served	731
9.	Last Circuit R/W Trlm Date Completed	6/10/2017
10.	Circuit 5 Year Avg SAIDI	430.9
11.	Reporting Year SAIDI	504.1
12.	Circuit 5 Year Avg SAIFI	2
13.	Reporting Year SAIFI	1.859
14.	Outage Causes	UNKNOWN (NON WEATHER), TREE OUT OF ROW, EQUIPMENT FAILURE, WEATHER - UNKNOWN, SCHEDULED COMPANY, WEATHER - LIGHTNING, TREE INSIDE ROW, TREE REMOVAL (NON AEP), ERROR - FIELD, ANIMAL - BIRD, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	25.81%, 16.13%, 12.9%, 9.68%, 9.68%, 6.45%, 6.45%, 3.23%, 3.23%, 3.23%, 3.23%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Error - Field outage accounted for 54% of the total SAIFI and 47% of the total SAIDI. One Scheduled Company outage accounted for 20% of the total SAIFI and 33% of the total SAIDI. Only SAIDI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3001201
3.	Station Name	Howard Collins
4.	Circuit Name	13th Street
5.	Station Location	Floyd St between Beech St and Skyline Dr
6.	Area Served	13th st and Blackburn Ave
7.	Circuit Length (MI)	13.74
8.	Number of Customers Served	1,383
9.	Last Circuit R/W Trim Date Completed	10/3/2015
10.	Circuit 5 Year Avg SAIDI	102.6
11.	Reporting Year SAIDI	85.4
12.	Circuit 5 Year Avg SAIFI	0.9
13.	Reporting Year SAIFI	1.576
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE OUT OF ROW, TREE INSIDE ROW, VINE, WEATHER - UNKNOWN
15.	% of Outages Due to Causes Listed In Previous row	36.36%, 21.21%, 15.15%, 12.12%, 6.06%, 3.03%, 3.03%, 3.03%
16.	List of Corrective Actions	New Ramey Station (2021) will take over some of this circuit which will lower SAIDI and SAIFI
17.	Comments	Scheduled Company Outages accounted for 68% of the total SAIFI and 30% of the total SAIDI. Tree Out of ROW outages accounted for 27% of the total SAIDI. Only SAIDI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3001401
3.	Station Name	Louisa
4.	Circuit Name	City
5.	Station Location	Town Hill Rd off Hwy 32
6.	Area Served	Town Hill Rd and N of Highway 3
7.	Circuit Length (MI)	9.98
8.	Number of Customers Served	838
9.	Last Circuit R/W Trim Date Completed	11/14/2015
10.	Circuit 5 Year Avg SAIDI	86.4
11.	Reporting Year SAIDI	84.1
12.	Circuit 5 Year Avg SAIFI	1
13.	Reporting Year SAIFI	1.112
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, WEATHER - UNKNOWN, VANDALISM, ANIMAL - BIRD, TREE INSIDE ROW, UNKNOWN (NON WEATHER), OTHER
15.	% of Outages Due to Causes Listed in Previous row	25%, 25%, 8.33%, 8.33%, 8.33%, 8.33%, 8.33%, 8.33%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Scheduled Company outage accounted for 90% of the total SAIFI and 77% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3001402
3.	Station Name	Louisa
4.	Circuit Name	High Bottom
5.	Station Location	Town Hill Rd off Hwy 32
6.	Area Served	Hwy 32 and along Lick Creek
7.	Circuit Length (MI)	13.39
8.	Number of Customers Served	640
9.	Last Circuit R/W Trlm Date Completed	12/30/2015
10.	Circuit 5 Year Avg SAIDI	128.3
11.	Reporting Year SAIDI	178.7
12.	Circuit 5 Year Avg SAIFI	1.3
13.	Reporting Year SAIFI	2.094
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE INSIDE ROW, SCHEDULED COMPANY, WEATHER - LIGHTNING, WEATHER - UNKNOWN, TREE OUT OF ROW
15.	% of Outages Due to Causes Listed In Previous row	35%, 20%, 15%, 10%, 10%, 5%, 5%
16.	List of Corrective Actions	Projected tree clearing in 2020, may reschedule sooner.
17.	Comments	Tree Inside ROW outages accounted for 47% of the total SAIFI and 58% of the total SAIDI. One scheduled company outage accounted for 48% of the total SAIFI and 36% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3002001
3.	Station Name	South Shore
4.	Circuit Name	Siloam
5.	Station Location	Sm Roberson Dr
6.	Area Served	Lower White Oak Rd, Hwy 23
7.	Circuit Length (MI)	38.62
8.	Number of Customers Served	1,012
9.	Last Circuit R/W Trim Date Completed	11/8/2014
10.	Circuit 5 Year Avg SAIDI	144.9
11.	Reporting Year SAIDI	264.6
12.	Circuit 5 Year Avg SAIFI	1.1
13.	Reporting Year SAIFI	1.189
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), WEATHER - LIGHTNING, SCHEDULED COMPANY, ANIMAL - BIRD, WEATHER - UNKNOWN, ANIMAL - NON BIRD, VINE, OTHER, TREE INSIDE ROW, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	22%, 20%, 18%, 10%, 6%, 6%, 4%, 4%, 2%, 2%, 2%, 2%, 2%
16.	List of Corrective Actions	Projected tree clearing In 2019
17.	Comments	Tree Out of ROW outages accounted for 28% of the total SAIFI and 59% of the total SAIDI. Animal (both bird and non bird) outages accounted for 17% of the total SAIFI and 11% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3002104
3.	Station Name	Tenth Street
4.	Circuit Name	10-3
5.	Station Location	Greenup Ave, US 23, Ashland
6.	Area Served	3rd st, King's Daughters Alt
7.	Circuit Length (MI)	3.84
8.	Number of Customers Served	364
9.	Last Circuit R/W Trim Date Completed	5/30/2015
10.	Circuit 5 Year Avg SAIDI	65.3
11.	Reporting Year SAIDI	86.7
12.	Circuit 5 Year Avg SAIFI	0.5
13.	Reporting Year SAIFI	0.316
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	42.86%, 28.57%, 14.29%, 14.29%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Tree Out of ROW outage accounted for 22% of the total SAIFI and 79% of the total SAIDI. One Unknown Non-weather outage accounted for 62% of the total SAIFI and 15% of the total SAIDI. Only SAIDI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3002105
3.	Station Name	Tenth Street
4.	Circuit Name	Midtown
5.	Station Location	Greenup Ave, US 23, Ashland
6.	Area Served	Ashland Plaza and Greenup Ave
7.	Circuit Length (MI)	4.07
8.	Number of Customers Served	531
9.	Last Circuit R/W Trim Date Completed	6/6/2015
10.	Circuit 5 Year Avg SAIDI	41.7
11.	Reporting Year SAIDI	68.5
12.	Circuit 5 Year Avg SAIFI	0.2
13.	Reporting Year SAIFI	0.29
14.	Outage Causes	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD, EQUIPMENT FAILURE, VANDALISM, ERROR - FIELD, CUST. EQUIPMENT > 1 CUSTOMER, OTHER
15.	% of Outages Due to Causes Listed In Previous row	38.46%, 15.38%, 7.69%, 7.69%, 7.69%, 7.69%, 7.69%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	Three scheduled company outages accounted for 88% of the total SAIFI and 96% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3002106
3.	Station Name	Tenth Street
4.	Circuit Name	Front Street
5.	Station Location	Greenup Ave, US 23, Ashland
6.	Area Served	Front St and Ashland Mall
7.	Circuit Length (MI)	2.47
8.	Number of Customers Served	102
9.	Last Circuit R/W Trlm Date Completed	4/4/2015
10.	Circuit 5 Year Avg SAIDI	88.3
11.	Reporting Year SAIDI	120.9
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	1.402
14.	Outage Causes	WEATHER - HIGH WINDS (EXCEEDING 60 MPH), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, EQUIPMENT FAILURE
15.	% of Outages Due to Causes Listed in Previous row	50%, 25%, 25%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	2 Weather related outages accounted for 71% of the total SAIFI and 81% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3003701
3.	Station Name	Coalton
4.	Circuit Name	U.S.60W
5.	Station Location	137 S Big Run Rd
6.	Area Served	US 60, SR 854, SR 1654, Pigeon Roost Rd
7.	Circuit Length (MI)	87.34
8.	Number of Customers Served	1,175
9.	Last Circuit R/W Trim Date Completed	6/1/2016
10.	Circuit 5 Year Avg SAIDI	696.9
11.	Reporting Year SAIDI	355.8
12.	Circuit 5 Year Avg SAIFI	3.1
13.	Reporting Year SAIFI	3.403
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, SCHEDULED COMPANY, OTHER, TREE INSIDE ROW, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, FACILITATION OF WORK, VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING, VANDALISM, ERROR - OPERATIONS, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed in Previous row	26.37%, 25.27%, 17.58%, 13.19%, 5.49%, 4.4%, 1.1%, 1.1%, 1.1%, 1.1%, 1.1%, 1.1%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	Tree Out of ROW outages accounted for 19% of the total SAIFI and 48% of the total SAIDI. One Equipment Failure outage, caused by a pole fire accounted for 29% of the total SAIFI and 21% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3003703
3.	Station Name	Coalton
4.	Circuit Name	Tracecreek
5.	Station Location	137 S Big Run Rd
6.	Area Served	Trace Road, Four Mile Rd, SR 3, SR 854, Rush
7.	Circuit Length (MI)	83.88
8.	Number of Customers Served	831
9.	Last Circuit R/W Trim Date Completed	10/21/2017
10.	Circuit 5 Year Avg SAIDI	412.3
11.	Reporting Year SAIDI	492.6
12.	Circuit 5 Year Avg SAIFI	2.5
13.	Reporting Year SAIFI	2.047
14.	Outage Causes	EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE INSIDE ROW, TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - LIGHTNING, OTHER, WEATHER - UNKNOWN, VINE, FOREIGN OBJECT (NON ANIMAL), ANIMAL - NON BIRD, VEHICLE ACCIDENT (NON AEP), UG CONST. /DIG-INS (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	27.78%, 18.52%, 12.96%, 11.11%, 9.26%, 3.7%, 3.7%, 3.7%, 1.85%, 1.85%, 1.85%, 1.85%, 1.85%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	Tree Out of ROW outages accounted for 54% of the total SAIFI and 50% of the total SAIDI. Tree Inside ROW outages accounted for 12% of the total SAIFI and 30% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3007906
3.	Station Name	Busseyville
4.	Circuit Name	Walbridge
5.	Station Location	Issac Park Rd, between SR 32 and US 23
6.	Area Served	Lawrence County HS towards Levisa Fork
7.	Circuit Length (Mi)	99.65
8.	Number of Customers Served	1,612
9.	Last Circuit R/W Trim Date Completed	12/31/2014
10.	Circuit 5 Year Avg SAIDI	580.3
11.	Reporting Year SAIDI	900
12.	Circuit 5 Year Avg SAIFI	3
13.	Reporting Year SAIFI	3.342
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE INSIDE ROW, WEATHER - UNKNOWN, WEATHER - LIGHTNING, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, OTHER, VINE, WEATHER - FLOOD/SLIDE, FACILITATION OF WORK, WEATHER - TORNADO, FOREIGN OBJECT (NON ANIMAL), ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	26.03%, 20.55%, 16.44%, 9.59%, 5.48%, 4.11%, 2.74%, 2.74%, 2.74%, 2.74%, 1.37%, 1.37%, 1.37%, 1.37%
16.	List of Corrective Actions	Projected tree clearing in 2019
17.	Comments	Tree Out of ROW outages accounted for 38% of the total SAIFI and 33% of the total SAIDI. One Equipment Failure outage, caused by broken crossarms accounted for 14% of the total SAIFI and 28% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3008001
3.	Station Name	47th Street
4.	Circuit Name	49th Street
5.	Station Location	US 23 and 47th St
6.	Area Served	E Blackburn Ave to Boy Scout
7.	Circuit Length (MI)	27.19
8.	Number of Customers Served	1,543
9.	Last Circuit R/W Trim Date Completed	9/14/2013
10.	Circuit 5 Year Avg SAIDI	208.2
11.	Reporting Year SAIDI	393.8
12.	Circuit 5 Year Avg SAIFI	0.9
13.	Reporting Year SAIFI	2.924
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), TREE INSIDE ROW, EQUIPMENT FAILURE, VINE, WEATHER - LIGHTNING, OTHER, SCHEDULED COMPANY, ANIMAL - BIRD, VEHICLE ACCIDENT (NON AEP), ABNORMAL FEED, ERROR - FIELD, WEATHER - UNKNOWN, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	19.15%, 17.02%, 14.89%, 8.51%, 6.38%, 6.38%, 6.38%, 4.26%, 4.26%, 4.26%, 2.13%, 2.13%, 2.13%, 2.13%
16.	List of Corrective Actions	Tree cutting will be completed by the end of 2018
17.	Comments	Tree Out of ROW outages accounted for 42% of the total SAIFI and 41% of the total SAIDI. One Abnormal Feed outage, caused by a bad switch accounted for 29% of the total SAIFI and 17% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3008701
3.	Station Name	Cannonsburg
4.	Circuit Name	Cannonsburg
5.	Station Location	Off Pondersa Dr
6.	Area Served	Bear Creek Rd and Rt 3
7.	Circuit Length (MI)	65.46
8.	Number of Customers Served	1,320
9.	Last Circuit R/W Trim Date Completed	12/31/2014
10.	Circuit 5 Year Avg SAIDI	226.7
11.	Reporting Year SAIDI	362.8
12.	Circuit 5 Year Avg SAIFI	1.2
13.	Reporting Year SAIFI	2.301
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, WEATHER - UNKNOWN, OTHER, SCHEDULED COMPANY, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP), ANIMAL - BIRD, ERROR - OPERATIONS, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed in Previous row	28.57%, 26.79%, 16.07%, 7.14%, 5.36%, 5.36%, 3.57%, 1.79%, 1.79%, 1.79%, 1.79%
16.	List of Corrective Actions	Projected tree clearing in 2020, may reschedule sooner.
17.	Comments	Tree Out of ROW outages accounted for 20% of the total SAIFI and 54% of the total SAIDI. One Equipment failure outage, caused by a bad arrester accounted for 22% of the total SAIFI and 25% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3010602
3.	Station Name	Russell
4.	Circuit Name	Bear Run
5.	Station Location	Just off US 23, along Ashland Dr
6.	Area Served	US 23, Shopping Plazas off Diedrich Blvd, City of Russell
7.	Circuit Length (MI)	12.67
8.	Number of Customers Served	722
9.	Last Circuit R/W Trim Date Completed	5/28/2016
10.	Circuit 5 Year Avg SAIDI	220.1
11.	Reporting Year SAIDI	89.2
12.	Circuit 5 Year Avg SAIFI	1.8
13.	Reporting Year SAIFI	2.157
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, ERROR - OPERATIONS, TREE OUT OF ROW, TREE INSIDE ROW, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	35.29%, 17.65%, 11.76%, 11.76%, 11.76%, 5.88%, 5.88%
16.	List of Corrective Actions	This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	One Error - Operations due to a transmission outage accounted for 39% of the total SAIFI and 45% of the total SAIDI. One Equipment Failure outage, caused by a bad basket on a PM customer accounted for 46% of the total SAIFI and 12% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3101701
3.	Station Name	Raceland
4.	Circuit Name	CSX Car Shop
5.	Station Location	Worthington CSX
6.	Area Served	Worthington CSX
7.	Circuit Length (MI)	0.01
8.	Number of Customers Served	1
9.	Last Circuit R/W Trm Date Completed	N/A
10.	Circuit 5 Year Avg SAIDI	108.0
11.	Reporting Year SAIDI	48
12.	Circuit 5 Year Avg SAIFI	0.6
13.	Reporting Year SAIFI	1
14.	Outage Causes	ERROR - OPERATIONS
15.	% of Outages Due to Causes Listed in Previous row	100.00%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Error - Operations due to a transmission outage affected the entire circuit. This was the only outage on the circuit in 2017.

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1.	District	Ashland
2.	Station/ Circuit Number	3110901
3.	Station Name	Wurtland
4.	Circuit Name	Wurtland
5.	Station Location	Industrial Parkway and Wurtland Ave
6.	Area Served	Du Pont / Pregis
7.	Circuit Length (MI)	1.58
8.	Number of Customers Served	20
9.	Last Circuit R/W Trim Date Completed	12/30/2015
10.	Circuit 5 Year Avg SAIDI	15.5
11.	Reporting Year SAIDI	45.4
12.	Circuit 5 Year Avg SAIFI	0.2
13.	Reporting Year SAIFI	0.95
14.	Outage Causes	SCHEDULED COMPANY, ERROR - OPERATIONS
15.	% of Outages Due to Causes Listed In Previous row	50%, 50%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Error - Operations due to a transmission outage accounted for 95% of the total SAIFI and 95% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3110902
3.	Station Name	Wurtland
4.	Circuit Name	Greenup
5.	Station Location	Industrial Parkway and Wurtland Ave
6.	Area Served	Industrial Parkway and Rt 1
7.	Circuit Length (Mi)	51.86
8.	Number of Customers Served	1,300
9.	Last Circuit R/W Term Date Completed	12/7/2013
10.	Circuit 5 Year Avg SAIDI	275.2
11.	Reporting Year SAIDI	157.8
12.	Circuit 5 Year Avg SAIFI	1.8
13.	Reporting Year SAIFI	2.145
14.	Outage Causes	UNKNOWN (NON WEATHER), TREE INSIDE ROW, EQUIPMENT FAILURE, TREE OUT OF ROW, WEATHER - UNKNOWN, WEATHER - LIGHTNING, ANIMAL - BIRD, TREE REMOVAL (NON AEP), ERROR - FIELD, ERROR - OPERATIONS, VINE, SCHEDULED COMPANY, OTHER
15.	% of Outages Due to Causes Listed In Previous row	28.57%, 16.33%, 16.33%, 12.24%, 6.12%, 4.08%, 4.08%, 2.04%, 2.04%, 2.04%, 2.04%, 2.04%
16.	List of Corrective Actions	Tree cutting will be completed by the end of 2018
17.	Comments	One Error - Operations due to a transmission outage accounted for 46% of the total SAIFI and 30% of the total SAIDI. One Unknown Non-weather outage, accounted for 46% of the total SAIFI and 33% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3110903
3.	Station Name	Wurtland
4.	Circuit Name	Rt.503
5.	Station Location	Industrial Parkway and Wurtland Ave
6.	Area Served	Rt 503 and Wurtland Ave
7.	Circuit Length (MI)	46.16
8.	Number of Customers Served	982
9.	Last Circuit R/W Trim Date Completed	3/18/2017
10.	Circuit 5 Year Avg SAIDI	397.1
11.	Reporting Year SAIDI	848.2
12.	Circuit 5 Year Avg SAIFI	1.6
13.	Reporting Year SAIFI	2.592
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - UNKNOWN, WEATHER - LIGHTNING, VINE, TREE INSIDE ROW, ERROR - OPERATIONS, OTHER UTILITY, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	26.32%, 21.05%, 18.42%, 10.53%, 7.89%, 2.63%, 2.63%, 2.63%, 2.63%, 2.63%
16.	List of Corrective Actions	Tree cutting was completed March of 2017. This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	Tree Out of ROW outages accounted for 40% of the total SAIFI and 88% of the total SAIDI. One Error - Operations due to a transmission outage accounted for 38% of the total SAIFI and 6% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3113601
3.	Station Name	Worthington
4.	Circuit Name	CSX Weld Shop
5.	Station Location	Edsel Ave, CS5066
6.	Area Served	CSX Weld Shop
7.	Circuit Length (MI)	0.03
8.	Number of Customers Served	1
9.	Last Circuit R/W Trim Date Completed	N/A
10.	Circuit 5 Year Avg SAIDI	135.6
11.	Reporting Year SAIDI	400.0
12.	Circuit 5 Year Avg SAIFI	0.8000
13.	Reporting Year SAIFI	2.000
14.	Outage Causes	TREE OUT OF ROW, ERROR - OPERATIONS
15.	% of Outages Due to Causes Listed in Previous row	50%, 50%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Error - Operations due to a transmission outage affected the entire circuit. One Tree out of ROW on the transmission side affected the entire circuit and accounted for 88% of the total SAIDI..

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1.	District	Ashland
2.	Station/ Circuit Number	3116702
3.	Station Name	Belhaven
4.	Circuit Name	Indian Run
5.	Station Location	Thompson rd and Walters
6.	Area Served	Bellefonte Rd and Route 207
7.	Circuit Length (MI)	19.81
8.	Number of Customers Served	1,023
9.	Last Circuit R/W Trim Date Completed	9/10/2016
10.	Circuit 5 Year Avg SAIDI	148.9
11.	Reporting Year SAIDI	75.7
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	1.234
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, UG CONST. /DIG-INS (NON AEP), UNKNOWN (NON WEATHER), TREE REMOVAL (NON AEP), WEATHER - LIGHTNING, TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), OTHER
15.	% of Outages Due to Causes Listed In Previous row	28%, 20%, 16%, 8%, 8%, 4%, 4%, 4%, 4%, 4%
16.	List of Corrective Actions	This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	Tree Out of ROW outages accounted for 41% of the total SAIDI. One Scheduled Company outage accounted for 80% of the total SAIFI and 13% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3116703
3.	Station Name	Belhaven
4.	Circuit Name	Argillite Road
5.	Station Location	Thompson rd and Walters
6.	Area Served	Indian Run and Argillite Rd
7.	Circuit Length (MI)	27.71
8.	Number of Customers Served	1,515
9.	Last Circuit R/W Trim Date Completed	5/6/2017
10.	Circuit 5 Year Avg SAIDI	170.6
11.	Reporting Year SAIDI	50.7
12.	Circuit 5 Year Avg SAIFI	0.9
13.	Reporting Year SAIFI	1.332
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, VEHICLE ACCIDENT (NON AEP), ERROR - FIELD, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	25%, 21.88%, 18.75%, 15.63%, 6.25%, 6.25%, 6.25%
16.	List of Corrective Actions	This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	One Scheduled Company outage accounted for 74% of the total SAIFI and 20% of the total SAIDI. One Vehicle Accident (non-aep) accounted for 7% of the total SAIFI and 32% of the total SAIDI. Only SAIFI rose above the five year average for this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3117601
3.	Station Name	Princess
4.	Circuit Name	Meade Station
5.	Station Location	Off Paul Coffey Blvd, along Mackey Ln
6.	Area Served	Parts of Cannonsburg, US 60, Meade Springer Rd, Shopes Creek Rd
7.	Circuit Length (MI)	48.13
8.	Number of Customers Served	1,479
9.	Last Circuit R/W Trim Date Completed	4/30/2016
10.	Circuit 5 Year Avg SAIDI	320.0
11.	Reporting Year SAIDI	169.7
12.	Circuit 5 Year Avg SAIFI	1.5
13.	Reporting Year SAIFI	2.051
14.	Outage Causes	EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE OUT OF ROW, WEATHER - UNKNOWN, TREE INSIDE ROW, SCHEDULED COMPANY, OTHER, VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	28.21%, 20.51%, 17.95%, 12.82%, 7.69%, 5.13%, 5.13%, 2.56%
16.	List of Corrective Actions	Will add to Cutout List for 2018/2019. Projected tree clearing in 2021, may reschedule sooner.
17.	Comments	Tree Out of ROW outages accounted for 60% of the total SAIDI. One Equipment Failure outage due to a failed station regulator accounted for 49% of the total SAIFI. Only SAIFI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3117602
3.	Station Name	Princess
4.	Circuit Name	Route 180
5.	Station Location	Off Paul Coffey Blvd, along Mackey Ln
6.	Area Served	SR 5, Straight Creek Road, Buena Vista Dr, East Park Industrial Sites
7.	Circuit Length (MI)	25.19
8.	Number of Customers Served	298
9.	Last Circuit R/W Trim Date Completed	7/23/2016
10.	Circuit 5 Year Avg SAIDI	320.5
11.	Reporting Year SAIDI	235.1
12.	Circuit 5 Year Avg SAIFI	1.5
13.	Reporting Year SAIFI	2.829
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TREE OUT OF ROW, ERROR - FIELD, VEHICLE ACCIDENT (NON AEP), TREE REMOVAL (NON AEP), CUST. EQUIPMENT > 1 CUSTOMER, TREE INSIDE ROW, VANDALISM, OTHER
15.	% of Outages Due to Causes Listed In Previous row	20%, 13.33%, 13.33%, 6.67%, 6.67%, 6.67%, 6.67%, 6.67%, 6.67%, 6.67%, 6.67%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Error - Field due to Incorrect settings accounted for 35% of the total SAIFI and 24% of the total SAIDI. One Equipment Failure outage due to a failed station regulator accounted for 35% of the total SAIFI and 18% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

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1.	District	Pikeville
2.	Station/ Circuit Number	3200201
3.	Station Name	Barrenshe
4.	Circuit Name	Freeburn
5.	Station Location	Near State Highway 194 E, Freeburn
6.	Area Served	Freeburn & Board Tree, KY
7.	Circuit Length (Mi)	12.14
8.	Number of Customers Served	332
9.	Last Circuit R/W Trlm Date Completed	4/5/2017
10.	Circuit 5 Year Avg SAIDI	539.1
11.	Reporting Year SAIDI	966.7
12.	Circuit 5 Year Avg SAIFI	3.6
13.	Reporting Year SAIFI	3.241
14.	Outage Causes	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE INSIDE ROW, UNKNOWN (NON WEATHER), OTHER, TREE OUT OF ROW
15.	% of Outages Due to Causes Listed In Previous row	38.46%, 23.08%, 15.38%, 7.69%, 7.69%, 7.69%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage caused by Equipment Failure accounted 43.6% of the total SAIDI and 29.9% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3200202
3.	Station Name	Barrenshe
4.	Circuit Name	Vulcan
5.	Station Location	Near State Highway 194 E, Freeburn
6.	Area Served	Majestic, Woodman, Argo, KY
7.	Circuit Length (MI)	45.15
8.	Number of Customers Served	788
9.	Last Circuit R/W Trim Date Completed	6/18/2016
10.	Circuit 5 Year Avg SAIDI	1153.5
11.	Reporting Year SAIDI	2,022.60
12.	Circuit 5 Year Avg SAIFI	4.2
13.	Reporting Year SAIFI	7.214
14.	Outage Causes	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, VINE, OTHER, TREE REMOVAL (NON AEP), TREE INSIDE ROW, FACILITATION OF WORK, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, WEATHER - UNKNOWN
15.	% of Outages Due to Causes Listed In Previous row	40.82%, 20.41%, 10.2%, 6.12%, 6.12%, 4.08%, 4.08%, 4.08%, 2.04%, 2.04%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage caused by a Tree Out of ROW on a Transmission Line accounted for 35.8% of the total SAIDI and 14% of the total SAIFI. One Scheduled Company feeder outage accounted for 15.9% of the total SAIDI and 13.6% of the total SAIFI. One feeder outage caused by Tree Out of ROW accounted for 12.6% of the total SAIDI and 15.1% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3200203
3.	Station Name	Barrenshe
4.	Circuit Name	Slate Branch
5.	Station Location	Near State Highway 194 E, Freeburn
6.	Area Served	Ransom, KY
7.	Circuit Length (Mi)	4.36
8.	Number of Customers Served	3
9.	Last Circuit R/W Trim Date Completed	5/27/2017
10.	Circuit 5 Year Avg SAIDI	426.7
11.	Reporting Year SAIDI	1,510.00
12.	Circuit 5 Year Avg SAIFI	2.3
13.	Reporting Year SAIFI	95
14.	Outage Causes	OTHER, SCHEDULED COMPANY, TREE INSIDE ROW
15.	% of Outages Due to Causes Listed In Previous row	33.33%, 33.33%, 33.33%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One outage required during planned switching that was classified as Other accounted for 49.6% of the total SAIDI and 98.6% of the total SAIFI. The high numbers for 2017 were due to changes in customer count during the year. The planned switching outage changed the customer count from 281 to 3. These customers were previously fed from the Freeburn Circuit.

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1.	District	Pikeville
2.	Station/ Circuit Number	3200204
3.	Station Name	Barrenshe
4.	Circuit Name	Pounding Mill
5.	Station Location	Near State Highway 194 E, Freeburn
6.	Area Served	Ransom, Hardy, KY
7.	Circuit Length (Mi)	18.07
8.	Number of Customers Served	329
9.	Last Circuit R/W Trlm Date Completed	2/1/2015
10.	Circuit 5 Year Avg SAIDI	717.2
11.	Reporting Year SAIDI	2,667.00
12.	Circuit 5 Year Avg SAIFI	5
13.	Reporting Year SAIFI	11.033
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - UNKNOWN, FACILITATION OF WORK, VINE, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - FLOOD/SLIDE, TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), FOREIGN OBJECT (NON ANIMAL), UNKNOWN (NON WEATHER)
15.	% of Outages Due to Causes Listed in Previous row	21.88%, 21.88%, 18.75%, 9.38%, 6.25%, 3.13%, 3.13%, 3.13%, 3.13%, 3.13%, 3.13%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage caused by a Tree Out of ROW on a Transmission Line accounted for 31.9% of the total SAIDI and 10.7% of the total SAIFI. One Vehicle Accident (Non AEP) outage accounted for 16.8% of the total SAIDI and 8.3% of the total SAIFI. One Weather-Flood/Slide outage accounted for 14.9% of the total SAIDI and 7.7% of the total SAIFI. One feeder outage, Scheduled Company, accounted for 10% of the total SAIDI and 7.3% of the total SAIFI. Another feeder outage due to Tree Out of ROW accounted for 8.64% of the total SAIDI and 18.5% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3200301
3.	Station Name	Belfry
4.	Circuit Name	Belfry
5.	Station Location	Near US Highway 119 N, Belfry
6.	Area Served	Sharondale, Huddy, KY
7.	Circuit Length (MI)	17.81
8.	Number of Customers Served	541
9.	Last Circuit R/W Trim Date Completed	3/29/2018
10.	Circuit 5 Year Avg SAIDI	417.8
11.	Reporting Year SAIDI	1,089.20
12.	Circuit 5 Year Avg SAIFI	3.1
13.	Reporting Year SAIFI	7.344
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE OUT OF ROW, OTHER, TREE INSIDE ROW, WEATHER - UNKNOWN, ANIMAL - BIRD, ERROR - OPERATIONS, WEATHER - LIGHTNING, ERROR - FIELD, TRANSMISSION INFORMATION NEEDED
15.	% of Outages Due to Causes Listed In Previous row	21.95%, 21.95%, 19.51%, 9.76%, 7.32%, 4.88%, 4.88%, 2.44%, 2.44%, 2.44%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One outage, Weather-Lightning, that interrupted transmission to the station accounted for 9.7% of the total SAIDI and 13.8% of the total SAIFI. Another transmission line outage accounted for only 1.1% of the total SAIDI but 13.7% of the total SAIFI. Another Equipment Failure outage due to a failed bus switch which interrupted the feeder, accounted for only 0.9% of the total SAIDI but 14.3% of the total SAIFI. One Weather Unknown outage and one Tree Out of ROW outage both accounted for 33.7% of the total SAIDI and 6.9% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3200302
3.	Station Name	Belfry
4.	Circuit Name	Toler
5.	Station Location	Near US Highway 119 N, Belfry
6.	Area Served	Toler, Hardy, KY
7.	Circuit Length (Mi)	29.94
8.	Number of Customers Served	812
9.	Last Circuit R/W Trfm Date Completed	1/20/2018
10.	Circuit 5 Year Avg SAIDI	476.8
11.	Reporting Year SAIDI	1,208.20
12.	Circuit 5 Year Avg SAIFI	3.3
13.	Reporting Year SAIFI	7.276
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, TREE INSIDE ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD, VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING, TRANSMISSION INFORMATION NEEDED, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	24.49%, 20.41%, 20.41%, 16.33%, 8.16%, 2.04%, 2.04%, 2.04%, 2.04%, 2.04%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One outage, Weather-Lightning, that Interrupted transmission to the station accounted for 8.7% of the total SAIDI and 13.8% of the total SAIFI. Another transmission line outage accounted for only 1% of the total SAIDI but 13.7% of the total SAIFI. One feeder outage due to Tree Out of ROW, accounted for 58.1% of the total SAIDI and 13.7% of the total SAIFI. One feeder outage, Scheduled Company, that was needed to safely replace a pole, accounted for only 0.7% of the total SAIDI but 11.9% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3201001
3.	Station Name	Tom Watkins
4.	Circuit Name	Distribution
5.	Station Location	Near Pond Creek Road, Pinsonfork, KY
6.	Area Served	McAndrew, Stone, McVeigh, KY
7.	Circuit Length (MI)	28.8
8.	Number of Customers Served	826
9.	Last Circuit R/W Trim Date Completed	1/21/2017
10.	Circuit 5 Year Avg SAIDI	610.6
11.	Reporting Year SAIDI	1,316.40
12.	Circuit 5 Year Avg SAIFI	2.4
13.	Reporting Year SAIFI	3.769
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, OTHER, WEATHER - UNKNOWN, UNKNOWN (NON WEATHER), VINE, TRANSMISSION INFORMATION NEEDED
15.	% of Outages Due to Causes Listed In Previous row	30.95%, 28.57%, 16.67%, 9.52%, 4.76%, 4.76%, 2.38%, 2.38%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Five Tree Out of ROW outages accounted for 64.1% of the total SAIDI and 29.7% of the total SAIFI. One Transmission outage due to equipment failure accounted for 17.2% of the total SAIDI and 26.8% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3202201
3.	Station Name	Lovely
4.	Circuit Name	Lovely
5.	Station Location	Near State Highway 292, Lovely
6.	Area Served	Kermit, WV Warfield, KY
7.	Circuit Length (MI)	42.44
8.	Number of Customers Served	970
9.	Last Circuit R/W Trim Date Completed	12/17/2016
10.	Circuit 5 Year Avg SAIDI	480.4
11.	Reporting Year SAIDI	781.3
12.	Circuit 5 Year Avg SAIFI	3.3
13.	Reporting Year SAIFI	4.942
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, WEATHER - UNKNOWN, SCHEDULED COMPANY, OTHER, ANIMAL - BIRD, VANDALISM, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP), VINE
15.	% of Outages Due to Causes Listed In Previous row	21.15%, 17.31%, 17.31%, 11.54%, 9.62%, 5.77%, 5.77%, 3.85%, 1.92%, 1.92%, 1.92%, 1.92%
16.	List of Corrective Actions	Cycle trimming planned for 2018.
17.	Comments	One total station outage classified as Other was actually caused by a buzzard. This one outage accounted for 43.1% of the total SAIDI and 49.9% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3202203
3.	Station Name	Lovely
4.	Circuit Name	Mt. Sterling
5.	Station Location	Near State Highway 292, Lovely
6.	Area Served	SR 292, Long Branch, Stepp Branch
7.	Circuit Length (MI)	13.05
8.	Number of Customers Served	199
9.	Last Circuit R/W Trim Date Completed	3/15/2014
10.	Circuit 5 Year Avg SAIDI	744.0
11.	Reporting Year SAIDI	1,796.10
12.	Circuit 5 Year Avg SAIFI	2.8
13.	Reporting Year SAIFI	6.985
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, WEATHER - LIGHTNING, SCHEDULED COMPANY, WEATHER - UNKNOWN, VINE, UNKNOWN (NON WEATHER), OTHER, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	38.1%, 19.05%, 9.52%, 9.52%, 4.76%, 4.76%, 4.76%, 4.76%, 4.76%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage caused by Weather-Lightning accounted for 65.3% of the total SAIDI and 68.5% of the total SAIFI. One total station outage classified as Other was actually caused by a buzzard. This one outage accounted for 9.5% of the total SAIDI and 15.8% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3300601
3.	Station Name	Bluegrass
4.	Circuit Name	Walkertown
5.	Station Location	Messer Branch, Hazard
6.	Area Served	Hazard, Walkertown
7.	Circuit Length (MI)	28.33
8.	Number of Customers Served	1,231
9.	Last Circuit R/W Trfm Date Completed	6/30/2016
10.	Circuit 5 Year Avg SAIDI	261.9
11.	Reporting Year SAIDI	289.4
12.	Circuit 5 Year Avg SAIFI	1.8
13.	Reporting Year SAIFI	2.166
14.	Outage Causes	TREE OUT OF ROW, VEHICLE ACCIDENT (NON AEP), EQUIPMENT FAILURE, OTHER, UNKNOWN (NON WEATHER), FACILITATION OF WORK, VINE, TREE INSIDE ROW, ANIMAL - NON BIRD, SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed In Previous row	19.23%, 15.38%, 15.38%, 15.38%, 11.54%, 7.69%, 3.85%, 3.85%, 3.85%, 3.85%
16.	List of Corrective Actions	Reconductor 10kF of line with larger conductor to Inprove partial restoration capabilites.
17.	Comments	A Tree Out of ROW led to a 69KV transmission line outage accounting for 61% of the total SAIDI and 45% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3300602
3.	Station Name	Bluegrass
4.	Circuit Name	Hazard
5.	Station Location	Messer Branch, Hazard
6.	Area Served	Hazard, Gorman Hollow
7.	Circuit Length (MI)	11.24
8.	Number of Customers Served	626
9.	Last Circuit R/W Trim Date Completed	1/8/2015
10.	Circuit 5 Year Avg SAIDI	252.2
11.	Reporting Year SAIDI	282.4
12.	Circuit 5 Year Avg SAIFI	1.7
13.	Reporting Year SAIFI	3.168
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, OTHER, VINE, ANIMAL - BIRD
15.	% of Outages Due to Causes Listed In Previous row	25%, 25%, 25%, 12.5%, 12.5%
16.	List of Corrective Actions	Reconductor 1.2kF of line with larger conductor to improve partial restoration capabilities.
17.	Comments	A Tree Out of ROW led to two 69 KV transmission line outages accounting for 69% of the total SAIDI and 65% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3301101
3.	Station Name	Chavles
4.	Circuit Name	Chavles
5.	Station Location	HWY 28, Chavles
6.	Area Served	Chavles, Barwick, Gays Creek
7.	Circuit Length (MI)	67.98
8.	Number of Customers Served	678
9.	Last Circuit R/W Trim Date Completed	11/11/2017
10.	Circuit 5 Year Avg SAIDI	636.6
11.	Reporting Year SAIDI	1,306.70
12.	Circuit 5 Year Avg SAIFI	2.3
13.	Reporting Year SAIFI	3.572
14.	Outage Causes	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, OTHER, UNKNOWN (NON WEATHER), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, FACILITATION OF WORK, VEHICLE ACCIDENT (NON AEP), WEATHER - UNKNOWN, TREE INSIDE ROW, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	29.09%, 27.27%, 16.36%, 7.27%, 5.45%, 3.64%, 3.64%, 1.82%, 1.82%, 1.82%, 1.82%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Fifteen Tree Out of ROW and 9 Equipment Failure outages account for 90% of the total SAIDI and 80% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3301701
3.	Station Name	Dalsy
4.	Circuit Name	Leatherwood
5.	Station Location	HWY 699, Dalsy
6.	Area Served	Comettsville, Ulvah, Halle
7.	Circuit Length (MI)	88.4
8.	Number of Customers Served	1,068
9.	Last Circuit R/W Trim Date Completed	5/12/2014
10.	Circuit 5 Year Avg SAIDI	642.3
11.	Reporting Year SAIDI	862
12.	Circuit 5 Year Avg SAIFI	2.2
13.	Reporting Year SAIFI	2.949
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - FLOOD/SLIDE, WEATHER - UNKNOWN, SCHEDULED COMPANY, OTHER, TREE INSIDE ROW, FIRE - AEP, OR AFFECTING > 1 CUSTOMER
15.	% of Outages Due to Causes Listed in Previous row	43.86%, 17.54%, 14.04%, 7.02%, 5.26%, 3.51%, 3.51%, 3.51%, 1.75%
16.	List of Corrective Actions	Tree clearing in 2018.
17.	Comments	Two Weather related outages account for 48% of the total SAIDI and 24% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3302701
3.	Station Name	Hazard
4.	Circuit Name	Black Gold
5.	Station Location	East Main Street, Hazard
6.	Area Served	Viper, Hazard (downtown area)
7.	Circuit Length (Mi)	31.47
8.	Number of Customers Served	415
9.	Last Circuit R/W Trim Date Completed	12/29/2015
10.	Circuit 5 Year Avg SAIDI	518.4
11.	Reporting Year SAIDI	1,233.60
12.	Circuit 5 Year Avg SAIFI	2.7
13.	Reporting Year SAIFI	7.639
14.	Outage Causes	EQUIPMENT FAILURE, VINE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), FACILITATION OF WORK, OTHER, TREE REMOVAL (NON AEP), WEATHER - LIGHTNING, CUST. EQUIPMENT > 1 CUSTOMER, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, TREE OUT OF ROW
15.	% of Outages Due to Causes Listed in Previous row	33.33%, 14.81%, 14.81%, 7.41%, 7.41%, 3.7%, 3.7%, 3.7%, 3.7%, 3.7%, 3.7%
16.	List of Corrective Actions	The failed 30MVA transformer was replaced and the mobile station removed from service. No further actions planned for 2018.
17.	Comments	Five outages related to a 30MVA station transformer failure and subsequent trips on a temporary mobile station and replacng transmission structures account for 64% of the total SAIDI and 58% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3302703
3.	Station Name	Hazard
4.	Circuit Name	Hazard
5.	Station Location	East Main Street, Hazard
6.	Area Served	Hazard, Woodland Park
7.	Circuit Length (MI)	11.39
8.	Number of Customers Served	683
9.	Last Circuit R/W Trim Date Completed	11/19/2015
10.	Circuit 5 Year Avg SAIDI	208.6
11.	Reporting Year SAIDI	639.3
12.	Circuit 5 Year Avg SAIFI	2.4
13.	Reporting Year SAIFI	11.152
14.	Outage Causes	EQUIPMENT FAILURE, TREE INSIDE ROW, SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), WEATHER - LIGHTNING, WEATHER - UNKNOWN, OVERLOAD, ABNORMAL FEED, UG CONST. /DIG-INS (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	24%, 20%, 12%, 12%, 8%, 8%, 4%, 4%, 4%, 4%
16.	List of Corrective Actions	The failed 30MVA transformer was replaced and the mobile station removed from service. No further actions planned for 2018.
17.	Comments	Ten outages related to a 30MVA station transformer failure and subsequent trips on a temporary mobile station and replacng tranmslssion structures account for 86% of the total SAIDI and 86% of the total SAIFI. Several of the outages were short switching outages to restore service from alternate sources.

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1.	District	Hazard
2.	Station/ Circuit Number	3302704
3.	Station Name	Hazard
4.	Circuit Name	Kenmont
5.	Station Location	East Main Street, Hazard
6.	Area Served	Hazard, Forseam, Storm King
7.	Circuit Length (Mi)	19.92
8.	Number of Customers Served	748
9.	Last Circuit R/W Trim Date Completed	8/1/2012
10.	Circuit 5 Year Avg SAIDI	117.1
11.	Reporting Year SAIDI	686.9
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	4.850
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), VINE, SCHEDULED COMPANY, OTHER, WEATHER - LIGHTNING, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, WEATHER - UNKNOWN, ANIMAL - NON BIRD, ANIMAL - BIRD, TREE INSIDE ROW
15.	% of Outages Due to Causes Listed In Previous row	28.57%, 14.29%, 11.43%, 8.57%, 8.57%, 5.71%, 5.71%, 5.71%, 2.86%, 2.86%, 2.86%, 2.86%
16.	List of Corrective Actions	The failed 30MVA transformer was replaced and the mobile station removed from service. No further actions planned for 2018.
17.	Comments	Four outages related to a 30MVA station transformer failure and subsequent trips on a temporary mobile station and replacing transmission structures account for 77% of the total SAIDI and 82% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3303902
3.	Station Name	Leslie
4.	Circuit Name	Wooton
5.	Station Location	Azalea Dr, Wooton
6.	Area Served	Cutshln, Smlax, Cinda, Yeaddlss
7.	Circuit Length (MI)	129.88
8.	Number of Customers Served	1,506
9.	Last Circuit R/W Trlm Date Completed	10/29/2014
10.	Circuit 5 Year Avg SAIDI	855.9
11.	Reporting Year SAIDI	621.3
12.	Circuit 5 Year Avg SAIFI	5.0
13.	Reporting Year SAIFI	5.195
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VINE, ANIMAL - NON BIRD, OTHER, SCHEDULED COMPANY, TREE REMOVAL (NON AEP), TREE INSIDE ROW, OTHER UTILITY, WEATHER - UNKNOWN, WEATHER - LIGHTNING
15.	% of Outages Due to Causes Listed In Previous row	38.55%, 21.69%, 9.64%, 6.02%, 4.82%, 4.82%, 4.82%, 3.61%, 2.41%, 1.2%, 1.2%, 1.2%
16.	List of Corrective Actions	Distribution Automation (DA) is planned for this circuit.
17.	Comments	Two feeder breaker outages; one Weather and one Tree Out of ROW account for 39% if the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3307303
3.	Station Name	Bulan
4.	Circuit Name	Lotts Creek
5.	Station Location	Carriage Lane, Bulan
6.	Area Served	Bulan
7.	Circuit Length (MI)	2.24
8.	Number of Customers Served	27
9.	Last Circuit R/W Trim Date Completed	2/15/2013
10.	Circuit 5 Year Avg SAIDI	193.7
11.	Reporting Year SAIDI	484.5
12.	Circuit 5 Year Avg SAIFI	1.2
13.	Reporting Year SAIFI	3.074
14.	Outage Causes	SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed in Previous row	100.00%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Only three outages occurred on this circuit in 2017. All outages occurring on this circuit were Scheduled.

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1.	District	Hazard
2.	Station/ Circuit Number	3308401
3.	Station Name	Beckham
4.	Circuit Name	Hindman
5.	Station Location	SR 899, Beckham
6.	Area Served	Dwarf, Hindman, Emmalena
7.	Circuit Length (Mi)	102.91
8.	Number of Customers Served	1,852
9.	Last Circuit R/W Trim Date Completed	3/1/2012
10.	Circuit 5 Year Avg SAIDI	629.0
11.	Reporting Year SAIDI	852.5
12.	Circuit 5 Year Avg SAIFI	3.4
13.	Reporting Year SAIFI	2.775
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, OTHER, WEATHER - UNKNOWN, UNKNOWN (NON WEATHER), TREE INSIDE ROW, VANDALISM, ANIMAL - NON BIRD, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, VINE, WEATHER - LIGHTNING, TREE REMOVAL (NON AEP), ANIMAL - BIRD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER
15.	% of Outages Due to Causes Listed in Previous row	23.81%, 23.81%, 14.29%, 14.29%, 4.76%, 3.57%, 3.57%, 2.38%, 2.38%, 1.19%, 1.19%, 1.19%, 1.19%, 1.19%, 1.19%
16.	List of Corrective Actions	Tree clearing in 2018.
17.	Comments	Tree Out of ROW outages account for 70% of the total SAIDI.

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1.	District	Hazard
2.	Station/ Circuit Number	3308402
3.	Station Name	Beckham
4.	Circuit Name	Carr Creek
5.	Station Location	SR 899, Beckham
6.	Area Served	Brinkley, Malle, Pippa Passes, Spider, Bath , Litt Carr, Hollybush
7.	Circuit Length (MI)	51.59
8.	Number of Customers Served	791
9.	Last Circuit R/W Trim Date Completed	3/14/2014
10.	Circuit 5 Year Avg SAIDI	766.7
11.	Reporting Year SAIDI	1,199.30
12.	Circuit 5 Year Avg SAIFI	3.8
13.	Reporting Year SAIFI	7.603
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE INSIDE ROW, SCHEDULED COMPANY, OTHER, WEATHER - UNKNOWN, VINE, ANIMAL - NON BIRD, ERROR - FIELD, TREE REMOVAL (NON AEP), VEHICLE ACCIDENT (NON AEP), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, FACILITATION OF WORK
15.	% of Outages Due to Causes Listed in Previous row	26.47%, 22.55%, 12.75%, 10.78%, 8.82%, 5.88%, 1.96%, 1.96%, 1.96%, 1.96%, 0.98%, 0.98%, 0.98%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	This circuit was divided into two circuits in late Nov 2017. This circuit had served 1875 customers. The SAIFI and SAIDI for this circuit is based off the new customer count for all outages experienced this year up till late November.

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1.	District	Hazard
2.	Station/ Circuit Number	3308503
3.	Station Name	Bonnyman
4.	Circuit Name	Big Creek
5.	Station Location	Typo Rd, Bonnyman
6.	Area Served	Typo, Bigcreek
7.	Circuit Length (MI)	87.56
8.	Number of Customers Served	1,452
9.	Last Circuit R/W Trim Date Completed	1/1/2012
10.	Circuit 5 Year Avg SAIDI	934.6
11.	Reporting Year SAIDI	1,329.00
12.	Circuit 5 Year Avg SAIFI	3.8
13.	Reporting Year SAIFI	4.65
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, WEATHER - UNKNOWN, OTHER, TREE REMOVAL (NON AEP), TREE INSIDE ROW, FACILITATION OF WORK, VINE, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP), VANDALISM, ERROR - FIELD, FOREIGN OBJECT (NON ANIMAL)
15.	% of Outages Due to Causes Listed In Previous row	19.51%, 17.07%, 8.54%, 8.54%, 7.32%, 6.1%, 6.1%, 4.88%, 4.88%, 3.66%, 3.66%, 3.66%, 3.66%, 1.22%, 1.22%
16.	List of Corrective Actions	Distribution Automation (DA) is planned for this circuit. Additional regulators were installed to improve partial restoration capabilities during an outage. Tree clearing in 2018.
17.	Comments	Scheduled outages account for 32% of the total SAIDI and 32% of the total SAIFI. Tree Out of ROW account for 40% of the total SAIDI and 28% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3308601
3.	Station Name	Collier
4.	Circuit Name	Upper Rockhouse
5.	Station Location	Cinnamon Rd, Collier
6.	Area Served	Elkhorn, Camp Branch
7.	Circuit Length (Mi)	37.27
8.	Number of Customers Served	713
9.	Last Circuit R/W Trim Date Completed	1/27/2015
10.	Circuit 5 Year Avg SAIDI	288.1
11.	Reporting Year SAIDI	421.3
12.	Circuit 5 Year Avg SAIFI	2
13.	Reporting Year SAIFI	3.327
14.	Outage Causes	EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE OUT OF ROW, TREE REMOVAL (NON AEP), CUST. EQUIPMENT > 1 CUSTOMER, TREE INSIDE ROW, VANDALISM, WEATHER - LIGHTNING, VINE, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, SCHEDULED COMPANY, OTHER
15.	% of Outages Due to Causes Listed In Previous row	25%, 22.22%, 19.44%, 5.56%, 5.56%, 5.56%, 2.78%, 2.78%, 2.78%, 2.78%, 2.78%, 2.78%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two feeder breaker outages; one Equipment failure outage and one Tree Out of ROW outage account for 49% of the total SAIDI and 63.83% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3308602
3.	Station Name	Collier
4.	Circuit Name	Lower Rockhouse
5.	Station Location	Cinnamon Rd, Collier
6.	Area Served	Van, Roxana
7.	Circuit Length (MI)	62.84
8.	Number of Customers Served	1,432
9.	Last Circuit R/W Trim Date Completed	1/16/2013
10.	Circuit 5 Year Avg SAIDI	348.6
11.	Reporting Year SAIDI	465.7
12.	Circuit 5 Year Avg SAIFI	2.4
13.	Reporting Year SAIFI	3.375
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), TREE INSIDE ROW, EQUIPMENT FAILURE, ABNORMAL FEED, OTHER, SCHEDULED COMPANY, VINE, WEATHER - UNKNOWN, FACILITATION OF WORK, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER
15.	% of Outages Due to Causes Listed in Previous row	25.68%, 17.57%, 12.16%, 9.46%, 8.11%, 8.11%, 6.76%, 5.41%, 2.7%, 1.35%, 1.35%, 1.35%
16.	List of Corrective Actions	Tree clearing in 2018.
17.	Comments	Two Tree Out of ROW outages account for 52% of the total SAIDI and 59% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3309002
3.	Station Name	Jeff
4.	Circuit Name	Jeff
5.	Station Location	SR 7, Jeff
6.	Area Served	Jeff
7.	Circuit Length (Mi)	5.7
8.	Number of Customers Served	123
9.	Last Circuit R/W Trim Date Completed	12/31/2013
10.	Circuit 5 Year Avg SAIDI	89.1
11.	Reporting Year SAIDI	741.1
12.	Circuit 5 Year Avg SAIFI	1
13.	Reporting Year SAIFI	1.967
14.	Outage Causes	SCHEDULED COMPANY, WEATHER - UNKNOWN, VINE, TRANSMISSION INFORMATION NEEDED
15.	% of Outages Due to Causes Listed in Previous row	42.86%, 28.57%, 14.29%, 14.29%
16.	List of Corrective Actions	Distribution Automation (DA) is planned for this circuit.
17.	Comments	Two transmission related outages and two Sheduled outages account for 99% of the total SAIDI and 97% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3309003
3.	Station Name	Jeff
4.	Circuit Name	Vlper
5.	Station Location	SR 7, Jeff
6.	Area Served	Jeff, Vlper
7.	Circuit Length (MI)	67.04
8.	Number of Customers Served	1,019
9.	Last Circuit R/W Trim Date Completed	9/30/2014
10.	Circuit 5 Year Avg SAIDI	204.5
11.	Reporting Year SAIDI	392.3
12.	Circuit 5 Year Avg SAIFI	1.1
13.	Reporting Year SAIFI	2.251
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, OTHER, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, VINE, WEATHER - FLOOD/SLIDE, ERROR OPERATIONS, TREE REMOVAL (NON AEP), SCHEDULED COMPANY, ANIMAL - NON BIRD, TREE INSIDE ROW
15.	% of Outages Due to Causes Listed in Previous row	26.83%, 21.95%, 14.63%, 7.32%, 7.32%, 4.88%, 4.88%, 2.44%, 2.44%, 2.44%, 2.44%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Three outages; one Other, one Weather - Unknown, and one Tree Out of ROW account for 75% of the total SAIDI and 76% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3309102
3.	Station Name	Whitesburg
4.	Circuit Name	Hospital
5.	Station Location	SR 931, Whitesburg
6.	Area Served	Whitesburg, including hospital
7.	Circuit Length (MI)	7.99
8.	Number of Customers Served	222
9.	Last Circuit R/W Trim Data Completed	9/21/2013
10.	Circuit 5 Year Avg SAIDI	120.6
11.	Reporting Year SAIDI	210.7
12.	Circuit 5 Year Avg SAIFI	1
13.	Reporting Year SAIFI	1.198
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE INSIDE ROW, UNKNOWN (NON WEATHER), TREE OUT OF ROW
15.	% of Outages Due to Causes Listed in Previous row	42.86%, 28.57%, 14.29%, 7.14%, 7.14%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One unknown outage accounts for 81% of the total SAIDI and 83% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3311103
3.	Station Name	StInnett
4.	Circuit Name	Wendover
5.	Station Location	Greasy Creek Road, StInnett
6.	Area Served	StInnett, Muncy Creek
7.	Circuit Length (MI)	36.83
8.	Number of Customers Served	522
9.	Last Circuit R/W Trim Date Completed	8/1/2012
10.	Circuit 5 Year Avg SAIDI	406.3
11.	Reporting Year SAIDI	778.3
12.	Circuit 5 Year Avg SAIFI	3.2
13.	Reporting Year SAIFI	5.109
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, WEATHER - LIGHTNING, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, TREE INSIDE ROW, ANIMAL - NON BIRD, VINE, OTHER, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER
15.	% of Outages Due to Causes Listed In Previous row	31.43%, 17.14%, 11.43%, 11.43%, 5.71%, 5.71%, 5.71%, 2.86%, 2.86%, 2.86%, 2.86%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Tree Out of ROW outages account for 75% of the SAIDI and 41% of the SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3311401
3.	Station Name	Reedy
4.	Circuit Name	Deane
5.	Station Location	Big Branch Rd, Reedy
6.	Area Served	Deane, Colson
7.	Circuit Length (MI)	45.44
8.	Number of Customers Served	408
9.	Last Circuit R/W Trim Date Completed	3/18/2017
10.	Circuit 5 Year Avg SAIDI	427.6
11.	Reporting Year SAIDI	809.3
12.	Circuit 5 Year Avg SAIFI	2.6
13.	Reporting Year SAIFI	6.657
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TRANSMISSION INFORMATION NEEDED, VINE, OTHER, WEATHER - UNKNOWN, VANDALISM, WEATHER - LIGHTNING, TREE INSIDE ROW, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	37.21%, 23.26%, 6.98%, 4.65%, 4.65%, 4.65%, 4.65%, 4.65%, 2.33%, 2.33%, 2.33%, 2.33%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Five feeder breaker outages (two of which were Transmission related and three were Equipment failure related) account for 53% of the total SAIDI and 75% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3311701
3.	Station Name	Shamrock
4.	Circuit Name	Shamrock
5.	Station Location	Near Harveyton Road, Bonnyman
6.	Area Served	Hazard, Bonnyman
7.	Circuit Length (MI)	28.68
8.	Number of Customers Served	425
9.	Last Circuit R/W Trim Date Completed	3/31/2014
10.	Circuit 5 Year Avg SAIDI	640.5
11.	Reporting Year SAIDI	942.6
12.	Circuit 5 Year Avg SAIFI	3.2
13.	Reporting Year SAIFI	5.108
14.	Outage Causes	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, OTHER, TREE INSIDE ROW, VINE, VEHICLE ACCIDENT (NON AEP), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, UNKNOWN (NON WEATHER)
15.	% of Outages Due to Causes Listed In Previous row	27.59%, 13.79%, 13.79%, 13.79%, 13.79%, 6.9%, 3.45%, 3.45%, 3.45%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Tree inside ROW account for 60% of the total SAIDI and 44% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3312201
3.	Station Name	Engle
4.	Circuit Name	Industrial Park
5.	Station Location	Coal Fields Industrial Drive, Engle
6.	Area Served	Coal Fields Industrial Park
7.	Circuit Length (MI)	4.29
8.	Number of Customers Served	22
9.	Last Circuit R/W Trim Date Completed	12/31/2013
10.	Circuit 5 Year Avg SAIDI	123.8
11.	Reporting Year SAIDI	47
12.	Circuit 5 Year Avg SAIFI	0.9
13.	Reporting Year SAIFI	1.136
14.	Outage Causes	WEATHER - LIGHTNING, UNKNOWN (NON WEATHER), FACILITATION OF WORK, SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed In Previous row	25%, 25%, 25%, 25%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Scheduled outages account for 84% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3312202
3.	Station Name	Engle
4.	Circuit Name	Grapevine
5.	Station Location	Coal Fields Industrial Drive, Engle
6.	Area Served	Manuel, Krypton, Dunraven
7.	Circuit Length (MI)	101.29
8.	Number of Customers Served	1,312
9.	Last Circuit R/W Trim Date Completed	12/4/2014
10.	Circuit 5 Year Avg SAIDI	760.9
11.	Reporting Year SAIDI	1,677.70
12.	Circuit 5 Year Avg SAIFI	4.4
13.	Reporting Year SAIFI	4.329
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE OUT OF ROW, WEATHER - UNKNOWN, OTHER, ANIMAL - BIRD, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), VINE, WEATHER - LIGHTNING, CUST. EQUIPMENT > 1 CUSTOMER, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, FACILITATION OF WORK
15.	% of Outages Due to Causes Listed in Previous row	22.22%, 20.83%, 16.67%, 15.28%, 5.56%, 5.56%, 2.78%, 2.78%, 1.39%, 1.39%, 1.39%, 1.39%, 1.39%, 1.39%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Tree Out of ROW outage accounts for 59% of the total SAIDI.

**Kentucky Power Company
2018 Annual Reliability Report
Section 5: Circuit Reporting**

1.	District	Hazard
2.	Station/ Circuit Number	3312901
3.	Station Name	Jenkins
4.	Circuit Name	Kona
5.	Station Location	Gateway Industrial Park, Jenkins
6.	Area Served	Payne Gap, Kona
7.	Circuit Length (Mi)	27.57
8.	Number of Customers Served	479
9.	Last Circuit R/W Trim Date Completed	12/15/2017
10.	Circuit 5 Year Avg SAIDI	194.4
11.	Reporting Year SAIDI	632.3
12.	Circuit 5 Year Avg SAIFI	1.3
13.	Reporting Year SAIFI	4.443
14.	Outage Causes	UNKNOWN (NON WEATHER), TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, OTHER, VEHICLE ACCIDENT (NON AEP), VINE, TREE INSIDE ROW, ANIMAL - NON BIRD, TRANSMISSION INFORMATION NEEDED
15.	% of Outages Due to Causes Listed In Previous row	34.62%, 15.38%, 15.38%, 7.69%, 7.69%, 3.85%, 3.85%, 3.85%, 3.85%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Three transmission related outages account for 82% of the total SAIDI and 67% of the total SAIFI.

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Section 5: Circuit Reporting

1.	District	Hazard
2.	Station/ Circuit Number	3312902
3.	Station Name	Jenkins
4.	Circuit Name	Jenkins
5.	Station Location	Gateway Industrial Park, Jenkins
6.	Area Served	Jenkins, Burdine
7.	Circuit Length (MI)	23.72
8.	Number of Customers Served	618
9.	Last Circuit R/W Trim Date Completed	8/17/2013
10.	Circuit 5 Year Avg SAIDI	190.4
11.	Reporting Year SAIDI	688.1
12.	Circuit 5 Year Avg SAIFI	2.3
13.	Reporting Year SAIFI	5.853
14.	Outage Causes	UNKNOWN (NON WEATHER), TREE OUT OF ROW, SCHEDULED COMPANY, ANIMAL - NON BIRD, TREE INSIDE ROW, EQUIPMENT FAILURE, TRANSMISSION INFORMATION NEEDED, VINE, OTHER, ANIMAL - BIRD
15.	% of Outages Due to Causes Listed in Previous row	22.22%, 18.52%, 14.81%, 11.11%, 11.11%, 7.41%, 3.7%, 3.7%, 3.7%, 3.7%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Three transmission related outages and two outages for station transformer maintenance account for 80% of the total SAIDI and 86% of the total SAIFI.

**Kentucky Power Company
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Section 5: Circuit Reporting**

1.	District	Hazard
2.	Station/ Circuit Number	3314401
3.	Station Name	Mayking
4.	Circuit Name	Erlme
5.	Station Location	HWY 119, Mayking
6.	Area Served	Mayking
7.	Circuit Length (MI)	28.75
8.	Number of Customers Served	622
9.	Last Circuit R/W Trlm Date Completed	10/30/2015
10.	Circuit 5 Year Avg SAIDI	257.2
11.	Reporting Year SAIDI	454.1
12.	Circuit 5 Year Avg SAIFI	2.2
13.	Reporting Year SAIFI	3.333
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VEHICLE ACCIDENT (NON AEP), SCHEDULED COMPANY, WEATHER - UNKNOWN, VINE, OTHER, CUST. EQUIPMENT > 1 CUSTOMER, TREE REMOVAL (NON AEP), ANIMAL - NON BIRD, TREE INSIDE ROW
15.	% of Outages Due to Causes Listed in Previous row	20%, 20%, 14.29%, 11.43%, 8.57%, 5.71%, 5.71%, 2.86%, 2.86%, 2.86%, 2.86%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Four outages; one Scheduled, one Unknown, one Tree Out of ROW, and one Vehicle Accident accounts for 72% of the total SAIDI and 73% of the total SAIFI.

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Section 5: Circuit Reporting

1.	District	Hazard
2.	Station/ Circuit Number	3314402
3.	Station Name	Mayking
4.	Circuit Name	Millstone
5.	Station Location	HWY 119, Mayking
6.	Area Served	Mayking, Thornton
7.	Circuit Length (MI)	53.5
8.	Number of Customers Served	944
9.	Last Circuit R/W Trlm Date Completed	12/15/2015
10.	Circuit 5 Year Avg SAIDI	359.3
11.	Reporting Year SAIDI	369.2
12.	Circuit 5 Year Avg SAIFI	2.3
13.	Reporting Year SAIFI	1.307
14.	Outage Causes	UNKNOWN (NON WEATHER), TREE OUT OF ROW, EQUIPMENT FAILURE, OTHER, SCHEDULED COMPANY, WEATHER - UNKNOWN, TREE INSIDE ROW, CUST. EQUIPMENT > 1 CUSTOMER, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), VINE, VANDALISM
15.	% of Outages Due to Causes Listed In Previous row	22.22%, 20.37%, 16.67%, 14.81%, 7.41%, 5.56%, 5.56%, 1.85%, 1.85%, 1.85%, 1.85%
16.	List of Corrective Actions	Rebuild 9kF of aged conductor.
17.	Comments	Two Weather related outages account for 51% of the total SAIDI.

**Kentucky Power Company
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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3400101
3.	Station Name	Allen
4.	Circuit Name	Distribution
5.	Station Location	Near Stumbo Park 1.4 miles south of Allen, KY.
6.	Area Served	City of Allen Banner Road
7.	Circuit Length (MI)	27.57
8.	Number of Customers Served	796
9.	Last Circuit R/W Trim Date Completed	2/13/2016
10.	Circuit 5 Year Avg SAIDI	247.1
11.	Reporting Year SAIDI	451.5
12.	Circuit 5 Year Avg SAIFI	1.2
13.	Reporting Year SAIFI	2.274
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, OTHER, WEATHER - LIGHTNING, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, TREE INSIDE ROW, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	26.32%, 26.32%, 10.53%, 10.53%, 5.26%, 5.26%, 5.26%, 5.26%, 5.26%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two equipment failure outages in the station zone accounted for 90% of the SAIDI and 88% of the SAIFI on this circuit.

**Kentucky Power Company
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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3400301
3.	Station Name	Betsy Layne
4.	Circuit Name	Mudcreek
5.	Station Location	Located at Justell across the river at Betsy Layne on U.S. 23.
6.	Area Served	KY Route 1426 KY Route 979 Ky Route 2030
7.	Circuit Length (MI)	77.58
8.	Number of Customers Served	1,632
9.	Last Circuit R/W Trim Date Completed	7/31/2015
10.	Circuit 5 Year Avg SAIDI	423.1
11.	Reporting Year SAIDI	537.5
12.	Circuit 5 Year Avg SAIFI	2.4
13.	Reporting Year SAIFI	2.57
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - UNKNOWN, VINE, TREE INSIDE ROW, UNKNOWN (NON WEATHER), FACILITATION OF WORK, OTHER, FOREIGN OBJECT (NON ANIMAL), UG CONST. /DIG-INS (NON AEP), WEATHER - LIGHTNING, ANIMAL - NON BIRD, VANDALISM
15.	% of Outages Due to Causes Listed In Previous row	17.91%, 16.42%, 16.42%, 10.45%, 8.96%, 8.96%, 7.46%, 4.48%, 1.49%, 1.49%, 1.49%, 1.49%, 1.49%, 1.49%
16.	List of Corrective Actions	Planned cutout replacements for 2018
17.	Comments	One equipment failure accounted for 22% of SAIDI for this circuit. One instance of tree inside row accounted for 24% of the total SAIDI. These two outages accounted for 66% of the total SAIFI.

**Kentucky Power Company
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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3400302
3.	Station Name	Betsy Layne
4.	Circuit Name	Tram
5.	Station Location	Located at Justell across the river at Betsy Layne on U.S. 23.
6.	Area Served	US 23 Mare Creek Ivy Creek
7.	Circuit Length (MI)	34.93
8.	Number of Customers Served	889
9.	Last Circuit R/W Trim Date Completed	9/24/2016
10.	Circuit 5 Year Avg SAIDI	296.9
11.	Reporting Year SAIDI	664.3
12.	Circuit 5 Year Avg SAIFI	1.5
13.	Reporting Year SAIFI	2.449
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, OTHER, UNKNOWN (NON WEATHER), VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING, TREE INSIDE ROW
15.	% of Outages Due to Causes Listed In Previous row	58.62%, 13.79%, 6.9%, 6.9%, 3.45%, 3.45%, 3.45%, 3.45%
16.	List of Corrective Actions	Planned cutout replacements for 2018
17.	Comments	Two instances of equipment failure accounted for 89% of the total SAIDI and 82% of the total SAIFI. This caused the circuit to exceed our 5 yr average in both SAIDI & SAIFI.

Kentucky Power Company
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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3400303
3.	Station Name	Betsy Layne
4.	Circuit Name	Harold
5.	Station Location	Located at Justell across the river at Betsy Layne on U.S. 23.
6.	Area Served	Off US 23, Scalf Road, Betsy Layne
7.	Circuit Length (MI)	55.74
8.	Number of Customers Served	1,625
9.	Last Circuit R/W Trim Date Completed	6/20/2015
10.	Circuit 5 Year Avg SAIDI	333.8
11.	Reporting Year SAIDI	439.8
12.	Circuit 5 Year Avg SAIFI	2.1
13.	Reporting Year SAIFI	2.613
14.	Outage Causes	TREE INSIDE ROW, EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), FACILITATION OF WORK, VINE, OTHER, WEATHER - UNKNOWN, WEATHER - LIGHTNING, TREE REMOVAL (NON AEP), UG CONST. /DIG-INS (NON AEP), ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed in Previous row	21.88%, 20.83%, 11.46%, 10.42%, 8.33%, 7.29%, 5.21%, 5.21%, 3.13%, 2.08%, 2.08%, 1.04%, 1.04%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two instances of equipment failure accounted for 55% of the total SAIDI and 48% of the total SAIFI.

**Kentucky Power Company
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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3400602
3.	Station Name	Burton
4.	Circuit Name	Wheelwright
5.	Station Location	Located on Route 122 between Wheelwright, KY and HI Hat, KY.
6.	Area Served	Wheelwright Melvin
7.	Circuit Length (MI)	20.81
8.	Number of Customers Served	723
9.	Last Circuit R/W Trlm Date Completed	2/28/2014
10.	Circuit 5 Year Avg SAIDI	331.4
11.	Reporting Year SAIDI	565.4
12.	Circuit 5 Year Avg SAIFI	1.5
13.	Reporting Year SAIFI	2.173
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE OUT OF ROW, OTHER, VEHICLE ACCIDENT (NON AEP), VINE, ANIMAL - BIRD, WEATHER - UNKNOWN, TREE REMOVAL (NON AEP), UNKNOWN (NON WEATHER)
15.	% of Outages Due to Causes Listed In Previous row	23.08%, 23.08%, 19.23%, 7.69%, 7.69%, 3.85%, 3.85%, 3.85%, 3.85%, 3.85%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Five Instances of Trees Out of ROW accounted for 36% of SAIDI for this circuit In 2017. One Vehicle Accident (Non AEP) and one Scheduled Company together accounted for 43% of the total SAIFI.

**Kentucky Power Company
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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3400701
3.	Station Name	Draffin
4.	Circuit Name	Belcher
5.	Station Location	Near Road Creek Road, Elkhorn City, KY
6.	Area Served	Draffin, Belcher, KY
7.	Circuit Length (MI)	21.82
8.	Number of Customers Served	398
9.	Last Circuit R/W Trim Date Completed	1/31/2013
10.	Circuit 5 Year Avg SAIDI	275.4
11.	Reporting Year SAIDI	192.8
12.	Circuit 5 Year Avg SAIFI	1.7
13.	Reporting Year SAIFI	1.967
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE INSIDE ROW, VINE, CONTAMINATION/FLASHOVER, FACILITATION OF WORK, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	33.33%, 23.81%, 14.29%, 9.52%, 4.76%, 4.76%, 4.76%, 4.76%
16.	List of Corrective Actions	Cycle trimming planned for 2018.
17.	Comments	One Tree Out of ROW outage accounted for 50% of the total SAIDI and 51.1% of the total SAIFI.

**Kentucky Power Company
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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3401101
3.	Station Name	Falcon
4.	Circuit Name	Oil Springs
5.	Station Location	On Route 40 East, 2.6 miles from Salyersville.
6.	Area Served	Highway 460 W, Salyersville
7.	Circuit Length (MI)	48.05
8.	Number of Customers Served	642
9.	Last Circuit R/W Trlm Date Completed	10/1/2014
10.	Circuit 5 Year Avg SAIDI	563.4
11.	Reporting Year SAIDI	582
12.	Circuit 5 Year Avg SAIFI	2.7
13.	Reporting Year SAIFI	2.989
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, ANIMAL - NON BIRD, TREE INSIDE ROW, SCHEDULED COMPANY, OTHER, UNKNOWN (NON WEATHER), VANDALISM, WEATHER - LIGHTNING, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	33.33%, 21.43%, 9.52%, 9.52%, 7.14%, 7.14%, 4.76%, 2.38%, 2.38%, 2.38%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Tree Out of ROW accounted for 35% of the total SAIDI and 33% of the total SAIFI for this circuit in 2017.

**Kentucky Power Company
2018 Annual Reliability Report
Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3401103
3.	Station Name	Falcon
4.	Circuit Name	Burning Fork
5.	Station Location	On Route 40 East, 2.6 miles from Salyersville.
6.	Area Served	Highway 460 W, Salyersville
7.	Circuit Length (MI)	73.19
8.	Number of Customers Served	1,377
9.	Last Circuit R/W Trim Date Completed	5/31/2015
10.	Circuit 5 Year Avg SAIDI	603.9
11.	Reporting Year SAIDI	619
12.	Circuit 5 Year Avg SAIFI	2.7
13.	Reporting Year SAIFI	2.409
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, ANIMAL - NON BIRD, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, CUST. EQUIPMENT > 1 CUSTOMER, WEATHER - LIGHTNING, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, TREE INSIDE ROW, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), ERROR - FIELD, UG CONST. /DIG-INS (NON AEP), VANDALISM, VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	25.42%, 20.34%, 16.95%, 8.47%, 6.78%, 3.39%, 3.39%, 3.39%, 3.39%, 1.69%, 1.69%, 1.69%, 1.69%, 1.69%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder breaker outage caused by lightning accounted for 26% of the total SAIDI and 40% of the total SAIFI.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3401702
3.	Station Name	Henry Clay
4.	Circuit Name	Regina
5.	Station Location	Near Marrowbone, Creek, Elkhorn City, KY
6.	Area Served	Rockhouse, Greasy Creek, Penny, Millard, KY
7.	Circuit Length (MI)	114.05
8.	Number of Customers Served	2,552
9.	Last Circuit R/W Trlm Date Completed	9/16/2017
10.	Circuit 5 Year Avg SAIDI	431.9
11.	Reporting Year SAIDI	588.4
12.	Circuit 5 Year Avg SAIFI	2.6
13.	Reporting Year SAIFI	3.085
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TREE OUT OF ROW, TREE INSIDE ROW, OTHER, WEATHER - UNKNOWN, TREE REMOVAL (NON AEP), ERROR - FIELD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, VINE, ERROR - OPERATIONS, VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	24.24%, 22.22%, 16.16%, 12.12%, 6.06%, 5.05%, 4.04%, 3.03%, 2.02%, 2.02%, 1.01%, 1.01%, 1.01%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Tree Out of ROW outage accounted for 24.7% of the total SAIDI and 32.2% of the total SAIFI.

Kentucky Power Company
2018 Annual Reliability Report
Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3401703
3.	Station Name	Henry Clay
4.	Circuit Name	Ashcamp
5.	Station Location	Near Marrowbone, Creek, Elkhorn City, KY
6.	Area Served	Hellier, Ashcamp, KY
7.	Circuit Length (Mi)	42.38
8.	Number of Customers Served	776
9.	Last Circuit R/W Trim Date Completed	10/15/2016
10.	Circuit 5 Year Avg SAIDI	435.9
11.	Reporting Year SAIDI	429.5
12.	Circuit 5 Year Avg SAIFI	2.5
13.	Reporting Year SAIFI	3.405
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, VEHICLE ACCIDENT (NON AEP), TREE INSIDE ROW, WEATHER - UNKNOWN, SCHEDULED COMPANY, ERROR - FIELD, VINE
15.	% of Outages Due to Causes Listed In Previous row	28.95%, 23.68%, 15.79%, 7.89%, 7.89%, 5.26%, 5.26%, 2.63%, 2.63%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two feeder outages due to Tree Out of ROW accounted for 82.1% of the total SAIDI and 58.5% of the total SAIFI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3402002
3.	Station Name	Keyser
4.	Circuit Name	Stonecoal
5.	Station Location	Near North Mayo Trail, Pikeville, KY
6.	Area Served	Zebulon, KY
7.	Circuit Length (MI)	37.75
8.	Number of Customers Served	779
9.	Last Circuit R/W Trim Date Completed	3/13/2018
10.	Circuit 5 Year Avg SAIDI	310
11.	Reporting Year SAIDI	407.9
12.	Circuit 5 Year Avg SAIFI	2.1
13.	Reporting Year SAIFI	3.589
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, TREE INSIDE ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VEHICLE ACCIDENT (NON AEP), VINE, OTHER, WEATHER - UNKNOWN, TRANSMISSION INFORMATION NEEDED, VANDALISM
15.	% of Outages Due to Causes Listed in Previous row	27.59%, 18.97%, 17.24%, 17.24%, 5.17%, 3.45%, 3.45%, 1.72%, 1.72%, 1.72%, 1.72%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One station outage due to Transmission accounted for 18.7% of the total SAIDI and 26.9% of the total SAIFI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3402204
3.	Station Name	MckInney
4.	Circuit Name	Maytown
5.	Station Location	On Cow Hollow Road near Drift, KY.
6.	Area Served	Langley Maytown Turkey Cr.
7.	Circuit Length (MI)	35.47
8.	Number of Customers Served	508
9.	Last Circuit R/W Trim Date Completed	9/10/2016
10.	Circuit 5 Year Avg SAIDI	363.1
11.	Reporting Year SAIDI	2,107.30
12.	Circuit 5 Year Avg SAIFI	2.2
13.	Reporting Year SAIFI	5.47
14.	Outage Causes	TREE OUT OF ROW, OTHER, VEHICLE ACCIDENT (NON AEP), TREE REMOVAL (NON AEP), SCHEDULED COMPANY, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), EQUIPMENT FAILURE
15.	% of Outages Due to Causes Listed in Previous row	73.08%, 7.69%, 3.85%, 3.85%, 3.85%, 3.85%, 3.85%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Trees out of ROW accounted for 96% of theSAIDI and 87% of SAIFI for this circuit in 2017.

**Kentucky Power Company
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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3402501
3.	Station Name	Middle Creek
4.	Circuit Name	Distribution
5.	Station Location	On Route 404 near David Ky.
6.	Area Served	Off KY RT 404 David, KY
7.	Circuit Length (MI)	5.79
8.	Number of Customers Served	115
9.	Last Circuit R/W Trim Date Completed	10/22/2016
10.	Circuit 5 Year Avg SAIDI	360.2
11.	Reporting Year SAIDI	524.1
12.	Circuit 5 Year Avg SAIFI	1.8
13.	Reporting Year SAIFI	1.078
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	50%, 33.33%, 16.67%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	A scheduled outage to replace failed high side switches in the substation accounted for 96% of SAIDI. This caused the circuit to exceed the 5 year average for SAIDI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3403202
3.	Station Name	Beaver Creek
4.	Circuit Name	Price
5.	Station Location	At the Junction of Hwy 122 and Hwy 979 at Hi Hat, KY.
6.	Area Served	KY Route 122 Spewing Camp
7.	Circuit Length (MI)	25.71
8.	Number of Customers Served	423
9.	Last Circuit R/W Trim Date Completed	5/9/2014
10.	Circuit 5 Year Avg SAIDI	351.7
11.	Reporting Year SAIDI	269.5
12.	Circuit 5 Year Avg SAIFI	1.7
13.	Reporting Year SAIFI	2.853
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, TREE INSIDE ROW, WEATHER - UNKNOWN, WEATHER - LIGHTNING
15.	% of Outages Due to Causes Listed in Previous row	44.44%, 22.22%, 11.11%, 11.11%, 5.56%, 5.56%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Equipment Failure outage that was required to disconnect a falling 138kV capacitor accounted for 34% of the SAIFI. This caused the circuit to exceed the 5 year average for SAIFI.

**Kentucky Power Company
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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3403701
3.	Station Name	Russell Fork
4.	Circuit Name	Little Beaver
5.	Station Location	Near Beaver Creek Road, Elkhorn City, KY
6.	Area Served	Beaver Creek Road, Left Fork
7.	Circuit Length (MI)	12.36
8.	Number of Customers Served	129
9.	Last Circuit R/W Trim Date Completed	12/16/2017
10.	Circuit 5 Year Avg SAIDI	409.1
11.	Reporting Year SAIDI	1,359.00
12.	Circuit 5 Year Avg SAIFI	2.4
13.	Reporting Year SAIFI	3.698
14.	Outage Causes	TREE INSIDE ROW, TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - UNKNOWN, TREE REMOVAL (NON AEP), SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed In Previous row	21.05%, 21.05%, 15.79%, 15.79%, 10.53%, 10.53%, 5.26%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Scheduled Company feeder outage accounted for 30.1% of the total SAIDI and 26.6% of the total SAIFI. Two Tree Out of ROW outages accounted for 28.3% of the total SAIDI and 16.8% of the total SAIFI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3407101
3.	Station Name	Topmost
4.	Circuit Name	Dema
5.	Station Location	Beside Hwy 7 near Topmost, KY.
6.	Area Served	HWY 7 Dema
7.	Circuit Length (MI)	36.47
8.	Number of Customers Served	529
9.	Last Circuit R/W Trlm Data Completed	4/15/2016
10.	Circuit 5 Year Avg SAIDI	251.3
11.	Reporting Year SAIDI	413.4
12.	Circuit 5 Year Avg SAIFI	1.2
13.	Reporting Year SAIFI	1.586
14.	Outage Causes	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, CUST. EQUIPMENT > 1 CUSTOMER, OTHER, UNKNOWN (NON WEATHER), TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	52.38%, 14.29%, 9.52%, 9.52%, 4.76%, 4.76%, 4.76%
16.	List of Corrective Actions	Moving sections of Inaccessible lline near road to llimit exposure to trees.
17.	Comments	Three Instances of Tree Out of ROW accounted for 75% of SAIDI and 70% of SAIFI. This caused the circuit to exceed the 5 year average for both SAIDI & SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3407103
3.	Station Name	Topmost
4.	Circuit Name	Klte
5.	Station Location	Beside Hwy 7 near Topmost, KY.
6.	Area Served	SR 7, Roaring Branch Road, Hall Branch Road, Mullins Branch Road
7.	Circuit Length (MI)	25.41
8.	Number of Customers Served	354
9.	Last Circuit R/W Trim Date Completed	6/15/2016
10.	Circuit 5 Year Avg SAIDI	251.6
11.	Reporting Year SAIDI	370.4
12.	Circuit 5 Year Avg SAIFI	1.3
13.	Reporting Year SAIFI	1.370
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, OTHER, FIRE - AEP, OR AFFECTING > 1 CUSTOMER
15.	% of Outages Due to Causes Listed in Previous row	30.77%, 30.77%, 15.38%, 15.38%, 7.69%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One scheduled outage accounted for 79% of the SAIDI and 73% of the SAIFI for this circuit in 2017.

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1.	District	Pikeville
2.	Station/ Circuit Number	3408103
3.	Station Name	Sallsbury
4.	Circuit Name	Martin
5.	Station Location	On Route 122 East 2.2 miles from Martin, KY.
6.	Area Served	Martin Stephens Br Bucks Br.
7.	Circuit Length (MI)	47.1
8.	Number of Customers Served	1,088
9.	Last Circuit R/W Trim Date Completed	8/30/2013
10.	Circuit 5 Year Avg SAIDI	93.6
11.	Reporting Year SAIDI	570.9
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	3.179
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), OTHER, TREE INSIDE ROW, VINE, VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING, TREE REMOVAL (NON AEP), ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed in Previous row	29.79%, 21.28%, 12.77%, 8.51%, 8.51%, 6.38%, 4.26%, 2.13%, 2.13%, 2.13%, 2.13%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage due to Tree Out of ROW accounted for 32% of SAIDI and 21% of SAIFI for this circuit in 2017. One vehicle accident accounted for 32% of SAIDI for and 24% of SAIFI this circuit in 2017.

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1.	District	Pikeville
2.	Station/ Circuit Number	3408304
3.	Station Name	Coleman
4.	Circuit Name	Calloway
5.	Station Location	Along Calloway Branch just off Right Fork of Peter Creek (Phelps 632 Road)
6.	Area Served	Coleman, KY
7.	Circuit Length (MI)	38.52
8.	Number of Customers Served	547
9.	Last Circuit R/W Trim Data Completed	12/15/2015
10.	Circuit 5 Year Avg SAIDI	709.4
11.	Reporting Year SAIDI	1,022.10
12.	Circuit 5 Year Avg SAIFI	2.5
13.	Reporting Year SAIFI	3.415
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, VEHICLE ACCIDENT (NON AEP), UNKNOWN (NON WEATHER), SCHEDULED COMPANY, ANIMAL - BIRD
15.	% of Outages Due to Causes Listed In Previous row	44.83%, 27.59%, 10.34%, 6.9%, 6.9%, 3.45%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two Tree Out of ROW outages accounted for 52.1% of the total SAIDI and 34.2% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3408402
3.	Station Name	Klmpcr
4.	Circuit Name	Grapevine
5.	Station Location	Near State Highway 194 E, Klmpcr, KY
6.	Area Served	Phyllis, KY
7.	Circuit Length (MI)	35.63
8.	Number of Customers Served	613
9.	Last Circuit R/W Trim Date Completed	3/13/2018
10.	Circuit 5 Year Avg SAIDI	887.3
11.	Reporting Year SAIDI	919.6
12.	Circuit 5 Year Avg SAIFI	4.2
13.	Reporting Year SAIFI	2.6
14.	Outage Causes	TREE OUT OF ROW, TREE INSIDE ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - UNKNOWN, CUST. EQUIPMENT > 1 CUSTOMER, OTHER, Grand Total
15.	% of Outages Due to Causes Listed in Previous row	30.56%, 19.44%, 19.44%, 11.11%, 8.33%, 5.56%, 2.78%, 2.78%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two Tree Out of ROW outages accounted for 53.9% of the total SAIDI and 57% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3409001
3.	Station Name	West Paintsville
4.	Circuit Name	Paintsville
5.	Station Location	On William Henry Dixon Blvd off of Hwy 40 in Paintsville, KY.
6.	Area Served	3rd Street 4th Street 5th Street Court Street
7.	Circuit Length (MI)	4.08
8.	Number of Customers Served	266
9.	Last Circuit R/W Trim Date Completed	10/7/2017
10.	Circuit 5 Year Avg SAIDI	167.3
11.	Reporting Year SAIDI	541.8
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	1.838
14.	Outage Causes	EQUIPMENT FAILURE, TREE INSIDE ROW, WEATHER - UNKNOWN, VINE, CUST. EQUIPMENT > 1 CUSTOMER, TREE OUT OF ROW
15.	% of Outages Due to Causes Listed in Previous row	35.71%, 35.71%, 7.14%, 7.14%, 7.14%, 7.14%
16.	List of Corrective Actions	Planned cutout replacements for 2018
17.	Comments	One feeder outage due to Weather-Unknown accounted for 17% of SAIDI and 54% of SAIFI. One outage due to Tree In ROW accounted for 55% of SAIDI and 28% of SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3409003
3.	Station Name	West Paintsville
4.	Circuit Name	Plaza
5.	Station Location	On William Henry Dixon Blvd off of Hwy 40 in Paintsville, KY.
6.	Area Served	West Paintsville Hwy 460
7.	Circuit Length (MI)	24.32
8.	Number of Customers Served	725
9.	Last Circuit R/W Trim Date Completed	5/20/2017
10.	Circuit 5 Year Avg SAIDI	367.5
11.	Reporting Year SAIDI	407.4
12.	Circuit 5 Year Avg SAIFI	2.1
13.	Reporting Year SAIFI	2.672
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, ANIMAL - NON BIRD, TREE OUT OF ROW, TREE INSIDE ROW, UNKNOWN (NON WEATHER), CUST. EQUIPMENT > 1 CUSTOMER
15.	% of Outages Due to Causes Listed In Previous row	36.84%, 21.05%, 10.53%, 10.53%, 10.53%, 5.26%, 5.26%
16.	List of Corrective Actions	Planned cutout replacements for 2018.
17.	Comments	One feeder outage caused by Tree Out ROW accounted for 19% of SAIDI and 37% of SAIFI for this circuit in 2017.

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1.	District	Pikeville
2.	Station/ Circuit Number	3409402
3.	Station Name	Feds Creek
4.	Circuit Name	Lick Creek
5.	Station Location	On Hwy 460 near Card Mtn Road.
6.	Area Served	Lick Creek, Ferrells Creek
7.	Circuit Length (Mi)	17.81
8.	Number of Customers Served	333
9.	Last Circuit R/W Trfm Date Completed	8/28/2015
10.	Circuit 5 Year Avg SAIDI	171.9
11.	Reporting Year SAIDI	247.9
12.	Circuit 5 Year Avg SAIFI	1.4
13.	Reporting Year SAIFI	2.369
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, OTHER, VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING, TREE OUT OF ROW, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	23.08%, 23.08%, 23.08%, 7.69%, 7.69%, 7.69%, 7.69%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two outages classified as Other which were required to perform planned work accounted for 22.9% of the total SAIDI and 82.4% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3409503
3.	Station Name	BurdIne
4.	Circuit Name	Jenkins
5.	Station Location	Ellson Ln, BurdIne
6.	Area Served	BurdIne, East Jenkins
7.	Circuit Length (MI)	8.32
8.	Number of Customers Served	352
9.	Last Circuit R/W Trlm Date Completed	3/1/2018
10.	Circuit 5 Year Avg SAIDI	238
11.	Reporting Year SAIDI	735.9
12.	Circuit 5 Year Avg SAIFI	2.9
13.	Reporting Year SAIFI	1.56
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed in Previous row	50%, 30%, 10%, 10%
16.	List of Corrective Actions	Add switches to aid in partial restoration efforts.
17.	Comments	One outage on high side of the station transformer accounts for 41% of the total SAIDI. One Tree Our of ROW accounts for 52% of the total SAIDI. These two outages account for 93% of the total SAIDI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3410501
3.	Station Name	South Pikeville
4.	Circuit Name	Pikeville
5.	Station Location	Near South Mayo Trall, Pikeville, KY
6.	Area Served	Pikeville, KY
7.	Circuit Length (MI)	14.33
8.	Number of Customers Served	688
9.	Last Circuit R/W Trlm Date Completed	4/8/2017
10.	Circuit 5 Year Avg SAIDI	164.7
11.	Reporting Year SAIDI	342.5
12.	Circuit 5 Year Avg SAIFI	1.2
13.	Reporting Year SAIFI	1.145
14.	Outage Causes	EQUIPMENT FAILURE, TREE INSIDE ROW, WEATHER - UNKNOWN, SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	29.41%, 23.53%, 11.76%, 11.76%, 11.76%, 5.88%, 5.88%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage due to Vehicle Accident (Non AEP) accounted for 90.6% of the total SAIDI and 87.2% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3410502
3.	Station Name	South Pikeville
4.	Circuit Name	Islandcre
5.	Station Location	Near South Mayo Trall, Pikeville, KY
6.	Area Served	Pikeville, Little Dixie, KY
7.	Circuit Length (Mi)	40.70
8.	Number of Customers Served	894
9.	Last Circuit R/W Trim Date Completed	4/11/2014
10.	Circuit 5 Year Avg SAIDI	462
11.	Reporting Year SAIDI	336.5
12.	Circuit 5 Year Avg SAIFI	1.8
13.	Reporting Year SAIFI	2.011
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, SCHEDULED COMPANY, ERROR - FIELD, TREE INSIDE ROW, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	39.53%, 25.58%, 18.6%, 4.65%, 4.65%, 2.33%, 2.33%, 2.33%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage due to Equipment Failure accounted for 55.2% of the total SAIDI and 49.4% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3410602
3.	Station Name	East Prestonsburg
4.	Circuit Name	Lancer
5.	Station Location	Near S. Lakeside Drive In Prestonsburg
6.	Area Served	S Lake Dr, Lake Rd, SR 1428, N Roberts Dr, S Roberts Dr, Goble Ln
7.	Circuit Length (MI)	24.96
8.	Number of Customers Served	971
9.	Last Circuit R/W Trim Date Completed	3/31/2015
10.	Circuit 5 Year Avg SAIDI	169.6
11.	Reporting Year SAIDI	415.3
12.	Circuit 5 Year Avg SAIFI	0.9
13.	Reporting Year SAIFI	2.203
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - LIGHTNING, ANIMAL - NON BIRD, OTHER
15.	% of Outages Due to Causes Listed In Previous row	46.15%, 19.23%, 15.38%, 7.69%, 7.69%, 3.85%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two feeder outages due to Equipment Failure accounted for 92% of SAIDI and 91% of SAIFI for this circuit in 2017. One was a failed arrester in the station and one was a failed cutout on the distribution circuit.

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1.	District	Pikeville
2.	Station/ Circuit Number	3411801
3.	Station Name	Johns Creek
4.	Circuit Name	Meta
5.	Station Location	Near State Highway 194 E, Kimper, KY
6.	Area Served	Meta, Varney, KY
7.	Circuit Length (Mi)	167.29
8.	Number of Customers Served	2,026
9.	Last Circuit R/W Trim Date Completed	12/1/2015
10.	Circuit 5 Year Avg SAIDI	705.4
11.	Reporting Year SAIDI	998.7
12.	Circuit 5 Year Avg SAIFI	3
13.	Reporting Year SAIFI	5.824
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, VEHICLE ACCIDENT (NON AEP), ANIMAL - BIRD, OTHER, VINE, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - LIGHTNING, ANIMAL - NON BIRD, VANDALISM, TREE INSIDE ROW, CUST. EQUIPMENT > 1 CUSTOMER, ANIMAL BUS
15.	% of Outages Due to Causes Listed In Previous row	28.28%, 25.25%, 12.12%, 7.07%, 4.04%, 3.03%, 3.03%, 2.02%, 2.02%, 2.02%, 2.02%, 2.02%, 2.02%, 1.01%, 1.01%
16.	List of Corrective Actions	Cycle trimming planned for 2018.
17.	Comments	Two station outages, Animal-Bird and Animal-Non Bird, accounted for 24.7% of the total SAIDI and 22.1% of the total SAIFI. One Equipment Failure outage caused by a broken cutout accounted for 5.7% of the total SAIDI and 11.1% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3411802
3.	Station Name	Johns Creek
4.	Circuit Name	Raccoon
5.	Station Location	Near State Highway 194 E, Kimper, KY
6.	Area Served	Raccoon, Kimper, KY
7.	Circuit Length (MI)	85.89
8.	Number of Customers Served	1,695
9.	Last Circuit R/W Trim Date Completed	5/31/2016
10.	Circuit 5 Year Avg SAIDI	472.4
11.	Reporting Year SAIDI	660.9
12.	Circuit 5 Year Avg SAIFI	3.4
13.	Reporting Year SAIFI	3.753
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, VEHICLE ACCIDENT (NON AEP), ANIMAL - BIRD, OTHER, VINE, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - LIGHTNING, ANIMAL - NON BIRD, VANDALISM, TREE INSIDE ROW, CUST. EQUIPMENT > 1 CUSTOMER, ANIMAL BUS, SCHEDULED COMPANY, FOREIGN OBJECT (NON ANIMAL), TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	28.28%, 25.25%, 12.12%, 7.07%, 4.04%, 3.03%, 3.03%, 2.02%, 2.02%, 2.02%, 2.02%, 2.02%, 2.02%, 1.01%, 1.01%, 1.01%, 1.01%, 1.01%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two station outages, Animal-Bird and Animal-Non Bird, accounted for 57.9% of the total SAIDI and 54% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3412901
3.	Station Name	Weeksbury
4.	Circuit Name	Distribution
5.	Station Location	On Skull Fk about 4 miles from Melvin, KY.
6.	Area Served	KY Route 466 Skull Fk.
7.	Circuit Length (MI)	26.45
8.	Number of Customers Served	428
9.	Last Circuit R/W Trim Date Completed	1/31/2014
10.	Circuit 5 Year Avg SAIDI	601.3
11.	Reporting Year SAIDI	1,038.90
12.	Circuit 5 Year Avg SAIFI	2.3
13.	Reporting Year SAIFI	4.362
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), OTHER, ABNORMAL FEED, VEHICLE ACCIDENT (NON AEP), TRANSMISSION INFORMATION NEEDED
15.	% of Outages Due to Causes Listed in Previous row	28.57%, 23.81%, 14.29%, 9.52%, 9.52%, 4.76%, 4.76%, 4.76%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Trees out of ROW accounted for 70% of SAIDI and 57% of SAIFI for this circuit in 2017, causing the circuit to exceed the 5 year average of SAIDI & SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3413402
3.	Station Name	Garrett
4.	Circuit Name	Lackey
5.	Station Location	On Route 777 at Garrett, KY.
6.	Area Served	Hwy 7 Hwy 550
7.	Circuit Length (MI)	34.98
8.	Number of Customers Served	541
9.	Last Circuit R/W Trim Date Completed	1/28/2017
10.	Circuit 5 Year Avg SAIDI	247.9
11.	Reporting Year SAIDI	483.5
12.	Circuit 5 Year Avg SAIFI	1
13.	Reporting Year SAIFI	2.701
14.	Outage Causes	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, VANDALISM, ANIMAL - BIRD, VINE, FACILITATION OF WORK, UNKNOWN (NON WEATHER)
15.	% of Outages Due to Causes Listed In Previous row	56%, 12%, 12%, 4%, 4%, 4%, 4%, 4%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Scheduled Outages accounted for 78% of both SAIDI and SAIFI for this circuit in 2017, causing the circuit to exceed the 5 yr average of SAIDI & SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3417602
3.	Station Name	New Camp
4.	Circuit Name	Appal. Reg. Hospital
5.	Station Location	Near New Camp Road, South Williamson, KY
6.	Area Served	Turkey Creek, KY
7.	Circuit Length (MI)	21.57
8.	Number of Customers Served	695
9.	Last Circuit R/W Trim Date Completed	10/14/2017
10.	Circuit 5 Year Avg SAIDI	332.8
11.	Reporting Year SAIDI	262.8
12.	Circuit 5 Year Avg SAIFI	2.6
13.	Reporting Year SAIFI	3.458
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, OTHER, TREE INSIDE ROW, UNKNOWN (NON WEATHER), ERROR - FIELD, WEATHER - UNKNOWN, ANIMAL - NON BIRD, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	25.71%, 22.86%, 14.29%, 11.43%, 8.57%, 5.71%, 2.86%, 2.86%, 2.86%, 2.86%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One pole fire outage that was classified as Other, accounted for 5.3% of the total SAIDI and 20.2% of the total SAIFI. One Tree Out of ROW outage accounted for 49.7% of the total SAIDI and 20.3% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3420001
3.	Station Name	Soft Shell
4.	Circuit Name	Vest
5.	Station Location	Raymond Smith Dr, Leburn
6.	Area Served	Soft Shell, Vest, Tlna
7.	Circuit Length (MI)	56.26
8.	Number of Customers Served	527
9.	Last Circuit R/W Trfm Date Completed	4/6/2016
10.	Circuit 5 Year Avg SAIDI	369.7
11.	Reporting Year SAIDI	431.4
12.	Circuit 5 Year Avg SAIFI	1.9
13.	Reporting Year SAIFI	1.82
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, OTHER, SCHEDULED COMPANY, ANIMAL - NON BIRD, ERROR - FIELD, UNKNOWN (NON WEATHER), FACILITATION OF WORK, FIRE - AEP, OR AFFECTING > 1 CUSTOMER
15.	% of Outages Due to Causes Listed in Previous row	37.5%, 21.88%, 12.5%, 12.5%, 3.13%, 3.13%, 3.13%, 3.13%, 3.13%,
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Trees Out of ROW accounted for 84% of the total SAIDI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3420101
3.	Station Name	Mayo Trail
4.	Circuit Name	Nippa
5.	Station Location	Just off Euclid Ave along Ponderosa Drive in Paintsville, KY.
6.	Area Served	Camp Br. Boyd Br.
7.	Circuit Length (MI)	22.69
8.	Number of Customers Served	500
9.	Last Circuit R/W Trim Date Completed	1/7/2017
10.	Circuit 5 Year Avg SAIDI	298.5
11.	Reporting Year SAIDI	378.4
12.	Circuit 5 Year Avg SAIFI	2
13.	Reporting Year SAIFI	2.03
14.	Outage Causes	SCHEDULED COMPANY, TREE OUT OF ROW, TREE INSIDE ROW, ANIMAL - NON BIRD, VINE, EQUIPMENT FAILURE, CUST. EQUIPMENT > 1 CUSTOMER, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	24%, 20%, 20%, 12%, 8%, 8%, 4%, 4%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Instance of Equipment Failure accounted for 33% of SAIDI and 35% of SAIFI, causing the circuit to exceed the 5 year averages of SAIDI and SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3451202
3.	Station Name	Beehide
4.	Circuit Name	Dunham
5.	Station Location	Wyatt Row, Beehide
6.	Area Served	Beehide
7.	Circuit Length (MI)	9.37
8.	Number of Customers Served	217
9.	Last Circuit R/W Trim Date Completed	3/1/2013
10.	Circuit 5 Year Avg SAIDI	251.1
11.	Reporting Year SAIDI	621.4
12.	Circuit 5 Year Avg SAIFI	1.7
13.	Reporting Year SAIFI	1.207
14.	Outage Causes	UNKNOWN (NON WEATHER), TREE OUT OF ROW, OTHER, SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed In Previous row	40%, 20%, 20%, 20%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One transmission outage accounts for 92% of the total SAIDI.

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1.	District	Pikeville
2.	Station/ Circuit Number	2150103
3.	Station Name	Sprigg
4.	Circuit Name	Sprigg
5.	Station Location	Lobata, KY
6.	Area Served	Sprigg, KY
7.	Circuit Length (MI)	8.95
8.	Number of Customers Served	133
9.	Last Circuit R/W Trim Date Completed	3/17/2018
10.	Circuit 5 Year Avg SAIDI	472.8
11.	Reporting Year SAIDI	2,204.00
12.	Circuit 5 Year Avg SAIFI	1.9
13.	Reporting Year SAIFI	8.18
14.	Outage Causes	TREE OUT OF ROW, VINE, EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE INSIDE ROW, FIRE - AEP, OR AFFECTING > 1 CUSTOMER
15.	% of Outages Due to Causes Listed in Previous row	45%, 20%, 15%, 10%, 5%, 5%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two Scheduled Company outages accounted for 53.1% of the total SAIDI and 55.5% of the total SAIFI. Three Tree Out of ROW outages accounted for 35% of the total SAIDI and 28% of the total SAIFI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	2150105
3.	Station Name	Sprigg
4.	Circuit Name	Matewan
5.	Station Location	Lobata, KY
6.	Area Served	Matewan, KY
7.	Circuit Length (MI)	7.87
8.	Number of Customers Served	127
9.	Last Circuit R/W Trim Date Completed	2/24/2018
10.	Circuit 5 Year Avg SAIDI	626.8
11.	Reporting Year SAIDI	1,101.70
12.	Circuit 5 Year Avg SAIFI	2.9
13.	Reporting Year SAIFI	3.559
14.	Outage Causes	TREE OUT OF ROW, TREE INSIDE ROW, UNKNOWN (NON WEATHER), VINE, SCHEDULED COMPANY, EQUIPMENT FAILURE, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - LIGHTNING, WEATHER - UNKNOWN
15.	% of Outages Due to Causes Listed In Previous row	34.62%, 23.08%, 11.54%, 11.54%, 3.85%, 3.85%, 3.85%, 3.85%, 3.85%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two Tree Out Of ROW outages resulted 47.5% of the total SAIDI and 12.4% of the total SAIFI. One feeder outage caused by Equipment Failure (falled cutout) accounted for 12% of the total SAIDI and 27.9% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	2150501
3.	Station Name	Borderland
4.	Circuit Name	Nolan
5.	Station Location	Near Deskins Drive, Williamson, WV
6.	Area Served	Nolan, WV Hatfield, KY
7.	Circuit Length (Mi)	18.51
8.	Number of Customers Served	198
9.	Last Circuit R/W Trim Date Completed	12/1/2014
10.	Circuit 5 Year Avg SAIDI	421.8
11.	Reporting Year SAIDI	1,781.30
12.	Circuit 5 Year Avg SAIFI	1.9
13.	Reporting Year SAIFI	3.737
14.	Outage Causes	TREE INSIDE ROW, WEATHER - UNKNOWN, OTHER, SCHEDULED COMPANY, TREE OUT OF ROW, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), EQUIPMENT FAILURE
15.	% of Outages Due to Causes Listed In Previous row	23.08%, 15.38%, 15.38%, 15.38%, 15.38%, 7.69%, 7.69%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Equipment Failure outage (failed cutout in the station) accounted for 6.1% of the total SAIDI and 43.9% of the total SAIFI. Two Tree Inside ROW outages accounted for 84.9% of the total SAIDI and 30.4% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	2150502
3.	Station Name	Borderland
4.	Circuit Name	Chattaroy
5.	Station Location	Near DeskIns Drive, Williamson, WV
6.	Area Served	Chattaroy, WV Goodman, KY
7.	Circuit Length (MI)	10.62
8.	Number of Customers Served	251
9.	Last Circuit R/W Trim Date Completed	2/10/2018
10.	Circuit 5 Year Avg SAIDI	579.4
11.	Reporting Year SAIDI	1,588.30
12.	Circuit 5 Year Avg SAIFI	1.6
13.	Reporting Year SAIFI	5.896
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), ERROR - FIELD, ERROR - OPERATIONS, VINE, WEATHER - UNKNOWN
15.	% of Outages Due to Causes Listed In Previous row	31.25%, 25%, 12.5%, 6.25%, 6.25%, 6.25%, 6.25%, 6.25%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Equipment Failure outage (failed cutout in the station) accounted for 72.2% of the total SAIDI and 62.6% of the total SAIFI. One Tree Out of ROW accounted for 15.1% of the total SAIDI and 16.1% of the total SAIFI.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	2970603
3.	Station Name	Hurley
4.	Circuit Name	Race Fork
5.	Station Location	Nickelsville, Nickelsville, VA
6.	Area Served	Kelsa, VA Ira, VA Paw Paw, KY
7.	Circuit Length (MI)	5.55
8.	Number of Customers Served	80
9.	Last Circuit R/W Trim Date Completed	1/15/2012
10.	Circuit 5 Year Avg SAIDI	190.8
11.	Reporting Year SAIDI	1,068.90
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	2.975
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed In Previous row	60%, 40%
16.	List of Corrective Actions	Tree clearing In 2018.
17.	Comments	One Tree Out of ROW outage accounted for 41.2% of the total SAIDI and 34% of the total SAIFI. One Scheduled Company outage accounted for 41.4% of the total SAIDI and 33.6% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	2974101
3.	Station Name	Blg Rock
4.	Circuit Name	Conaway
5.	Station Location	Camp 1, Blg Rock, VA
6.	Area Served	Big Rock, VA Conaway, KY
7.	Circuit Length (MI)	0.60
8.	Number of Customers Served	6
9.	Last Circuit R/W Trim Date Completed	10/2/2015
10.	Circuit 5 Year Avg SAIDI	248.7
11.	Reporting Year SAIDI	577
12.	Circuit 5 Year Avg SAIFI	1.6
13.	Reporting Year SAIFI	2
14.	Outage Causes	SCHEDULED COMPANY, TREE OUT OF ROW
15.	% of Outages Due to Causes Listed in Previous row	50%, 50%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Tree Out ofROW outage accounted for 50% of both the total SAIDI and SAIFI. One Schedule Company outage accounted for 50% of both the total SAIDI and SAIFI. These were the only outages for this circuit in 2017.

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Section 5: Circuit Reporting

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1.	District	Ashland
2.	Station/ Circuit Number	3000102
3.	Station Name	Ashland
4.	Circuit Name	29th Street
5.	Station Location	Greenup Ave and Front St
6.	Area Served	Winchester Ave (US 23) and 29th St
7.	Circuit Length (MI)	6.88
8.	Number of Customers Served	600
9.	Last Circuit R/W Trim Date Completed	9/17/2016
10.	Circuit 5 Year Avg SAIDI	91.8
11.	Reporting Year SAIDI	184.2
12.	Circuit 5 Year Avg SAIFI	0.7
13.	Reporting Year SAIFI	1.493
14.	Outage Causes	VANDALISM, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE OUT OF ROW, ANIMAL - NON BIRD, SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed in Previous row	30%, 20%, 20%, 10%, 10%, 10%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Equipment Failure outage, caused by a failed switch accounted for 67.3% of the total SAIFI and 51% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3000103
3.	Station Name	Ashland
4.	Circuit Name	14th Street
5.	Station Location	Greenup Ave and Front St
6.	Area Served	25th Street and Mayo Plaza
7.	Circuit Length (MI)	1.42
8.	Number of Customers Served	127
9.	Last Circuit R/W Trlm Date Completed	7/23/2016
10.	Circuit 5 Year Avg SAIDI	58.0
11.	Reporting Year SAIDI	114.6
12.	Circuit 5 Year Avg SAIFI	0.5
13.	Reporting Year SAIFI	0.606
14.	Outage Causes	EQUIPMENT FAILURE, WEATHER - LIGHTNING
15.	% of Outages Due to Causes Listed In Previous row	66.67%, 33.33%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Equipment Failure outage, caused by a broken crossarm accounted for 41.5% of the total SAIFI and 61% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3000202
3.	Station Name	Blg Sandy
4.	Circuit Name	Burnaugh North
5.	Station Location	Off HWY 23 by Blg Sandy Plant
6.	Area Served	Burnaugh - Rt 707
7.	Circuit Length (MI)	85.37
8.	Number of Customers Served	790
9.	Last Circuit R/W Trim Date Completed	10/31/2015
10.	Circuit 5 Year Avg SAIDI	565.4
11.	Reporting Year SAIDI	906.2
12.	Circuit 5 Year Avg SAIFI	1.8
13.	Reporting Year SAIFI	3.218
14.	Outage Causes	SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE INSIDE ROW, OTHER, VANDALISM, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed in Previous row	21.28%, 21.28%, 17.02%, 14.89%, 12.77%, 8.51%, 2.13%, 2.13%
16.	List of Corrective Actions	Projected tree clearing in 2020, may reschedule sooner.
17.	Comments	Tree Out of ROW outages accounted for 46% of the total SAIFI and 62% of the total SAIDI. One Equipment Failure outage, caused by a failed regulator accounted for 31% of the total SAIFI and 16% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3000203
3.	Station Name	Big Sandy
4.	Circuit Name	Yatesville
5.	Station Location	Off HWY 23 by Big Sandy Plant
6.	Area Served	Yatesville
7.	Circuit Length (MI)	62.42
8.	Number of Customers Served	653
9.	Last Circuit R/W Trlm Date Completed	10/31/2015
10.	Circuit 5 Year Avg SAIDI	3.5
11.	Reporting Year SAIDI	418.6
12.	Circuit 5 Year Avg SAIFI	0
13.	Reporting Year SAIFI	1.104
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, OTHER, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, VANDALISM
15.	% of Outages Due to Causes Listed In Previous row	34.78%, 26.09%, 17.39%, 13.04%, 4.35%, 4.35%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	This is a new circuit that was added at the end of last year. One Equipment Failure outage, caused by a broken pole top accounted for 70% of the total SAIFI and 89% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3000302
3.	Station Name	Bellefonte
4.	Circuit Name	Flatwoods
5.	Station Location	Off US 23 between SR 5 and A K Steel entrance
6.	Area Served	Diedrich Blvd (Alt OLBH)
7.	Circuit Length (MI)	3.53
8.	Number of Customers Served	93
9.	Last Circuit R/W Trim Date Completed	12/30/2015
10.	Circuit 5 Year Avg SAIDI	287.2
11.	Reporting Year SAIDI	237.4
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	1.204
14.	Outage Causes	TREE OUT OF ROW, ANIMAL - BIRD, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, UNKNOWN (NON WEATHER)
15.	% of Outages Due to Causes Listed In Previous row	40%, 20%, 20%, 20%
16.	List of Corrective Actions	Projected tree clearing in 2020, may reschedule sooner. This circuit is part of the Flatwoods DA scheme will be completed 2018
17.	Comments	Two Tree Out of ROW outages accounted for 89% of the total SAIFI and 96% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3000701
3.	Station Name	Grays Branch
4.	Circuit Name	Grays Branch
5.	Station Location	Ohio River Rd
6.	Area Served	Ohio River rd and US 23 N of Little Sandy
7.	Circuit Length (Ml)	69.45
8.	Number of Customers Served	1,243
9.	Last Circuit R/W Trim Date Completed	2/11/2017
10.	Circuit 5 Year Avg SAIDI	185.6
11.	Reporting Year SAIDI	121.7
12.	Circuit 5 Year Avg SAIFI	0.500
13.	Reporting Year SAIFI	0.743
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VINE, VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING, TREE INSIDE ROW, OTHER, WEATHER - UNKNOWN, SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed in Previous row	23.91%, 23.91%, 13.04%, 8.7%, 6.52%, 6.52%, 6.52%, 6.52%, 2.17%, 2.17%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	Vehicle Accident (Non AEP) accounted for 32% of the totla SAIFI and 17% of SAIDI. Tree Out of ROW outages accounted for 29% of the total SAIFI and 58% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3000901
3.	Station Name	Highland
4.	Circuit Name	Russell
5.	Station Location	Legion Dr and Greenup Ave
6.	Area Served	Raceland and Caroline Ave (Flatwoods)
7.	Circuit Length (Mi)	26.32
8.	Number of Customers Served	1,323
9.	Last Circuit R/W Trim Date Completed	8/1/2015
10.	Circuit 5 Year Avg SAIDI	159.5
11.	Reporting Year SAIDI	94.9
12.	Circuit 5 Year Avg SAIFI	1.2
13.	Reporting Year SAIFI	2.048
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - LIGHTNING, TREE OUT OF ROW, ERROR - OPERATIONS, ERROR - FIELD, VINE
15.	% of Outages Due to Causes Listed in Previous row	23.08%, 23.08%, 15.38%, 15.38%, 7.69%, 7.69%, 7.69%
16.	List of Corrective Actions	This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	One Error - Operations (T) outage accounted for 49% of the total SAIFI and 50% of the total SAIDI. One Equipment Failure outage, caused by bad hot taps accounted for 49% of the total SAIFI and 43% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3000902
3.	Station Name	Highland
4.	Circuit Name	Flatwoods
5.	Station Location	Legion Dr and Greenup Ave
6.	Area Served	Flatwoods Rt 750
7.	Circuit Length (MI)	20.63
8.	Number of Customers Served	1,194
9.	Last Circuit R/W Trfm Date Completed	11/21/2015
10.	Circuit 5 Year Avg SAIDI	67.4
11.	Reporting Year SAIDI	75.8
12.	Circuit 5 Year Avg SAIFI	0.4
13.	Reporting Year SAIFI	1.264
14.	Outage Causes	EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), WEATHER - LIGHTNING, SCHEDULED COMPANY, TREE INSIDE ROW, VINE, ERROR - OPERATIONS, VANDALISM, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed in Previous row	34.78%, 13.04%, 13.04%, 13.04%, 4.35%, 4.35%, 4.35%, 4.35%, 4.35%, 4.35%
16.	List of Corrective Actions	This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	One Error - Operations (T) outage accounted for 79% of the total SAIFI and 63% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3000903
3.	Station Name	Highland
4.	Circuit Name	Wurtland
5.	Station Location	Leglon Dr and Greenup Ave
6.	Area Served	Wurtland Ave and Riverside
7.	Circuit Length (MI)	16.54
8.	Number of Customers Served	596
9.	Last Circuit R/W Trim Data Completed	6/20/2015
10.	Circuit 5 Year Avg SAIDI	121.4
11.	Reporting Year SAIDI	125.4
12.	Circuit 5 Year Avg SAIFI	1
13.	Reporting Year SAIFI	1.19
14.	Outage Causes	UNKNOWN (NON WEATHER), VINE, ERROR - OPERATIONS, EQUIPMENT FAILURE, OTHER, SCHEDULED COMPANY, WEATHER - LIGHTNING, CUST. EQUIPMENT > 1 CUSTOMER, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), VEHICLE ACCIDENT (NON AEP), TREE OUT OF ROW, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed in Previous row	22.22%, 11.11%, 11.11%, 11.11%, 5.56%, 5.56%, 5.56%, 5.56%, 5.56%, 5.56%, 5.56%
16.	List of Corrective Actions	This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	One Error - Operations (T) outage accounted for 83% of the total SAIFI and 38% of the total SAIDI. One Tree Out of ROW outage accounted for 41% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3001002
3.	Station Name	Hitchins
4.	Circuit Name	Willard
5.	Station Location	Off SR 773 along Clay Camp
6.	Area Served	Hitchins Rd
7.	Circuit Length (MI)	151.11
8.	Number of Customers Served	1,216
9.	Last Circuit R/W Trim Date Completed	3/9/2018
10.	Circuit 5 Year Avg SAIDI	775.5
11.	Reporting Year SAIDI	406.5
12.	Circuit 5 Year Avg SAIFI	2.5
13.	Reporting Year SAIFI	2.713
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, VANDALISM, SCHEDULED COMPANY, TREE INSIDE ROW, VINE, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP), WEATHER - HIGH WINDS (EXCEEDING 60 MPH), ERROR - FIELD, OTHER, TREE REMOVAL (NON AEP), ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed in Previous row	29.76%, 21.43%, 16.67%, 8.33%, 7.14%, 3.57%, 2.38%, 2.38%, 2.38%, 1.19%, 1.19%, 1.19%, 1.19%
16.	List of Corrective Actions	Tree cutting was completed March of 2018
17.	Comments	Tree Out of ROW outages accounted for 84% of the total SAIFI and 82% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3001102
3.	Station Name	Hoods Creek
4.	Circuit Name	Rural
5.	Station Location	State Rout 5 and Inheritance Rd
6.	Area Served	W Rt 5 to Brush Crk
7.	Circuit Length (MI)	47.55
8.	Number of Customers Served	731
9.	Last Circuit R/W Trim Date Completed	6/10/2017
10.	Circuit 5 Year Avg SAIDI	430.9
11.	Reporting Year SAIDI	504.1
12.	Circuit 5 Year Avg SAIFI	2
13.	Reporting Year SAIFI	1.859
14.	Outage Causes	UNKNOWN (NON WEATHER), TREE OUT OF ROW, EQUIPMENT FAILURE, WEATHER - UNKNOWN, SCHEDULED COMPANY, WEATHER - LIGHTNING, TREE INSIDE ROW, TREE REMOVAL (NON AEP), ERROR - FIELD, ANIMAL - BIRD, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	25.81%, 16.13%, 12.9%, 9.68%, 9.68%, 6.45%, 6.45%, 3.23%, 3.23%, 3.23%, 3.23%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Error - Field outage accounted for 54% of the total SAIFI and 47% of the total SAIDI. One Scheduled Company outage accounted for 20% of the total SAIFI and 33% of the total SAIDI. Only SAIDI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3001201
3.	Station Name	Howard Collins
4.	Circuit Name	13th Street
5.	Station Location	Floyd St between Beech St and Skyline Dr
6.	Area Served	13th st and Blackburn Ave
7.	Circuit Length (Mi)	13.74
8.	Number of Customers Served	1,383
9.	Last Circuit R/W Trim Date Completed	10/3/2015
10.	Circuit 5 Year Avg SAIDI	102.6
11.	Reporting Year SAIDI	85.4
12.	Circuit 5 Year Avg SAIFI	0.9
13.	Reporting Year SAIFI	1.576
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE OUT OF ROW, TREE INSIDE ROW, VINE, WEATHER - UNKNOWN
15.	% of Outages Due to Causes Listed in Previous row	36.36%, 21.21%, 15.15%, 12.12%, 6.06%, 3.03%, 3.03%, 3.03%
16.	List of Corrective Actions	New Ramey Station (2021) will take over some of this circuit which will lower SAIDI and SAIFI
17.	Comments	Scheduled Company Outages accounted for 68% of the total SAIFI and 30% of the total SAIDI. Tree Out of ROW outages accounted for 27% of the total SAIDI. Only SAIDI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3001401
3.	Station Name	Louisa
4.	Circuit Name	City
5.	Station Location	Town Hill Rd off Hwy 32
6.	Area Served	Town Hill Rd and N of Highway 3
7.	Circuit Length (MI)	9.98
8.	Number of Customers Served	838
9.	Last Circuit R/W Trim Date Completed	11/14/2015
10.	Circuit 5 Year Avg SAIDI	86.4
11.	Reporting Year SAIDI	84.1
12.	Circuit 5 Year Avg SAIFI	1
13.	Reporting Year SAIFI	1.112
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, WEATHER - UNKNOWN, VANDALISM, ANIMAL - BIRD, TREE INSIDE ROW, UNKNOWN (NON WEATHER), OTHER
15.	% of Outages Due to Causes Listed In Previous row	25%, 25%, 8.33%, 8.33%, 8.33%, 8.33%, 8.33%, 8.33%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Scheduled Company outage accounted for 90% of the total SAIFI and 77% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3001402
3.	Station Name	Louisa
4.	Circuit Name	High Bottom
5.	Station Location	Town Hill Rd off Hwy 32
6.	Area Served	Hwy 32 and along Lick Creek
7.	Circuit Length (MI)	13.39
8.	Number of Customers Served	640
9.	Last Circuit R/W Trim Date Completed	12/30/2015
10.	Circuit 5 Year Avg SAIDI	128.3
11.	Reporting Year SAIDI	178.7
12.	Circuit 5 Year Avg SAIFI	1.3
13.	Reporting Year SAIFI	2.094
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE INSIDE ROW, SCHEDULED COMPANY, WEATHER - LIGHTNING, WEATHER - UNKNOWN, TREE OUT OF ROW
15.	% of Outages Due to Causes Listed In Previous row	35%, 20%, 15%, 10%, 10%, 5%, 5%
16.	List of Corrective Actions	Projected tree clearing in 2020, may reschedule sooner.
17.	Comments	Tree Inside ROW outages accounted for 47% of the total SAIFI and 58% of the total SAIDI. One scheduled company outage accounted for 48% of the total SAIFI and 36% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3002001
3.	Station Name	South Shore
4.	Circuit Name	Siloam
5.	Station Location	Sm Roberson Dr
6.	Area Served	Lower White Oak Rd, Hwy 23
7.	Circuit Length (MI)	38.62
8.	Number of Customers Served	1,012
9.	Last Circuit R/W Trlm Date Completed	11/8/2014
10.	Circuit 5 Year Avg SAIDI	144.9
11.	Reporting Year SAIDI	264.6
12.	Circuit 5 Year Avg SAIFI	1.1
13.	Reporting Year SAIFI	1.189
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), WEATHER - LIGHTNING, SCHEDULED COMPANY, ANIMAL - BIRD, WEATHER - UNKNOWN, ANIMAL - NON BIRD, VINE, OTHER, TREE INSIDE ROW, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	22%, 20%, 18%, 10%, 6%, 6%, 4%, 4%, 2%, 2%, 2%, 2%, 2%
16.	List of Corrective Actions	Projected tree clearing in 2019
17.	Comments	Tree Out of ROW outages accounted for 28% of the total SAIFI and 59% of the total SAIDI. Animal (both bird and non bird) outages accounted for 17% of the total SAIFI and 11% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3002104
3.	Station Name	Tenth Street
4.	Circuit Name	10-3
5.	Station Location	Greenup Ave, US 23, Ashland
6.	Area Served	3rd st, King's Daughters Alt
7.	Circuit Length (MI)	3.84
8.	Number of Customers Served	364
9.	Last Circuit R/W Trim Date Completed	5/30/2015
10.	Circuit 5 Year Avg SAIDI	65.3
11.	Reporting Year SAIDI	86.7
12.	Circuit 5 Year Avg SAIFI	0.5
13.	Reporting Year SAIFI	0.316
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	42.86%, 28.57%, 14.29%, 14.29%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Tree Out of ROW outage accounted for 22% of the total SAIFI and 79% of the total SAIDI. One Unknown Non-weather outage accounted for 62% of the total SAIFI and 15% of the total SAIDI. Only SAIDI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3002105
3.	Station Name	Tenth Street
4.	Circuit Name	Midtown
5.	Station Location	Greenup Ave, US 23, Ashland
6.	Area Served	Ashland Plaza and Greenup Ave
7.	Circuit Length (MI)	4.07
8.	Number of Customers Served	531
9.	Last Circuit R/W Trim Date Completed	6/6/2015
10.	Circuit 5 Year Avg SAIDI	41.7
11.	Reporting Year SAIDI	68.5
12.	Circuit 5 Year Avg SAIFI	0.2
13.	Reporting Year SAIFI	0.29
14.	Outage Causes	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD, EQUIPMENT FAILURE, VANDALISM, ERROR - FIELD, CUST. EQUIPMENT > 1 CUSTOMER, OTHER
15.	% of Outages Due to Causes Listed in Previous row	38.46%, 15.38%, 7.69%, 7.69%, 7.69%, 7.69%, 7.69%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	Three scheduled company outages accounted for 88% of the total SAIFI and 96% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3002106
3.	Station Name	Tenth Street
4.	Circuit Name	Front Street
5.	Station Location	Greenup Ave, US 23, Ashland
6.	Area Served	Front St and Ashland Mall
7.	Circuit Length (MI)	2.47
8.	Number of Customers Served	102
9.	Last Circuit R/W Trim Date Completed	4/4/2015
10.	Circuit 5 Year Avg SAIDI	88.3
11.	Reporting Year SAIDI	120.9
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	1.402
14.	Outage Causes	WEATHER - HIGH WINDS (EXCEEDING 60 MPH), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, EQUIPMENT FAILURE
15.	% of Outages Due to Causes Listed in Previous row	50%, 25%, 25%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	2 Weather related outages accounted for 71% of the total SAIFI and 81% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3003701
3.	Station Name	Coalton
4.	Circuit Name	U.S.60W
5.	Station Location	137 S Big Run Rd
6.	Area Served	US 60, SR 854, SR 1654, Pigeon Roost Rd
7.	Circuit Length (MI)	87.34
8.	Number of Customers Served	1,175
9.	Last Circuit R/W Trim Date Completed	6/1/2016
10.	Circuit 5 Year Avg SAIDI	696.9
11.	Reporting Year SAIDI	355.8
12.	Circuit 5 Year Avg SAIFI	3.1
13.	Reporting Year SAIFI	3.403
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, SCHEDULED COMPANY, OTHER, TREE INSIDE ROW, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, FACILITATION OF WORK, VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING, VANDALISM, ERROR - OPERATIONS, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	26.37%, 25.27%, 17.58%, 13.19%, 5.49%, 4.4%, 1.1%, 1.1%, 1.1%, 1.1%, 1.1%, 1.1%, 1.1%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	Tree Out of ROW outages accounted for 19% of the total SAIFI and 48% of the total SAIDI. One Equipment Failure outage, caused by a pole fire accounted for 29% of the total SAIFI and 21% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3003703
3.	Station Name	Coalton
4.	Circuit Name	Tracecreek
5.	Station Location	137 S Big Run Rd
6.	Area Served	Trace Road, Four Mile Rd, SR 3, SR 854, Rush
7.	Circuit Length (MI)	83.88
8.	Number of Customers Served	831
9.	Last Circuit R/W Trim Data Completed	10/21/2017
10.	Circuit 5 Year Avg SAIDI	412.3
11.	Reporting Year SAIDI	492.6
12.	Circuit 5 Year Avg SAIFI	2.5
13.	Reporting Year SAIFI	2.047
14.	Outage Causes	EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE INSIDE ROW, TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - LIGHTNING, OTHER, WEATHER - UNKNOWN, VINE, FOREIGN OBJECT (NON ANIMAL), ANIMAL - NON BIRD, VEHICLE ACCIDENT (NON AEP), UG CONST. /DIG-INS (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	27.78%, 18.52%, 12.96%, 11.11%, 9.26%, 3.7%, 3.7%, 3.7%, 1.85%, 1.85%, 1.85%, 1.85%, 1.85%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	Tree Out of ROW outages accounted for 54% of the total SAIFI and 50% of the total SAIDI. Tree Inside ROW outages accounted for 12% of the total SAIFI and 30% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3007906
3.	Station Name	Busseyville
4.	Circuit Name	Walbridge
5.	Station Location	Issac Park Rd, between SR 32 and US 23
6.	Area Served	Lawrence County HS towards Levisa Fork
7.	Circuit Length (MI)	99.65
8.	Number of Customers Served	1,612
9.	Last Circuit R/W Trim Date Completed	12/31/2014
10.	Circuit 5 Year Avg SAIDI	580.3
11.	Reporting Year SAIDI	900
12.	Circuit 5 Year Avg SAIFI	3
13.	Reporting Year SAIFI	3.342
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE INSIDE ROW, WEATHER - UNKNOWN, WEATHER - LIGHTNING, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, OTHER, VINE, WEATHER - FLOOD/SLIDE, FACILITATION OF WORK, WEATHER - TORNADO, FOREIGN OBJECT (NON ANIMAL), ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	26.03%, 20.55%, 16.44%, 9.59%, 5.48%, 4.11%, 2.74%, 2.74%, 2.74%, 2.74%, 1.37%, 1.37%, 1.37%, 1.37%, 1.37%
16.	List of Corrective Actions	Projected tree clearing in 2019
17.	Comments	Tree Out of ROW outages accounted for 38% of the total SAIFI and 33% of the total SAIDI. One Equipment Failure outage, caused by broken crossarms accounted for 14% of the total SAIFI and 28% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3008001
3.	Station Name	47th Street
4.	Circuit Name	49th Street
5.	Station Location	US 23 and 47th St
6.	Area Served	E blackburn Ave to Boyscout
7.	Circuit Length (MI)	27.19
8.	Number of Customers Served	1,543
9.	Last Circuit R/W Trim Date Completed	9/14/2013
10.	Circuit 5 Year Avg SAIDI	208.2
11.	Reporting Year SAIDI	393.8
12.	Circuit 5 Year Avg SAIFI	0.9
13.	Reporting Year SAIFI	2.924
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), TREE INSIDE ROW, EQUIPMENT FAILURE, VINE, WEATHER - LIGHTNING, OTHER, SCHEDULED COMPANY, ANIMAL - BIRD, VEHICLE ACCIDENT (NON AEP), ABNORMAL FEED, ERROR - FIELD, WEATHER - UNKNOWN, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	19.15%, 17.02%, 14.89%, 8.51%, 6.38%, 6.38%, 6.38%, 4.26%, 4.26%, 4.26%, 2.13%, 2.13%, 2.13%, 2.13%
16.	List of Corrective Actions	Tree cutting will be completed by the end of 2018
17.	Comments	Tree Out of ROW outages accounted for 42% of the total SAIFI and 41% of the total SAIDI. One Abnormal Feed outage, caused by a bad switch accounted for 29% of the total SAIFI and 17% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3008701
3.	Station Name	Cannonsburg
4.	Circuit Name	Cannonsburg
5.	Station Location	Off Pondersa Dr
6.	Area Served	Bear Creek Rd and Rt 3
7.	Circuit Length (MI)	65.46
8.	Number of Customers Served	1,320
9.	Last Circuit R/W Trim Date Completed	12/31/2014
10.	Circuit 5 Year Avg SAIDI	226.7
11.	Reporting Year SAIDI	362.8
12.	Circuit 5 Year Avg SAIFI	1.2
13.	Reporting Year SAIFI	2.301
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, WEATHER - UNKNOWN, OTHER, SCHEDULED COMPANY, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP), ANIMAL - BIRD, ERROR - OPERATIONS, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	28.57%, 26.79%, 16.07%, 7.14%, 5.36%, 5.36%, 3.57%, 1.79%, 1.79%, 1.79%, 1.79%
16.	List of Corrective Actions	Projected tree clearing In 2020, may reschedule sooner.
17.	Comments	Tree Out of ROW outages accounted for 20% of the total SAIFI and 54% of the total SAIDI. One Equipment failure outage, caused by a bad arrester accounted for 22% of the total SAIFI and 25% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3010602
3.	Station Name	Russell
4.	Circuit Name	Bear Run
5.	Station Location	Just off US 23, along Ashland Dr
6.	Area Served	US 23, Shopping Plazas off Diedrich Blvd, City of Russell
7.	Circuit Length (MI)	12.67
8.	Number of Customers Served	722
9.	Last Circuit R/W Trim Date Completed	5/28/2016
10.	Circuit 5 Year Avg SAIDI	220.1
11.	Reporting Year SAIDI	89.2
12.	Circuit 5 Year Avg SAIFI	1.8
13.	Reporting Year SAIFI	2.157
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, ERROR - OPERATIONS, TREE OUT OF ROW, TREE INSIDE ROW, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	35.29%, 17.65%, 11.76%, 11.76%, 11.76%, 5.88%, 5.88%
16.	List of Corrective Actions	This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	One Error - Operations due to a transmission outage accounted for 39% of the total SAIFI and 45% of the total SAIDI. One Equipment Failure outage, caused by a bad basket on a PM customer accounted for 46% of the total SAIFI and 12% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3101701
3.	Station Name	Raceland
4.	Circuit Name	CSX Car Shop
5.	Station Location	Worthington CSX
6.	Area Served	Worthington CSX
7.	Circuit Length (MI)	0.01
8.	Number of Customers Served	1
9.	Last Circuit R/W Trlm Date Completed	N/A
10.	Circuit 5 Year Avg SAIDI	108.0
11.	Reporting Year SAIDI	48
12.	Circuit 5 Year Avg SAIFI	0.6
13.	Reporting Year SAIFI	1
14.	Outage Causes	ERROR - OPERATIONS
15.	% of Outages Due to Causes Listed In Previous row	100.00%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Error - Operations due to a transmission outage affected the entire circuit. This was the only outage on the circuit in 2017.

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1.	District	Ashland
2.	Station/ Circuit Number	3110901
3.	Station Name	Wurtland
4.	Circuit Name	Wurtland
5.	Station Location	Industrial Parkway and Wurtland Ave
6.	Area Served	Du Pont / Pregls
7.	Circuit Length (MI)	1.58
8.	Number of Customers Served	20
9.	Last Circuit R/W Trlm Date Completed	12/30/2015
10.	Circuit 5 Year Avg SAIDI	15.5
11.	Reporting Year SAIDI	45.4
12.	Circuit 5 Year Avg SAIFI	0.2
13.	Reporting Year SAIFI	0.95
14.	Outage Causes	SCHEDULED COMPANY, ERROR - OPERATIONS
15.	% of Outages Due to Causes Listed in Previous row	50%, 50%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Error - Operations due to a transmlsion outage accounted for 95% of the total SAIFI and 95% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3110902
3.	Station Name	Wurtland
4.	Circuit Name	Greenup
5.	Station Location	Industrial Parkway and Wurtland Ave
6.	Area Served	Industrial Parkway and Rt 1
7.	Circuit Length (MI)	51.86
8.	Number of Customers Served	1,300
9.	Last Circuit R/W Trim Date Completed	12/7/2013
10.	Circuit 5 Year Avg SAIDI	275.2
11.	Reporting Year SAIDI	157.8
12.	Circuit 5 Year Avg SAIFI	1.8
13.	Reporting Year SAIFI	2.145
14.	Outage Causes	UNKNOWN (NON WEATHER), TREE INSIDE ROW, EQUIPMENT FAILURE, TREE OUT OF ROW, WEATHER - UNKNOWN, WEATHER - LIGHTNING, ANIMAL - BIRD, TREE REMOVAL (NON AEP), ERROR - FIELD, ERROR - OPERATIONS, VINE, SCHEDULED COMPANY, OTHER
15.	% of Outages Due to Causes Listed In Previous row	28.57%, 16.33%, 16.33%, 12.24%, 6.12%, 4.08%, 4.08%, 2.04%, 2.04%, 2.04%, 2.04%, 2.04%
16.	List of Corrective Actions	Tree cutting will be completed by the end of 2018
17.	Comments	One Error - Operations due to a transmission outage accounted for 46% of the total SAIFI and 30% of the total SAIDI. One Unknown Non-weather outage, accounted for 46% of the total SAIFI and 33% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3110903
3.	Station Name	Wurtland
4.	Circuit Name	Rt.503
5.	Station Location	Industrial Parkway and Wurtland Ave
6.	Area Served	Rt 503 and Wurtland Ave
7.	Circuit Length (MI)	46.16
8.	Number of Customers Served	982
9.	Last Circuit R/W Trim Date Completed	3/18/2017
10.	Circuit 5 Year Avg SAIDI	397.1
11.	Reporting Year SAIDI	848.2
12.	Circuit 5 Year Avg SAIFI	1.6
13.	Reporting Year SAIFI	2.592
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - UNKNOWN, WEATHER - LIGHTNING, VINE, TREE INSIDE ROW, ERROR - OPERATIONS, OTHER UTILITY, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	26.32%, 21.05%, 18.42%, 10.53%, 7.89%, 2.63%, 2.63%, 2.63%, 2.63%, 2.63%
16.	List of Corrective Actions	Tree cutting was completed March of 2017. This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	Tree Out of ROW outages accounted for 40% of the total SAIFI and 88% of the total SAIDI. One Error - Operations due to a transmission outage accounted for 38% of the total SAIFI and 6% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3113601
3.	Station Name	Worthington
4.	Circuit Name	CSX Weld Shop
5.	Station Location	Edsel Ave, CS5066
6.	Area Served	CSX Weld Shop
7.	Circuit Length (MI)	0.03
8.	Number of Customers Served	1
9.	Last Circuit R/W Trim Date Completed	N/A
10.	Circuit 5 Year Avg SAIDI	135.6
11.	Reporting Year SAIDI	400.0
12.	Circuit 5 Year Avg SAIFI	0.8000
13.	Reporting Year SAIFI	2.000
14.	Outage Causes	TREE OUT OF ROW, ERROR - OPERATIONS
15.	% of Outages Due to Causes Listed in Previous row	50%, 50%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Error - Operations due to a transmission outage affected the entire circuit. One Tree out of ROW on the transmission side affected the entire circuit and accounted for 88% of the total SAIDI..

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1.	District	Ashland
2.	Station/ Circuit Number	3116702
3.	Station Name	Belhaven
4.	Circuit Name	Indian Run
5.	Station Location	Thompson rd and Walters
6.	Area Served	Bellefonte Rd and Route 207
7.	Circuit Length (Mi)	19.81
8.	Number of Customers Served	1,023
9.	Last Circuit R/W Trim Date Completed	9/10/2016
10.	Circuit 5 Year Avg SAIDI	148.9
11.	Reporting Year SAIDI	75.7
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	1.234
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, UG CONST. /DIG-INS (NON AEP), UNKNOWN (NON WEATHER), TREE REMOVAL (NON AEP), WEATHER - LIGHTNING, TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), OTHER
15.	% of Outages Due to Causes Listed In Previous row	28%, 20%, 16%, 8%, 8%, 4%, 4%, 4%, 4%, 4%
16.	List of Corrective Actions	This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	Tree Out of ROW outages accounted for 41% of the total SAIDI. One Scheduled Company outage accounted for 80% of the total SAIFI and 13% of the total SAIDI.

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1.	District	Ashland
2.	Station/ Circuit Number	3116703
3.	Station Name	Belhaven
4.	Circuit Name	Argillite Road
5.	Station Location	Thompson rd and Walters
6.	Area Served	Indian Run and Argillite Rd
7.	Circuit Length (MI)	27.71
8.	Number of Customers Served	1,515
9.	Last Circuit R/W Trim Date Completed	5/6/2017
10.	Circuit 5 Year Avg SAIDI	170.6
11.	Reporting Year SAIDI	50.7
12.	Circuit 5 Year Avg SAIFI	0.9
13.	Reporting Year SAIFI	1.332
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, VEHICLE ACCIDENT (NON AEP), ERROR - FIELD, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	25%, 21.88%, 18.75%, 15.63%, 6.25%, 6.25%, 6.25%
16.	List of Corrective Actions	This circuit is part of the Flatwoods DA that will be completed in 2018
17.	Comments	One Scheduled Company outage accounted for 74% of the total SAIFI and 20% of the total SAIDI. One Vehicle Accident (non-aep) accounted for 7% of the total SAIFI and 32% of the total SAIDI. Only SAIFI rose above the five year average for this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3117601
3.	Station Name	Princess
4.	Circuit Name	Meade Station
5.	Station Location	Off Paul Coffey Blvd, along Mackey Ln
6.	Area Served	Parts of Cannonsburg, US 60, Meade Springer Rd, Shopes Creek Rd
7.	Circuit Length (MI)	48.13
8.	Number of Customers Served	1,479
9.	Last Circuit R/W Trim Date Completed	4/30/2016
10.	Circuit 5 Year Avg SAIDI	320.0
11.	Reporting Year SAIDI	169.7
12.	Circuit 5 Year Avg SAIFI	1.5
13.	Reporting Year SAIFI	2.051
14.	Outage Causes	EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE OUT OF ROW, WEATHER - UNKNOWN, TREE INSIDE ROW, SCHEDULED COMPANY, OTHER, VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	28.21%, 20.51%, 17.95%, 12.82%, 7.69%, 5.13%, 5.13%, 2.56%
16.	List of Corrective Actions	Will add to Cutout List for 2018/2019. Projected tree clearing in 2021, may reschedule sooner.
17.	Comments	Tree Out of ROW outages accounted for 60% of the total SAIDI. One Equipment Failure outage due to a failed station regulator accounted for 49% of the total SAIFI. Only SAIFI rose above the five year average on this circuit.

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1.	District	Ashland
2.	Station/ Circuit Number	3117602
3.	Station Name	Princess
4.	Circuit Name	Route 180
5.	Station Location	Off Paul Coffey Blvd, along Mackey Ln
6.	Area Served	SR 5, Straight Creek Road, Buena Vista Dr, East Park Industrial Sites
7.	Circuit Length (MI)	25.19
8.	Number of Customers Served	298
9.	Last Circuit R/W Trim Date Completed	7/23/2016
10.	Circuit 5 Year Avg SAIDI	320.5
11.	Reporting Year SAIDI	235.1
12.	Circuit 5 Year Avg SAIFI	1.5
13.	Reporting Year SAIFI	2.829
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TREE OUT OF ROW, ERROR - FIELD, VEHICLE ACCIDENT (NON AEP), TREE REMOVAL (NON AEP), CUST. EQUIPMENT > 1 CUSTOMER, TREE INSIDE ROW, VANDALISM, OTHER
15.	% of Outages Due to Causes Listed In Previous row	20%, 13.33%, 13.33%, 6.67%, 6.67%, 6.67%, 6.67%, 6.67%, 6.67%, 6.67%, 6.67%
16.	List of Corrective Actions	No further actions planned for 2018
17.	Comments	One Error - Field due to Incorrect settings accounted for 35% of the total SAIFI and 24% of the total SAIDI. One Equipment Failure outage due to a failed station regulator accounted for 35% of the total SAIFI and 18% of the total SAIDI. Only SAIFI rose above the five year average on this circuit.

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1.	District	Pikeville
2.	Station/ Circuit Number	3200201
3.	Station Name	Barrenshe
4.	Circuit Name	Freeburn
5.	Station Location	Near State Highway 194 E, Freeburn
6.	Area Served	Freeburn & Board Tree, KY
7.	Circuit Length (MI)	12.14
8.	Number of Customers Served	332
9.	Last Circuit R/W Trim Date Completed	4/5/2017
10.	Circuit 5 Year Avg SAIDI	539.1
11.	Reporting Year SAIDI	966.7
12.	Circuit 5 Year Avg SAIFI	3.6
13.	Reporting Year SAIFI	3.241
14.	Outage Causes	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE INSIDE ROW, UNKNOWN (NON WEATHER), OTHER, TREE OUT OF ROW
15.	% of Outages Due to Causes Listed In Previous row	38.46%, 23.08%, 15.38%, 7.69%, 7.69%, 7.69%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage caused by Equipment Failure accounted 43.6% of the total SAIDI and 29.9% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3200202
3.	Station Name	Barrenshe
4.	Circuit Name	Vulcan
5.	Station Location	Near State Highway 194 E, Freeburn
6.	Area Served	Majestic, Woodman, Argo, KY
7.	Circuit Length (MI)	45.15
8.	Number of Customers Served	788
9.	Last Circuit R/W Trim Date Completed	6/18/2016
10.	Circuit 5 Year Avg SAIDI	1153.5
11.	Reporting Year SAIDI	2,022.60
12.	Circuit 5 Year Avg SAIFI	4.2
13.	Reporting Year SAIFI	7.214
14.	Outage Causes	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, VINE, OTHER, TREE REMOVAL (NON AEP), TREE INSIDE ROW, FACILITATION OF WORK, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, WEATHER - UNKNOWN
15.	% of Outages Due to Causes Listed In Previous row	40.82%, 20.41%, 10.2%, 6.12%, 6.12%, 4.08%, 4.08%, 4.08%, 2.04%, 2.04%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage caused by a Tree Out of ROW on a Transmission Line accounted for 35.8% of the total SAIDI and 14% of the total SAIFI. One Scheduled Company feeder outage accounted for 15.9% of the total SAIDI and 13.6% of the total SAIFI. One feeder outage caused by Tree Out of ROW accounted for 12.6% of the total SAIDI and 15.1% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3200203
3.	Station Name	Barrenshe
4.	Circuit Name	Slate Branch
5.	Station Location	Near State Highway 194 E, Freeburn
6.	Area Served	Ransom, KY
7.	Circuit Length (MI)	4.36
8.	Number of Customers Served	3
9.	Last Circuit R/W Trim Date Completed	5/27/2017
10.	Circuit 5 Year Avg SAIDI	426.7
11.	Reporting Year SAIDI	1,510.00
12.	Circuit 5 Year Avg SAIFI	2.3
13.	Reporting Year SAIFI	95
14.	Outage Causes	OTHER, SCHEDULED COMPANY, TREE INSIDE ROW
15.	% of Outages Due to Causes Listed in Previous row	33.33%, 33.33%, 33.33%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One outage required during planned switching that was classified as Other accounted for 49.6% of the total SAIDI and 98.6% of the total SAIFI. The high numbers for 2017 were due to changes in customer count during the year. The planned switching outage changed the customer count from 281 to 3. These customers were previously fed from the Freeburn Circuit.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3200204
3.	Station Name	Barrenshe
4.	Circuit Name	Pounding Mill
5.	Station Location	Near State Highway 194 E, Freeburn
6.	Area Served	Ransom, Hardy, KY
7.	Circuit Length (MI)	18.07
8.	Number of Customers Served	329
9.	Last Circuit R/W Trim Date Completed	2/1/2015
10.	Circuit 5 Year Avg SAIDI	717.2
11.	Reporting Year SAIDI	2,667.00
12.	Circuit 5 Year Avg SAIFI	5
13.	Reporting Year SAIFI	11.033
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - UNKNOWN, FACILITATION OF WORK, VINE, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - FLOOD/SLIDE, TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), FOREIGN OBJECT (NON ANIMAL), UNKNOWN (NON WEATHER)
15.	% of Outages Due to Causes Listed In Previous row	21.88%, 21.88%, 18.75%, 9.38%, 6.25%, 3.13%, 3.13%, 3.13%, 3.13%, 3.13%, 3.13%, 3.13%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage caused by a Tree Out of ROW on a Transmission Line accounted for 31.9% of the total SAIDI and 10.7% of the total SAIFI. One Vehicle Accident (Non AEP) outage accounted for 16.8% of the total SAIDI and 8.3% of the total SAIFI. One Weather-Flood/Slide outage accounted for 14.9% of the total SAIDI and 7.7% of the total SAIFI. One feeder outage, Scheduled Company, accounted for 10% of the total SAIDI and 7.3% of the total SAIFI. Another feeder outage due to Tree Out of ROW accounted for 8.64% of the total SAIDI and 18.5% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3200301
3.	Station Name	Belfry
4.	Circuit Name	Belfry
5.	Station Location	Near US Highway 119 N, Belfry
6.	Area Served	Sharondale, Huddy, KY
7.	Circuit Length (Mi)	17.81
8.	Number of Customers Served	541
9.	Last Circuit R/W Trim Date Completed	3/29/2018
10.	Circuit 5 Year Avg SAIDI	417.8
11.	Reporting Year SAIDI	1,089.20
12.	Circuit 5 Year Avg SAIFI	3.1
13.	Reporting Year SAIFI	7.344
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE OUT OF ROW, OTHER, TREE INSIDE ROW, WEATHER - UNKNOWN, ANIMAL - BIRD, ERROR - OPERATIONS, WEATHER - LIGHTNING, ERROR - FIELD, TRANSMISSION INFORMATION NEEDED
15.	% of Outages Due to Causes Listed In Previous row	21.95%, 21.95%, 19.51%, 9.76%, 7.32%, 4.88%, 4.88%, 2.44%, 2.44%, 2.44%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One outage, Weather-Lightning, that interrupted transmission to the station accounted for 9.7% of the total SAIDI and 13.8% of the total SAIFI. Another transmission line outage accounted for only 1.1% of the total SAIDI but 13.7% of the total SAIFI. Another Equipment Failure outage due to a failed bus switch which interrupted the feeder, accounted for only 0.9% of the total SAIDI but 14.3% of the total SAIFI. One Weather Unknown outage and one Tree Out of ROW outage both accounted for 33.7% of the total SAIDI and 6.9% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3200302
3.	Station Name	Belfry
4.	Circuit Name	Toler
5.	Station Location	Near US Highway 119 N, Belfry
6.	Area Served	Toler, Hardy, KY
7.	Circuit Length (MI)	29.94
8.	Number of Customers Served	812
9.	Last Circuit R/W Trim Date Completed	1/20/2018
10.	Circuit 5 Year Avg SAIDI	476.8
11.	Reporting Year SAIDI	1,208.20
12.	Circuit 5 Year Avg SAIFI	3.3
13.	Reporting Year SAIFI	7.276
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, TREE INSIDE ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD, VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING, TRANSMISSION INFORMATION NEEDED, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	24.49%, 20.41%, 20.41%, 16.33%, 8.16%, 2.04%, 2.04%, 2.04%, 2.04%, 2.04%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One outage, Weather-Lightning, that interrupted transmission to the station accounted for 8.7% of the total SAIDI and 13.8% of the total SAIFI. Another transmission line outage accounted for only 1% of the total SAIDI but 13.7% of the total SAIFI. One feeder outage due to Tree Out of ROW, accounted for 58.1% of the total SAIDI and 13.7% of the total SAIFI. One feeder outage, Scheduled Company, that was needed to safely replace a pole, accounted for only 0.7% of the total SAIDI but 11.9% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3201001
3.	Station Name	Tom Watkins
4.	Circuit Name	Distribution
5.	Station Location	Near Pond Creek Road, Pinsonfork, KY
6.	Area Served	McAndrew, Stone, McVelgh, KY
7.	Circuit Length (MI)	28.8
8.	Number of Customers Served	826
9.	Last Circuit R/W Trim Date Completed	1/21/2017
10.	Circuit 5 Year Avg SAIDI	610.6
11.	Reporting Year SAIDI	1,316.40
12.	Circuit 5 Year Avg SAIIFI	2.4
13.	Reporting Year SAIIFI	3.769
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, OTHER, WEATHER - UNKNOWN, UNKNOWN (NON WEATHER), VINE, TRANSMISSION INFORMATION NEEDED
15.	% of Outages Due to Causes Listed in Previous row	30.95%, 28.57%, 16.67%, 9.52%, 4.76%, 4.76%, 2.38%, 2.38%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Five Tree Out of ROW outages accounted for 64.1% of the total SAIDI and 29.7% of the total SAIIFI. One Transmission outage due to equipment failure accounted for 17.2% of the total SAIDI and 26.8% of the total SAIIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3202201
3.	Station Name	Lovely
4.	Circuit Name	Lovely
5.	Station Location	Near State Highway 292, Lovely
6.	Area Served	Kermit, WV Warfield, KY
7.	Circuit Length (MI)	42.44
8.	Number of Customers Served	970
9.	Last Circuit R/W Trlm Date Completed	12/17/2016
10.	Circuit 5 Year Avg SAIDI	480.4
11.	Reporting Year SAIDI	781.3
12.	Circuit 5 Year Avg SAIFI	3.3
13.	Reporting Year SAIFI	4.942
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, WEATHER - UNKNOWN, SCHEDULED COMPANY, OTHER, ANIMAL - BIRD, VANDALISM, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP), VINE
15.	% of Outages Due to Causes Listed In Previous row	21.15%, 17.31%, 17.31%, 11.54%, 9.62%, 5.77%, 5.77%, 3.85%, 1.92%, 1.92%, 1.92%, 1.92%
16.	List of Corrective Actions	Cycle trimming planned for 2018.
17.	Comments	One total station outage classified as Other was actually caused by a buzzard. This one outage accounted for 43.1% of the total SAIDI and 49.9% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3202203
3.	Station Name	Lovely
4.	Circuit Name	Mt. Sterling
5.	Station Location	Near State Highway 292, Lovely
6.	Area Served	SR 292, Long Branch, Stepp Branch
7.	Circuit Length (Mi)	13.05
8.	Number of Customers Served	199
9.	Last Circuit R/W Trim Date Completed	3/15/2014
10.	Circuit 5 Year Avg SAIDI	744.0
11.	Reporting Year SAIDI	1,796.10
12.	Circuit 5 Year Avg SAIFI	2.8
13.	Reporting Year SAIFI	6.985
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, WEATHER - LIGHTNING, SCHEDULED COMPANY, WEATHER - UNKNOWN, VINE, UNKNOWN (NON WEATHER), OTHER, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	38.1%, 19.05%, 9.52%, 9.52%, 4.76%, 4.76%, 4.76%, 4.76%, 4.76%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage caused by Weather-Lightning accounted for 65.3% of the total SAIDI and 68.5% of the total SAIFI. One total station outage classified as Other was actually caused by a buzzard. This one outage accounted for 9.5% of the total SAIDI and 15.8% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3300601
3.	Station Name	Bluegrass
4.	Circuit Name	Walkertown
5.	Station Location	Messer Branch, Hazard
6.	Area Served	Hazard, Walkertown
7.	Circuit Length (MI)	28.33
8.	Number of Customers Served	1,231
9.	Last Circuit R/W Trlm Date Completed	6/30/2016
10.	Circuit 5 Year Avg SAIDI	261.9
11.	Reporting Year SAIDI	289.4
12.	Circuit 5 Year Avg SAIFI	1.8
13.	Reporting Year SAIFI	2.166
14.	Outage Causes	TREE OUT OF ROW, VEHICLE ACCIDENT (NON AEP), EQUIPMENT FAILURE, OTHER, UNKNOWN (NON WEATHER), FACILITATION OF WORK, VINE, TREE INSIDE ROW, ANIMAL - NON BIRD, SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed In Previous row	19.23%, 15.38%, 15.38%, 15.38%, 11.54%, 7.69%, 3.85%, 3.85%, 3.85%, 3.85%
16.	List of Corrective Actions	Reconductor 10kF of line with larger conductor to Inprove partial restoration capabilites.
17.	Comments	A Tree Out of ROW led to a 69KV transmsion lline outage accounting for 61% of the total SAIDI and 45% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3300602
3.	Station Name	Bluegrass
4.	Circuit Name	Hazard
5.	Station Location	Messer Branch, Hazard
6.	Area Served	Hazard, Gorman Hollow
7.	Circuit Length (MI)	11.24
8.	Number of Customers Served	626
9.	Last Circuit R/W Trlm Date Completed	1/8/2015
10.	Circuit 5 Year Avg SAIDI	252.2
11.	Reporting Year SAIDI	282.4
12.	Circuit 5 Year Avg SAIFI	1.7
13.	Reporting Year SAIFI	3.168
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, OTHER, VINE, ANIMAL - BIRD
15.	% of Outages Due to Causes Listed In Previous row	25%, 25%, 25%, 12.5%, 12.5%
16.	List of Corrective Actions	Reconductor 1.2kF of line with larger conductor to improve partial restoration capabilites.
17.	Comments	A Tree Out of ROW led to two 69 KV transmission line outages accounting for 69% of the total SAIDI and 65% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3301101
3.	Station Name	Chavles
4.	Circuit Name	Chavles
5.	Station Location	HWY 28, Chavles
6.	Area Served	Chavles, Barwick, Gays Creek
7.	Circuit Length (Mi)	67.98
8.	Number of Customers Served	678
9.	Last Circuit R/W Trim Date Completed	11/11/2017
10.	Circuit 5 Year Avg SAIDI	636.6
11.	Reporting Year SAIDI	1,306.70
12.	Circuit 5 Year Avg SAIFI	2.3
13.	Reporting Year SAIFI	3.572
14.	Outage Causes	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, OTHER, UNKNOWN (NON WEATHER), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, FACILITATION OF WORK, VEHICLE ACCIDENT (NON AEP), WEATHER - UNKNOWN, TREE INSIDE ROW, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	29.09%, 27.27%, 16.36%, 7.27%, 5.45%, 3.64%, 3.64%, 1.82%, 1.82%, 1.82%, 1.82%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Fifteen Tree Out of ROW and 9 Equipment Failure outages account for 90% of the total SAIDI and 80% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3301701
3.	Station Name	Dalsy
4.	Circuit Name	Leatherwood
5.	Station Location	HWY 699, Dalsy
6.	Area Served	Cornettsville, Ulvah, Halle
7.	Circuit Length (MI)	88.4
8.	Number of Customers Served	1,068
9.	Last Circuit R/W Trim Date Completed	5/12/2014
10.	Circuit 5 Year Avg SAIDI	642.3
11.	Reporting Year SAIDI	862
12.	Circuit 5 Year Avg SAIFI	2.2
13.	Reporting Year SAIFI	2.949
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - FLOOD/SLIDE, WEATHER - UNKNOWN, SCHEDULED COMPANY, OTHER, TREE INSIDE ROW, FIRE - AEP, OR AFFECTING > 1 CUSTOMER
15.	% of Outages Due to Causes Listed In Previous row	43.86%, 17.54%, 14.04%, 7.02%, 5.26%, 3.51%, 3.51%, 3.51%, 1.75%
16.	List of Corrective Actions	Tree clearing in 2018.
17.	Comments	Two Weather related outages account for 48% of the total SAIDI and 24% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3302701
3.	Station Name	Hazard
4.	Circuit Name	Black Gold
5.	Station Location	East Main Street, Hazard
6.	Area Served	Viper, Hazard (downtown area)
7.	Circuit Length (MI)	31.47
8.	Number of Customers Served	415
9.	Last Circuit R/W Trim Date Completed	12/29/2015
10.	Circuit 5 Year Avg SAIDI	518.4
11.	Reporting Year SAIDI	1,233.60
12.	Circuit 5 Year Avg SAIFI	2.7
13.	Reporting Year SAIFI	7.639
14.	Outage Causes	EQUIPMENT FAILURE, VINE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), FACILITATION OF WORK, OTHER, TREE REMOVAL (NON AEP), WEATHER - LIGHTNING, CUST. EQUIPMENT > 1 CUSTOMER, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, TREE OUT OF ROW
15.	% of Outages Due to Causes Listed in Previous row	33.33%, 14.81%, 14.81%, 7.41%, 7.41%, 3.7%, 3.7%, 3.7%, 3.7%, 3.7%, 3.7%
16.	List of Corrective Actions	The failed 30MVA transformer was replaced and the mobile station removed from service. No further actions planned for 2018.
17.	Comments	Five outages related to a 30MVA station transformer failure and subsequent trips on a temporary mobile station and replacing transmission structures account for 64% of the total SAIDI and 58% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3302703
3.	Station Name	Hazard
4.	Circuit Name	Hazard
5.	Station Location	East Main Street, Hazard
6.	Area Served	Hazard, Woodland Park
7.	Circuit Length (MI)	11.39
8.	Number of Customers Served	683
9.	Last Circuit R/W Trim Date Completed	11/19/2015
10.	Circuit 5 Year Avg SAIDI	208.6
11.	Reporting Year SAIDI	639.3
12.	Circuit 5 Year Avg SAIFI	2.4
13.	Reporting Year SAIFI	11.152
14.	Outage Causes	EQUIPMENT FAILURE, TREE INSIDE ROW, SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), WEATHER - LIGHTNING, WEATHER - UNKNOWN, OVERLOAD, ABNORMAL FEED, UG CONST. /DIG-INS (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	24%, 20%, 12%, 12%, 8%, 8%, 4%, 4%, 4%, 4%
16.	List of Corrective Actions	The failed 30MVA transformer was replaced and the mobile station removed from service. No further actions planned for 2018.
17.	Comments	Ten outages related to a 30MVA station transformer failure and subsequent trips on a temporary mobile station and replacing transmission structures account for 86% of the total SAIDI and 86% of the total SAIFI. Several of the outages were short switching outages to restore service from alternate sources.

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1.	District	Hazard
2.	Station/ Circuit Number	3302704
3.	Station Name	Hazard
4.	Circuit Name	Kenmont
5.	Station Location	East Main Street, Hazard
6.	Area Served	Hazard, Forseam, Storm King
7.	Circuit Length (MI)	19.92
8.	Number of Customers Served	748
9.	Last Circuit R/W Trim Date Completed	8/1/2012
10.	Circuit 5 Year Avg SAIDI	117.1
11.	Reporting Year SAIDI	686.9
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	4.850
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), VINE, SCHEDULED COMPANY, OTHER, WEATHER - LIGHTNING, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, WEATHER - UNKNOWN, ANIMAL - NON BIRD, ANIMAL - BIRD, TREE INSIDE ROW
15.	% of Outages Due to Causes Listed In Previous row	28.57%, 14.29%, 11.43%, 8.57%, 8.57%, 5.71%, 5.71%, 5.71%, 2.86%, 2.86%, 2.86%, 2.86%
16.	List of Corrective Actions	The failed 30MVA transformer was replaced and the mobile station removed from service. No further actions planned for 2018.
17.	Comments	Four outages related to a 30MVA station transformer failure and subsequent trips on a temporary mobile station and replacing transmission structures account for 77% of the total SAIDI and 82% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3303902
3.	Station Name	Leslie
4.	Circuit Name	Wooton
5.	Station Location	Azalea Dr, Wooton
6.	Area Served	Cutshln, Smlax, Cinda, Yeaddlss
7.	Circuit Length (MI)	129.88
8.	Number of Customers Served	1,506
9.	Last Circuit R/W Trim Date Completed	10/29/2014
10.	Circuit 5 Year Avg SAIDI	855.9
11.	Reporting Year SAIDI	621.3
12.	Circuit 5 Year Avg SAIFI	5.0
13.	Reporting Year SAIFI	5.195
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VINE, ANIMAL - NON BIRD, OTHER, SCHEDULED COMPANY, TREE REMOVAL (NON AEP), TREE INSIDE ROW, OTHER UTILITY, WEATHER - UNKNOWN, WEATHER - LIGHTNING
15.	% of Outages Due to Causes Listed in Previous row	38.55%, 21.69%, 9.64%, 6.02%, 4.82%, 4.82%, 4.82%, 3.61%, 2.41%, 1.2%, 1.2%, 1.2%
16.	List of Corrective Actions	Distribution Automation (DA) Is planned for this circuit.
17.	Comments	Two feeder breaker outages; one Weather and one Tree Out of ROW account for 39% if the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3307303
3.	Station Name	Bulan
4.	Circuit Name	Lotts Creek
5.	Station Location	Carriage Lane, Bulan
6.	Area Served	Bulan
7.	Circuit Length (MI)	2.24
8.	Number of Customers Served	27
9.	Last Circuit R/W Trim Date Completed	2/15/2013
10.	Circuit 5 Year Avg SAIDI	193.7
11.	Reporting Year SAIDI	484.5
12.	Circuit 5 Year Avg SAIFI	1.2
13.	Reporting Year SAIFI	3.074
14.	Outage Causes	SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed in Previous row	100.00%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Only three outages occurred on this circuit in 2017. All outages occurring on this circuit were Scheduled.

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1.	District	Hazard
2.	Station/ Circuit Number	3308401
3.	Station Name	Beckham
4.	Circuit Name	Hindman
5.	Station Location	SR 899, Beckham
6.	Area Served	Dwarf, Hindman, Emmalena
7.	Circuit Length (MI)	102.91
8.	Number of Customers Served	1,852
9.	Last Circuit R/W Trim Date Completed	3/1/2012
10.	Circuit 5 Year Avg SAIDI	629.0
11.	Reporting Year SAIDI	852.5
12.	Circuit 5 Year Avg SAIFI	3.4
13.	Reporting Year SAIFI	2.775
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, OTHER, WEATHER - UNKNOWN, UNKNOWN (NON WEATHER), TREE INSIDE ROW, VANDALISM, ANIMAL - NON BIRD, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, VINE, WEATHER - LIGHTNING, TREE REMOVAL (NON AEP), ANIMAL - BIRD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER
15.	% of Outages Due to Causes Listed in Previous row	23.81%, 23.81%, 14.29%, 14.29%, 4.76%, 3.57%, 3.57%, 2.38%, 2.38%, 1.19%, 1.19%, 1.19%, 1.19%, 1.19%, 1.19%
16.	List of Corrective Actions	Tree clearing in 2018.
17.	Comments	Tree Out of ROW outages account for 70% of the total SAIDI.

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1.	District	Hazard
2.	Station/ Circuit Number	3308402
3.	Station Name	Beckham
4.	Circuit Name	Carr Creek
5.	Station Location	SR 899, Beckham
6.	Area Served	Brinkley, Mallie, Pippa Passes, Spider, Bath , Litt Carr, Hollybush
7.	Circuit Length (MI)	51.59
8.	Number of Customers Served	791
9.	Last Circuit R/W Trim Date Completed	3/14/2014
10.	Circuit 5 Year Avg SAIDI	766.7
11.	Reporting Year SAIDI	1,199.30
12.	Circuit 5 Year Avg SAIFI	3.8
13.	Reporting Year SAIFI	7.603
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE INSIDE ROW, SCHEDULED COMPANY, OTHER, WEATHER - UNKNOWN, VINE, ANIMAL - NON BIRD, ERROR - FIELD, TREE REMOVAL (NON AEP), VEHICLE ACCIDENT (NON AEP), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, FACILITATION OF WORK
15.	% of Outages Due to Causes Listed in Previous row	26.47%, 22.55%, 12.75%, 10.78%, 8.82%, 5.88%, 1.96%, 1.96%, 1.96%, 1.96%, 1.96%, 0.98%, 0.98%, 0.98%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	This circuit was divided into two circuits in late Nov 2017. This circuit had served 1875 customers. The SAIFI and SAIDI for this circuit is based off the new customer count for all outages experienced this year up till late November.

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1.	District	Hazard
2.	Station/ Circuit Number	3308503
3.	Station Name	Bonnyman
4.	Circuit Name	Big Creek
5.	Station Location	Typo Rd, Bonnyman
6.	Area Served	Typo, Bigcreek
7.	Circuit Length (MI)	87.56
8.	Number of Customers Served	1,452
9.	Last Circuit R/W Trim Date Completed	1/1/2012
10.	Circuit 5 Year Avg SAIDI	934.6
11.	Reporting Year SAIDI	1,329.00
12.	Circuit 5 Year Avg SAIFI	3.8
13.	Reporting Year SAIFI	4.65
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, WEATHER - UNKNOWN, OTHER, TREE REMOVAL (NON AEP), TREE INSIDE ROW, FACILITATION OF WORK, VINE, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP), VANDALISM, ERROR - FIELD, FOREIGN OBJECT (NON ANIMAL)
15.	% of Outages Due to Causes Listed In Previous row	19.51%, 17.07%, 8.54%, 8.54%, 7.32%, 6.1%, 6.1%, 4.88%, 4.88%, 3.66%, 3.66%, 3.66%, 3.66%, 1.22%, 1.22%
16.	List of Corrective Actions	Distribution Automation (DA) is planned for this circuit. Additional regulators were installed to improve partial restoration capabilities during an outage. Tree clearing in 2018.
17.	Comments	Scheduled outages account for 32% of the total SAIDI and 32% of the total SAIFI. Tree Out of ROW account for 40% of the total SAIDI and 28% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3308601
3.	Station Name	Coller
4.	Circuit Name	Upper Rockhouse
5.	Station Location	Cinnamon Rd,Coller
6.	Area Served	Elkhorn, Camp Branch
7.	Circuit Length (MI)	37.27
8.	Number of Customers Served	713
9.	Last Circuit R/W Trim Date Completed	1/27/2015
10.	Circuit 5 Year Avg SAIDI	288.1
11.	Reporting Year SAIDI	421.3
12.	Circuit 5 Year Avg SAIFI	2
13.	Reporting Year SAIFI	3.327
14.	Outage Causes	EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE OUT OF ROW, TREE REMOVAL (NON AEP), CUST. EQUIPMENT > 1 CUSTOMER, TREE INSIDE ROW, VANDALISM, WEATHER - LIGHTNING, VINE, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, SCHEDULED COMPANY, OTHER
15.	% of Outages Due to Causes Listed In Previous row	25%, 22.22%, 19.44%, 5.56%, 5.56%, 5.56%, 2.78%, 2.78%, 2.78%, 2.78%, 2.78%, 2.78%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two feeder breaker outages; one Equipment failure outage and one Tree Out of ROW outage account for 49% of the total SAIDI and 63.83% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3308602
3.	Station Name	Collier
4.	Circuit Name	Lower Rockhouse
5.	Station Location	Cinnamon Rd, Collier
6.	Area Served	Van, Roxana
7.	Circuit Length (MI)	62.84
8.	Number of Customers Served	1,432
9.	Last Circuit R/W Trlm Date Completed	1/16/2013
10.	Circuit 5 Year Avg SAIDI	348.6
11.	Reporting Year SAIDI	465.7
12.	Circuit 5 Year Avg SAIFI	2.4
13.	Reporting Year SAIFI	3.375
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), TREE INSIDE ROW, EQUIPMENT FAILURE, ABNORMAL FEED, OTHER, SCHEDULED COMPANY, VINE, WEATHER - UNKNOWN, FACILITATION OF WORK, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER
15.	% of Outages Due to Causes Listed In Previous row	25.68%, 17.57%, 12.16%, 9.46%, 8.11%, 8.11%, 6.76%, 5.41%, 2.7%, 1.35%, 1.35%, 1.35%
16.	List of Corrective Actions	Tree clearing in 2018.
17.	Comments	Two Tree Out of ROW outages account for 52% of the total SAIDI and 59% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3309002
3.	Station Name	Jeff
4.	Circuit Name	Jeff
5.	Station Location	SR 7, Jeff
6.	Area Served	Jeff
7.	Circuit Length (MI)	5.7
8.	Number of Customers Served	123
9.	Last Circuit R/W Trim Date Completed	12/31/2013
10.	Circuit 5 Year Avg SAIDI	89.1
11.	Reporting Year SAIDI	741.1
12.	Circuit 5 Year Avg SAIFI	1
13.	Reporting Year SAIFI	1.967
14.	Outage Causes	SCHEDULED COMPANY, WEATHER - UNKNOWN, VINE, TRANSMISSION INFORMATION NEEDED
15.	% of Outages Due to Causes Listed In Previous row	42.86%, 28.57%, 14.29%, 14.29%
16.	List of Corrective Actions	Distribution Automation (DA) is planned for this circuit.
17.	Comments	Two transmlsion related outages and two Shededuled outages account for 99% of the total SAIDI and 97% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3309003
3.	Station Name	Jeff
4.	Circuit Name	Viper
5.	Station Location	SR 7, Jeff
6.	Area Served	Jeff, Viper
7.	Circuit Length (MI)	67.04
8.	Number of Customers Served	1,019
9.	Last Circuit R/W Trim Date Completed	9/30/2014
10.	Circuit 5 Year Avg SAIDI	204.5
11.	Reporting Year SAIDI	392.3
12.	Circuit 5 Year Avg SAIFI	1.1
13.	Reporting Year SAIFI	2.251
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, OTHER, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, VINE, WEATHER - FLOOD/SLIDE, ERROR OPERATIONS, TREE REMOVAL (NON AEP), SCHEDULED COMPANY, ANIMAL - NON BIRD, TREE INSIDE ROW
15.	% of Outages Due to Causes Listed In Previous row	26.83%, 21.95%, 14.63%, 7.32%, 7.32%, 4.88%, 4.88%, 2.44%, 2.44%, 2.44%, 2.44%, 2.44%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Three outages; one Other, one Weather - Unknown, and one Tree Out of ROW account for 75% of the total SAIDI and 76% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3309102
3.	Station Name	Whitesburg
4.	Circuit Name	Hospital
5.	Station Location	SR 931, Whitesburg
6.	Area Served	Whitesburg, including hospital
7.	Circuit Length (MI)	7.99
8.	Number of Customers Served	222
9.	Last Circuit R/W Trfm Date Completed	9/21/2013
10.	Circuit 5 Year Avg SAIDI	120.6
11.	Reporting Year SAIDI	210.7
12.	Circuit 5 Year Avg SAIFI	1
13.	Reporting Year SAIFI	1.198
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE INSIDE ROW, UNKNOWN (NON WEATHER), TREE OUT OF ROW
15.	% of Outages Due to Causes Listed In Previous row	42.86%, 28.57%, 14.29%, 7.14%, 7.14%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One unknown outage accounts for 81% of the total SAIDI and 83% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3311103
3.	Station Name	Stinnett
4.	Circuit Name	Wendover
5.	Station Location	Greasy Creek Road, Stinnett
6.	Area Served	Stinnett, Muncy Creek
7.	Circuit Length (MI)	36.83
8.	Number of Customers Served	522
9.	Last Circuit R/W Trim Date Completed	8/1/2012
10.	Circuit 5 Year Avg SAIDI	406.3
11.	Reporting Year SAIDI	778.3
12.	Circuit 5 Year Avg SAIFI	3.2
13.	Reporting Year SAIFI	5.109
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, WEATHER - LIGHTNING, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, TREE INSIDE ROW, ANIMAL - NON BIRD, VINE, OTHER, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER
15.	% of Outages Due to Causes Listed In Previous row	31.43%, 17.14%, 11.43%, 11.43%, 5.71%, 5.71%, 5.71%, 2.86%, 2.86%, 2.86%, 2.86%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Tree Out of ROW outages account for 75% of the SAIDI and 41% of the SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3311401
3.	Station Name	Reedy
4.	Circuit Name	Deane
5.	Station Location	Blg Branch Rd, Reedy
6.	Area Served	Deane, Colson
7.	Circuit Length (Mi)	45.44
8.	Number of Customers Served	408
9.	Last Circuit R/W Trim Date Completed	3/18/2017
10.	Circuit 5 Year Avg SAIDI	427.6
11.	Reporting Year SAIDI	809.3
12.	Circuit 5 Year Avg SAIFI	2.6
13.	Reporting Year SAIFI	6.657
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TRANSMISSION INFORMATION NEEDED, VINE, OTHER, WEATHER - UNKNOWN, VANDALISM, WEATHER - LIGHTNING, TREE INSIDE ROW, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	37.21%, 23.26%, 6.98%, 4.65%, 4.65%, 4.65%, 4.65%, 4.65%, 2.33%, 2.33%, 2.33%, 2.33%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Five feeder braeker outages (two of which were Trasmisson related and three were Equipment failure related) account for 53% of the total SAIDI and 75% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3311701
3.	Station Name	Shamrock
4.	Circuit Name	Shamrock
5.	Station Location	Near Harveyton Road, Bonnyman
6.	Area Served	Hazard, Bonnyman
7.	Circuit Length (MI)	28.68
8.	Number of Customers Served	425
9.	Last Circuit R/W Trim Date Completed	3/31/2014
10.	Circuit 5 Year Avg SAIDI	640.5
11.	Reporting Year SAIDI	942.6
12.	Circuit 5 Year Avg SAIFI	3.2
13.	Reporting Year SAIFI	5.108
14.	Outage Causes	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, OTHER, TREE INSIDE ROW, VINE, VEHICLE ACCIDENT (NON AEP), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, UNKNOWN (NON WEATHER)
15.	% of Outages Due to Causes Listed in Previous row	27.59%, 13.79%, 13.79%, 13.79%, 13.79%, 6.9%, 3.45%, 3.45%, 3.45%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Tree Inside ROW account for 60% of the total SAIDI and 44% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3312201
3.	Station Name	Engle
4.	Circuit Name	Industrial Park
5.	Station Location	Coal Fields Industrial Drive, Engle
6.	Area Served	Coal Fields Industrial Park
7.	Circuit Length (MI)	4.29
8.	Number of Customers Served	22
9.	Last Circuit R/W Trim Date Completed	12/31/2013
10.	Circuit 5 Year Avg SAIDI	123.8
11.	Reporting Year SAIDI	47
12.	Circuit 5 Year Avg SAIFI	0.9
13.	Reporting Year SAIFI	1.136
14.	Outage Causes	WEATHER - LIGHTNING, UNKNOWN (NON WEATHER), FACILITATION OF WORK, SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed In Previous row	25%, 25%, 25%, 25%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Scheduled outages account for 84% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3312202
3.	Station Name	Engle
4.	Circuit Name	Grapevine
5.	Station Location	Coal Fields Industrial Drive, Engle
6.	Area Served	Manuel, Krypton, Dunraven
7.	Circuit Length (MI)	101.29
8.	Number of Customers Served	1,312
9.	Last Circuit R/W Trim Date Completed	12/4/2014
10.	Circuit 5 Year Avg SAIDI	760.9
11.	Reporting Year SAIDI	1,677.70
12.	Circuit 5 Year Avg SAIFI	4.4
13.	Reporting Year SAIFI	4.329
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE OUT OF ROW, WEATHER - UNKNOWN, OTHER, ANIMAL - BIRD, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), VINE, WEATHER - LIGHTNING, CUST. EQUIPMENT > 1 CUSTOMER, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, FACILITATION OF WORK
15.	% of Outages Due to Causes Listed In Previous row	22.22%, 20.83%, 16.67%, 15.28%, 5.56%, 5.56%, 2.78%, 2.78%, 1.39%, 1.39%, 1.39%, 1.39%, 1.39%, 1.39%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Tree Out of ROW outage accounts for 59% of the total SAIDI.

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1.	District	Hazard
2.	Station/ Circuit Number	3312901
3.	Station Name	Jenkins
4.	Circuit Name	Kona
5.	Station Location	Gateway Industrial Park, Jenkins
6.	Area Served	Payne Gap, Kona
7.	Circuit Length (Mi)	27.57
8.	Number of Customers Served	479
9.	Last Circuit R/W Trim Date Completed	12/15/2017
10.	Circuit 5 Year Avg SAIDI	194.4
11.	Reporting Year SAIDI	632.3
12.	Circuit 5 Year Avg SAIFI	1.3
13.	Reporting Year SAIFI	4.443
14.	Outage Causes	UNKNOWN (NON WEATHER), TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, OTHER, VEHICLE ACCIDENT (NON AEP), VINE, TREE INSIDE ROW, ANIMAL - NON BIRD, TRANSMISSION INFORMATION NEEDED
15.	% of Outages Due to Causes Listed In Previous row	34.62%, 15.38%, 15.38%, 7.69%, 7.69%, 3.85%, 3.85%, 3.85%, 3.85%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Three transmission related outages account for 82% of the total SAIDI and 67% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3312902
3.	Station Name	Jenkins
4.	Circuit Name	Jenkins
5.	Station Location	Gateway Industrial Park, Jenkins
6.	Area Served	Jenkins, Burdine
7.	Circuit Length (MI)	23.72
8.	Number of Customers Served	618
9.	Last Circuit R/W Trim Date Completed	8/17/2013
10.	Circuit 5 Year Avg SAIDI	190.4
11.	Reporting Year SAIDI	688.1
12.	Circuit 5 Year Avg SAIFI	2.3
13.	Reporting Year SAIFI	5.853
14.	Outage Causes	UNKNOWN (NON WEATHER), TREE OUT OF ROW, SCHEDULED COMPANY, ANIMAL - NON BIRD, TREE INSIDE ROW, EQUIPMENT FAILURE, TRANSMISSION INFORMATION NEEDED, VINE, OTHER, ANIMAL - BIRD
15.	% of Outages Due to Causes Listed in Previous row	22.22%, 18.52%, 14.81%, 11.11%, 11.11%, 7.41%, 3.7%, 3.7%, 3.7%, 3.7%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Three transmission related outages and two outages for station transformer maintenance account for 80% of the total SAIDI and 86% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3314401
3.	Station Name	Mayking
4.	Circuit Name	Ermine
5.	Station Location	HWY 119, Mayking
6.	Area Served	Mayking
7.	Circuit Length (Mi)	28.75
8.	Number of Customers Served	622
9.	Last Circuit R/W Trfm Date Completed	10/30/2015
10.	Circuit 5 Year Avg SAIDI	257.2
11.	Reporting Year SAIDI	454.1
12.	Circuit 5 Year Avg SAIFI	2.2
13.	Reporting Year SAIFI	3.333
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VEHICLE ACCIDENT (NON AEP), SCHEDULED COMPANY, WEATHER - UNKNOWN, VINE, OTHER, CUST. EQUIPMENT > 1 CUSTOMER, TREE REMOVAL (NON AEP), ANIMAL - NON BIRD, TREE INSIDE ROW
15.	% of Outages Due to Causes Listed In Previous row	20%, 20%, 14.29%, 11.43%, 8.57%, 5.71%, 5.71%, 2.86%, 2.86%, 2.86%, 2.86%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Four outages; one Scheduled, one Unknown, one Tree Out of ROW, and one Vehicle Accident accounts for 72% of the total SAIDI and 73% of the total SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3314402
3.	Station Name	Mayking
4.	Circuit Name	Millstone
5.	Station Location	HWY 119, Mayking
6.	Area Served	Mayking, Thornton
7.	Circuit Length (MI)	53.5
8.	Number of Customers Served	944
9.	Last Circuit R/W Trim Date Completed	12/15/2015
10.	Circuit 5 Year Avg SAIDI	359.3
11.	Reporting Year SAIDI	369.2
12.	Circuit 5 Year Avg SAIFI	2.3
13.	Reporting Year SAIFI	1.307
14.	Outage Causes	UNKNOWN (NON WEATHER), TREE OUT OF ROW, EQUIPMENT FAILURE, OTHER, SCHEDULED COMPANY, WEATHER - UNKNOWN, TREE INSIDE ROW, CUST. EQUIPMENT > 1 CUSTOMER, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), VINE, VANDALISM
15.	% of Outages Due to Causes Listed in Previous row	22.22%, 20.37%, 16.67%, 14.81%, 7.41%, 5.56%, 5.56%, 1.85%, 1.85%, 1.85%, 1.85%
16.	List of Corrective Actions	Rebuild 9kF of aged conductor.
17.	Comments	Two Weather related outages account for 51% of the total SAIDI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3400101
3.	Station Name	Allen
4.	Circuit Name	Distribution
5.	Station Location	Near Stumbo Park 1.4 miles south of Allen, KY.
6.	Area Served	City of Allen Banner Road
7.	Circuit Length (MI)	27.57
8.	Number of Customers Served	796
9.	Last Circuit R/W Trim Date Completed	2/13/2016
10.	Circuit 5 Year Avg SAIDI	247.1
11.	Reporting Year SAIDI	451.5
12.	Circuit 5 Year Avg SAIFI	1.2
13.	Reporting Year SAIFI	2.274
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, OTHER, WEATHER - LIGHTNING, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, TREE INSIDE ROW, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	26.32%, 26.32%, 10.53%, 10.53%, 5.26%, 5.26%, 5.26%, 5.26%, 5.26%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two equipment failure outages in the station zone accounted for 90% of the SAIDI and 88% of the SAIFI on this circuit.

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1.	District	Pikeville
2.	Station/ Circuit Number	3400301
3.	Station Name	Betsy Layne
4.	Circuit Name	Mudcreek
5.	Station Location	Located at Justell across the river at Betsy Layne on U.S. 23.
6.	Area Served	KY Route 1426 KY Route 979 Ky Route 2030
7.	Circuit Length (MI)	77.58
8.	Number of Customers Served	1,632
9.	Last Circuit R/W Trim Date Completed	7/31/2015
10.	Circuit 5 Year Avg SAIDI	423.1
11.	Reporting Year SAIDI	537.5
12.	Circuit 5 Year Avg SAIFI	2.4
13.	Reporting Year SAIFI	2.57
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - UNKNOWN, VINE, TREE INSIDE ROW, UNKNOWN (NON WEATHER), FACILITATION OF WORK, OTHER, FOREIGN OBJECT (NON ANIMAL), UG CONST. /DIG-INS (NON AEP), WEATHER - LIGHTNING, ANIMAL - NON BIRD, VANDALISM
15.	% of Outages Due to Causes Listed In Previous row	17.91%, 16.42%, 16.42%, 10.45%, 8.96%, 8.96%, 7.46%, 4.48%, 1.49%, 1.49%, 1.49%, 1.49%, 1.49%, 1.49%
16.	List of Corrective Actions	Planned cutout replacements for 2018
17.	Comments	One equipment failure accounted for 22% of SAIDI for this circuit. One instance of tree inside row accounted for 24% of the total SAIDI. These two outages accounted for 66% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3400302
3.	Station Name	Betsy Layne
4.	Circuit Name	Tram
5.	Station Location	Located at Justell across the river at Betsy Layne on U.S. 23.
6.	Area Served	US 23 Mare Creek Ivy Creek
7.	Circuit Length (MI)	34.93
8.	Number of Customers Served	889
9.	Last Circuit R/W Trim Date Completed	9/24/2016
10.	Circuit 5 Year Avg SAIDI	296.9
11.	Reporting Year SAIDI	664.3
12.	Circuit 5 Year Avg SAIFI	1.5
13.	Reporting Year SAIFI	2.449
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, OTHER, UNKNOWN (NON WEATHER), VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING, TREE INSIDE ROW
15.	% of Outages Due to Causes Listed in Previous row	58.62%, 13.79%, 6.9%, 6.9%, 3.45%, 3.45%, 3.45%, 3.45%
16.	List of Corrective Actions	Planned cutout replacements for 2018
17.	Comments	Two instances of equipment failure accounted for 89% of the total SAIDI and 82% of the total SAIFI. This caused the circuit to exceed our 5 yr average in both SAIDI & SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3400303
3.	Station Name	Betsy Layne
4.	Circuit Name	Harold
5.	Station Location	Located at Justell across the river at Betsy Layne on U.S. 23.
6.	Area Served	Off US 23, Scalf Road, Betsy Layne
7.	Circuit Length (Mi)	55.74
8.	Number of Customers Served	1,625
9.	Last Circuit R/W Trlm Date Completed	6/20/2015
10.	Circuit 5 Year Avg SAIDI	333.8
11.	Reporting Year SAIDI	439.8
12.	Circuit 5 Year Avg SAIFI	2.1
13.	Reporting Year SAIFI	2.613
14.	Outage Causes	TREE INSIDE ROW, EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), FACILITATION OF WORK, VINE, OTHER, WEATHER - UNKNOWN, WEATHER - LIGHTNING, TREE REMOVAL (NON AEP), UG CONST. /DIG-INS (NON AEP), ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed in Previous row	21.88%, 20.83%, 11.46%, 10.42%, 8.33%, 7.29%, 5.21%, 5.21%, 3.13%, 2.08%, 2.08%, 1.04%, 1.04%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two instances of equipment failure accounted for 55% of the total SAIDI and 48% of the total SAIFI.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3400602
3.	Station Name	Burton
4.	Circuit Name	Wheelwright
5.	Station Location	Located on Route 122 between Wheelwright, KY and HI Hat, KY.
6.	Area Served	Wheelwright Melvin
7.	Circuit Length (MI)	20.81
8.	Number of Customers Served	723
9.	Last Circuit R/W Trim Date Completed	2/28/2014
10.	Circuit 5 Year Avg SAIDI	331.4
11.	Reporting Year SAIDI	565.4
12.	Circuit 5 Year Avg SAIFI	1.5
13.	Reporting Year SAIFI	2.173
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE OUT OF ROW, OTHER, VEHICLE ACCIDENT (NON AEP), VINE, ANIMAL - BIRD, WEATHER - UNKNOWN, TREE REMOVAL (NON AEP), UNKNOWN (NON WEATHER)
15.	% of Outages Due to Causes Listed In Previous row	23.08%, 23.08%, 19.23%, 7.69%, 7.69%, 3.85%, 3.85%, 3.85%, 3.85%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Five instances of Trees Out of ROW accounted for 36% of SAIDI for this circuit in 2017. One Vehicle Accident (Non AEP) and one Scheduled Company together accounted for 43% of the total SAIFI.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3400701
3.	Station Name	Draffin
4.	Circuit Name	Belcher
5.	Station Location	Near Road Creek Road, Elkhorn City, KY
6.	Area Served	Draffin, Belcher, KY
7.	Circuit Length (MI)	21.62
8.	Number of Customers Served	398
9.	Last Circuit R/W Trlm Date Completed	1/31/2013
10.	Circuit 5 Year Avg SAIDI	275.4
11.	Reporting Year SAIDI	192.8
12.	Circuit 5 Year Avg SAIFI	1.7
13.	Reporting Year SAIFI	1.967
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE INSIDE ROW, VINE, CONTAMINATION/FLASHOVER, FACILITATION OF WORK, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	33.33%, 23.81%, 14.29%, 9.52%, 4.76%, 4.76%, 4.76%, 4.76%
16.	List of Corrective Actions	Cycle trimming planned for 2018.
17.	Comments	One Tree Out of ROW outage accounted for 50% of the total SAIDI and 51.1% of the total SAIFI.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3401101
3.	Station Name	Falcon
4.	Circuit Name	Oil Springs
5.	Station Location	On Route 40 East, 2.6 miles from Salyersville.
6.	Area Served	Highway 460 W, Salyersville
7.	Circuit Length (MI)	48.05
8.	Number of Customers Served	642
9.	Last Circuit R/W Trim Date Completed	10/1/2014
10.	Circuit 5 Year Avg SAIDI	563.4
11.	Reporting Year SAIDI	582
12.	Circuit 5 Year Avg SAIFI	2.7
13.	Reporting Year SAIFI	2.989
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, ANIMAL - NON BIRD, TREE INSIDE ROW, SCHEDULED COMPANY, OTHER, UNKNOWN (NON WEATHER), VANDALISM, WEATHER - LIGHTNING, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	33.33%, 21.43%, 9.52%, 9.52%, 7.14%, 7.14%, 4.76%, 2.38%, 2.38%, 2.38%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Tree Out of ROW accounted for 35% of the total SAIDI and 33% of the total SAIFI for this circuit in 2017.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3401103
3.	Station Name	Falcon
4.	Circuit Name	Burning Fork
5.	Station Location	On Route 40 East, 2.6 miles from Salyersville.
6.	Area Served	Highway 460 W, Salyersville
7.	Circuit Length (MI)	73.19
8.	Number of Customers Served	1,377
9.	Last Circuit R/W Trim Date Completed	5/31/2015
10.	Circuit 5 Year Avg SAIDI	603.9
11.	Reporting Year SAIDI	619
12.	Circuit 5 Year Avg SAIFI	2.7
13.	Reporting Year SAIFI	2.409
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, ANIMAL - NON BIRD, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, CUST. EQUIPMENT > 1 CUSTOMER, WEATHER - LIGHTNING, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, TREE INSIDE ROW, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), ERROR - FIELD, UG CONST. /DIG-INS (NON AEP), VANDALISM, VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	25.42%, 20.34%, 16.95%, 8.47%, 6.78%, 3.39%, 3.39%, 3.39%, 3.39%, 1.69%, 1.69%, 1.69%, 1.69%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder breaker outage caused by lightning accounted for 26% of the total SAIDI and 40% of the total SAIFI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3401702
3.	Station Name	Henry Clay
4.	Circuit Name	Regina
5.	Station Location	Near Marrowbone, Creek, Elkhorn City, KY
6.	Area Served	Rockhouse, Greasy Creek, Penny, Millard, KY
7.	Circuit Length (MI)	114.05
8.	Number of Customers Served	2,552
9.	Last Circuit R/W Trlm Date Completed	9/16/2017
10.	Circuit 5 Year Avg SAIDI	431.9
11.	Reporting Year SAIDI	588.4
12.	Circuit 5 Year Avg SAIFI	2.6
13.	Reporting Year SAIFI	3.085
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TREE OUT OF ROW, TREE INSIDE ROW, OTHER, WEATHER - UNKNOWN, TREE REMOVAL (NON AEP), ERROR - FIELD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, VINE, ERROR - OPERATIONS, VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	24.24%, 22.22%, 16.16%, 12.12%, 6.06%, 5.05%, 4.04%, 3.03%, 2.02%, 2.02%, 1.01%, 1.01%, 1.01%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Tree Out of ROW outage accounted for 24.7% of the total SAIDI and 32.2% of the total SAIFI.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3401703
3.	Station Name	Henry Clay
4.	Circuit Name	Ashcamp
5.	Station Location	Near Marrowbone, Creek, Elkhorn City, KY
6.	Area Served	Helller, Ashcamp, KY
7.	Circuit Length (Mi)	42.38
8.	Number of Customers Served	776
9.	Last Circuit R/W Trim Date Completed	10/15/2016
10.	Circuit 5 Year Avg SAIDI	435.9
11.	Reporting Year SAIDI	429.5
12.	Circuit 5 Year Avg SAIFI	2.5
13.	Reporting Year SAIFI	3.405
14.	Outage Causes	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, VEHICLE ACCIDENT (NON AEP), TREE INSIDE ROW, WEATHER - UNKNOWN, SCHEDULED COMPANY, ERROR - FIELD, VINE
15.	% of Outages Due to Causes Listed In Previous row	28.95%, 23.68%, 15.79%, 7.89%, 7.89%, 5.26%, 5.26%, 2.63%, 2.63%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two feeder outages due to Tree Out of ROW accounted for 82.1% of the total SAIDI and 58.5% of the total SAIFI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3402002
3.	Station Name	Keyser
4.	Circuit Name	Stonecoal
5.	Station Location	Near North Mayo Trall, Pikeville, KY
6.	Area Served	Zebulon, KY
7.	Circuit Length (MI)	37.75
8.	Number of Customers Served	779
9.	Last Circuit R/W Trim Date Completed	3/13/2018
10.	Circuit 5 Year Avg SAIDI	310
11.	Reporting Year SAIDI	407.9
12.	Circuit 5 Year Avg SAIFI	2.1
13.	Reporting Year SAIFI	3.589
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, TREE INSIDE ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VEHICLE ACCIDENT (NON AEP), VINE, OTHER, WEATHER - UNKNOWN, TRANSMISSION INFORMATION NEEDED, VANDALISM
15.	% of Outages Due to Causes Listed in Previous row	27.59%, 18.97%, 17.24%, 17.24%, 5.17%, 3.45%, 3.45%, 1.72%, 1.72%, 1.72%, 1.72%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One station outage due to Transmission accounted for 18.7% of the total SAIDI and 26.9% of the total SAIFI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3402204
3.	Station Name	Mckinney
4.	Circuit Name	Maytown
5.	Station Location	On Cow Hollow Road near Drift, KY.
6.	Area Served	Langley Maytown Turkey Cr.
7.	Circuit Length (MI)	35.47
8.	Number of Customers Served	508
9.	Last Circuit R/W Trim Date Completed	9/10/2016
10.	Circuit 5 Year Avg SAIDI	363.1
11.	Reporting Year SAIDI	2,107.30
12.	Circuit 5 Year Avg SAIFI	2.2
13.	Reporting Year SAIFI	5.47
14.	Outage Causes	TREE OUT OF ROW, OTHER, VEHICLE ACCIDENT (NON AEP), TREE REMOVAL (NON AEP), SCHEDULED COMPANY, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), EQUIPMENT FAILURE
15.	% of Outages Due to Causes Listed in Previous row	73.08%, 7.69%, 3.85%, 3.85%, 3.85%, 3.85%, 3.85%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Trees out of ROW accounted for 96% of theSAIDI and 87% of SAIFI for this circuit in 2017.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3402501
3.	Station Name	Middle Creek
4.	Circuit Name	Distribution
5.	Station Location	On Route 404 near David Ky.
6.	Area Served	Off KY RT 404 David, KY
7.	Circuit Length (MI)	5.79
8.	Number of Customers Served	115
9.	Last Circuit R/W Trim Date Completed	10/22/2016
10.	Circuit 5 Year Avg SAIDI	360.2
11.	Reporting Year SAIDI	524.1
12.	Circuit 5 Year Avg SAIFI	1.8
13.	Reporting Year SAIFI	1.078
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	50%, 33.33%, 16.67%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	A scheduled outage to replace failed high side switches in the substation accounted for 96% of SAIDI. This caused the circuit to exceed the 5 year average for SAIDI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3403202
3.	Station Name	Beaver Creek
4.	Circuit Name	Prce
5.	Station Location	At the Junction of Hwy 122 and Hwy 979 at HI Hat, KY.
6.	Area Served	KY Route 122 Spewing Camp
7.	Circuit Length (MI)	25.71
8.	Number of Customers Served	423
9.	Last Circuit R/W Trim Date Completed	5/9/2014
10.	Circuit 5 Year Avg SAIDI	351.7
11.	Reporting Year SAIDI	269.5
12.	Circuit 5 Year Avg SAIFI	1.7
13.	Reporting Year SAIFI	2.853
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, TREE INSIDE ROW, WEATHER - UNKNOWN, WEATHER - LIGHTNING
15.	% of Outages Due to Causes Listed In Previous row	44.44%, 22.22%, 11.11%, 11.11%, 5.56%, 5.56%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Equipment Failure outage that was required to disconnect a falling 138KV capacitor accounted for 34% of the SAIFI. This caused the circuit to exceed the 5 year average for SAIFI.

**Kentucky Power Company
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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3403701
3.	Station Name	Russell Fork
4.	Circuit Name	Little Beaver
5.	Station Location	Near Beaver Creek Road, Elkhorn City, KY
6.	Area Served	Beaver Creek Road, Left Fork
7.	Circuit Length (MI)	12.36
8.	Number of Customers Served	129
9.	Last Circuit R/W Trim Date Completed	12/16/2017
10.	Circuit 5 Year Avg SAIDI	409.1
11.	Reporting Year SAIDI	1,359.00
12.	Circuit 5 Year Avg SAIFI	2.4
13.	Reporting Year SAIFI	3.698
14.	Outage Causes	TREE INSIDE ROW, TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - UNKNOWN, TREE REMOVAL (NON AEP), SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed In Previous row	21.05%, 21.05%, 15.79%, 15.79%, 10.53%, 10.53%, 5.26%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Scheduled Company feeder outage accounted for 30.1% of the total SAIDI and 26.6% of the total SAIFI. Two Tree Out of ROW outages accounted for 28.3% of the total SAIDI and 16.8% of the total SAIFI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3407101
3.	Station Name	Topmost
4.	Circuit Name	Dema
5.	Station Location	Beside Hwy 7 near Topmost, KY.
6.	Area Served	HWY 7 Dema
7.	Circuit Length (MI)	36.47
8.	Number of Customers Served	529
9.	Last Circuit R/W Trm Date Completed	4/15/2016
10.	Circuit 5 Year Avg SAIDI	251.3
11.	Reporting Year SAIDI	413.4
12.	Circuit 5 Year Avg SAIFI	1.2
13.	Reporting Year SAIFI	1.586
14.	Outage Causes	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, CUST. EQUIPMENT > 1 CUSTOMER, OTHER, UNKNOWN (NON WEATHER), TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	52.38%, 14.29%, 9.52%, 9.52%, 4.76%, 4.76%, 4.76%
16.	List of Corrective Actions	Moving sections of Inaccessible line near road to limit exposure to trees.
17.	Comments	Three instances of Tree Out of ROW accounted for 75% of SAIDI and 70% of SAIFI. This caused the circuit to exceed the 5 year average for both SAIDI & SAIFI.

**Kentucky Power Company
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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3407103
3.	Station Name	Topmost
4.	Circuit Name	Klte
5.	Station Location	Beside Hwy 7 near Topmost, KY.
6.	Area Served	SR 7, Roaring Branch Road, Hall Branch Road, Mullins Branch Road
7.	Circuit Length (Mi)	25.41
8.	Number of Customers Served	354
9.	Last Circuit R/W Trlm Date Completed	6/15/2016
10.	Circuit 5 Year Avg SAIDI	251.6
11.	Reporting Year SAIDI	370.4
12.	Circuit 5 Year Avg SAIFI	1.3
13.	Reporting Year SAIFI	1.370
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, OTHER, FIRE - AEP, OR AFFECTING > 1 CUSTOMER
15.	% of Outages Due to Causes Listed In Previous row	30.77%, 30.77%, 15.38%, 15.38%, 7.69%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One scheduled outage accounted for 79% of the SAIDI and 73% of the SAIFI for this circuit in 2017.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3408103
3.	Station Name	Salisbury
4.	Circuit Name	Martin
5.	Station Location	On Route 122 East 2.2 miles from Martin, KY.
6.	Area Served	Martin Stephens Br Bucks Br.
7.	Circuit Length (MI)	47.1
8.	Number of Customers Served	1,088
9.	Last Circuit R/W Trlm Date Completed	8/30/2013
10.	Circuit 5 Year Avg SAIDI	93.6
11.	Reporting Year SAIDI	570.9
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	3.179
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), OTHER, TREE INSIDE ROW, VINE, VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING, TREE REMOVAL (NON AEP), ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed in Previous row	29.79%, 21.28%, 12.77%, 8.51%, 8.51%, 6.38%, 4.26%, 2.13%, 2.13%, 2.13%, 2.13%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage due to Tree Out of ROW accounted for 32% of SAIDI and 21% of SAIFI for this circuit in 2017. One vehicle accident accounted for 32% of SAIDI for and 24% of SAIFI this circuit in 2017.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3408304
3.	Station Name	Coleman
4.	Circuit Name	Calloway
5.	Station Location	Along Calloway Branch just off Right Fork of Peter Creek (Phelps 632 Road)
6.	Area Served	Coleman, KY
7.	Circuit Length (MI)	38.52
8.	Number of Customers Served	547
9.	Last Circuit R/W Trlm Date Completed	12/15/2015
10.	Circuit 5 Year Avg SAIDI	709.4
11.	Reporting Year SAIDI	1,022.10
12.	Circuit 5 Year Avg SAIFI	2.5
13.	Reporting Year SAIFI	3.415
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, VEHICLE ACCIDENT (NON AEP), UNKNOWN (NON WEATHER), SCHEDULED COMPANY, ANIMAL - BIRD
15.	% of Outages Due to Causes Listed in Previous row	44.83%, 27.59%, 10.34%, 6.9%, 6.9%, 3.45%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two Tree Out of ROW outages accounted for 52.1% of the total SAIDI and 34.2% of the total SAIFI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3408402
3.	Station Name	Kimper
4.	Circuit Name	Grapevine
5.	Station Location	Near State Highway 194 E, Kimper, KY
6.	Area Served	Phyllis, KY
7.	Circuit Length (MI)	35.83
8.	Number of Customers Served	613
9.	Last Circuit R/W Trim Date Completed	3/13/2018
10.	Circuit 5 Year Avg SAIDI	887.3
11.	Reporting Year SAIDI	919.6
12.	Circuit 5 Year Avg SAIFI	4.2
13.	Reporting Year SAIFI	2.6
14.	Outage Causes	TREE OUT OF ROW, TREE INSIDE ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - UNKNOWN, CUST. EQUIPMENT > 1 CUSTOMER, OTHER, Grand Total
15.	% of Outages Due to Causes Listed in Previous row	30.56%, 19.44%, 19.44%, 11.11%, 8.33%, 5.56%, 2.78%, 2.78%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two Tree Out of ROW outages accounted for 53.9% of the total SAIDI and 57% of the total SAIFI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3409001
3.	Station Name	West Paintsville
4.	Circuit Name	Paintsville
5.	Station Location	On William Henry Dixon Blvd off of Hwy 40 In Paintsville, KY.
6.	Area Served	3rd Street 4th Street 5th Street Court Street
7.	Circuit Length (MI)	4.08
8.	Number of Customers Served	266
9.	Last Circuit R/W Trlm Date Completed	10/7/2017
10.	Circuit 5 Year Avg SAIDI	167.3
11.	Reporting Year SAIDI	541.8
12.	Circuit 5 Year Avg SAIFI	0.8
13.	Reporting Year SAIFI	1.838
14.	Outage Causes	EQUIPMENT FAILURE, TREE INSIDE ROW, WEATHER - UNKNOWN, VINE, CUST. EQUIPMENT > 1 CUSTOMER, TREE OUT OF ROW
15.	% of Outages Due to Causes Listed in Previous row	35.71%, 35.71%, 7.14%, 7.14%, 7.14%, 7.14%
16.	List of Corrective Actions	Planned cutout replacements for 2018
17.	Comments	One feeder outage due to Weather-Unknown accounted for 17% of SAIDI and 54% of SAIFI. One outage due to Tree In ROW accounted for 55% of SAIDI and 28% of SAIFI.

Kentucky Power Company
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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3409003
3.	Station Name	West Paintsville
4.	Circuit Name	Plaza
5.	Station Location	On William Henry Dixon Blvd off of Hwy 40 In Paintsville, KY.
6.	Area Served	West Paintsville Hwy 460
7.	Circuit Length (MI)	24.32
8.	Number of Customers Served	725
9.	Last Circuit R/W Trim Data Completed	5/20/2017
10.	Circuit 5 Year Avg SAIDI	367.5
11.	Reporting Year SAIDI	407.4
12.	Circuit 5 Year Avg SAIFI	2.1
13.	Reporting Year SAIFI	2.672
14.	Outage Causes	EQUIPMENT FAILURE, SCHEDULED COMPANY, ANIMAL - NON BIRD, TREE OUT OF ROW, TREE INSIDE ROW, UNKNOWN (NON WEATHER), CUST. EQUIPMENT > 1 CUSTOMER
15.	% of Outages Due to Causes Listed In Previous row	36.84%, 21.05%, 10.53%, 10.53%, 10.53%, 5.26%, 5.26%
16.	List of Corrective Actions	Planned cutout replacements for 2018.
17.	Comments	One feeder outage caused by Tree Out ROW accounted for 19% of SAIDI and 37% of SAIFI for this circuit in 2017.

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2018 Annual Reliability Report
Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3409402
3.	Station Name	Feds Creek
4.	Circuit Name	Lick Creek
5.	Station Location	On Hwy 460 near Card Mtn Road.
6.	Area Served	Lick Creek, Ferrells Creek
7.	Circuit Length (MI)	17.81
8.	Number of Customers Served	333
9.	Last Circuit R/W Trfm Date Completed	8/28/2015
10.	Circuit 5 Year Avg SAIDI	171.9
11.	Reporting Year SAIDI	247.9
12.	Circuit 5 Year Avg SAIFI	1.4
13.	Reporting Year SAIFI	2.369
14.	Outage Causes	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, OTHER, VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING, TREE OUT OF ROW, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed In Previous row	23.08%, 23.08%, 23.08%, 7.69%, 7.69%, 7.69%, 7.69%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two outages classified as Other which were required to perform planned work accounted for 22.9% of the total SAIDI and 82.4% of the total SAIFI.

**Kentucky Power Company
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Section 5: Circuit Reporting**

1.	District	Hazard
2.	Station/ Circuit Number	3409503
3.	Station Name	Burdine
4.	Circuit Name	Jenkins
5.	Station Location	Elison Ln, Burdine
6.	Area Served	Burdine, East Jenkins
7.	Circuit Length (MI)	8.32
8.	Number of Customers Served	352
9.	Last Circuit R/W Trlm Data Completed	3/1/2018
10.	Circuit 5 Year Avg SAIDI	238
11.	Reporting Year SAIDI	735.9
12.	Circuit 5 Year Avg SAIFI	2.9
13.	Reporting Year SAIFI	1.56
14.	Outage Causes	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	50%, 30%, 10%, 10%
16.	List of Corrective Actions	Add switches to aid in partial restoration efforts.
17.	Comments	One outage on high side of the station transformer accounts for 41% of the total SAIDI. One Tree Our of ROW accounts for 52% of the total SAIDI. These two outages account for 93% of the total SAIDI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3410501
3.	Station Name	South Pikeville
4.	Circuit Name	Pikeville
5.	Station Location	Near South Mayo Trail, Pikeville, KY
6.	Area Served	Pikeville, KY
7.	Circuit Length (MI)	14.33
8.	Number of Customers Served	688
9.	Last Circuit R/W Trim Date Completed	4/8/2017
10.	Circuit 5 Year Avg SAIDI	164.7
11.	Reporting Year SAIDI	342.5
12.	Circuit 5 Year Avg SAIFI	1.2
13.	Reporting Year SAIFI	1.145
14.	Outage Causes	EQUIPMENT FAILURE, TREE INSIDE ROW, WEATHER - UNKNOWN, SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), VEHICLE ACCIDENT (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	29.41%, 23.53%, 11.76%, 11.76%, 11.76%, 5.88%, 5.88%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage due to Vehicle Accident (Non AEP) accounted for 90.6% of the total SAIDI and 87.2% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3410502
3.	Station Name	South Pikeville
4.	Circuit Name	Islandcre
5.	Station Location	Near South Mayo Trall, Pikeville, KY
6.	Area Served	Pikeville, Little Dixie, KY
7.	Circuit Length (MI)	40.70
8.	Number of Customers Served	894
9.	Last Circuit R/W Trim Date Completed	4/11/2014
10.	Circuit 5 Year Avg SAIDI	462
11.	Reporting Year SAIDI	336.5
12.	Circuit 5 Year Avg SAIFI	1.8
13.	Reporting Year SAIFI	2.011
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, SCHEDULED COMPANY, ERROR - FIELD, TREE INSIDE ROW, ANIMAL - NON BIRD
15.	% of Outages Due to Causes Listed In Previous row	39.53%, 25.58%, 18.6%, 4.65%, 4.65%, 2.33%, 2.33%, 2.33%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One feeder outage due to Equipment Failure accounted for 55.2% of the total SAIDI and 49.4% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3410602
3.	Station Name	East Prestonsburg
4.	Circuit Name	Lancer
5.	Station Location	Near S. Lakeside Drive in Prestonsburg
6.	Area Served	S Lake Dr, Lake Rd, SR 1428, N Roberts Dr, S Roberts Dr, Goble Ln
7.	Circuit Length (MI)	24.96
8.	Number of Customers Served	971
9.	Last Circuit R/W Trim Date Completed	3/31/2015
10.	Circuit 5 Year Avg SAIDI	169.6
11.	Reporting Year SAIDI	415.3
12.	Circuit 5 Year Avg SAIFI	0.9
13.	Reporting Year SAIFI	2.203
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - LIGHTNING, ANIMAL - NON BIRD, OTHER
15.	% of Outages Due to Causes Listed In Previous row	46.15%, 19.23%, 15.38%, 7.69%, 7.69%, 3.85%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two feeder outages due to Equipment Failure accounted for 92% ofSAIDI and 91% of SAIFI for this circuit in 2018. One was a failed arrester in the station and one was a failed cutout on the distribution circuit.

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1.	District	Pikeville
2.	Station/ Circuit Number	3411801
3.	Station Name	Johns Creek
4.	Circuit Name	Meta
5.	Station Location	Near State Highway 194 E, Kimper, KY
6.	Area Served	Meta, Varney, KY
7.	Circuit Length (MI)	187.29
8.	Number of Customers Served	2,026
9.	Last Circuit R/W Trim Date Completed	12/1/2015
10.	Circuit 5 Year Avg SAIDI	705.4
11.	Reporting Year SAIDI	998.7
12.	Circuit 5 Year Avg SAIFI	3
13.	Reporting Year SAIFI	5.824
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, VEHICLE ACCIDENT (NON AEP), ANIMAL - BIRD, OTHER, VINE, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - LIGHTNING, ANIMAL - NON BIRD, VANDALISM, TREE INSIDE ROW, CUST. EQUIPMENT > 1 CUSTOMER, ANIMAL BUS
15.	% of Outages Due to Causes Listed In Previous row	28.28%, 25.25%, 12.12%, 7.07%, 4.04%, 3.03%, 3.03%, 2.02%, 2.02%, 2.02%, 2.02%, 2.02%, 1.01%, 1.01%
16.	List of Corrective Actions	Cycle trimming planned for 2018.
17.	Comments	Two station outages, Animal-Bird and Animal-Non Bird, accounted for 24.7% of the total SAIDI and 22.1% of the total SAIFI. One Equipment Failure outage caused by a broken cutout accounted for 5.7% of the total SAIDI and 11.1% of the total SAIFI.

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1.	District	Pikeville
2.	Station/ Circuit Number	3411802
3.	Station Name	Johns Creek
4.	Circuit Name	Raccoon
5.	Station Location	Near State Highway 194 E, Klemper, KY
6.	Area Served	Raccoon, Klemper, KY
7.	Circuit Length (MI)	85.89
8.	Number of Customers Served	1,695
9.	Last Circuit R/W Trim Date Completed	5/31/2016
10.	Circuit 5 Year Avg SAIDI	472.4
11.	Reporting Year SAIDI	660.9
12.	Circuit 5 Year Avg SAIFI	3.4
13.	Reporting Year SAIFI	3.753
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, VEHICLE ACCIDENT (NON AEP), ANIMAL - BIRD, OTHER, VINE, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - LIGHTNING, ANIMAL - NON BIRD, VANDALISM, TREE INSIDE ROW, CUST. EQUIPMENT > 1 CUSTOMER, ANIMAL BUS, SCHEDULED COMPANY, FOREIGN OBJECT (NON ANIMAL), TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	28.28%, 25.25%, 12.12%, 7.07%, 4.04%, 3.03%, 3.03%, 2.02%, 2.02%, 2.02%, 2.02%, 2.02%, 1.01%, 1.01%, 1.01%, 1.01%, 1.01%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Two station outages, Animal-Bird and Animal-Non Bird, accounted for 57.9% of the total SAIDI and 54% of the total SAIFI.

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Section 5: Circuit Reporting**

1.	District	Pikeville
2.	Station/ Circuit Number	3412901
3.	Station Name	Weeksbury
4.	Circuit Name	Distribution
5.	Station Location	On Skull Fk about 4 miles from Melvin, KY.
6.	Area Served	KY Route 466 Skull Fk.
7.	Circuit Length (MI)	26.45
8.	Number of Customers Served	428
9.	Last Circuit R/W Trim Date Completed	1/31/2014
10.	Circuit 5 Year Avg SAIDI	601.3
11.	Reporting Year SAIDI	1,038.90
12.	Circuit 5 Year Avg SAIFI	2.3
13.	Reporting Year SAIFI	4.362
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), OTHER, ABNORMAL FEED, VEHICLE ACCIDENT (NON AEP), TRANSMISSION INFORMATION NEEDED
15.	% of Outages Due to Causes Listed In Previous row	28.57%, 23.81%, 14.29%, 9.52%, 9.52%, 4.76%, 4.76%, 4.76%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Trees out of ROW accounted for 70% of SAIDI and 57% of SAIFI for this circuit In 2017, causing the circuit to exceed the 5 year average of SAIDI & SAIFI.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3413402
3.	Station Name	Garrett
4.	Circuit Name	Lackey
5.	Station Location	On Route 777 at Garrett, KY.
6.	Area Served	Hwy 7 Hwy 550
7.	Circuit Length (MI)	34.98
8.	Number of Customers Served	541
9.	Last Circuit R/W Trim Date Completed	1/28/2017
10.	Circuit 5 Year Avg SAIDI	247.9
11.	Reporting Year SAIDI	483.5
12.	Circuit 5 Year Avg SAIFI	1
13.	Reporting Year SAIFI	2.701
14.	Outage Causes	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, VANDALISM, ANIMAL - BIRD, VINE, FACILITATION OF WORK, UNKNOWN (NON WEATHER)
15.	% of Outages Due to Causes Listed in Previous row	56%, 12%, 12%, 4%, 4%, 4%, 4%, 4%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Scheduled Outages accounted for 78% of both SAIDI and SAIFI for this circuit in 2017, causing the circuit to exceed the 5 yr average of SAIDI & SAIFI.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3417602
3.	Station Name	New Camp
4.	Circuit Name	Appal. Reg. Hospital
5.	Station Location	Near New Camp Road, South Williamson, KY
6.	Area Served	Turkey Creek, KY
7.	Circuit Length (MI)	21.57
8.	Number of Customers Served	695
9.	Last Circuit R/W Trlm Date Completed	10/14/2017
10.	Circuit 5 Year Avg SAIDI	332.8
11.	Reporting Year SAIDI	262.8
12.	Circuit 5 Year Avg SAIFI	2.6
13.	Reporting Year SAIFI	3.458
14.	Outage Causes	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, OTHER, TREE INSIDE ROW, UNKNOWN (NON WEATHER), ERROR - FIELD, WEATHER - UNKNOWN, ANIMAL - NON BIRD, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	25.71%, 22.86%, 14.29%, 11.43%, 8.57%, 5.71%, 2.86%, 2.86%, 2.86%, 2.86%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One pole fire outage that was classified as Other, accounted for 5.3% of the total SAIDI and 20.2% of the total SAIFI. One Tree Out of ROW outage accounted for 49.7% of the total SAIDI and 20.3% of the total SAIFI.

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Section 5: Circuit Reporting**

1.	District	Hazard
2.	Station/ Circuit Number	3420001
3.	Station Name	Soft Shell
4.	Circuit Name	Vest
5.	Station Location	Raymond Smith Dr, Leburn
6.	Area Served	Soft Shell, Vest, Tina
7.	Circuit Length (MI)	56.26
8.	Number of Customers Served	527
9.	Last Circuit R/W Trim Date Completed	4/6/2016
10.	Circuit 5 Year Avg SAIDI	369.7
11.	Reporting Year SAIDI	431.4
12.	Circuit 5 Year Avg SAIFI	1.9
13.	Reporting Year SAIFI	1.82
14.	Outage Causes	EQUIPMENT FAILURE, TREE OUT OF ROW, OTHER, SCHEDULED COMPANY, ANIMAL - NON BIRD, ERROR - FIELD, UNKNOWN (NON WEATHER), FACILITATION OF WORK, FIRE - AEP, OR AFFECTING > 1 CUSTOMER
15.	% of Outages Due to Causes Listed in Previous row	37.5%, 21.88%, 12.5%, 12.5%, 3.13%, 3.13%, 3.13%, 3.13%,
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	Trees Out of ROW accounted for 84% of the total SAIDI.

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Section 5: Circuit Reporting

1.	District	Pikeville
2.	Station/ Circuit Number	3420101
3.	Station Name	Mayo Trail
4.	Circuit Name	Nippa
5.	Station Location	Just off Euclid Ave along Ponderosa Drive In Paintsville, KY.
6.	Area Served	Camp Br. Boyd Br.
7.	Circuit Length (Mi)	22.69
8.	Number of Customers Served	500
9.	Last Circuit R/W Trim Date Completed	1/7/2017
10.	Circuit 5 Year Avg SAIDI	298.5
11.	Reporting Year SAIDI	378.4
12.	Circuit 5 Year Avg SAIFI	2
13.	Reporting Year SAIFI	2.03
14.	Outage Causes	SCHEDULED COMPANY, TREE OUT OF ROW, TREE INSIDE ROW, ANIMAL - NON BIRD, VINE, EQUIPMENT FAILURE, CUST. EQUIPMENT > 1 CUSTOMER, TREE REMOVAL (NON AEP)
15.	% of Outages Due to Causes Listed in Previous row	24%, 20%, 20%, 12%, 8%, 8%, 4%, 4%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One Instance of Equipment Failure accounted for 33% of SAIDI and 35% of SAIFI, causing the circuit to exceed the 5 year averages of SAIDI and SAIFI.

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1.	District	Hazard
2.	Station/ Circuit Number	3451202
3.	Station Name	Beefhide
4.	Circuit Name	Dunham
5.	Station Location	Wyatt Row, Beefhide
6.	Area Served	Beefhide
7.	Circuit Length (MI)	9.37
8.	Number of Customers Served	217
9.	Last Circuit R/W Trm Date Completed	3/1/2013
10.	Circuit 5 Year Avg SAIDI	251.1
11.	Reporting Year SAIDI	621.4
12.	Circuit 5 Year Avg SAIFI	1.7
13.	Reporting Year SAIFI	1.207
14.	Outage Causes	UNKNOWN (NON WEATHER), TREE OUT OF ROW, OTHER, SCHEDULED COMPANY
15.	% of Outages Due to Causes Listed in Previous row	40%, 20%, 20%, 20%
16.	List of Corrective Actions	No further actions planned for 2018.
17.	Comments	One transmission outage accounts for 92% of the total SAIDI.