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MAY 01 2019

PUBLIC SERVICE
COMMISSION



a PPL company

Gwen R. Pinson
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40601

Kentucky Utilities Company
State Regulation and Rates
220 West Main Street
PO Box 32010
Louisville, Kentucky 40232
www.lge-ku.com

Rick E. Lovekamp
Manager - Regulatory
Strategy/Policy
T 502-627-3780
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May 1, 2019

**RE: An Investigation of the Reliability Measures of Kentucky's
Jurisdictional Electric Distribution Utilities
Administrative Case No. 2011-00450**

Dear Ms. Pinson:

Enclosed please find Kentucky Utilities Company's ("KU") 2018 Annual Reliability Report pursuant to the Commission's Order dated April 1, 2014 in the above referenced matter. Also enclosed is a CD which includes the 2018 Annual Reliability Report for KU in Excel format.

Should you have any questions concerning the enclosed, please contact me at your convenience.

Sincerely,

A handwritten signature in blue ink that reads "Rick E. Lovekamp". The signature is fluid and cursive.

Rick E. Lovekamp

KENTUCKY PUBLIC SERVICE COMMISSION
ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

SECTION 1: CONTACT INFORMATION

UTILITY NAME	KENTUCKY UTILITIES COMPANY
REPORT PREPARED BY	Denise Simon (Dir. Dist Reliability, Analytic
E-MAIL ADDRESS OF PREPARER	denise.simon@lge-ku.com
PHONE NUMBER OF PREPARER	(502) 627-3035

SECTION 2: REPORTING YEAR

CALENDAR YEAR OF REPORT	2018
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SECTION 3: MAJOR EVENT DAYS (MED)

FIRST DATE USED TO DETERMINE T_{MED}	3.977
LAST DATE USED TO DETERMINE T_{MED}	1/1/2013
NUMBER OF MED IN REPORTING YEAR	12/31/2017
	9

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 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>536,063</u>	TOTAL CIRCUITS <u>1,075</u>
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Excluding MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>81.22</u>	SAIDI	<u>88.89</u>
SAIFI	<u>0.759</u>	SAIFI	<u>0.761</u>

Including MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>110.44</u>	SAIDI	<u>388.62</u>
SAIFI	<u>0.862</u>	SAIFI	<u>1.100</u>

Notes:

- 1) All duration indices (SAIDI) are to be reported in units of minutes.
 - 2) Reports are due on the first business day of May of each year
 - 3) Reports cover the calendar year ending in the December before the reports are due.
 - 4) IEEE 1366 (latest version) is used to define SAIDI, SAIFI, and T_{MED}
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SECTION 5: CIRCUIT REPORTING

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Substation Name	Substation Location (County - Road - Town)	Circuit Number	Circuit Location (Town - Road - General Area)	Total Circuit Length (Miles)	Average 2018 OMS Custs	Date of Last Circuit Trim (VM)	Animal	Constructi on	Lightning	Non- Company	Other/Unk now	Overload	Planned Trees	Vehicle	Utility Equipment	2014-2018				LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN	
																SAIDI Average	2018 SAIDI	SAIFI Average	2018 SAIFI		
LEXINGTON PLANT	Fayette - 745 N Limestone - Lexington	0004	Lexington - Loudon Ave and Bryan Ave. - E of Station	4.1	617	3/15/2014	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.3%	45.0%	0.0%	49.5%	93.51	115.02	1.272	1.940	Continue to Monitor
BUCHANAN	Fayette - 108 Buchanan St. - Lexington	0005	Lexington - W. Main St. and Jefferson St. - E of Station	5.0	642	9/30/2017	0.0%	0.0%	0.0%	0.0%	5.9%	14.4%	0.0%	32.4%	0.0%	47.2%	12.68	20.66	1.102	0.110	Continue to Monitor
AMERICAN AVENUE	Fayette - 96 Burley Ave. - Lexington	0008	Lexington - University Dr. - University of Kentucky Campus	5.1	303	10/10/2015	5.2%	0.0%	0.0%	0.0%	0.0%	0.0%	23.3%	0.0%	0.0%	71.5%	23.64	28.45	0.259	0.148	Continue to Monitor
AMERICAN AVENUE	Fayette - 96 Burley Ave. - Lexington	0009	Lexington - Nicholasville Rd. - S of Station	7.0	891	10/10/2015	6.4%	0.0%	33.3%	0.0%	1.3%	0.0%	1.0%	57.2%	0.0%	0.7%	55.56	59.49	0.598	0.386	Continue to Monitor
BUCHANAN	Fayette - 108 Buchanan St. - Lexington	0010	Lexington - Manchester St. - S of Station	3.5	310	9/30/2017	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	98.0%	0.0%	2.0%	0.0%	14.64	21.17	0.089	0.189	Continue to Monitor
LEXINGTON WATER COMPANY 4KV	Fayette - 2300 Richmond Rd. - Lexington	0016	Lexington - Fontaine Rd. - W of Substation	3.6	699	11/7/2015	0.0%	0.0%	0.0%	2.7%	0.3%	0.0%	3.1%	86.6%	0.0%	7.3%	36.92	87.46	0.161	0.317	Continue to Monitor
SCOTT STREET	Fayette - 301 Scott St. - Lexington	0018	Lexington - Limestone St. - SE of Substation	3.3	699	12/20/2014	0.0%	0.0%	59.4%	0.0%	0.0%	0.0%	0.0%	0.7%	38.0%	1.9%	13.18	21.42	0.101	0.107	Continue to Monitor
VINE STREET 4KV	Fayette - 112 E Vine St. - Lexington	0021	Lexington - Vines St. & Rose St. - S of Substation	1.9	558	10/18/2014	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	11.7%	16.0%	0.0%	72.3%	59.89	121.84	0.571	0.794	Continue to Monitor
VINE STREET 4KV	Fayette - 112 E Vine St. - Lexington	0022	Lexington - Limestone, Church & Upper St. - N of Substation	1.0	71	10/18/2014	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	18.18	8.61	0.138	0.176	Continue to Monitor
HIGBY MILL 12KV	Fayette - 308 Waveland Museum Ln. - Lexington	0023	Lexington - Nicholasville Rd. - S of Substation	56.2	1711	12/27/2014	4.1%	0.0%	10.9%	3.9%	5.5%	0.0%	0.7%	11.6%	0.0%	63.2%	108.42	180.94	0.687	1.699	Continue to Monitor
LANSDOWNE SWITCHING	Fayette - 3200 Montavesta Rd. - Lexington	0024	Lexington - Old Mt. Tabor Rd & Turkeyfoot Rd. - N of Substation	30.6	2501	4/7/2015	0.0%	0.0%	0.0%	0.0%	10.8%	0.0%	0.2%	88.3%	0.0%	0.5%	152.15	284.71	1.467	3.420	Tree Trim Scheduled for 2019
JOYLAND	Fayette - 2375 Paris Pike - Lexington	0025	Lexington - Beverly Ave. & Bryan Station Rd. - SW of Substation	27.7	1695	5/3/2014	0.2%	0.0%	0.0%	0.0%	2.3%	0.0%	1.6%	77.5%	0.0%	18.5%	92.48	200.54	1.122	2.486	Continue to Monitor
BELT LINE	Fayette - 1090 W. New Circle Rd - Lexington	0036	Lexington - Georgetown St. & Briarwood Dr. - NW of Substation	7.1	561	2/6/2016	3.3%	0.0%	2.3%	0.8%	2.2%	0.0%	4.0%	81.3%	0.0%	6.0%	48.04	101.19	0.393	0.567	Continue to Monitor
HUGHES LANE	Fayette - 251 Hughes Ln. - Lexington	0037	Lexington - Mir Station Rd. & US 27 - SW of Substation	137.3	1086	4/10/2015	0.1%	0.0%	47.7%	0.0%	0.7%	0.0%	0.1%	31.8%	13.9%	5.8%	176.02	390.44	1.068	1.921	Tree Trim Scheduled for 2019
LANSDOWNE SWITCHING	Fayette - 3200 Montavesta Rd. - Lexington	0038	Lexington - Bates Creek Rd. - S of Substation	8.1	1601	12/3/2016	27.1%	56.5%	11.0%	0.0%	0.3%	0.0%	0.3%	0.0%	0.0%	4.7%	69.22	261.50	0.736	2.188	Continue to Monitor
LEXINGTON WATER COMPANY 12KV	Fayette - 2300 Richmond Rd. - Lexington	0039	Lexington - St. Philip Dr. & Richmond Rd. - E of Substation	13.9	2036	12/12/2015	0.0%	0.0%	87.5%	0.0%	0.8%	0.0%	0.7%	5.5%	0.0%	5.5%	39.04	44.43	0.275	0.311	Continue to Monitor
REYNOLDS	Fayette - 200 W. Reynold Rd. - Lexington	0040	Lexington - Reynolds Rd. - W of Substation	12.7	829	8/31/2017	4.1%	0.0%	0.0%	0.0%	2.3%	6.1%	7.0%	4.8%	0.0%	75.7%	7.54	17.73	0.061	0.148	Continue to Monitor
VILEY ROAD	Fayette - 308 Alexandria Rd. - Lexington	0041	Lexington - Leestown Rd. & Adams Ln. - NE of Substation	62.1	1094	5/21/2016	0.0%	0.0%	28.5%	0.0%	1.4%	0.0%	1.2%	65.2%	3.2%	0.5%	117.41	132.78	1.098	2.500	Continue to Monitor
LIBERTY ROAD	Fayette - 2125 Liberty Rd. - Lexington	0042	Lexington - Codell Dr. & Plumbo Dr. - S of Substation	12.4	1774	10/21/2013	0.0%	0.0%	0.1%	0.0%	1.1%	0.0%	0.1%	92.2%	0.0%	6.6%	98.84	131.55	0.593	1.356	Continue to Monitor
KENTUCKY RIVER	Fayette - 6300 Kentucky American Ave - Lexington	0043	Lexington - Old Richmond Rd - N of Substation	48.3	405	12/31/2013	0.2%	0.0%	9.3%	3.0%	0.6%	0.0%	27.2%	39.0%	0.0%	20.9%	226.44	285.85	1.528	1.655	Continue to Monitor
HALEY	Fayette - 5481 Winchester Rd - Lexington	0045	Lexington - Winchester & Cleveland Rd - W of Substation	89.3	1079	8/29/2015	0.1%	0.0%	1.6%	0.0%	11.1%	0.0%	10.0%	71.2%	4.8%	1.1%	231.21	306.87	1.687	1.628	Continue to Monitor
HALEY	Fayette - 5481 Winchester Rd - Lexington	0046	Lexington - Winchester & Haley Rd - W of Substation	45.2	383	10/31/2015	0.1%	0.0%	5.2%	0.0%	7.9%	0.0%	1.3%	76.5%	8.4%	0.6%	187.13	315.11	1.280	1.329	Continue to Monitor
JOYLAND	Fayette - 2375 Paris Pike - Lexington	0047	Lexington - US 27 & 68 - NE of Substation	17.2	233	8/23/2014	0.4%	0.0%	75.5%	0.0%	0.5%	0.0%	0.6%	22.5%	0.0%	0.4%	78.73	50.02	0.435	0.453	Continue to Monitor
ASHLAND AVENUE	Fayette - 448 S Ashland Ave. - Lexington	0048	Lexington - Bates Creek Rd. - S of Substation	6.3	535	12/19/2015	0.0%	0.0%	20.0%	0.0%	0.7%	0.0%	4.9%	71.1%	0.0%	3.2%	39.21	45.94	0.388	0.273	Continue to Monitor
PARKERS MILL	Fayette - 2085 Parkers Mill Rd - Lexington	0051	Lexington - New Circle Rd & Viley Rd - N of Substation	13.5	1145	6/18/2014	0.3%	0.0%	0.0%	0.0%	9.6%	0.0%	0.0%	89.9%	0.0%	0.2%	127.57	174.06	1.081	0.698	Continue to Monitor
REYNOLDS	Fayette - 200 W. Reynold Rd. - Lexington	0056	Lexington - Lochness Dr. & New Circle Rd. - E of Substation	9.5	1553	7/4/2015	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	9.3%	0.0%	0.0%	89.4%	15.59	16.74	0.081	0.085	Continue to Monitor
HAEFLING	Fayette - 1555 Baumann Dr - Lexington	0059	Lexington - Mercer Rd - SE of Substation	1.7	11	9/10/2016	0.0%	0.0%	74.0%	0.0%	0.0%	0.0%	1.8%	0.0%	24.3%	0.0%	120.51	398.27	0.591	1.091	Continue to Monitor
PICADOME 12KV	Fayette - 1620 Harrodsburg Rd - Lexington	0062	Lexington - Mason Headley Rd - NW of Substation	4.0	290	6/12/2015	0.5%	0.0%	0.0%	0.0%	8.5%	0.0%	0.5%	45.7%	0.0%	44.9%	87.00	142.31	0.894	0.903	Tree Trim Scheduled for 2019
HUGHES LANE	Fayette - 251 Hughes Ln. - Lexington	0063	Lexington - US 27 & 68 - NE of Substation	25.1	238	4/10/2015	0.2%	0.0%	79.0%	0.0%	2.4%	0.0%	0.3%	17.2%	0.0%	1.2%	75.38	144.27	0.658	0.660	Continue to Monitor
RACE STREET 4KV	Fayette - 420 Corral St - Lexington	0067	Lexington - Eastern Ave. & Main St. - SW of Substation	2.2	445	3/1/2014	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	18.66	71.06	0.134	0.440	Continue to Monitor
PROCTOR & GAMBLE	Fayette - 120 Zesta Pl - Lexington	0068	Lexington - Delaware Rd - SE of Substation	2.3	379	8/23/2014	0.0%	0.0%	10.5%	0.0%	3.3%	0.0%	1.0%	67.8%	0.0%	17.5%	33.33	51.72	0.227	0.376	Tree Trim Scheduled for 2019
REYNOLDS	Fayette - 200 W. Reynold Rd. - Lexington	0069	Lexington - Lowry Ln. & Nicholasville Rd. - N of Substation	9.5	845	10/24/2015	0.2%	0.0%	79.1%	0.1%	0.0%	0.0%	0.0%	20.3%	0.0%	0.2%	37.48	73.41	0.385	0.225	Continue to Monitor
HIGBY MILL 12KV	Fayette - 308 Waveland Museum Ln - Lexington	0070	Lexington - Winthrop Dr. - NE of Substation	15.0	1339	12/31/2013	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	99.8%	79.35	140.18	0.470	1.001	Continue to Monitor
JOYLAND	Fayette - 2375 Paris Pike - Lexington	0071	Lexington - Kingston Rd. & Parkside Dr. - NW of Substation	14.7	849	1/31/2015	0.1%	0.0%	20.5%	0.0%	11.3%	0.0%	0.1%	64.8%	0.0%	3.2%	87.41	229.15	1.033	1.502	Tree Trim Scheduled for 2019
WILSON DOWNING	Fayette - 680 Wilson Downing Rd - Lexington	0072	Lexington - Bates Creek Rd & Trent Blvd - NE of Substation	8.3	1370	6/6/2014	3.0%	0.0%	0.2%	0.1%	1.9%	0.0%	43.2%	2.8%	0.0%	48.8%	10.89	32.38	0.292	0.719	Continue to Monitor
WILSON DOWNING	Fayette - 680 Wilson Downing Rd - Lexington	0073	Lexington - Wilson Downing Rd - W of Substation	17.7	3057	2/22/2014	1.9%	0.0%	37.2%	0.0%	2.2%	0.0%	7.3%	7.6%	0.0%	43.7%	15.86	15.43	0.160	0.200	Continue to Monitor
WILSON DOWNING	Fayette - 680 Wilson Downing Rd - Lexington	0081	Lexington - Bates Creek Rd & Armstrong Mill Rd - NE of Substation	18.1	2266	6/6/2014	1.8%	0.0%	1.1%	0.0%	1.7%	0.0%	3.7%	90.6%	0.0%	1.0%	53.27	154.18	0.431	1.058	Continue to Monitor
SPINDLETOP	Fayette - 2500 Research Park Dr - Lexington	0082	Lexington - Berea Rd - W of Substation	5.9	105	3/9/2013	13.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	85.7%	0.0%	0.5%	59.10	142.01	0.444	1.151	Continue to Monitor
PROCTOR & GAMBLE	Fayette - 120 Zesta Pl - Lexington	0084	Lexington - Magnolia Ave - NE of Substation	2.3	242	8/23/2014	0.0%	0.0%	15.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	11.7%	43.79	44.97	0.578	0.471	Continue to Monitor
BELT LINE	Fayette - 1090 W. New Circle Rd - Lexington	0086	Lexington - New Circle Rd & New Town Rd. - E of Substation	2.7	145	2/6/2016	0.0%	0.0%	1.4%	0.0%	4.0%	0.0%	1.6%	0.0%	0.0%	93.0%	41.77	80.59	0.583	0.497	Continue to Monitor
AMERICAN AVENUE	Fayette - 96 Burley Ave. - Lexington	0090	Lexington - Stanley Ave. & Waller Ave. - W of Substation	1.2	217	10/29/2014	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	99.7%	0.0%	0.0%	26.19	29.33	0.260	0.147	Tree Trim Scheduled for 2019
LIBERTY ROAD	Fayette - 2125 Liberty Rd. - Lexington	0091	Lexington - Liberty Rd. & Winchester Rd. - W of Substation	12.5	1713	9/30/2017	0.3%	0.0%	0.1%	0.9%	2.0%	0.0%	0.6%	69.2%	0.0%	27.0%	63.18	198.99	0.317	0.697	Continue to Monitor
LIBERTY ROAD	Fayette - 2125 Liberty Rd. - Lexington	0095	Lexington - Liberty Rd. - SE of Substation	18.5	1677	9/23/2017	1.7%	0.0%	82.7%	0.0%	6.0%	0.0%	0.0%	8.2%	0.0%	1.5%	14.56	14.96	0.175	0.135	Continue to Monitor
STONEWALL	Fayette - 3060 Arrowhead Dr - Lexington	0096	Lexington - New Circle Rd & Southview Dr - NE of Substation	22.5	2189	2/16/2017	0.2%	0.0%	0.0%	0.0%	0.2%	0.0%	0.3%	91.5%	0.0%	7.8%	104.85	173.19	0.983	1.412	Continue to Monitor
STONEWALL	Fayette - 3060 Arrowhead Dr - Lexington	0097	Lexington - W New Circle Rd & Harrodsburg Rd - W of Substation	23.6	2156	9/30/2017	14.4%	0.0%	0.0%	0.0%	6.5%	0.0%	0.7%	78.1%	0.0%	0.2%	60.87	23.42	0.852	1.181	Continue to Monitor
REYNOLDS	Fayette - 200 W. Reynold Rd. - Lexington	0101	Lexington - Shilto Park Rd. & Tiverton Way - SE of Substation	18.2	2267	4/9/2016	1.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.8%	97.7%	0.0%	0.3%	4.91	5.75	0.049	0.052	Continue to Monitor
LANSDOWNE SWITCHING	Fayette - 3200 Montavesta Rd. - Lexington	0106	Lexington - Nicholasville Rd. - W of Substation	19.8	2092	7/16/2016	0.1%	0.0%	17.7%	0.0%	8.6%	0.0%	1.7%	61.9%	0.0%	10.1%	147.58	145.79	1.061	1.451	Continue to Monitor
STONEWALL	Fayette - 3060 Arrowhead Dr - Lexington	0108	Lexington - Tomahawk Tr. & Harrodsburg Rd - W of Substation	4.6	360	2/25/2017	8.7%	0.0%	0.0%	6.2%	3.8%	0.0%	46.2%	0.0%	0.0%	35.2%	28.52	24.08	0.197	0.202	Continue to Monitor
LEXINGTON WATER COMPANY 12KV	Fayette - 2300 Richmond Rd - Lexington	0109	Lexington - Lakeshore Dr. - SE of Substation	14.6	1001	7/4/2014	0.0%	0.0%	0.2%	0.0%	2.2%										

DARK HOLLOW	Estill - 37 Dark Hollow Rd - Red Lick	0336	Red Lick - Wisemantown Rd - S of Substation	11.6	551	4/5/2013	0.3%	2.7%	1.1%	0.0%	19.0%	0.0%	0.1%	11.5%	65.2%	0.2%	69.93	186.87	0.481	0.792	Continue to Monitor
MIDDLESBORO 2 12KV #2	Bell - Intersection of Cumberland Ace and S 38th St - Middlesborough	0355	Middlesborough - Cumberland Ave & Bell Line Rd - N of Substation	35.0	1350	6/5/2015	0.1%	1.2%	1.0%	0.1%	39.9%	0.0%	18.1%	14.8%	0.0%	24.9%	161.13	216.57	1.813	3.131	Continue to Monitor
MIDDLESBORO 2 12KV #2	Bell - Intersection of Cumberland Ace and S 38th St - Middlesborough	0356	Middlesborough - S 38th St - S of Substation	7.4	564	1/17/2014	0.0%	0.0%	0.0%	0.1%	1.8%	0.0%	36.9%	29.8%	0.0%	31.6%	31.80	23.91	0.406	0.838	Continue to Monitor
MIDDLESBORO 2 12KV	Bell - Intersection of Cumberland Ace and S 38th St - Middlesborough	0360	Middlesborough - State HWY 74 - E of Substation	26.9	287	7/1/2016	0.0%	0.0%	0.0%	0.1%	6.1%	0.0%	2.3%	91.3%	0.0%	0.1%	118.60	409.51	0.730	1.654	Continue to Monitor
MIDDLESBORO 2 12KV	Bell - Intersection of Cumberland Ace and S 38th St - Middlesborough	0361	Middlesborough - Glenboro Rd - SW of Substation	10.9	215	7/24/2015	0.0%	0.0%	2.0%	0.0%	71.1%	0.0%	2.9%	24.0%	0.0%	0.0%	250.88	55.50	1.759	1.302	Continue to Monitor
MIDDLESBORO 1 12KV	Bell - Corner of N 19th and Ironwood Rd - Middlesborough	0366	Middlesborough - Asbury Rd & N 12th St - E of Substation	10.8	448	12/6/2013	0.0%	0.0%	5.4%	0.0%	11.3%	0.0%	6.7%	19.9%	16.5%	40.1%	47.91	57.08	0.395	0.409	Continue to Monitor
MIDDLESBORO 1 12KV	Bell - Corner of N 19th and Ironwood Rd - Middlesborough	0367	Middlesborough - N 19th St - N & S of Substation	10.7	535	2/12/2014	1.4%	0.0%	0.0%	0.0%	31.1%	0.0%	20.8%	45.6%	0.0%	1.1%	46.81	46.60	0.575	0.799	Continue to Monitor
MIDDLESBORO 1 4KV	Bell - Corner of N 19th and Ironwood Rd - Middlesborough	0372	Middlesborough - Lynnwood Dr - E of Substation	6.5	417	11/22/2013	0.0%	0.0%	0.0%	1.0%	0.1%	0.0%	7.2%	88.6%	0.0%	3.1%	19.86	28.98	0.180	0.275	Continue to Monitor
DELAPLAIN	Scott Ky - 413 Triport Cir - Sadleville	0402	Sadleville - Triport Rd & Cincinnati Rd - S of Substation	22.4	399	8/31/2013	1.3%	6.7%	6.5%	5.9%	0.4%	0.0%	0.1%	68.7%	4.6%	5.7%	46.78	62.61	0.332	0.317	Continue to Monitor
HARLAN 4KV	Harlan - Corner of River St and Rain St - Harlan	0409	Harlan - Clover St - NW of Substation	1.8	264	4/25/2013	0.0%	0.0%	8.4%	0.0%	3.5%	0.0%	68.1%	0.7%	0.0%	19.3%	22.50	92.42	0.132	0.434	Continue to Monitor
HOOVER 1	Scott Ky - 3 Quality Dr - Georgetown	0410	Georgetown - Showalter Dr & McClelland Blvd - SW of Substation	22.0	1428	2/9/2013	2.1%	3.5%	0.1%	0.0%	87.2%	2.1%	1.9%	0.0%	0.1%	3.0%	63.76	124.94	0.603	1.131	Continue to Monitor
HOOVER 1	Scott Ky - 3 Quality Dr - Georgetown	0411	Georgetown - Pocantus Trl - E of Substation	20.3	1601	3/2/2013	0.8%	0.0%	29.1%	0.0%	0.1%	0.0%	0.0%	22.7%	0.3%	47.0%	37.68	61.21	0.872	2.083	Continue to Monitor
HOOVER 1	Scott Ky - 3 Quality Dr - Georgetown	0412	Georgetown - Old Lemons Mill Rd - N of Substation	3.4	241	3/2/2013	0.8%	0.0%	0.7%	0.0%	8.1%	0.0%	1.5%	80.8%	0.0%	8.2%	37.19	110.14	0.863	1.141	Continue to Monitor
CAWOOD	Bell - Off Stack Hollow Rd just N of S Old US HWY 421 - Cawood	0418	Cawood - US HWY 421 Bypass - W of Substation	31.8	712	3/20/2015	0.3%	0.0%	0.0%	0.0%	30.2%	0.0%	45.7%	23.4%	0.0%	0.5%	273.30	102.16	1.706	2.174	Continue to Monitor
CAWOOD	Bell - Off Stack Hollow Rd just N of S Old US HWY 421 - Cawood	0419	Cawood - US HWY 421 Bypass - E of Substation	23.2	315	5/29/2015	0.0%	0.0%	0.0%	0.0%	30.0%	0.0%	19.0%	50.9%	0.0%	0.1%	274.21	964.99	1.134	3.117	Tree Trim Scheduled for 2019
GEORGETOWN 4KV	Scott Ky - 207 W Clinton St - Georgetown	0420	Georgetown - W & E on Clinton St	4.1	470	4/20/2013	0.9%	0.0%	0.0%	0.0%	92.4%	0.0%	12.9%	0.0%	0.0%	87.1%	7.16	20.45	0.059	0.140	Continue to Monitor
GEORGETOWN 4KV	Scott Ky - 207 W Clinton St - Georgetown	0421	Georgetown - Water St - N of Substation	2.8	319	4/20/2013	0.9%	0.0%	0.0%	0.0%	92.4%	0.0%	0.0%	4.5%	0.0%	2.2%	18.19	24.47	0.193	0.181	Continue to Monitor
KENTENIA	Harlan - Near HWY 219 on Meadow Creek Ln (Wilson Ln) - Wallins Creek	0423	Wallins Creek - E on Wilson Ln & S on HWY 219	9.2	216	9/15/2014	19.8%	0.0%	0.0%	0.0%	11.5%	8.0%	0.7%	60.0%	0.0%	0.0%	455.71	360.10	2.279	3.259	Tree Trim Scheduled for 2019
GEORGETOWN 12KV	Scott Ky - 207 W Clinton St - Georgetown	0425	Georgetown - College St - E of Substation	7.8	646	5/4/2013	7.4%	0.0%	2.7%	8.7%	48.0%	0.0%	1.7%	0.5%	0.0%	6.0%	51.12	123.79	0.430	0.880	Continue to Monitor
GEORGETOWN 12KV	Scott Ky - 207 W Clinton St - Georgetown	0426	Georgetown - N Broadway St - N of Substation	23.8	1654	7/20/2013	0.2%	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%	96.5%	0.0%	0.0%	94.26	133.55	0.919	0.855	Continue to Monitor
GEORGETOWN 12KV	Scott Ky - 5849 Paris Pike - Georgetown	0430	Georgetown - US 460 Pike - E of Substation	67.3	790	2/2/2015	0.9%	0.2%	0.6%	0.0%	1.2%	0.0%	4.1%	55.7%	36.8%	1.5%	38.16	41.25	0.341	0.164	Tree Trim Scheduled for 2019
NEWTOWN	Scott Ky - 5849 Paris Pike - Georgetown	0431	Georgetown - US 460 Pike - W of Substation	40.0	893	7/8/2013	1.1%	0.0%	52.4%	0.0%	0.0%	4.7%	0.4%	23.9%	17.8%	0.6%	146.07	359.85	1.911	1.918	Continue to Monitor
LEMONS MILL	Scott Ky - 125 Carley Ct - Georgetown	0440	Georgetown - McClelland Blvd - N of Substation	19.4	1608	3/16/2013	17.2%	26.0%	35.8%	0.0%	0.3%	7.0%	0.2%	4.8%	0.0%	8.8%	54.09	104.85	0.705	0.705	Continue to Monitor
LEMONS MILL	Scott Ky - 125 Carley Ct - Georgetown	0441	Georgetown - Lemons Mill Rd - SE of Substation	24.6	1050	4/6/2013	0.2%	0.0%	73.6%	0.0%	0.1%	9.0%	0.4%	12.9%	0.0%	3.8%	50.14	118.65	0.705	1.110	Continue to Monitor
POOLE	Webster - 211 S Route 56 - Poole	0447	Poole - Bradley Rd - NE of Substation	1.0	11	11/16/2013	0.3%	0.0%	0.2%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	15.85	35.09	0.091	0.182	Continue to Monitor
ROGERS GAP	Scott Ky - 192 Harbor Village Dr - Stamping Ground	0450	Stamping Ground - Cincinnati Rd - S of Substation	11.9	499	11/16/2013	0.3%	0.0%	0.0%	0.0%	34.7%	0.0%	1.4%	57.2%	0.0%	6.1%	26.07	56.56	0.226	0.300	Continue to Monitor
ROGERS GAP	Scott Ky - 192 Harbor Village Dr - Stamping Ground	0451	Stamping Ground - Cincinnati Rd - N of Substation	69.0	1115	5/17/2014	0.8%	16.5%	0.1%	0.0%	20.2%	3.4%	0.2%	34.9%	0.0%	23.9%	268.51	223.79	2.509	4.271	Continue to Monitor
CUMBERLAND	Harlan - Russel Dr just S of E Main St - Cumberland	0454	Cumberland - Raymond D Hatfield Blvd - N of Substation	9.6	554	2/12/2016	0.2%	0.0%	0.0%	0.3%	75.6%	0.0%	1.0%	0.7%	0.0%	10.1%	87.68	113.51	0.654	0.702	Continue to Monitor
CLOVERLICK	Harlan - HWY 179 1/4 miles W from intersection of HWY 2006 and HWY 179 - Cumberland	0458	Cumberland - State Hwy 2006 - S of Substation	8.9	152	3/15/2016	0.0%	0.0%	0.0%	0.0%	4.7%	67.0%	3.0%	25.2%	0.0%	0.0%	315.80	66.64	2.245	2.414	Continue to Monitor
PEPPER PIKE	Scott Ky - 4341 Frankford Rd - Georgetown	0460	Georgetown - Frankfort Rd - E of Substation	41.6	774	5/12/2012	0.2%	0.1%	6.5%	0.0%	2.8%	0.3%	0.5%	24.5%	62.9%	2.2%	94.52	152.43	0.892	1.132	Continue to Monitor
TOTZ	Harlan - HWY 119 about 1/4 miles S on unnamed Rd on W side of Loop Dione	0468	Poor Fork - N US HWY 119 - E of Substation	3.4	74	12/31/2015	0.0%	46.1%	0.0%	0.6%	0.7%	0.0%	1.0%	2.0%	0.0%	49.7%	377.87	250.01	1.783	2.149	Continue to Monitor
OXFORD	Scott Ky - 1827 Oxford Dr - Georgetown	0470	Georgetown - Oxford Rd - N of Substation	28.8	673	11/9/2013	6.2%	1.4%	41.5%	0.9%	0.0%	0.0%	13.3%	33.5%	0.0%	3.1%	34.44	64.15	0.252	0.394	Continue to Monitor
OXFORD	Scott Ky - 1827 Oxford Dr - Georgetown	0471	Georgetown - Oxford Rd - S & E of Substation	13.0	589	11/2/2013	0.0%	0.0%	15.1%	0.0%	0.0%	0.0%	0.1%	84.3%	0.1%	0.3%	90.67	342.83	0.914	3.349	Continue to Monitor
SHADRACK	Franklin - 74 Bethel Ln - Frankfort	0476	Frankfort - S on US HWY 127 N on Peaks Mill Rd	54.9	676	1/19/2013	0.4%	0.0%	41.7%	0.0%	28.3%	0.0%	0.1%	13.7%	15.0%	0.7%	154.48	190.36	0.880	0.916	Reliability Improvements Scheduled for 2019
STAMPING GROUND	Scott Ky - 3540 Main St - Stamping Ground	0480	Stamping Ground - Owenton/HWY 227 N of Substation	56.5	462	7/28/2012	0.3%	0.0%	2.2%	0.2%	60.2%	0.0%	0.1%	33.3%	3.0%	0.7%	236.27	380.26	1.096	0.846	Continue to Monitor
ALEXANDER	Woodford - 2915 Troy Pike - Versailles	0501	Woodford South - Troy Pike - N of Substation	52.4	1891	1/31/2015	0.0%	0.0%	56.5%	0.0%	3.0%	0.0%	0.0%	40.3%	0.0%	0.1%	58.30	62.24	0.452	0.392	Tree Trim Scheduled for 2019
MIDWAY 12KV	Woodford - 860 Weisenburger Rd - Midway	0503	Midway - Weisenburger Mill Rd - W of Substation	45.4	788	2/11/2012	0.1%	0.0%	53.4%	0.1%	1.5%	0.1%	0.0%	44.8%	0.0%	0.0%	146.03	155.41	1.379	0.713	Continue to Monitor
MIDWAY 12KV	Woodford - 860 Weisenburger Rd - Midway	0504	Midway - Weisenburger Mill Rd - E of Substation	61.8	531	3/17/2017	0.1%	0.0%	7.9%	0.0%	0.8%	0.0%	0.0%	90.1%	0.0%	1.0%	173.47	336.09	1.016	1.530	Continue to Monitor
VERSAILLES	Woodford - 150 Tanner Alley - Versailles	0505	Versailles - Main St - N of Substation	5.2	546	6/30/2014	0.0%	0.0%	62.6%	0.0%	0.4%	0.1%	0.9%	35.8%	0.0%	0.1%	29.50	53.82	0.399	0.349	Continue to Monitor
VERSAILLES BYPASS	Woodford - 350 Markham Dr - Versailles	0507	Versailles - Big Sink Rd & Lexington Rd - E of Substation	49.1	1469	9/23/2014	0.0%	0.0%	7.4%	0.0%	0.6%	0.2%	0.3%	87.1%	3.4%	0.9%	128.82	236.04	1.003	1.319	Tree Trim Scheduled for 2019
VERSAILLES BYPASS	Woodford - 350 Markham Dr - Versailles	0508	Versailles - US 60 Bypass - SE of Substation	4.1	333	9/30/2014	0.1%	0.0%	88.7%	0.0%	0.3%	0.0%	0.4%	3.0%	0.0%	7.5%	124.29	137.93	0.798	0.719	Continue to Monitor
VERSAILLES BYPASS	Woodford - 350 Markham Dr - Versailles	0509	Versailles - Frankfort Rd - N of Substation	135.4	1918	12/2/2016	0.1%	0.0%	46.4%	0.0%	4.4%	0.0%	0.1%	48.5%	0.4%	0.2%	272.47	377.71	1.074	1.219	Continue to Monitor
VERSAILLES WEST	Woodford - 115 Rutter Rd - Versailles	0512	Versailles - Tyrone Pike - W of Substation	32.9	1111	9/19/2015	0.1%	0.0%	51.9%	0.0%	1.3%	0.0%	3.5%	35.5%	4.5%	3.1%	209.62	547.34	1.612	4.732	Reliability Improvements Completed in 2018
SOMERSET 1	Pulaski - 144 Railroad Dr - Somerset	0521	Somerset - S Main St - N of Substation	4.1	409	12/9/2015	0.0%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	98.5%	0.0%	0.0%	13.12	21.61	0.127	0.090	Continue to Monitor
SOMERSET 1	Pulaski - 144 Railroad Dr - Somerset	0522	Somerset - Langdon St - N of Substation	3.2	289	12/9/2015	0.0%	0.0%	0.0%	0.0%	51.5%	16.9%	31.6%	0.0%	0.0%	0.0%	26.99	33.05	0.367	0.710	Continue to Monitor
SOMERSET 1	Pulaski - 144 Railroad Dr - Somerset	0523	Somerset - S Main St - N of Substation	1.8	149	12/9/2015	22.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	77.5%	2.25	11.27	0.027	0.133	Continue to Monitor
SCIENCE HILL	Pulaski - 45 E HWY 635 near the intersection of E HWY 635 and Maple Ln - Science Hill	0527	Science Hill - N Highway 27 - NW of Substation	5.3	189	7/28/2012	0.0%	0.0%	0.0%	0.0%	15.1%	0.0%	0.0%	61.5%	0.0%	23.4%	43.33	110.36	0.524	1.471	Continue to Monitor
DENHAM STREET	Pulaski - 114 Adams St - Somerset	0529	Somerset - HWY 27 - W of Substation	8.1	322	12/31/2015	0.0%	0.4%	0.1%	0.0%	1.1%	0.0%	2.6%	0.0%	0.0%	95.9%	31.23	94.78	0.373	1.349	Continue to Monitor
DENHAM STREET	Pulaski - 114 Adams St - Somerset	0531	Somerset - Monticello St - S of Substation	5.2	199	12/31/2015	0.0%	0.0%	0.0%	0.0%	8.0%	0.0%	85.2%	6.9%	0.0%	0.0%	9.15	8.84	0.156	0.281	Continue to Monitor
WATTSBORO	Pulaski - 676 Old Monticello Rd at W Summit Dr just W of HWY 27 - Somerset	0533	Somerset - N & S on HWY 27	24.1	1116	7/13/2016	0.3%	0.0%	46.3%	0.0%	1.9%	0.0%	3.7%	44.7%	0.0%	3.2%	69.76	114.66	0.663	0.796	Reliability Improvements Completed in 2018
SOMERSET SOUTH	Pulaski - 3084 S HWY 27 S of Monticello Rd - Somerset	0543	Somerset - Monticello St - N of Substation	5.6	201	11/15/2016	0.2%	0.0%	0.0%	0.0%	7.0%	0.0%	1.0%	0.0%	91.7%	0.0%	55.40	89.67	0.819	1.138	Continue to Monitor
WINCHESTER WATER	Clark - 335 Waterworks Rd - Winchester	0555	Winchester - Boonesboro Rd - SW of Substation	19.0	259	9/15/2012	3.0%	0.0%	6.5%	0.0%	0.2%	0.0%	0.0%	14.1%	0.0%	76.3%	32.96	106.16	0.397	1.239	Continue to Monitor
EDDYVILLE	Lyon - 1765 S R 3305 - Eddyville	0560	Eddyville - US HWY 62 & Riley Rd - NE of Substation	47.2	477	4/8/2016	4.7%	0.0%	1.0%	0.0%	5.6%	0.0%	0.3%	13.6%	11.0%	63.7%	49.92	80.66	0.650	1.050	Continue to Monitor
WHITLEY CITY	McCreary - Corner of US HWY 27 & Hicks Rd - Stearns-Whitley City	0575	Stearns-Whitley City - Tunnel Ridge Rd - SW of Substation	11.4	613	7/31/2015	0.4%	0.5%	0.8%	0.0%	18.6%	0.0%	3.4%	72.3%	0.0%	4.1%	94.70	21.18	1.117	1.256	Continue to Monitor
WHITLEY CITY	McCreary - Corner of US HWY 27 & Hicks Rd - Stearns-Whitley City	0576	Stearns-Whitley City - US HWY 27 - N of Substation	36.2	746	2/13/2014	0.2%														

BRYANT ROAD	Fayette - 3097 Helmsdale Pl. - Lexington	0873	Lexington - Bryant Rd & I75 - E of Substation	31.0	1806	10/22/2016	0.0%	5.5%	0.0%	0.0%	2.2%	57.9%	1.1%	28.7%	0.0%	4.5%	6.17	9.44	0.080	0.125	Continue to Monitor	
CARLISLE 4KV	Nicholas - 104 S Elm St - Carlisle	0876	Carlisle - Main St, Eastern Ave - ENE of Substation	7.3	420	8/1/2009	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.3%	1.0%	0.0%	89.7%	20.29	28.80	0.710	0.289	Continue to Monitor	
CARLISLE 12KV	Nicholas - 104 S Elm St - Carlisle	0877	Carlisle/Sharpsburg - S Upper Jackstown, Hwy 1285, Hwy 11 - SSE of Subst	43.5	672	3/7/2014	0.6%	0.1%	0.0%	0.0%	0.9%	0.0%	0.0%	91.0%	0.0%	6.8%	130.91	157.46	0.934	1.357	Continue to Monitor	
CARLISLE 12KV	Nicholas - 104 S Elm St - Carlisle	0879	Carlisle - City of Carlisle, Hwy 36 - E of Substation	34.3	1081	1/11/2014	8.8%	0.0%	3.4%	0.2%	2.7%	0.0%	12.5%	3.7%	0.0%	68.7%	86.26	78.11	1.037	1.485	Continue to Monitor	
MAYSVILLE WEST	Mason - 210 Cox Alley - Maysville	0900	Maysville - Maddox Aly, 4th St, Hwy 62 - SE of Substation	1.6	184	9/6/2014	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	2.24	2.45	0.043	0.048	Continue to Monitor	
BRYANT ROAD	Fayette - 3097 Helmsdale Pl. - Lexington	0904	Lexington - Bryant Rd - NE of Substation	16.1	1049	2/11/2017	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.0%	99.4%	0.0%	0.1%	19.07	73.27	0.444	1.872	Continue to Monitor	
MAYSVILLE MID	Mason - 314 Lexington St - Maysville	0908	Maysville - Forest Ave, Wood St - E of Substation	1.3	187	8/1/2015	0.0%	0.0%	0.0%	0.0%	2.2%	0.0%	90.3%	0.0%	0.0%	7.5%	13.96	25.36	0.139	0.148	Continue to Monitor	
MAYSVILLE MID	Mason - 314 Lexington St - Maysville	0909	Maysville - E 2nd St, Lexington St - NW & NE of Substation	3.3	494	8/1/2015	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	95.3%	0.0%	3.3%	5.45	3.58	0.298	1.059	Tree Trim Scheduled for 2019	
MAYSVILLE EAST	Mason - 1107 Forest Ave - Maysville	0912	Maysville - Clark St - SE of Substation	0.6	47	6/12/2012	0.0%	0.0%	99.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	1.40	3.27	0.029	0.049	Continue to Monitor	
MAYSVILLE EAST	Mason - 1107 Forest Ave - Maysville	0913	Maysville - Bryant In, Hwy 10, Buckner St - E of Substation	10.2	858	6/12/2012	0.0%	0.0%	0.0%	25.9%	21.9%	0.0%	33.4%	1.0%	0.0%	17.8%	3.62	5.60	0.051	0.076	Continue to Monitor	
BEAVER DAM NORTH	Ohio - 129 Raines Ave. - Beaver Dam	0918	Beaver Dam - State Hwy 273, Hope St - S of Substation	2.2	30	10/2/2013	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	6.31	7.77	0.042	0.032	Continue to Monitor	
BEAVER DAM NORTH	Ohio - 129 Raines Ave. - Beaver Dam	0919	Beaver Dam - US Hwy 231 - NE & SE of Substation	16.8	789	10/2/2013	1.7%	0.0%	0.5%	0.0%	77.6%	0.0%	0.2%	19.7%	0.0%	0.3%	41.10	95.53	0.514	1.199	Continue to Monitor	
AUGUSTA	Bracken - 318 E 4th St. - Augusta	0931	Augusta - Hamilton Ave, E 2nd St - N of Substation	2.8	283	12/15/2013	0.0%	0.0%	0.0%	0.0%	16.3%	0.0%	9.7%	0.0%	0.0%	74.0%	7.67	10.17	0.120	0.184	Continue to Monitor	
SHARON	Bracken - 3061 Asbury Rd - Augusta	0936	Augusta - Dutch Ridge Rd, KY 1235, City of Dover - N&NE of Subst	52.4	608	3/31/2014	1.5%	0.0%	14.1%	0.0%	8.1%	0.0%	0.0%	75.1%	0.0%	1.3%	25.85	28.95	0.232	0.382	Continue to Monitor	
SHARON	Bracken - 3061 Asbury Rd - Augusta	0937	Augusta - Woodward Rd, Clarks Run Rd - S&SE of Substation	46.0	560	12/1/2014	0.1%	0.0%	3.0%	5.8%	0.2%	0.0%	0.8%	78.4%	0.0%	14.5%	27.64	85.58	0.370	1.219	Continue to Monitor	
SARDIS	Mason - 4000 Blue Lick Rd - Mays Lick	0940	Mays Lick/Mt Olivet - Hwy 62, Briery Ridge Rd - W&NW of Subst.	20.6	464	4/15/2013	0.1%	32.9%	3.4%	0.0%	1.4%	0.0%	0.4%	59.6%	0.0%	2.3%	157.40	304.59	1.383	2.308	Continue to Monitor	
CARNTOWN	Pendleton - 15125 Hwy 8 - Foster	0948	Foster - Hwy 8 - S&SE of Substation	23.2	226	3/9/2017	0.4%	0.0%	9.9%	0.0%	89.4%	0.0%	0.3%	0.0%	0.0%	0.5%	205.20	294.19	1.179	1.177	Continue to Monitor	
BUTLER	Pendleton - 11095 Hwy 27 N - Burnside Butler	0950	Butler - City of Butler, Flour Creek Rd, Hwy 10 - ESE of Substation	58.4	933	5/1/2017	1.5%	0.0%	24.2%	0.0%	63.4%	0.0%	10.7%	0.1%	64.5%	172.76	209.70	1.252	1.547	Continue to Monitor		
WEDONIA	Mason - 6964 KY Hwy 11 - Maysville	0966	Flemingsburg - Hwy 170, City of Ewing - SW of Substation	27.0	525	2/16/2013	1.2%	0.0%	2.3%	88.5%	3.2%	0.0%	0.0%	0.0%	4.8%	233.23	61.91	0.960	1.097	Continue to Monitor		
EWINGTON	Montgomery - 4006 Old Owingsville Rd - Mt Sterling	0968	Mt Sterling - Owinsville Rd - W of Substation	1.5	13	5/18/2013	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	Continue to Monitor
EWINGTON	Montgomery - 4006 Old Owingsville Rd - Mt Sterling	0969	Mt Sterling - Woodland Ln, Clarence Dr - N of Substation	5.0	166	5/18/2013	7.4%	0.0%	3.8%	0.0%	2.2%	0.0%	0.0%	0.3%	0.0%	86.2%	40.34	120.83	0.435	1.114	Continue to Monitor	
WEST HIGH STREET	Lexington - 727 West High St - Lexington	1102	Lexington - West High St - SE of Substation	2.7	23	Underground Ca	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	95.62	459.00	0.362	1.000	Continue to Monitor	
BARLOW	Ballard - 433 Oscar Rd - Barlow	1310	Barlow - US Hwy 60 - S of Substation	14.2	211	7/29/2017	0.2%	0.0%	0.1%	0.0%	99.0%	0.0%	0.5%	0.0%	0.2%	222.52	578.46	0.585	0.280	Continue to Monitor		
BARLOW	Ballard - 433 Oscar Rd - Barlow	1311	Barlow - US Hwy 60 - E of Substation	25.1	689	9/8/2017	0.4%	0.0%	2.1%	0.0%	9.3%	0.0%	0.7%	0.0%	0.1%	87.4%	31.18	104.30	0.491	2.062	Continue to Monitor	
BARLOW	Ballard - 433 Oscar Rd - Barlow	1312	Barlow - N 6th St - City of Barlow	6.4	338	9/8/2017	0.8%	0.0%	0.9%	0.0%	2.2%	0.0%	0.0%	96.1%	0.0%	0.0%	49.17	182.80	0.242	0.538	Continue to Monitor	
BARDWELL	Carlisle - US Hwy 62 - Bardwell	1313	Bardwell - US Hwy 62 - N of Substation	6.0	27	6/25/2016	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	73.69	330.67	0.574	2.667	Continue to Monitor	
FORESTDALE	McCracken - 4250 Rice Springs Rd - Kevill	1322	Kevill - Clarkline Rd, Kevill Rd, Woodville Rd, & Hwy 473 - NW of Substation	25.8	610	2/15/2014	2.7%	0.0%	0.9%	0.0%	0.3%	0.0%	0.0%	96.1%	0.0%	0.0%	39.25	56.59	0.317	0.334	Continue to Monitor	
WICKLIFFE CITY	Ballard - Mayola Ave - Wickliffe	1324	Wickliffe - Hwy 1290, Hwy 296, Hwy 21 Court St, & Beech Grove Rd - S of Substation	11.8	283	11/18/2017	0.6%	0.0%	0.3%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	98.2%	90.48	155.30	0.628	1.103	Continue to Monitor	
WICKLIFFE CITY	Ballard - Mayola Ave - Wickliffe	1325	Wickliffe - 4th St, Greene St, US 60, & County Farm Rd - N & S of Substation	14.0	306	12/16/2017	0.1%	0.0%	21.7%	0.0%	73.0%	0.0%	0.0%	2.7%	0.0%	2.6%	68.85	137.97	0.352	0.766	Continue to Monitor	
CHRISTIAN	Webster - 1678 S R 493 - Wheatcroft	1404	Wheatcroft - City of Wheatcroft - NW of Substation	11.0	202	4/25/2014	0.0%	0.0%	0.0%	0.0%	70.9%	0.0%	2.5%	18.0%	0.0%	8.6%	7.56	12.62	0.068	0.119	Continue to Monitor	
CLAY - KU	Webster - 62 W College St - Clay	1407	Clay - Main St, Taylor St, & Lisman St - NE & SW of Substation	11.0	437	11/22/2014	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	82.8%	0.0%	17.2%	19.05	10.18	0.214	0.362	Tree Trim Scheduled for 2019	
CORYDON	Henderson - 5430 Greenlick Rd - Corydon	1428	Corydon - Hwy 266, Hwy 136 - NW of Substation	12.8	223	10/1/2015	0.2%	0.0%	0.0%	84.8%	0.4%	0.0%	0.0%	14.3%	0.0%	0.3%	380.13	194.78	0.903	1.054	Continue to Monitor	
MANITOU	Hopkins - 1765 Nebo Rd - Nebo	1450	Nebo - US 41 ALT & City of Nebo & State HWY 1034 - W of Substation	15.1	278	4/10/2013	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	48.2%	0.0%	51.8%	26.37	72.67	0.217	0.530	Continue to Monitor	
SEBREE	Webster - 199 N Railroad St - Sebree	1472	Sebree - SR 56, College St, Jefferson St, & Old Beech Grove Rd - W/E of Substation	12.1	427	7/18/2015	70.6%	0.0%	0.0%	0.0%	1.3%	0.0%	24.2%	0.0%	0.0%	3.9%	4.62	6.45	0.049	0.072	Continue to Monitor	
CROFTON	Christian - 13770 Madisonville Rd - Crofton	1492	Crofton - City of Crofton, Madisonville Rd - N&S of Substation	25.3	465	3/25/2013	0.0%	0.0%	0.4%	33.6%	2.1%	0.0%	3.7%	0.2%	0.0%	0.0%	122.00	6.82	0.735	1.071	Continue to Monitor	
PERDUE	McLean - S R 2110 - Island	1498	Island - Old Island-Lvermore Rd & Hwy 138 - NE & NW of Substation	8.8	23	12/5/2015	1.2%	0.0%	85.9%	0.0%	9.4%	0.0%	2.0%	0.0%	0.0%	1.5%	185.89	556.93	0.992	1.906	Continue to Monitor	
KUTTAWA	Lyon - 3487 Lake Barkley Dr - Kuttawa	1502	Kuttawa - Mary Blue Rd, State HWY 93, & US HWY 62 - NE of Substation	7.3	130	2/6/2016	3.6%	0.0%	0.0%	0.0%	6.9%	0.0%	0.0%	1.5%	88.0%	0.0%	57.81	116.64	0.478	0.561	Continue to Monitor	
FREDONIA	Caldwell - 150 Wigginton Ln - Fredonia	1507	Fredonia - City of Fredonia & Hwy 641 - S of Substation	11.2	283	9/10/2016	0.6%	0.0%	0.0%	0.0%	6.7%	0.0%	3.8%	48.2%	0.0%	40.6%	110.26	246.91	1.044	1.964	Continue to Monitor	
FREDONIA QUARRY 12KV	Caldwell - 181 Fredonia Quarry Rd - Fredonia	1513	Fredonia - Beck Rd & New Bethel Church Rd - S of Substation	11.9	43	8/6/2016	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	21.8%	0.0%	0.0%	77.5%	110.63	137.93	0.854	1.242	Reliability Improvements Completed in 2018	
CEDAR BLUFF	Caldwell - 10195 Hopkinsville Rd - Princeton	1514	Princeton - Hopkinsville Rd - SSW of Substation	0.2	5	10/14/2017	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10.8%	0.0%	0.0%	89.2%	116.73	583.67	0.233	1.167	Continue to Monitor	
CEDAR BLUFF	Caldwell - 10195 Hopkinsville Rd - Princeton	1515	Princeton - Hopkinsville Rd, Sandlick Rd, Hwy 91 - ENW of Subs	8.9	80	10/14/2017	0.0%	0.0%	1.7%	0.0%	2.0%	0.0%	0.0%	6.2%	90.0%	240.55	749.13	0.858	1.510	Continue to Monitor		
CEDAR BLUFF	Caldwell - 10195 Hopkinsville Rd - Princeton	1516	Princeton - No Road - N of Substation	0.3	1	10/14/2017	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	106.00	530.00	0.200	1.000	Continue to Monitor		
CLAXTON	Caldwell - 1600 Jones-Keeney Rd - Princeton	1518	Princeton - Hwy 62, Lewisston Rd - NW of Substation	15.7	148	11/28/2012	0.0%	0.0%	0.3%	0.0%	1.2%	0.0%	0.0%	0.0%	0.0%	98.4%	46.52	204.37	0.331	1.363	Continue to Monitor	
CLAXTON	Caldwell - 1600 Jones-Keeney Rd - Princeton	1519	Princeton - Mt Hebron Rd, Dearing Cam. Rd - W & E of Subst.	12.3	52	1/11/2013	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	99.5%	73.90	197.00	0.565	1.019	Continue to Monitor	
DAWSON 12KV	Hopkins - 203 Parker St - Dawson Springs	1531	Dawson Springs - Nortonville Rd - NE of Substation	12.8	221	2/1/2017	2.1%	0.0%	0.0%	0.0%	94.9%	0.0%	0.9%	0.0%	0.0%	2.1%	77.74	72.28	1.352	1.356	Continue to Monitor	
OUTWOOD	Christian - 23530 Dawson Springs Rd - Dawson Springs	1546	Dawson Springs - Outwood Comprehensive Ctr - S of Substation	0.2	1	2/11/2017	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	42.50	90.50	0.600	1.000	Continue to Monitor	
CALHOUN	McLean - 530 W First St - Calhoun	1607	Calhoun - State Hwy 81, W 2nd St, Walnut St - NE & S of Subst.	20.2	365	3/22/2013	0.0%	0.6%	0.3%	0.0%	0.2%	0.0%	7.4%	90.6%	0.0%	1.0%	51.34	102.88	0.516	1.104	Continue to Monitor	
SHAVERS CHAPEL	Muhlenberg - 7870 S R 181 N - Bremen	1612	Bremen - S R 181, HWY 70, & New Harmony Rd - S of Substation	44.8	785	6/21/2014	0.4%	0.0%	1.6%	0.0%	7.2%	0.0%	82.1%	3.7%	4.9%	63.07	120.26	0.789	1.570	Continue to Monitor		
GREENVILLE 12KV	Muhlenberg - 200 N Boggs Ave - Greenville	1614	Greenville - Outer York, Lake Rd, & Rogers Ave - N of Substation	2.6	65	5/21/2016	0.0%	0.0%	0.0%	0.0%	82.2%	0.0%	17.8%	0.0%	0.0%	0.0%	7.67	14.94	0.138	0.285	Continue to Monitor	
GREENVILLE 12KV	Muhlenberg - 200 N Boggs Ave - Greenville	1615	Greenville - Hwy 181, 62, 171, SR 189, & Bards Hill Rd - W&S of Substation	96.9	1819	5/8/2016	1.4%	0.0%	18.4%	0.0%	9.5%	0.0%	0.3%	36.5%	8.5%	25.5%	96.04	91.27	1.115	1.315	Continue to Monitor	
GREENVILLE WEST	Muhlenberg - S Walton St - Greenville	1618	Greenville - Campbell St, Main St, & Chatham Ln - E of Substation	3.4	292	5/21/2016	0.0%	0.0%	0.9%	0.0%	0.9%	0.0%	0.9%	97.3%	0.0%	0.0%	21.19	69.90	0.280	1.037	Continue to Monitor	
GREENVILLE	Muhlenberg - 117 E Depot St - Greenville	1623	Greenville - N Main St & Broad St - N & S of Substation	2.3	151	7/2/2016	0.0%	0.0%	0.0%	0.0%	4.3%	0.0%	1.7%	88.6%	0.0%	5.3%	13.34	6.85	0.340	1.079	Continue to Monitor	
POWDERLY	Muhlenberg - Opportunity Way - Greenville	1626	Greenville - Main St - NE of Substation	24.2	842	12/12/2015	3.0%	0.0%	6.0%	0.2%	23.3%	0.0%	58.6%	0.8%	0.0%	8.1%	52.48	57.02	0.567	1.396	Continue to Monitor	
ISLAND	McLean - 499 E Main St - Island	1638	Island - City of Island, Hwy 85, 1412, & Old Island Rd - W & E of Substation	37.6	610	2/20/2016	0.2%	0.0%	91.9%	0.0%	1.1%	0.0%	0.3%	6.3%	0.0%	0.0%	57.04	21.59	0.768	1.200	Continue to Monitor	
LIVERMORE	McLean - 190 Main St - Livermore	1642	Livermore - Hill St, Hwy 431, & Corny Dock Rd - NE of Substation	6.5	349	3/22/2013	2.4%	0.0%	0.0%	0												

RUSSELL SPRINGS	Russell - 1183 HWY 1870 - Russell Springs	2221	Russell Springs - Old Columbia Rd & Providence Rd - W of Substation	12.4	136	1/11/2014	4.5%	0.0%	1.5%	0.0%	93.0%	0.0%	1.0%	0.0%	0.0%	0.0%	19.69	46.71	0.135	0.234	Continue to Monitor
RUSSELL SPRINGS	Russell - 1183 HWY 1870 - Russell Springs	2222	Russell Springs - Old Columbia Rd, KY 80, Lakeway Dr, & Maple St - E of Substation	19.4	990	1/11/2014	2.3%	0.0%	0.0%	0.2%	0.1%	0.7%	8.5%	1.1%	0.0%	87.2%	79.12	109.40	0.853	1.183	Continue to Monitor
SPRINGFIELD	Washington - 107 Commercial Ave - Springfield	2226	Springfield - State HWY 55 & Bloomfield Rd - S & N of Substation	37.4	366	1/28/2015	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	97.4%	0.0%	0.8%	43.73	45.97	0.366	0.161	Tree Trim Scheduled for 2019
SPRINGFIELD	Washington - 107 Commercial Ave - Springfield	2227	Springfield - Main St - SE of Substation	5.8	617	8/21/2014	0.0%	0.0%	0.0%	0.0%	68.7%	0.0%	18.0%	2.1%	4.7%	6.5%	10.01	10.22	0.330	0.255	Continue to Monitor
UNION UNDERWEAR	Russell - 101 Fruit Of The Loom Dr - Jamestown	2228	Jamestown - City of Jamestown - SSE of Substation	26.3	933	11/1/2013	3.4%	0.0%	0.2%	0.0%	77.4%	0.0%	5.4%	11.4%	0.2%	2.0%	195.06	165.85	0.887	1.090	Continue to Monitor
WOODLAWN	Nelson - 285 Spencer Mattingly Ln - Bardstown	2231	Bardstown - Poplar Flat Rd, Ashleigh Way, Ed Pler Rd, & Old US 150 - SE of Substation	50.3	1104	5/17/2013	0.5%	0.6%	6.0%	0.8%	51.6%	0.0%	2.8%	18.4%	7.4%	12.0%	57.85	59.20	0.435	0.426	Continue to Monitor
WOODLAWN	Nelson - 285 Spencer Mattingly Ln - Bardstown	2232	Bardstown - My Old KY Home St Park & Gilkey Run Rd - SW of Substation	6.6	131	9/2/2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.7%	0.0%	0.0%	96.3%	67.19	240.98	0.431	1.107	Continue to Monitor
LEBANON EAST	Marion - 541 Corporate Dr - Lebanon	2240	Lebanon - Danville Hwy and Spalding Ave - W & E of Sub	17.5	900	11/1/2014	0.4%	0.0%	0.5%	0.0%	0.1%	0.1%	1.7%	4.1%	64.4%	28.8%	94.92	270.82	0.774	2.146	Continue to Monitor
BEATTVILLE 4KV	Lee - 950 W Main St - Beattyville	2300	Beattyville - River Dr, Proctor Rd, Broadway, & South Fork Rd - SE of Substation	9.7	472	4/27/2016	0.0%	0.0%	0.4%	0.0%	43.1%	0.0%	22.2%	34.3%	0.0%	0.0%	53.76	64.15	0.343	0.267	Continue to Monitor
BEATTVILLE 4KV	Lee - 950 W Main St - Beattyville	2301	Beattyville - W Main St, Lee Ave, & Grand Ave - E of Substation	8.2	247	5/12/2016	0.0%	0.0%	0.0%	0.0%	47.7%	0.0%	0.0%	44.8%	3.7%	3.8%	27.32	28.43	0.185	0.121	Continue to Monitor
IRVINE	Estill - 83 River Dr - Irvine	2303	Irvine - River Dr, Broadway Ave, & KY 89 - NW of Substation	11.4	899	1/30/2016	0.6%	0.0%	0.0%	0.0%	51.6%	0.0%	0.1%	11.2%	0.0%	0.6%	133.95	439.17	0.813	2.308	Continue to Monitor
IRVINE	Estill - 83 River Dr - Irvine	2304	Irvine - City of Irvine/Ravenna & Cow Creek Rd - E of Substation	18.4	1119	2/26/2016	1.3%	0.0%	0.0%	0.0%	71.9%	0.0%	0.0%	15.8%	0.0%	11.1%	74.44	116.34	0.509	0.342	Continue to Monitor
IRVINE	Estill - 83 River Dr - Irvine	2305	Irvine - Kirkland Ave - SE of Substation	3.6	83	2/26/2016	0.0%	0.0%	0.0%	0.0%	1.5%	0.0%	76.7%	0.0%	0.0%	0.0%	98.16	87.15	0.605	0.673	Continue to Monitor
RED HOUSE	Madison - 3658 Boonesboro Rd - Richmond	2311	Richmond - Lost Fork Rd, Red House Rd, & Boonesboro Rd - S of Substation	9.4	99	8/30/2016	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	60.8%	0.0%	39.2%	41.05	54.34	0.444	0.290	Continue to Monitor
RICHMOND 3 12KV	Madison - 950 Vickers Dr - Richmond	2314	Richmond - Lancaster Ave, Barnes Mill Rd, Water St, & Crabbe St - N of Substation	8.9	1171	12/1/2013	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	64.2%	0.0%	35.0%	66.08	197.47	1.038	1.850	Continue to Monitor
RICHMOND EAST	Madison - 1799 Irvine Rd - Richmond	2318	Richmond - E Irvine St, Bluegrass Dr, & E Main St - W of Substation	5.8	750	10/11/2013	6.7%	0.0%	0.0%	0.0%	0.4%	73.2%	19.7%	0.0%	0.0%	0.0%	21.24	50.59	0.248	0.479	Continue to Monitor
RICHMOND SOUTH	Madison - 1799 Irvine Rd - Richmond	2320	Richmond - DR Martin BYP, Commercial Dr, & Berea Rd - SE of Substation	17.2	1240	6/22/2013	3.4%	0.0%	61.5%	0.0%	31.5%	0.0%	0.0%	1.0%	0.0%	2.6%	21.14	28.01	0.240	0.294	Continue to Monitor
RICHMOND SOUTH	Madison - 464 Eastern Bypass - Richmond	2324	Richmond - Eastern Ave, Barnes Mill Rd, & Brookview Dr - N of Substation	5.9	688	7/19/2014	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	71.9%	26.0%	0.0%	6.88	11.27	0.135	0.142	Tree Trim Scheduled for 2019
RICHMOND 1	Madison - 315 Clay Dr - Richmond	2329	Richmond - Sunset Ave, Barnes Mill Rd, & Kirkville Rd - SW of Substation	40.5	1357	2/1/2014	1.0%	0.0%	18.9%	0.2%	0.7%	0.0%	4.0%	72.3%	2.1%	0.8%	53.38	93.66	0.512	0.438	Continue to Monitor
ELIZABETHTOWN 3	Hardin - 100 Crucible Steel Rd - Elizabethtown	2331	Elizabethtown - Mulberry St - NE of Substation	2.4	68	10/29/2016	14.9%	0.0%	0.0%	0.0%	0.0%	0.0%	85.1%	0.0%	0.0%	0.0%	9.48	41.59	0.074	0.250	Continue to Monitor
RINEYVILLE	Hardin - Rineyville Big Springs Rd - Radcliff	2335	Radcliff - Big Springs Rd, Wilson Rd, & US 31 - NE of Substation	10.6	357	2/20/2015	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.6%	98.1%	0.0%	0.0%	28.97	119.06	0.323	1.205	Continue to Monitor
BONNIEVILLE	Hart - 8074 N Dixie Hwy - Bonnieville	2401	Bonnieville - Follows US 31 - N of Substation	11.9	159	12/29/2012	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	7.99	4.35	0.092	0.103	Continue to Monitor
BOSTON	Nelson - 1100 Old Nelsonville Rd - Boston	2402	Lebanon Junction - City of Lebanon Junction - NW of Substation	15.5	712	2/4/2017	20.1%	2.9%	0.1%	0.0%	0.7%	23.5%	45.6%	6.4%	0.3%	0.2%	74.31	70.92	0.795	1.027	Continue to Monitor
CLARKSON	Grayson - 405 Pecora Rd - Clarkson	2404	Clarkson - City of Clarkson - N/E/W of Substation	13.3	587	4/1/2017	0.4%	0.1%	7.4%	0.0%	5.8%	0.0%	1.8%	72.9%	4.5%	7.4%	27.14	27.49	0.236	0.206	Continue to Monitor
EASTVIEW	Hardin - 12540 Sonora - Hardin Springs	2406	Sonora - Hwy 62, KY 1375, & Church Ln - NE of Substation	23.8	372	4/2/2015	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.5%	82.1%	0.0%	3.4%	63.13	76.14	0.851	1.126	Reliability Improvements Scheduled for 2019
ELIZABETHTOWN 2	Hardin - 1011 Woodland Dr - Elizabethtown	2413	Elizabethtown - Long Ave, Saint John Rd, & College Street Rd - S of Substation	11.7	891	12/10/2016	0.9%	0.0%	10.5%	0.0%	0.4%	0.0%	9.0%	73.8%	0.1%	5.3%	27.41	33.86	0.404	0.392	Continue to Monitor
ELIZABETHTOWN 5	Hardin - 800 N Mulberry St - Elizabethtown	2421	Elizabethtown - N Mulberry Ave, Quince Aly, & Wall St - SW of Substation	4.5	704	6/11/2016	0.8%	0.0%	0.2%	0.0%	0.2%	0.0%	3.0%	68.9%	0.0%	26.9%	44.99	97.14	0.815	2.502	Continue to Monitor
ELIZABETHTOWN 5	Hardin - 800 N Mulberry St - Elizabethtown	2423	Elizabethtown - Brooks Str, N Main St, & Gutrie St - S & E of Substation	5.8	560	7/30/2016	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	99.7%	0.0%	0.0%	24.77	73.22	0.140	0.117	Continue to Monitor
ELIZABETHTOWN WEST	Hardin - 300 College Street Rd - Elizabethtown	2426	Elizabethtown - College Street Rd & Peters Dr - NE of Substation	6.6	363	11/19/2016	1.8%	0.1%	1.0%	0.0%	10.7%	0.0%	2.6%	83.3%	0.0%	0.5%	50.52	84.23	0.740	1.370	Continue to Monitor
ELIZABETHTOWN WEST	Hardin - 300 College Street Rd - Elizabethtown	2427	Elizabethtown - Peterson Dr, Geaigertown Rd, & Leitchfield Rd - W of Substation	5.4	261	10/29/2016	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.5%	89.0%	0.0%	10.4%	28.96	48.75	0.409	1.130	Continue to Monitor
HODGENVILLE 12KV	Larue - 500 W High Ave - Hodgenville	2430	Hodgenville - S Lincoln Blvd/Hwy 61, Greensburg Rd, & L & N Tpke - SE of Substation	34.2	1420	9/1/2017	4.1%	0.1%	1.0%	0.0%	0.5%	0.0%	6.3%	87.9%	0.0%	0.1%	74.32	58.56	0.547	0.625	Continue to Monitor
HODGENVILLE 12KV	Larue - 500 W High Ave - Hodgenville	2431	Hodgenville - Hwy 61, New Jackson Hwy, BF Brown Rd, & L & N Tpke - S of Substation	24.1	451	10/14/2017	0.1%	0.0%	0.2%	0.0%	0.1%	0.0%	3.4%	96.3%	0.0%	0.0%	165.56	188.93	1.038	1.034	Continue to Monitor
HORSE CAVE	Hart - 501 Shewey Ave - Horse Cave	2433	Horse Cave - W Main St, KY 335, New St, US 31 - N & NW of Substation	22.4	887	9/7/2013	0.2%	0.0%	20.1%	0.0%	66.7%	0.0%	0.2%	12.9%	0.0%	0.0%	12.40	13.67	0.160	0.136	Continue to Monitor
HORSE CAVE	Hart - 501 Shewey Ave - Horse Cave	2434	Cave City - Old Glasgow Rd, 9th St, KY 70, 3rd St, & Dixie Hwy - SW of Substation	15.5	628	8/7/2013	0.3%	0.0%	1.7%	0.0%	2.7%	0.0%	2.9%	92.2%	0.0%	0.2%	197.40	729.33	1.107	3.003	Continue to Monitor
HORSE CAVE	Hart - 501 Shewey Ave - Horse Cave	2436	Hiseville - Old Glasgow Rd & Hiseville Main St - SE of Substation	28.1	353	10/19/2013	0.4%	0.0%	0.2%	0.0%	77.2%	0.0%	0.2%	7.7%	0.0%	13.3%	105.57	164.09	0.816	1.034	Continue to Monitor
MUNFORDVILLE	Hart - 75 Gorin Mill Rd - Munfordville	2442	Munfordville - Mill St, KY 88, US 31 W, & HWY 571 - SE of Substation	24.9	503	5/17/2014	0.6%	0.0%	70.1%	0.0%	8.1%	0.0%	7.4%	1.5%	4.8%	7.5%	99.37	91.05	0.489	0.514	Continue to Monitor
MUNFORDVILLE	Hart - 75 Gorin Mill Rd - Munfordville	2443	Munfordville - City of Munfordville & US 31 - E & N of Substation	16.0	971	6/28/2014	0.0%	0.1%	0.5%	4.0%	0.4%	0.0%	2.0%	69.8%	0.3%	22.9%	46.50	137.00	0.311	0.640	Continue to Monitor
NEW HAVEN	Nelson - 256 Lyons Station Rd - New Haven	2444	New Haven - 3rd St, Center St, New Hope Rd, & Rogers Rd - ESE of Substation	24.3	573	12/2/2017	0.8%	0.0%	0.2%	0.0%	92.0%	0.0%	3.8%	3.1%	0.0%	0.0%	72.54	95.19	0.801	1.084	Continue to Monitor
RADCLIFF	Hardin - 677 N Wilson Rd - Radcliff	2449	Radcliff - Hill St, Northern Rd, Preston St, Woodland Rd, & Lincoln Trail - NW & S of Substation	8.9	540	11/29/2014	0.6%	0.0%	0.0%	0.0%	0.1%	0.0%	5.7%	93.5%	0.0%	0.0%	72.86	70.69	0.632	1.096	Tree Trim Scheduled for 2019
RIO	Hart - 301 Glen Lay Rd - Munfordville	2450	Munfordville - E US 31, Eve Rd, & Pikeview Rd - N of Substation	13.4	160	4/25/2015	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	93.8%	0.0%	5.9%	470.23	791.86	1.768	1.553	Reliability Improvements Scheduled for 2019
SONORA	Hardin - 1340 Old Sonora Rd - Sonora	2456	Sonora - US 31 W, S Dixie Hwy, & Sonora Rd - E of Substation	12.5	191	8/18/2012	0.5%	0.0%	60.6%	3.9%	9.7%	0.0%	5.5%	10.7%	7.7%	1.4%	17.24	30.46	0.188	0.178	Continue to Monitor
SONORA	Hardin - 1340 Old Sonora Rd - Sonora	2458	Sonora - Maple St, US 31, & City of Upton - S of Substation	17.3	495	11/16/2012	0.5%	0.4%	0.1%	0.0%	0.0%	0.0%	4.7%	64.3%	0.0%	34.0%	57.13	115.35	0.418	1.123	Continue to Monitor
ELIZABETHTOWN INDUSTRIAL	Hardin - 111 Ring Rd - Elizabethtown	2463	Elizabethtown - N Blackbranch Rd - NW of Substation	1.2	4	10/29/2016	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	28.17	28.25	0.367	0.250	Continue to Monitor
ELIZABETHTOWN INDUSTRIAL	Hardin - 111 Ring Rd - Elizabethtown	2464	Elizabethtown - N Black Branch Rd & Enterprise Dr - N of Substation	1.4	18	10/29/2016	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	5.90	13.50	0.056	0.167	Continue to Monitor
RADCLIFF SOUTH	Hardin - 100 Energy Dr - Radcliff	2470	Hardin - S Wilson Rd, Miller Ave, & Shelton Rd - N of Substation	13.9	1018	8/30/2014	0.1%	0.0%	0.0%	0.0%	11.6%	4.0%	0.5%	78.6%	5.2%	0.0%	29.63	118.54	0.347	1.301	Tree Trim Scheduled for 2019
HORSE CAVE INDUSTRIAL	Hart - 400 Cherry St - Horse Cave	2474	Horse Cave - Butler Rd & Top Quality Dr - S of Substation	2.5	27	12/2/2008	0.0%	0.0%	96.1%	0.0%	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%	25.26	73.22	0.199	0.370	Continue to Monitor
BLACK BRANCH	Hardin - 1220 N Black Branch Rd - Elizabethtown	2477	Elizabethtown - City of Elizabethtown, W Main St, & St. Paul Rd - NE & SW of Substation	23.1	665	12/19/2014	0.4%	0.1%	26.0%	0.0%	12.0%	0.0%	6.6%	53.0%	0.6%	1.3%	39.27	18.93	1.112	1.229	Continue to Monitor
EMINENCE	Henry - 1257 Ballardsville Rd - Eminence	2500	Eminence - Jim Doyle Rd, Mulberry Pike, & Hill Spring Rd - SE of Substation	44.2	615	6/11/2016	0.4%	0.0%	2.0%	0.0%	6.6%	0.0%	0.1%	0.0%	21.0%	69.8%	108.53	120.43	0.900	1.432	Continue to Monitor
FAIRFIELD	Nelson - 5729 High Grove Rd - Coss Creek	2503	Bloomfield - KY 48, US 62, & Lawrenceburg Rd - E of Substation	54.2	1236	4/18/2015	0.2%	62.2%	0.3%	0.0%	0.0%	0.5%	0.1%	9.0%	0.3%	27.4%	113.16	394.96	1.163	3.919	Continue to Monitor
FINCHVILLE 1	Shelby - 198 Parent Ln - Finchville	2504	Simpsonville - Hwy 55, Buck Creek Rd, & Finchville Rd - NE & SW of Substation	44.0	500	3/18/2017	1.4%	0.1%	2.1%	0.0%	0.1%	0.1%	0.0%	3.7%	92.2%	0.4%	108.99	240.65	0.609	1.052	Continue to Monitor
FLORIDA TILE	Anderson - 1247 Alton Rd - Lawrenceburg	2505	Lawrenceburg - Alton Rd - N of Substation	15.6	630	5/21/2016	0.0%	0.0%	21.5%	0.0%	10.7%	0.0%	0.1%	66.6%	0.2%	0.9%	96.85	156.11	0.705	0.905	Continue to Monitor
LA GRANGE E 12KV	Oldham - 1810 E Highway 146 - La Grange	2508	La Grange - Fort Pickets Rd, Hwy 146, & Covey Trace Rd - N & NE of Substation	20.2	367	2/11/2012	0.4%	1.0%	0.3%	4.9%	8.0%	0.0%	1.1%	7.9%	63.6%	13.8%	72.46	217.07	0.647	2.038	Continue to Monitor
LA GRANGE E 12KV	Oldham - 1810 E Highway 146 - La Grange	2509	La Grange - Grange Dr, Hwy 53, & Hwy 22 - S of Substation	68.8	1915	4/7/2012	10.3%	0.0%	14.7%	0.1%	0.1%	0.0%	0.6%	68.7%	3.7%	1.8%	45.90	29.41	0.347	0.378	Tree Trim Scheduled for 2019
LAWRENCEBURG 12KV	Anderson - 108 E Broadway st - Lawrenceburg	2515	Lawrenceburg - Fox Creek Rd - SW of Substation	35.3</																	

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

The Companies' Vegetation Management Plan was submitted December 19, 2007. The Distribution Vegetation Management Program encompasses right of way maintenance for Louisville Gas and Electric Company and Kentucky Utilities Company (referred to as the "Companies"). The program is centralized and managed by a Forestry Manager and eight company Utility Arborists. All are certified arborists by the International Society of Arboriculture.

The Companies' plan is to maintain a proactive trim cycle while balancing the reactive needs of worst performing circuits. The Companies' goal is to maintain an average trim cycle of five years or less. The effectiveness of the plan is evaluated by the cycle and system performance as measured by system SAIDI, SAIFI, and CAIDI.

Effectiveness of the program

KU/LG&E Tree Cycle – 4.98 years

KU (Kentucky) Tree SAIDI – 26.58 minutes

KU (Kentucky) Tree SAIFI – 0.165

KU (Kentucky) Tree CAIDI – 161.2 minutes

The hazard tree program, mid cycle, herbicide, and worst performing circuits were completed as planned.

Adjustments made to the tree plan in 2018 included

No changes made to plan.

Changes to be implemented in 2019

No changes made to plan. Continue to focus on hazard tree program.

SECTION 7: UTILITY COMMENTS

KU experienced significant weather impacts to electric reliability as partially indicated by the 9 measured Major Event Days. Over the past 5 years, KU saw an average of 3.2 MEDs annually. Electric reliability metrics in 2018 were on similar levels to the 5-year averages excluding Major Event Days.