



RECEIVED

MAY 01 2019

PUBLIC SERVICE
COMMISSION

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

**Louisville Gas and Electric
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
rick.lovekamp@lge-ku.com

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 Louisville Gas and Electric Company's ("LG&E") 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 LG&E in Excel format.

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

Sincerely,

Rick E. Lovekamp

KENTUCKY PUBLIC SERVICE COMMISSION
ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

SECTION 1: CONTACT INFORMATION

UTILITY NAME	LOUISVILLE GAS AND ELECTRIC
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)

	T_{MED}
FIRST DATE USED TO DETERMINE T_{MED}	2.841
LAST DATE USED TO DETERMINE T_{MED}	1/1/2013
NUMBER OF MED IN REPORTING YEAR	12/31/2017
	10

NOTE: Per IEEE 1366 T_{MED} should be calculated using the daily SAIDI values for the five prior years. If five years of data is 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>420,114</u>	TOTAL CIRCUITS <u>579</u>
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Excluding MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>74.33</u>	SAIDI	<u>85.00</u>
SAIFI	<u>0.891</u>	SAIFI	<u>0.853</u>

Including MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>121.12</u>	SAIDI	<u>487.84</u>
SAIFI	<u>1.052</u>	SAIFI	<u>1.443</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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(s, & Admin)

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Substation Name	Substation Location (County - Road - Town)	Circuit Number
ASHBY	Jefferson - 5400 Vesper Ln - Louisville	AB1203
ASHBY	Jefferson - 5400 Vesper Ln - Louisville	AB1204
ASHBY	Jefferson - 5400 Vesper Ln - Louisville	AB1206
ASHBY	Jefferson - 5400 Vesper Ln - Louisville	AB1207
AIKEN	Jefferson - 12909 Shelbyville Rd. - Louisville	AK1289
AIKEN	Jefferson - 12909 Shelbyville Rd. - Louisville	AK1290
AIKEN	Jefferson - 12909 Shelbyville Rd. - Louisville	AK1291
AIKEN	Jefferson - 12909 Shelbyville Rd. - Louisville	AK1292
AIKEN	Jefferson - 12909 Shelbyville Rd. - Louisville	AK1296
ALGONQUIN	Jefferson - 1800 S 11th St - Louisville	AL1377
ALGONQUIN	Jefferson - 1800 S 11th St - Louisville	AL1380
ASHBOTTOM	Fayette - 96 Burley Ave. - Lexington	AS1416
ASHBOTTOM	Jefferson - 8113 Grade Ln - Louisville	AS1417
ASHBOTTOM	Jefferson - 8113 Grade Ln - Louisville	AS1418
BRANDENBURG	Meade - Weldon Church Rd. - Brandenburg	BB1102
BRANDENBURG	Meade - Weldon Church Rd. - Brandenburg	BB1103
BISHOP	Jefferson - 3920 Bishop Ln - Louisville	BI1217
BISHOP	Jefferson - 3920 Bishop Ln - Louisville	BI1218
BISHOP	Jefferson - 3920 Bishop Ln - Louisville	BI1219
BISHOP	Jefferson - 3920 Bishop Ln - Louisville	BI1223
BISHOP	Jefferson - 3920 Bishop Ln - Louisville	BI1224
BROOK	Jefferson - 913 S 1st Street - Louisville	BK0001
BROOK	Jefferson - 913 S 1st Street - Louisville	BK0002
BRECKENRIDGE	Jefferson - 3920 Dutchmans Ln. - Louisville	BR1177
BRECKENRIDGE	Jefferson - 3920 Dutchmans Ln. - Louisville	BR1181
BRECKENRIDGE	Jefferson - 3920 Dutchmans Ln. - Louisville	BR1185
BRECKENRIDGE	Jefferson - 3920 Dutchmans Ln. - Louisville	BR1187
BRECKENRIDGE	Jefferson - 3920 Dutchmans Ln. - Louisville	BR1351
BLUEGRASS PARKWAY	Jefferson - 11240 Bluegrass Parkway - Louisville	BY1277
BLUEGRASS PARKWAY	Jefferson - 11240 Bluegrass Parkway - Louisville	BY1279
CANAL	Jefferson - 2005 Northwestern Parkway - Louisville	CA1304
CANAL	Jefferson - 2005 Northwestern Parkway - Louisville	CA1342
CROP	Jefferson - 116 N 26th St - Louisville	CB0001
CROP	Jefferson - 116 N 26th St - Louisville	CB0002
CROP	Jefferson - 116 N 26th St - Louisville	CB0004
CENTERFIELD	Oldham - 4210 Hwy 393 - Centerfield	CF1202
CENTERFIELD	Oldham - 4210 Hwy 393 - Centerfield	CF1203
CENTERFIELD	Oldham - 4210 Hwy 393 - Centerfield	CF1205
CLARKS LANE	Jefferson - 934 Clarks Ln - Louisville	CK0002
CLARKS LANE	Jefferson - 934 Clarks Ln - Louisville	CK0003
CLIFTON	Jefferson - 2009 New Main Street - Louisville	CL1226
CLIFTON	Jefferson - 2009 New Main Street - Louisville	CL1227
CLIFTON	Jefferson - 2009 New Main Street - Louisville	CL1229
CLIFTON	Jefferson - 2009 New Main Street - Louisville	CL1230

CLIFTON	Jefferson - 2009 New Main Street - Louisville	CL1403
CLIFTON	Jefferson - 2009 New Main Street - Louisville	CL1405
CLIFTON	Jefferson - 2009 New Main Street - Louisville	CL1407
COLLINS	Jefferson - 3401 Coillins Ln. - Louisville	CO1195
COLLINS	Jefferson - 3401 Coillins Ln. - Louisville	CO1197
CONESTOGA	Bullitt - 1365 N Buckman St. - Shepherdsville	CS1260
CARTER	Jefferson - Opposite 2215 Carter St - Louisville	CT0002
CRESTWOOD	Oldham - Floydsburg Rd. - Crestwood	CW1223
CRESTWOOD	Oldham - Floydsburg Rd. - Crestwood	CW1224
CRESTWOOD	Oldham - Floydsburg Rd. - Crestwood	CW1228
CLAY	Jefferson - 908 Clay St. - Louisville	CY1481
CLAY	Jefferson - 908 Clay St. - Louisville	CY1484
DAHLIA	Jefferson - 2135 Dahlia Ave. - Louisville	DA1237
DAHLIA	Jefferson - 2135 Dahlia Ave. - Louisville	DA1239
DAHLIA	Jefferson - 2135 Dahlia Ave. - Louisville	DA1241
DAHLIA	Jefferson - 2135 Dahlia Ave. - Louisville	DA1242
DAHLIA	Jefferson - 2135 Dahlia Ave. - Louisville	DA1243
DEL PARK	Jefferson - 3135 Del Park Terrance - Louisville	DE1406
DEL PARK	Jefferson - 3135 Del Park Terrance - Louisville	DE1408
DEL PARK	Jefferson - 3135 Del Park Terrance - Louisville	DE1409
DUMESNIL	Jefferson - 1309 Dumesnil St - Louisville	DU0001
DIXIE	Jefferson - 1706 Bernheim Ln. - Louisville	DX1221
EIGHTH	Jefferson - 841 S 8th St - Louisville	EI0003
ETHEL	Jefferson - 3532 Ethel Ave. - Louisville	ET1166
ETHEL	Jefferson - 3532 Ethel Ave. - Louisville	ET1167
ETHEL	Jefferson - 3532 Ethel Ave. - Louisville	ET1170
ETHEL	Jefferson - 3532 Ethel Ave. - Louisville	ET1171
ETHEL	Jefferson - 3532 Ethel Ave. - Louisville	ET1173
EASTWOOD	Jefferson - 100 Flat Road Rd. - Louisville	EW1241
EASTWOOD	Jefferson - 16000 Shelbyville Rd - Middletown	EW1242
FARNSLEY	Jefferson - 2428 Farnsley Rd. - Louisville	FA1123
FARNSLEY	Jefferson - 2428 Farnsley Rd. - Louisville	FA1148
FARNSLEY	Jefferson - 2428 Farnsley Rd. - Louisville	FA1149
FREYS HILL	Jefferson - 3300 Freys Hill Rd. - Louisville	FH1211
FREYS HILL	Jefferson - 3300 Freys Hill Rd. - Louisville	FH1215
FREYS HILL	Jefferson - 3300 Freys Hill Rd. - Louisville	FH1216
FREYS HILL	Jefferson - 3300 Freys Hill Rd. - Louisville	FH1217
FLOYD	Jefferson - 1806 S Floyd St. - Louisville	FL1495
FLOYD	Jefferson - 1806 S Floyd St. - Louisville	FL1496
FLOYD	Jefferson - 1806 S Floyd St. - Louisville	FL1497
FLOYD	Jefferson - 1806 S Floyd St. - Louisville	FL1499
FAIRMOUNT	Jefferson - 10713 Fairmount Rd. - Louisville	FM1261
FAIRMOUNT	Jefferson - 10713 Fairmount Rd. - Louisville	FM1262
FORTY FOURTH	Jefferson - 128 N 44th St - Louisville	FO0001
FORTY FOURTH	Jefferson - 128 N 44th St - Louisville	FO0002
FORTY FOURTH	Jefferson - 128 N 44th St - Louisville	FO0003
FERN VALLEY	Jefferson - 1256 Old Fern Valley Rd. - Louisville	FV1134

FERN VALLEY	Jefferson - 1256 Old Fern Valley Rd. - Louisville	FV1139
FERN VALLEY	Jefferson - 1256 Old Fern Valley Rd. - Louisville	FV1140
FERN VALLEY	Jefferson - 1256 Old Fern Valley Rd. - Louisville	FV1475
FERN VALLEY	Jefferson - 1256 Old Fern Valley Rd. - Louisville	FV1476
GAULBERT	Jefferson - 2950 Wilson Ave - Louisville	GA0001
GAULBERT	Jefferson - 2950 Wilson Ave - Louisville	GA0002
GAULBERT	Jefferson - 2950 Wilson Ave - Louisville	GA0003
GRAND	Jefferson - 1038 S 34th St - Louisville	GD0001
GRAND	Jefferson - 1038 S 34th St - Louisville	GD0002
GRAND	Jefferson - 1038 S 34th St - Louisville	GD0003
GRAND	Jefferson - 1038 S 34th St - Louisville	GD0004
GILLIGAN	Jefferson - 35th Street & Gilligan Ave - Louisville	GI0002
GOSS	Jefferson - 1260 Goss Ave - Louisville	GO0001
GOSS	Jefferson - 1260 Goss Ave - Louisville	GO0002
GRADY	Jefferson - 1838 S 39th St. - Louisville	GR1462
GRADY	Jefferson - 1838 S 39th St. - Louisville	GR1463
GRADY	Jefferson - 1838 S 39th St. - Louisville	GR1466
HALE	Jefferson - Rear 185 Hale Ave - Louisville	HA0001
HALE	Jefferson - Rear 185 Hale Ave - Louisville	HA0002
HURSTBOURNE	Jefferson - 1830 Plantside Drive - Louisville	HB1142
HURSTBOURNE	Jefferson - 1830 Plantside Drive - Louisville	HB1148
HILLCREST	Jefferson - 3015 Frankfort Ave. - Louisville	HC1291
HILLCREST	Jefferson - 3015 Frankfort Ave. - Louisville	HC1292
HILLCREST	Jefferson - 3015 Frankfort Ave. - Louisville	HC1293
HILLCREST	Jefferson - 3015 Frankfort Ave. - Louisville	HC1294
HILLCREST	Jefferson - 3015 Frankfort Ave. - Louisville	HC1431
HILLCREST	Jefferson - 3015 Frankfort Ave. - Louisville	HC1434
HERMAN	Jefferson - Rear 3619 Jefferson St - Louisville	HE0002
HERMAN	Jefferson - Rear 3619 Jefferson St - Louisville	HE0003
HIGHLAND	Jefferson - 1917 Stevens Ave. - Louisville	HI1103
HIGHLAND	Jefferson - 1917 Stevens Ave. - Louisville	HI1104
HIGHLAND	Jefferson - 1917 Stevens Ave. - Louisville	HI1105
HIGHLAND	Jefferson - 1917 Stevens Ave. - Louisville	HI1472
HARRODS CREEK	Jefferson - 6611 Del Haven Rd. - Louisville	HK1233
HARRODS CREEK	Jefferson - 6611 Del Haven Rd. - Louisville	HK1235
HARRODS CREEK	Jefferson - 6611 Del Haven Rd. - Louisville	HK1238
HARRODS CREEK	Jefferson - 6611 Del Haven Rd. - Louisville	HK1242
HARMONY LANDING	Oldham - 11943 W Hwy 42 - Goshen	HL1155
HARMONY LANDING	Oldham - 11943 W Hwy 42 - Goshen	HL1156
HARMONY LANDING	Oldham - 11943 W Hwy 42 - Goshen	HL1157
HARMONY LANDING	Oldham - 11943 W Hwy 42 - Goshen	HL1158
HANCOCK	Jefferson - 630 E Caldwell St - Louisville	HN1200
HANCOCK	Jefferson - 630 E Caldwell St - Louisville	HN1201
HANCOCK	Jefferson - 630 E Caldwell St - Louisville	HN1204
INTERNATIONAL	Jefferson - 5599 Cane Run Rd. - Louisville	IN1291
INTERNATIONAL	Jefferson - 5599 Cane Run Rd. - Louisville	IN1298
JEFFERSONTOWN	Jefferson - 11412 Taylorsville Rd. - Louisville	JT1124

JEFFERSONTOWN	Jefferson - 11412 Taylorsville Rd. - Louisville	JT1127
Knob Creek	Bullitt - Highway 44 - West Point	KC3321
KENWOOD	Jefferson - 115 Steedly Dr. - Louisville	KE1159
KENWOOD	Jefferson - 115 Steedly Dr. - Louisville	KE1161
LOGAN	Jefferson - Rear of 1130 Logan St, St Catherine St - Louisville	LG0001
LOGAN	Jefferson - Rear of 1130 Logan St, St Catherine St - Louisville	LG0002
LOGAN	Jefferson - Rear of 1130 Logan St, St Catherine St - Louisville	LG0003
LOGAN	Jefferson - Rear of 1130 Logan St, St Catherine St - Louisville	LG0004
LYNN	Jefferson - Rear of 2071 S Preston St & Lynn St - Louisville	LN0001
LYNN	Jefferson - Rear of 2071 S Preston St & Lynn St - Louisville	LN0002
LYNN	Jefferson - Rear of 2071 S Preston St & Lynn St - Louisville	LN0003
LYNN	Jefferson - Rear of 2071 S Preston St & Lynn St - Louisville	LN0004
LYNDON SOUTH	Jefferson - 918 Ormsby Ln. - Bellemeade	LS1241
LYNDON SOUTH	Jefferson - 918 Ormsby Ln. - Louisville	LS1243
LYNDON SOUTH	Jefferson - 918 Ormsby Ln. - Bellemeade	LS1244
LYNDON SOUTH	Jefferson - 918 Ormsby Ln. - Louisville	LS1245
LYNDON SOUTH	Jefferson - 918 Ormsby Ln. - Louisville	LS1246
LYNDON SOUTH	Jefferson - 918 Ormsby Ln. - Louisville	LS1248
LYNDON	Jefferson - 8407 LaGrange Rd. - Louisville	LY1111
LYNDON	Jefferson - 8407 LaGrange Rd. - Louisville	LY1112
LYNDON	Jefferson - 8407 LaGrange Rd. - Louisville	LY1163
MILL CREEK - LGE	Jefferson - 14660 Dixie Hwy - Louisville	MC1261
MILL CREEK - LGE	Jefferson - 14660 Dixie Hwy - Louisville	MC1262
MADISON	Jefferson - 635 E Madison - Louisville	MD1452
MAGAZINE	Jefferson - 646 S 13th St. - Louisville	MG0407
MAGAZINE	Jefferson - 646 S 13th St. - Louisville	MG0411
MAGAZINE	Jefferson - 646 S 13th St. - Louisville	MG0417
MAGAZINE	Jefferson - 646 S 13th St. - Louisville	MG0451
MAGAZINE	Jefferson - 646 S 13th St. - Louisville	MG0452
MAGAZINE	Jefferson - 646 S 13th St. - Louisville	MG0454
MAGAZINE	Jefferson - 646 S 13th St. - Louisville	MG1329
MANSLICK	Jefferson - 8703 Manslick Rd. - Louisville	MK1294
MANSLICK	Jefferson - 8703 Manslick Rd. - Louisville	MK1295
MANSLICK	Jefferson - 8703 Manslick Rd. - Louisville	MK1296
MANSLICK	Jefferson - 8703 Manslick Rd. - Louisville	MK1297
MUD LANE	Jefferson - 4900 Mud Ln. - Louisville	ML1282
MUD LANE	Jefferson - 4900 Mud Ln. - Louisville	ML1284
MUD LANE	Jefferson - 4900 Mud Ln. - Louisville	ML1285
MUD LANE	Jefferson - 4900 Mud Ln. - Louisville	ML1287
MUD LANE	Jefferson - 4900 Mud Ln. - Louisville	ML1288
MUD LANE	Jefferson - 4900 Mud Ln. - Louisville	ML1289
NACHAND	Jefferson - 7201 Verona Way - Louisville	NA1269
NACHAND	Jefferson - 7201 Verona Way - Louisville	NA1271
NACHAND	Jefferson - 7201 Verona Way - Louisville	NA1272
OLD HENRY	Jefferson - 13601 Terra View Trail - Louisville	OH1171
OLD HENRY	Jefferson - 13601 Terra View Trail - Louisville	OH1172
OKOLONA	Jefferson - 811 N 27th St. - Louisville	OK1271

OKOLONA	Jefferson - 811 N 27th St. - Louisville	OK1272
OKOLONA	Jefferson - 811 N 27th St. - Louisville	OK1273
OKOLONA	Jefferson - 811 N 27th St. - Louisville	OK1275
ORMSBY	Jefferson - Rear of 436 E Ormsby Jackson St - Louisville	OR0001
ORMSBY	Jefferson - Rear of 436 E Ormsby Jackson St - Louisville	OR0002
OXMOOR	Jefferson - 8004 Shelbyville Rd - Louisville	OX1273
OXMOOR	Jefferson - 8004 Shelbyville Rd - Louisville	OX1274
OXMOOR	Jefferson - 8004 Shelbyville Rd - Louisville	OX1277
OXMOOR	Jefferson - 8004 Shelbyville Rd - Louisville	OX1279
PIRTLE	Jefferson - Rear 1506 W Main St - Louisville	PI0003
PLEASURE RIDGE	Jefferson - 4400 Atlas Power Rd. - Louisville	PL1270
PLEASURE RIDGE	Jefferson - 4400 Atlas Power Rd. - Louisville	PL1271
PLEASURE RIDGE	Jefferson - 4400 Atlas Power Rd. - Louisville	PL1274
PADDYS RUN	Floyd - 4222 Hwy 111 - New Albany	PR1380
PADDYS RUN	Floyd - 4222 Hwy 111 - New Albany	PR1389
PLAINVIEW	Jefferson - 9900 Shelbyville Rd - Louisville	PV1253
PLAINVIEW	Jefferson - 9900 Shelbyville Rd - Louisville	PV1254
SEVENTH	Louisville - 1231 S 7th St - Louisville	SE0001
SHIVELY	Jefferson - 3624 Elderwood Way - Louisville	SH1284
SHIVELY	Jefferson - 3624 Elderwood Way - Louisville	SH1285
SHIVELY	Jefferson - 3624 Elderwood Way - Louisville	SH1456
SHIVELY	Jefferson - 3624 Elderwood Way - Louisville	SH1458
SKYLIGHT	Oldham - 8617 W Hwy 42 - Skylight	SK1128
SEMINOLE	Jefferson - 4161 Park Blvd. - Louisville	SM1231
SEMINOLE	Jefferson - 4161 Park Blvd. - Louisville	SM1363
SEMINOLE	Jefferson - 4161 Park Blvd. - Louisville	SM1394
SEMINOLE	Jefferson - 4161 Park Blvd. - Louisville	SM1397
SHAWNEE	Jefferson - Rear of 3908 W Broadway - Louisville	SN0001
SHAWNEE	Jefferson - Rear of 3908 W Broadway - Louisville	SN0004
SOUTHERN	Jefferson - 1475 S 3rd Street - Louisville	SO0405
SOUTHERN	Jefferson - 1475 S 3rd Street - Louisville	SO0409
SOUTHERN	Jefferson - 1475 S 3rd Street - Louisville	SO0410
SOUTHERN	Jefferson - 1475 S 3rd Street - Louisville	SO0451
SOUTH PARK	Jefferson - 1412 Fairdale Rd. - Louisville	SP1114
SOUTH PARK	Jefferson - 1412 Fairdale Rd. - Louisville	SP1116
SHEPHERDSVILLE	Bullitt - 1706 4th St. - Shepardsville	SV1121
SHEPHERDSVILLE	Bullitt - 1706 4th St. - Shepardsville	SV1122
STEWART	Jefferson - 4701 Stewart Ln. - Louisville	SW1186
STEWART	Jefferson - 4701 Stewart Ln. - Louisville	SW1188
STEWART	Jefferson - 4701 Stewart Ln. - Louisville	SW1451
SMYRNA	Jefferson - 7000 Manslick Rd. - Louisville	SY1250
SMYRNA	Jefferson - 7000 Manslick Rd. - Louisville	SY1252
SMYRNA	Jefferson - 7000 Manslick Rd. - Louisville	SY1254
SMYRNA	Jefferson - 7000 Manslick Rd. - Louisville	SY1255
TAYLOR	Jefferson - 4488 Brownsboro Rd. - Louisville	TA1105
TAYLOR	Jefferson - 4488 Brownsboro Rd. - Louisville	TA1106
TAYLOR	Jefferson - 4488 Brownsboro Rd. - Louisville	TA1130

TAYLOR	Jefferson - 4488 Brownsboro Rd. - Louisville	TA1132
TAYLOR	Jefferson - 4488 Brownsboro Rd. - Louisville	TA1133
TAYLOR	Jefferson - 4488 Brownsboro Rd. - Louisville	TA1134
TAYLOR	Jefferson - 4488 Brownsboro Rd. - Louisville	TA1138
TAYLOR	Jefferson - 4488 Brownsboro Rd. - Louisville	TA1173
TERRY	Jefferson - 8408 Terry Ln. - Louisville	TE1243
TERRY	Jefferson - 8408 Terry Ln. - Louisville	TE1245
TERRY	Jefferson - 8408 Terry Ln. - Louisville	TE1247
TERRY	Jefferson - 8408 Terry Ln. - Louisville	TE1248
VERMONT	Jefferson - Rear 529 Southwestern Pkwy - Louisville	VE0001
WESTERN	Jefferson - 2807 W Broadway - Louisville	WE0002
WESTERN	Jefferson - 2807 W Broadway - Louisville	WE0004
WESTERN	Jefferson - 2807 W Broadway - Louisville	WE0006
WHAS	Jefferson - 1310 Flat Road Rd. - Louisville	WH1115
WORTHINGTON	Jefferson - 10300 Ballardsville Rd. - Louisville	WO1177
WORTHINGTON	Jefferson - 10300 Ballardsville Rd. - Louisville	WO1182
WORTHINGTON	Jefferson - 10300 Ballardsville Rd. - Louisville	WO1183
WATERSIDE	Jefferson - 221 North Third St. - Louisville	WS1305
WATERSIDE	Jefferson - 221 North Third St. - Louisville	WS1308
WATERSIDE	Jefferson - 221 North Third St. - Louisville	WS1319
WATERSIDE	Jefferson - 221 North Third St. - Louisville	WS1322
WATTERSON	Jefferson - 5239 Bardstown Rd. - Louisville	WT1151
WATTERSON	Jefferson - 5239 Bardstown Rd. - Louisville	WT1152
WATTERSON	Jefferson - 5239 Bardstown Rd. - Louisville	WT1154
WATTERSON	Jefferson - 5239 Bardstown Rd. - Louisville	WT1212

**Circuit Location
(Town - Road - General Area)**

Louisville - Ashby Ln & Bethany Ln - W of Substation
Louisville - Dixie Hwy - N of Substation
Louisville - Valley Station Rd & 3rd St - E of Substation
Louisville - Torrington Rd & Derring Rd - S of Substation
Louisville - Shelbyville rd & Upton Ln - E of Substation
Louisville - Shelbyville Rd & SW of Substation
Louisville - Shelbyville Rd & Bellewood Rd - SW of Substation
Louisville - Shelbyville Rd - W of Substation
Louisville - Shelbyville Rd & N Beckley Station - NE of Substation
Louisville - W Hill St & S 10th St - N of Substation
Louisville - S 7th St - N of Substation
Louisville - Grade Ln - N of Substation
Louisville - Grade Ln - N of Substation
Louisville - Outer Loop - S of Substation
Brandenburg - E Broadway St - W of Substation
Brandenburg - State Hwy 1638 - E of Substation
Louisville - Robarus Ln - N of Substation
Louisville - Bishop Ln - N of Substation
Louisville - Pinewood Rd & Produce Rd - SE of Substation
Louisville - Bishop Ln & Gilmore Ln - SW of Substation
Louisville - Popular Level Rd & Preston Hwy - W of Substation
Louisville - S 1st St - N of Substation
Louisville - S Brook St & S Floyd St - E of Substation
Louisville - Breckenridge Ln - NW of Substation
Louisville - Browns Ln - SE of Substation
Louisville - Taylorsville Rd - S of Substation
Louisville - Browns Ln - NE of Substation
Louisville - Breckenridge Ln & Shelbyville Rd - NW of Substation
Louisville - Blankenship Rd & Plantside Dr. - S of Substation
Louisville - Watterson Way - N of Substation
Louisville - Portland Ave & S 20th St - S of Substation
Louisville - Portland Ave - W of Substation
Louisville - N 26th St - N of Substation
Louisville - Duncan St - E of Substation
Louisville - W Market St - W of Substation
Centerfield - W HWY 22 & Payton Way - SE of Substation
Centerfield - S Camedn Ln - S of Substation
Centerfield - Elder Park Rd - NE of Substation
Louisville - Pindell Ave - S of Substation
Louisville - Eastern PKY - W of Substation
Louisville - Lexington Rd, E Jefferson St, & E Muhammad Ali Blvd - W of Substation
Louisville - Frankfort Ave, Clifton Ave, & Ewing Ave - E of Substation
Louisville - Brownsboro Rd, Hite Ave, Birchwood Ave, & Cleveland Blvd - NE of Substation
Louisville - Mellwood Ave, Shiloh Ave, & River Rd - N of Substation

Louisville - Payne St, Spring St, & Story Ave - W of Substation
Louisville - Mellwood Ave, River Rd, & River Green Cir - N of Substation
Louisville - Payne St, Spring St, & Story Ave - W of Substation
Louisville - Collins Ln, Westport Rd, & Northumberland Dr - N of Substation
Louisville - La Grange Rd, Reamers Rd, & Chamberlain Ln - E of Substation
Shepherdsville - Buckman St & N Preston Hwy - N of Substation
Louisville - Portland Ave, 24th St, & Northwestern Pky - W of Substation
Crestwood - Floydsburg Rd - NW of Substation
Crestwood - W HWY 146, Glenarm Rd, & Fox Run Rd - N of Substation
Crestwood - HWY 329, I 71, Covered Bridge Rd, & Halls Hill Rd - N of Substation
Louisville - S Preston St, S Floyd St, E KY St, & 3rd St - W of Substation
Louisville - Jackson St, Jacob St, Floyd St, & 1st St - NW of Substation
Louisville - Bardstown Rd, Landor Ave, & Wood Creek Rd - NE of Substation
Louisville - Gardiner Ln, I 265 E, & Newburg Rd - SW of Substation
Louisville - Bardstown Rd, & Village Dr - NW of Substation
Louisville - Bardstown Rd, Doup Ave, Taylorsville Rd, & Millvale Rd - N of Substation
Louisville - Bon Air Ave, Gardiner Ln, & Goldsmith Ln - E of Substation
Louisville - River Park Dr, S 41st St, & W Broadway - W of Substation
Louisville - Magazine St, S 28th St, W KY St, & Grand Ave - E & S of Substation
Louisville - Magazine St, S 30th St, & W Broadway - E of Substation
Louisville - Dumesnil St, W Magnolia Ave, & S 13th St - S & E of Substation
Louisville - Dixie Hwy, Ralph Ave, & Fitzgerald Rd - SW of Substation
Louisville - S 9th St, W Kentucky St, & S 8th St - SW of Substation
Louisville - Old Shephardsville Rd, Bardstown Rd, & Bray Ave - N of Substation
Louisville - Shepherdsville Rd, Bashford Ave, & Buechel Bank Rd - NE & SE of Substation
Louisville - Newburg Rd & Goldsmith Ln - NW of Substation
Louisville - Newburg Rd, E Indian Trl, & Poplar Level Rd - SW of Substation
Louisville - Shepherdsville Rd, Rural Way, & Rangeland Rd - S of Substation
Louisville - Gilliland Rd, Shelbyville Rd, & Long Run Rd - E & SW of Substation
Simpsonville - Liberty Ave, Johnson Rd, & Aiken Rd- N & NW of Substation
Louisville - Kramers Ln, Campground Rd, & Lees Ln - SW of Substation
Louisville - Cane Run Rd & Lees Ln - SW of Substation
Louisville - Farnsley Rd & Burrell Dr - E of Substation
Louisville - Springhurst Blvd & Champion Farms Dr - N of Substation
Louisville - Springhurst Blvd, Fischer Pard Dr, & I 265 S - NE of Substation
Louisville - Springhurst Blvd & N Hurstbourne PKY - NW of Substation
Louisville - Westport Rd & Chamberlain Ln - NE of Substation
Louisville - Floyd St, Burnett Ave, & Shelby St - E of Substation
Louisville - Floyd St, Warnock St, & Crittenden Dr - SE of Substation
Louisville - S Floyd St & Crittenden Dr - S of Substation
Louisville - S Floyd St, W Cardinal Blvd, & S Brook St - N & S of Substation
Louisville - Fairmount Rd, Back Run Rd, & Dawson Hill Rd - E of Substation
Louisville - Bardstown Rd & Stone Breaker Rd - NNW of Substation
Louisville - N 44th St & Bank St - N of Substation
Louisville - N 44th St, W Market St, & Fontaine Landing Ct - SW of Substation
Louisville - Duncan St & N Longworth Ave - W of Substation
Louisville - Preston Hwy, Loretta St, & Ulrich Ave - NW of Substation

Louisville - Industrial Blvd, Grade Ln, & Knopp Ave - W of Substation
Louisville - Preston Hwy, Minor Ln, & Rossmoor Dr - SE of Substation
Louisville - Old/Fern Valley Rd, & Industrial Blvd - W of Substation
Louisville - Forest Dr, E Indian Trail, Poplar Level Rd, & Taylor Ave - NNW of Substation
Louisville - Catalpa St, Woodland Ave, & Hemlock St - NE of Substation
Louisville - Wilson Ave - SW of Substation
Louisville - Southern Ave & S 32nd St - NW of Substation
Louisville - Greenwood Ave, S 28th St, Virginia Ave, & S 26th St - E of Substation
Louisville - Louis Coleman Jr Dr, Virginia Ave, & Kirby Ave - S of Substation
Louisville - Louisville Coleman Jr Dr - N of Substation
Louisville - Greenwood Ave & S 38th St - W of Substation
Louisville - S 32nd St - S of Substation
Louisville - Goss Ave - E of Substation
Louisville - Reasor Ave, E Burnett Ave, & Texas Avenue - SW of Substation
Louisville - Bells Ln, Wilson Ave, & Millers Ln - E of Substation
Louisville - Stratton Ave, Louis Coleman Jr Dr, & Grand Ave - NE of Substation
Louisville - S 41st St & Bells Ln - SW of Substation
Louisville - Dixie Hwy, Osage Ave, Grand Ave, & Date St - N of Substation
Louisville - Dixie Hwy, Hale Ave, Dumesnil St, & St Louis Ave - S of Substation
Louisville - Hurstbourne Pky, Taylorsville Rd, & Stony Brook Dr - W of Substation
Louisville - Old Hickory Rd, Taylorsville Rd, College Dr, & Rown Tree Rd - S of Substation
Louisville - Frankfort Ave, Birchwood Ave, & Brownsboro Rd - W of Substation
Louisville - Grinstead Dr, Lexington Rd, & Alta Vista Rd - S of Substation
Louisville - Lexington Rd, Cannons Ln, & Old Cannons Ln - SE of Substation
Louisville - Hillcrest Ave, Zorn Ave, & River Rd - N of Substation
Louisville - Hillcrest Ave & Zorn Ave - N of Substation
Louisville - Stilz Ave, Lexington Rd, & Alta Vista Rd - S & E of Substation
Louisville - Amy Ave, W Market St, 39th, 40th, 41st, & 42nd St - NW of Substation
Louisville - 38th St, Amy Ave, & W Muhammad Ali Blvd - N & SW of Substation
Louisville - Bardstown Rd, Alta Ave, & Speed Ave - E of Substation
Louisville - Fernwood Ave, Norris Pl, Dundee Rd, & Newburg Rd - S of Substation
Louisville - Stevens Ave, Baxter Ave, Barret Ave & Winter Ave - W of Substation
Louisville - Bardstown Rd, Grinstead Dr, Baxter Ave, & Payne St - NW of Substation
Louisville - US 42, Hunting Creek Dr, & Westover Dr - NE of Substation
Louisville - US 42, Marina Dr, & Seminary Dr - S of Substation
Louisville - Timber Bridge Dr & Fox Harbor Rd - E of Substation
Louisville - River Rd, Shirley Ave, & Duroc Ave - N of Substation
Goshen - Goshen Ln - NW of Substation
Goshen - US 42, Harmony Landing Rd, & Hwy 1793 - W & SW of Substation
Goshen - Meadowridge Trl, Hwy 1793, & Rose Island Rd - W of Substation
Goshen - US 42 & Buckeye Ln - NE of Substation
Louisville - Shelby St, E Broadway, Baxter Ave, & Cherokee Rd - NE of Substation
Louisville - Shelby St, Logan St, & Barrett Ave - E & S of Substation
Louisville - S Preston St, E Broadway, S Shelby St, & E Madison St - N of Substation
Louisville - Lower Hunters Trace, Terry Rd, & Mt Everest Dr - ESE of Substation
Louisville - Cane Run Rd & Distribution Dr - S of Substation
Louisville - Ramblin Creek Rd, Rehl Rd, & Pope Lick Rd - NE of Substation

Louisville - Taylorsville Rd, Old Routt Rd, & Taylorsville Lake Rd - SE of Substation
West Point - Weavers Run & Dixie Hwy - W of Substation
Louisville - Kenwood Dr, Homestead Dr, & Southside Dr - SW of Substation
Louisville - Southside Dr, 3rd St, & W Kenwood Way - N of Substation
Louisville - Shelby St, E Oak St, & Bergman St - N & S of Substation
Louisville - E Oak St, Reutlinger Ave, & Ellison Ave - SE of Substation
Louisville - Logan St, E Kentucky St, & Swan St - NE of Substation
Louisville - Logan St, Goss Ave, & Charles St - SE of Substation
Louisville - Shelby St - NE & SE of Substation
Louisville - Preston St & Miller Ave - S of Substation
Louisville - Barbee Ave, Crittenden Dr, Warnock St, & Floyd St - W of Substation
Louisville - Preston St & Gernert Ct - NW of Substation
Bellemeade - Old Whipps Mill Rd, Dorchester Rd, & Shelbyville Rd - S & SE of Substation
Louisville - Ormsby Ln & LaGrange Rd - NE of Substation
Lyndon - New La Grange Rd, La Grange Rd, Whipps Mill Rd - N & NE of Substation
Louisville - Ormsby Ln, Westport Rd, & Colonel Dr - N of Substation
Louisville - New La Grange Rd - NW of Substation
Louisville - Whipps Mill Rd, Ormsby Station Rd, & Shelbyville Rd - NE of Substation
Louisville - Ormsby Ln, Herr Ln, & Graymoor Rd - NW of Substation
Louisville - New La Grange Rd & Willow Springs Dr - E & SW of Substation
Louisville - Railroad Ave, Lyndon Ln, & Westport Rd - W of Substation
Louisville - Dixie Hwy, Pendleton Rd, & Blevins Gap Rd - NE of Substation
Louisville - Watson Ln, Galston Blvd, & Dixie Hwy - NE & S of Substation
Louisville - Clay St, E Main St, & River Rd - N of Substation
Louisville - Chestnut St, Quest Dr, & Muhammad Ali Blvd - NE of Substation
Louisville - W Broadway, 15th St, Garland Ave, & 16th St - SW of Substation
Louisville - 15th St, Cedar St, Chestnut St, 18th & 19th St - NW of Substation
Louisville - W Broadway - S of Substation
Louisville - 12th St, W Kentucky St, & W Oak St - S of Substation
Louisville - W Broadway & S 9th St - SE of Substation
Louisville - W Broadway, 9th St, 8th St, 7th St, & 5th St - SE of Substation
Louisville - Greyling Dr and Blevins Gap Rd - SW of Substation
Louisville - Outer Loop, New Cut Rd, & Scottsdale Blvd - NE of Substation
Louisville - 3rd St Rd, Christland Rd, & Manslick Rd - N of Substation
Louisville - Outer Loop & National Tpke - NE of Substation
Louisville - Mud Ln, Blue Lick Rd, Vanguard Dr & Caven Ave - NW of Substation
Louisville - Christman Dr, Mount Washington Rd, & Cedar Creek Rd - E of Substation
Louisville - Preston Hwy, Lees Ln, Rogers Ave, & Zoneton Rd - S of Substation
Louisville - Preston Hwy, Interchange Dr, & Commerce Crossings Dr - NW of Substation
Louisville - Preston Hwy, Hebron Ln, & Bells Mill Rd - S of Substation
Louisville - Holgate Dr, 1st, 2nd, & 3rd St - SE of Substation
Louisville - Wisteria Landing Cir, Beargrass Ave, Bardstown Rd & Fegenbush Ln - SW of Substation
Louisville - Nachand Ln, Watterson Trl, & Hurstbourne Pky - SE of Substation
Louisville - Six Mile Ln, Raintree Dr, & Stony Brook dr - NE of Substation
Louisville - Nelson Miller Pky & Eastpoint Pky - WNW of Substation
Louisville - Eastpoint Pky & Nelson Miller Pky - NW of Substation
Louisville - Outer Loop, Robbs Ln, & Monaco Dr - E of Substation

Louisville - Outer Loop, Shepherdsville Rd, & Applegate Ln - E of Substation
Louisville - Preston Hwy, St. Rita Dr, & High School Dr - S of Substation
Louisville - Blue Lick Rd & Freedom Way - S of Substation
Louisville - Jackson St, Oak St, & Preston St - N of Substation
Louisville - E Ormsby Ave - E of Substation
Louisville - Shelbyville Rd, Lyndon Rd, & Hurstbourne Club Ln - E of Substation
Louisville - Shelbyville Rd, Oxmoore Ln, Bramton Rd, & Sherburn Ln - W of Substation
Louisville - Oxmoor Woods Pky, Linn Station Rd, & Hogarth Dr - SE of Substation
Louisville - Shelbyville Rd, New La Grange Rd, & Wood Rd - N of Substation
Louisville - Main St, 15th St, Rowan St, & Portland Ave - NW of Substation
Louisville - St. Andrews Church Rd & St. Anthonys Church Rd - NE of Substation
Louisville - Dixie Hwy, Pages Ln, & Maryman Rd - S of Substation
Louisville - Dixie Hwy, Lower Hunters Trace, & Flintlock Dr - N of Substation
New Albany - Bells Ln & Algonquin Pky - NE of Substation
New Albany - Campground Rd & Senn Rd - S of Substation
Louisville - Shelbyville Rd, Hurstbourne Pky, & Whittington Pky - NW of Substation
Louisville - Hurstbourne Pky & Whittington Pky - W of Substation
Louisville - 7th St, oak St, & 8th St - N of Substation
Louisville - Manslick Rd - S of Substation
Louisville - Nobel Pl, Dixie Hwy, & Appleton Ln - NW & SW of Substation
Louisville - Dixie Hwy, Ralph Ave, & Fitzgerald Rd - N of Substation of Substation
Louisville - 7th Street Rd, Arcade Ave, Taylor Blvd, & Berry Blvd - NE of Substation
Skylight - Hwy 42, Hwy 393, & Hwy 524 - NE of Substation
Louisville - Crittenden Dr, Phillips Ln, & Park Blvd - N & SE of Substation
Louisville - Crittenden Dr - NE of Substation
Louisville - Park Blvd & Floyd St - N of Substation
Louisville - Crittenden Dr, Strawberry Ln, & Mclean Ave - S of Substation
Louisville - 39th St, River Park Dr, & Louis Coleman Jr Dr - NE of Substation
Louisville - Broadway, 40th, 41st, 42nd, 43rd, & 44th St - W of Substation
Louisville - 3rd St & Ormsby Ave - N of Substation
Louisville - 3rd St - S of Substation
Louisville - 4th St & Hill St - W of Substation
Louisville - 3rd St & Lee St - S of Substation
Louisville - Farmers Ln, South Park Rd, & Minor Ln - NE & S of Substation
Louisville - Fairdale Rd, Mt Holly Rd, Mitchell Hill Rd, & Holsclaw Hill Rd - SW of Substation
Shepherdsville - Hwy 44, Blue Lick Rd, & Buckman St - E of Substation
Shepherdsville - HWY 44, Preston Hwy, & Old Preston Hwy - SE of Substation
Louisville - Gagel Ave, Hazelwood Ave, Bluegrass Ave, & Lonsdale Ave - E of Substation
Louisville - Rockford Ln, Imperial Ter, & Dover Rd - W of Substation
Louisville - Gagel Ave, Hazelwood Ave, Manslick Rd, & Brick Kiln Ln - E & SW of Substation
Louisville - Vaughn Mill Rd, Outer Loop & Fegenbush Ln - N of Substation
Louisville - Cooper Chapel Rd, McNeely Lake Dr, & Beulah Church Rd - SW & SE of Substation
Louisville - Vaughn Mill Rd, Outer Loop & Smyrna Rd - NW of Substation
Louisville - Manslick Rd, Beulah Church Rd, & Fegenbush Ln - NE of Substation
Louisville - Brownsboro Rd & Springcrest Dr - NE of Substation
Louisville - Blankenbaker Ln, Riviera Dr, & Woodside Rd - NW of Substation
Louisville - Hubbards Ln, Shelbyville Rd, & Browns Ln - S of Substation

Louisville - Brownsboro Rd, Country Ln, & Country Club Rd - W of Substation
Louisville - US 42 & Lime Kiln Ln - N of Substation
Louisville - Brownsboro Rd, Winding Bluff Trce, I264, & Blankenbaker Ln - NE of Substation
Louisville - Brownsboro Rd, Chenoweth Ln, Canoe Ln, & Wampum Rd - W of Substation
Louisville - Hubbards Ln, Rudy Ln, Massie Ave, & Westport Rd - S of Substation
Louisville - Terry Rd, Greenwood Rd, & Westbrook Rd - N of Substation
Louisville - Pages Ln, Poinsettia Dr, Greenwood Rd, & Feyhurst Dr - NE of Substation
Louisville - Cane Run Rd - W of Substation
Louisville - Greenbelt Hwy, Greenwood Rd, & Cane Run Rd - NW of Substation
Louisville - Southwestern Pky - N of Substation
Louisville - Broadway, Louis Coleman Jr Dr, & 35th St - W of Substation
Louisville - Broadway, 24th, 234d, 22nd, & Dr W J Hodge St - E of Substation
Louisville - 28th St, Chestnut St, 30th St, & 31st St - NW of Substation
Louisville - Flat Rock Rd, Polo Fields Ln, & Glen Lakes Dr - SW of Substation
Louisville - Ballardsville Rd, Murphy Ln, & Tazwell Dr - E of Substation
Louisville - Brownsboro Rd, Park Plaza Ave, & Ten Broeck Way - W of Substation
Louisville - Ballardsville Rd, Haunz Ln, & Hitt Ln - NE of Substation
Louisville - Main St, 1st St, Floyd St, & Bingham Way - E of Substation
Louisville - 3rd St & 1st St - S of Substation
Louisville - 3rd St, Jefferson St, 8th St, & Broadway - SW of Substation
Louisville - Main St, 13th St, Market St, 10th St, & Portland Ave - W of Substation
Louisville - Hurstbourne Pky, Watterson Trl, Ferndale Rd, & Johnson School Rd - S of Substation
Louisville - Bardstown Rd, Seatonville Rd, & Fern Creek Rd - SE of Substation
Louisville - Walt Lee Rd, Fairground Rd, Billtown Rd, & Easum Rd - E of Substation
Louisville - Stony Brook Dr, Guttenberg Rd, & Billtown Rd - NE of Substation

Total Circuit Length (Miles)	Average 2018 OMS Custs	Date of Last Circuit Trim (VM)	Animal	Construction	Lightning
17.3	1217	11/19/2016	0.5%	0.0%	0.0%
14.6	1223	11/26/2016	0.2%	0.0%	14.2%
26.5	1383	10/8/2016	0.0%	0.1%	0.5%
16.1	1629	11/23/2016	0.2%	0.0%	2.5%
39.9	2173	10/17/2015	4.2%	0.1%	0.0%
26.2	1569	3/7/2015	0.3%	0.0%	0.3%
21.5	1412	9/12/2015	0.0%	0.0%	3.7%
17.9	1368	10/31/2015	3.3%	0.0%	0.0%
35.5	1563	3/31/2012	0.0%	0.0%	71.2%
1.2	5	5/14/2016	0.0%	0.0%	0.0%
3.1	1699	5/14/2016	0.0%	0.0%	0.0%
6.2	55	9/5/2015	0.0%	0.0%	0.0%
1.9	25	9/5/2015	0.0%	0.0%	85.6%
8.6	57	9/5/2015	0.0%	0.0%	0.0%
14.7	836	8/6/2016	7.6%	21.9%	2.5%
47.3	561	8/6/2016	0.1%	0.0%	5.9%
2.3	64	4/15/2017	9.8%	0.0%	0.0%
2.8	129	4/15/2017	0.2%	0.0%	0.0%
8.9	958	4/15/2017	14.6%	0.6%	3.3%
8.9	66	4/15/2017	0.0%	0.0%	0.0%
14.0	1212	4/15/2017	0.3%	5.5%	0.0%
1.3	163	6/6/2010	0.0%	0.0%	0.0%
2.1	192	6/6/2010	0.0%	0.0%	0.0%
15.5	1996	9/23/2016	0.5%	3.7%	2.7%
23.7	2050	1/27/2017	0.5%	0.0%	0.0%
14.9	1864	7/30/2016	0.3%	0.0%	17.4%
2.0	308	3/25/2016	0.0%	16.9%	0.0%
3.6	337	5/13/2015	4.9%	0.0%	33.5%
8.5	97	6/30/2014	0.0%	0.0%	60.9%
13.8	845	9/23/2017	0.0%	0.0%	0.0%
4.4	2458	5/7/2016	0.0%	0.0%	0.0%
4.1	1091	5/7/2016	0.0%	0.0%	11.3%
3.4	664	5/7/2016	0.0%	0.0%	51.1%
3.7	604	5/7/2016	0.0%	0.0%	63.1%
2.5	387	5/7/2016	0.0%	0.0%	0.0%
57.2	987	11/8/2014	6.4%	0.0%	0.1%
60.7	1151	12/7/2016	1.0%	0.0%	0.1%
27.3	785	12/31/2008	3.8%	0.0%	0.0%
3.0	454	6/11/2016	0.0%	0.0%	0.0%
1.4	221	6/11/2016	0.0%	0.0%	0.0%
12.1	2449	1/17/2015	2.6%	0.3%	0.0%
3.1	646	1/23/2015	15.5%	0.0%	0.0%
10.7	2646	4/1/2015	4.6%	0.0%	2.0%
15.3	2070	4/1/2015	0.7%	0.0%	2.5%

1.5	3	12/12/2010	0.0%	0.0%	0.0%
5.4	77	12/12/2010	0.0%	0.0%	0.0%
1.5	5	12/12/2010	0.0%	0.0%	0.0%
16.6	1057	7/2/2016	1.7%	0.2%	0.0%
26.1	1114	7/11/2015	0.3%	0.0%	4.7%
8.4	241	3/4/2017	5.4%	0.6%	0.0%
2.1	265	5/7/2016	0.0%	0.0%	5.3%
0.3	45	1/17/2015	0.0%	0.0%	0.0%
48.8	1917	1/17/2015	0.0%	0.7%	0.0%
70.4	1164	8/8/2015	0.2%	0.0%	0.8%
5.3	753	4/25/2015	57.7%	0.0%	0.0%
4.2	64	4/25/2015	0.0%	0.0%	0.0%
7.5	943	6/30/2015	0.0%	0.3%	0.0%
14.0	1419	5/2/2015	0.6%	0.0%	0.5%
7.2	1450	6/30/2015	0.2%	0.0%	0.0%
10.9	1331	6/30/2015	0.6%	0.2%	18.8%
13.8	1644	5/2/2015	0.1%	0.0%	0.6%
2.3	2012	8/6/2016	0.0%	0.0%	0.0%
2.5	75	8/6/2016	0.0%	0.0%	0.0%
1.0	7	8/6/2016	0.0%	0.0%	0.0%
2.0	45	5/14/2016	0.0%	0.0%	0.0%
14.3	1538	2/21/2015	1.0%	0.0%	2.2%
0.6	30	2/12/2016	0.0%	0.0%	0.0%
5.7	626	7/7/2010	0.1%	0.0%	3.6%
9.9	798	12/31/2016	0.0%	0.0%	0.0%
7.2	1019	3/17/2017	0.0%	0.0%	14.4%
18.3	1553	3/17/2017	2.2%	0.2%	0.0%
13.1	1706	3/18/2017	0.2%	0.0%	70.9%
70.7	1713	6/11/2016	2.2%	0.0%	0.4%
25.4	639	5/28/2016	3.3%	0.0%	0.0%
17.2	903	6/10/2017	0.3%	0.0%	0.0%
18.1	2277	7/15/2017	0.1%	0.0%	0.0%
7.7	1019	7/15/2017	2.9%	0.0%	9.7%
5.8	364	9/9/2009	0.0%	0.0%	0.0%
3.9	76	9/9/2009	0.0%	0.0%	0.0%
15.8	805	3/25/2016	0.0%	0.0%	0.0%
8.1	544	3/25/2016	0.0%	0.6%	0.0%
3.9	1801	2/12/2016	0.0%	0.0%	0.0%
3.8	3089	2/12/2016	0.0%	0.0%	5.2%
3.7	426	2/12/2016	0.0%	0.0%	0.0%
2.2	7	2/12/2016	0.0%	0.0%	0.0%
33.9	782	6/17/2017	0.0%	0.0%	4.0%
31.9	2024	2/25/2017	1.3%	0.0%	14.8%
1.3	215	7/9/2016	0.0%	0.0%	0.0%
2.6	354	7/9/2016	0.0%	0.0%	0.0%
1.5	246	7/9/2016	5.9%	0.0%	0.0%
15.5	1839	4/15/2017	0.5%	0.1%	0.6%

8.5	208	4/1/2017	0.0%	0.0%	0.3%
6.1	447	4/15/2017	0.0%	0.0%	0.0%
2.4	11	1/12/2013	0.0%	0.0%	0.0%
10.8	95	1/12/2013	0.0%	0.0%	0.0%
2.9	451	5/2/2015	0.0%	0.0%	0.0%
0.1	15	5/2/2015	0.0%	0.0%	0.0%
4.8	496	5/2/2015	0.0%	0.0%	0.0%
4.1	718	3/26/2015	0.0%	0.0%	0.0%
4.1	570	3/26/2015	0.0%	0.0%	83.2%
1.1	153	3/26/2015	0.0%	0.0%	0.0%
1.3	224	3/26/2015	0.0%	0.0%	0.0%
2.3	174	6/4/2016	0.0%	0.0%	0.0%
0.4	40	4/25/2015	0.0%	0.0%	0.0%
3.3	689	4/25/2015	0.0%	0.0%	57.6%
5.8	1213	2/21/2015	0.0%	0.0%	0.0%
4.9	1718	2/21/2015	0.0%	0.0%	0.0%
1.2	4	2/21/2015	0.0%	0.0%	0.0%
3.4	655	6/18/2016	0.0%	0.0%	0.0%
2.8	575	6/18/2016	0.0%	0.0%	58.9%
19.8	2027	10/8/2011	2.2%	0.3%	0.9%
19.7	2241	1/30/2016	0.0%	0.0%	0.0%
7.4	1541	9/16/2016	1.9%	0.0%	11.9%
14.4	792	3/12/2016	1.0%	0.4%	14.9%
19.7	2300	7/2/2016	0.4%	0.0%	4.6%
20.9	1130	10/17/2015	0.3%	0.0%	5.8%
2.2	3	1/1/2009	0.0%	0.0%	0.0%
9.3	16	1/1/2009	0.0%	0.0%	7.2%
2.9	574	7/2/2016	0.0%	0.0%	0.0%
3.1	635	7/2/2016	0.0%	0.0%	0.0%
9.2	1848	3/1/2017	1.9%	0.0%	0.0%
14.6	2252	12/31/2016	3.8%	0.0%	2.8%
14.4	2664	12/31/2016	0.2%	0.0%	0.0%
5.8	338	12/8/2008	0.0%	0.0%	0.0%
27.8	1167	7/18/2014	0.0%	0.0%	0.5%
27.8	1406	12/18/2014	0.0%	0.0%	5.1%
10.4	427	12/18/2014	0.0%	0.8%	0.0%
10.9	589	12/18/2014	24.9%	0.0%	19.9%
14.1	381	7/30/2014	1.1%	0.0%	0.0%
51.2	1216	7/30/2014	5.8%	0.0%	2.7%
27.9	1298	11/18/2017	0.0%	0.0%	3.5%
31.6	494	11/10/2017	1.2%	0.0%	0.0%
6.2	1702	4/25/2015	1.0%	0.1%	36.5%
6.4	881	4/25/2015	4.5%	0.0%	0.0%
8.6	1205	4/25/2015	0.0%	1.2%	0.0%
33.1	2947	7/22/2017	0.1%	0.1%	23.0%
3.7	42	7/22/2017	0.0%	0.0%	0.0%
14.3	432	6/30/2014	0.4%	0.0%	5.8%

43.5	373	10/22/2016	0.0%	0.0%	7.1%
5.6	574	9/9/2009	0.0%	0.0%	0.0%
12.4	1433	3/18/2017	0.7%	0.0%	1.3%
6.0	732	3/18/2017	0.2%	0.0%	0.0%
2.5	501	4/25/2015	0.0%	0.0%	0.0%
1.7	361	4/25/2015	0.0%	0.0%	0.3%
1.4	285	4/25/2015	0.0%	0.0%	0.0%
3.0	714	4/25/2015	0.0%	0.0%	0.0%
3.0	532	4/25/2015	0.0%	0.0%	0.0%
2.6	482	4/25/2015	0.0%	0.0%	0.0%
3.4	438	4/25/2015	0.0%	0.0%	0.0%
2.2	495	4/25/2015	0.0%	0.0%	0.1%
5.9	428	6/3/2016	0.3%	0.2%	8.0%
9.5	803	4/20/2018	0.4%	0.0%	0.0%
16.9	1905	3/31/2017	2.3%	0.0%	11.4%
21.0	1906	6/24/2016	0.4%	0.2%	6.5%
2.1	385	6/3/2016	100.0%	0.0%	0.0%
14.4	533	3/31/2017	0.0%	0.0%	0.0%
24.6	2149	5/27/2016	4.1%	0.0%	0.2%
1.9	176	6/3/2016	0.0%	0.0%	0.0%
19.3	2243	10/11/2014	0.5%	0.0%	23.2%
61.8	2604	2/4/2017	0.3%	0.0%	0.0%
20.3	1271	1/8/2016	0.2%	0.0%	4.6%
8.8	429	1/17/2015	0.0%	0.0%	0.0%
3.2	329	2/12/2016	0.0%	0.0%	0.0%
4.3	384	2/12/2016	0.0%	0.0%	0.0%
4.9	717	2/12/2016	0.0%	0.0%	0.0%
0.8	30	2/12/2016	0.0%	0.0%	0.0%
2.5	59	2/12/2016	0.0%	0.0%	76.8%
0.8	3	2/12/2016	0.0%	0.0%	0.0%
4.5	127	2/12/2016	0.0%	0.0%	52.2%
21.5	427	2/12/2019	0.0%	0.0%	0.0%
19.0	1769	10/7/2017	0.2%	0.0%	0.0%
17.2	1733	5/4/2013	0.4%	0.0%	2.6%
8.3	583	10/7/2017	4.4%	0.0%	0.0%
28.7	2511	3/18/2017	0.3%	0.0%	8.6%
46.6	2252	9/5/2015	0.0%	0.0%	0.0%
23.8	1480	12/31/2013	1.4%	0.1%	0.0%
12.5	430	11/21/2015	0.0%	0.0%	0.0%
36.0	1567	10/14/2015	0.9%	0.0%	0.2%
6.4	813	10/10/2015	0.6%	0.3%	2.7%
22.9	2296	3/31/2017	0.3%	0.2%	0.0%
19.2	1561	5/31/2017	0.0%	0.0%	0.0%
19.9	1388	3/31/2017	0.2%	0.0%	0.0%
7.7	197	Underground Circuit	0.0%	0.0%	0.0%
7.3	83	Underground Circuit	0.0%	0.0%	0.0%
11.0	952	2/20/2016	0.6%	0.3%	0.0%

18.5	1660	4/2/2016	3.2%	9.2%	4.2%
9.4	790	2/20/2016	0.0%	0.0%	40.0%
9.2	1073	4/2/2016	5.8%	2.4%	0.0%
2.5	576	6/24/2010	0.0%	1.3%	0.0%
0.4	119	6/6/2010	0.0%	0.0%	0.0%
25.6	1943	6/22/2012	0.0%	0.6%	1.6%
19.5	2273	6/30/2015	0.1%	0.0%	0.3%
13.6	552	5/27/2016	3.9%	0.0%	0.0%
12.9	1462	6/3/2016	1.0%	0.0%	0.0%
5.3	551	4/7/2016	0.0%	0.0%	0.9%
24.3	2474	5/16/2014	4.6%	0.0%	0.1%
27.7	2015	6/27/2014	0.2%	0.0%	0.2%
13.6	1352	9/13/2014	0.0%	0.0%	16.8%
2.2	1	2/21/2015	0.0%	0.0%	0.0%
4.7	5	2/21/2015	0.0%	0.0%	0.0%
4.9	241	10/24/2015	0.3%	0.1%	0.0%
6.8	811	10/24/2015	36.4%	0.0%	27.4%
1.8	329	2/2/2016	0.0%	47.6%	0.0%
9.1	1295	8/12/2017	21.8%	0.0%	11.8%
8.2	1116	8/12/2017	1.2%	0.0%	0.0%
3.5	21	9/28/2013	0.0%	0.0%	0.0%
5.3	7	9/28/2013	0.0%	0.0%	0.0%
150.2	1402	1/30/2014	0.1%	0.0%	0.0%
7.2	132	9/16/2017	1.3%	0.6%	0.2%
1.4	11	9/18/2013	0.0%	0.0%	0.0%
1.5	4	9/18/2013	0.0%	0.0%	0.0%
2.3	6	9/18/2013	0.0%	0.0%	0.0%
3.9	649	8/6/2016	0.0%	0.0%	0.0%
2.7	617	8/6/2016	0.0%	0.0%	0.0%
2.6	688	1/30/2016	0.0%	0.0%	38.1%
2.0	173	1/30/2016	0.0%	0.0%	0.0%
1.6	707	1/30/2016	0.0%	0.0%	0.0%
2.5	536	1/30/2016	0.0%	0.0%	28.1%
9.5	530	4/20/2013	1.0%	3.2%	0.2%
41.5	2088	11/21/2015	0.4%	0.0%	0.1%
9.7	951	3/4/2017	39.2%	0.0%	41.2%
16.4	943	3/4/2017	4.6%	0.1%	0.1%
13.9	2015	10/5/2013	0.5%	0.0%	1.6%
14.0	1856	11/14/2014	13.0%	0.0%	0.0%
10.6	36	11/14/2014	0.0%	0.0%	0.0%
26.8	1884	6/27/2014	0.1%	0.0%	0.0%
35.2	2329	4/1/2014	3.9%	0.0%	0.0%
17.0	1199	10/26/2013	0.3%	0.1%	0.0%
31.8	2682	4/26/2014	0.2%	0.0%	0.2%
24.9	1482	12/21/2015	3.1%	0.0%	0.0%
40.9	1220	3/12/2016	0.0%	0.0%	0.0%
14.1	1796	3/30/2015	0.4%	0.2%	2.0%

9.8	545	9/16/2016	0.1%	0.0%	1.6%
32.2	1143	10/17/2015	0.1%	0.0%	5.5%
19.7	1132	3/18/2015	0.0%	0.0%	3.9%
11.7	569	10/4/2014	0.3%	0.0%	1.8%
24.9	1957	4/11/2015	0.1%	0.1%	0.1%
19.6	1701	12/3/2016	0.0%	0.1%	13.9%
23.7	2313	3/25/2017	0.0%	0.0%	0.0%
7.6	354	3/25/2017	0.0%	0.0%	5.7%
10.6	600	3/25/2017	0.0%	0.0%	0.0%
2.1	257	7/9/2016	0.0%	0.0%	0.0%
2.7	354	3/26/2016	0.0%	0.0%	0.0%
3.4	422	3/26/2016	0.0%	0.0%	0.0%
2.4	264	3/26/2016	0.0%	3.5%	0.0%
24.5	899	11/19/2016	1.9%	0.0%	0.2%
23.6	2076	7/1/2017	0.0%	0.0%	0.0%
18.5	973	8/18/2017	1.7%	0.0%	1.3%
36.6	1653	5/31/2017	0.1%	0.0%	0.0%
2.5	41	4/7/2016	0.0%	0.0%	0.0%
3.9	1	4/7/2016	0.0%	0.0%	0.0%
2.4	16	4/7/2016	0.0%	0.0%	0.0%
5.5	68	4/7/2016	0.0%	0.0%	0.0%
27.1	2605	6/17/2017	0.1%	0.0%	0.5%
26.6	2329	6/17/2017	0.9%	0.0%	0.2%
41.6	2530	8/5/2017	0.2%	0.0%	0.0%
24.9	1423	7/29/2017	0.0%	2.6%	0.0%

Non-Company	Other/Unknown	Overload	Planned Work	Trees	Vehicle	Utility Equipment	2014-2018 SAIDI Average	2018 SAIDI
0.0%	1.5%	0.0%	2.2%	82.2%	13.5%	0.1%	77.49	159.61
0.0%	0.1%	0.0%	0.2%	70.9%	13.6%	0.8%	104.16	307.11
0.0%	9.8%	0.0%	2.9%	82.3%	3.1%	1.2%	140.68	102.34
0.0%	16.4%	0.0%	0.4%	77.1%	1.0%	2.5%	52.83	34.08
0.0%	9.4%	0.0%	0.1%	80.7%	0.0%	5.5%	37.09	85.08
0.0%	2.2%	0.1%	5.8%	88.8%	0.6%	1.8%	63.74	68.13
0.0%	1.4%	0.0%	0.2%	80.7%	0.5%	13.7%	71.30	119.33
0.0%	1.3%	0.0%	0.1%	93.8%	0.0%	1.5%	76.17	75.41
0.0%	1.8%	0.0%	0.0%	24.8%	0.0%	2.2%	12.20	3.32
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	4.48	10.40
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	19.04	34.93
0.0%	21.7%	0.0%	73.4%	0.0%	0.0%	4.9%	114.81	149.32
0.0%	14.4%	0.0%	0.0%	0.0%	0.0%	0.0%	53.20	78.08
0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	56.70	144.62
0.0%	7.5%	5.7%	0.5%	53.7%	0.0%	0.7%	48.19	49.84
0.0%	21.1%	0.0%	0.2%	43.1%	0.0%	29.7%	350.19	642.57
0.0%	12.7%	0.0%	11.4%	0.0%	0.0%	66.1%	31.00	42.57
0.0%	43.2%	0.0%	0.0%	0.0%	0.0%	56.6%	18.09	42.21
0.0%	6.3%	0.0%	7.1%	4.6%	14.0%	49.5%	21.45	31.19
0.0%	34.2%	0.0%	59.6%	0.0%	0.0%	6.2%	25.06	23.21
0.0%	39.9%	0.0%	1.9%	34.8%	0.1%	17.5%	65.63	142.86
0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	29.17	26.67
0.0%	2.9%	0.0%	51.9%	0.0%	3.8%	41.4%	29.42	47.83
0.0%	1.9%	0.0%	1.4%	88.9%	0.1%	0.9%	148.34	199.02
0.0%	7.6%	0.0%	7.5%	83.7%	0.0%	0.6%	70.36	69.24
0.0%	9.7%	0.0%	5.5%	66.7%	0.0%	0.4%	85.33	129.23
0.0%	0.0%	0.0%	4.7%	78.4%	0.0%	0.0%	66.46	80.40
0.0%	59.0%	0.0%	2.3%	0.0%	0.0%	0.3%	37.59	88.62
0.0%	10.1%	0.0%	1.9%	0.0%	0.0%	27.1%	20.23	83.01
0.0%	0.2%	0.3%	0.0%	96.5%	0.0%	3.0%	14.69	37.30
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	75.32	291.89
0.0%	86.9%	0.0%	1.6%	0.0%	0.0%	0.2%	138.54	208.47
0.0%	0.9%	16.4%	4.0%	13.6%	4.6%	9.3%	49.04	60.67
0.0%	2.0%	0.0%	0.7%	7.9%	26.1%	0.2%	54.41	109.80
0.0%	5.4%	0.0%	3.8%	82.2%	0.0%	8.6%	64.17	88.69
0.0%	7.8%	0.0%	0.1%	79.9%	1.3%	4.4%	135.19	190.55
0.0%	0.8%	0.0%	1.0%	64.3%	0.0%	32.8%	82.30	92.15
0.0%	19.2%	0.0%	0.5%	75.5%	0.0%	1.0%	175.16	181.46
0.0%	3.4%	1.1%	0.7%	51.0%	0.0%	43.8%	47.72	60.97
0.0%	0.0%	0.0%	0.3%	92.6%	0.0%	7.0%	44.66	52.18
0.0%	9.1%	26.2%	1.1%	0.8%	1.8%	58.2%	64.71	113.25
0.0%	10.1%	0.0%	0.9%	0.0%	61.4%	12.2%	29.20	39.85
0.0%	10.0%	0.0%	0.1%	80.1%	0.0%	3.2%	81.62	180.87
0.0%	11.1%	0.0%	0.9%	80.9%	0.0%	4.0%	61.84	110.46

0.0%	0.0%	0.0%	0.0%	0.0%	75.6%	24.4%	32.90	71.75
0.0%	0.5%	0.0%	15.4%	0.0%	0.0%	84.2%	137.40	119.10
0.0%	43.0%	0.0%	0.0%	0.0%	0.0%	57.0%	64.67	31.60
0.0%	22.2%	0.0%	0.2%	67.0%	0.0%	8.7%	16.48	67.87
0.0%	5.5%	0.0%	0.2%	87.8%	0.1%	1.5%	34.93	77.19
0.0%	52.7%	0.0%	1.7%	6.4%	33.1%	0.0%	107.77	243.83
0.0%	0.0%	0.0%	2.0%	92.2%	0.0%	0.4%	35.14	47.08
0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	22.12	59.73
0.3%	67.0%	0.0%	0.1%	28.3%	0.3%	3.2%	89.08	89.75
0.1%	33.3%	0.0%	0.1%	37.9%	26.9%	0.7%	108.31	244.65
0.0%	0.4%	0.0%	0.2%	41.3%	0.0%	0.3%	71.67	4.61
0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	71.27	171.56
1.4%	1.2%	0.0%	0.6%	64.7%	0.0%	31.8%	43.89	45.64
0.0%	27.0%	0.0%	1.5%	23.7%	0.5%	46.2%	91.45	111.55
0.1%	8.0%	0.0%	0.3%	37.0%	0.1%	54.4%	142.41	216.29
0.0%	27.9%	0.0%	4.4%	47.5%	0.0%	0.6%	155.28	212.63
0.0%	66.5%	0.0%	0.3%	30.0%	0.0%	2.6%	119.41	114.66
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	10.94	51.67
16.5%	83.5%	0.0%	0.0%	0.0%	0.0%	0.0%	166.47	236.34
35.7%	0.0%	0.0%	0.0%	0.0%	0.0%	64.3%	96.81	247.75
0.0%	0.0%	0.0%	2.2%	52.0%	0.2%	45.6%	39.27	122.57
0.0%	53.9%	0.0%	2.9%	20.9%	18.6%	0.5%	48.54	75.67
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	21.75	30.68
0.0%	1.8%	0.0%	1.1%	87.3%	0.0%	6.1%	73.77	87.73
0.0%	0.0%	0.0%	1.0%	25.7%	26.6%	46.6%	63.36	122.44
0.0%	1.2%	0.0%	1.2%	36.0%	0.0%	47.1%	70.16	97.43
0.0%	51.8%	0.0%	34.6%	6.5%	0.6%	4.1%	29.23	29.30
0.0%	10.3%	7.1%	0.2%	1.0%	0.0%	10.3%	52.82	54.60
0.0%	4.4%	0.0%	4.5%	79.5%	0.0%	9.0%	67.34	118.34
0.0%	21.8%	0.0%	3.1%	70.5%	0.0%	1.3%	49.67	108.96
0.0%	11.5%	0.0%	0.0%	78.3%	0.0%	9.9%	56.47	8.51
0.0%	15.1%	0.0%	3.1%	76.4%	1.3%	4.0%	27.76	28.85
0.0%	0.5%	0.0%	0.1%	85.6%	0.0%	1.2%	26.87	41.35
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	30.75	153.74
0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	20.82	104.09
0.0%	26.3%	0.0%	6.8%	0.0%	0.0%	66.9%	13.77	23.34
0.0%	67.1%	0.0%	0.0%	0.0%	0.0%	32.3%	97.91	65.59
0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	110.32	1.00
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	94.8%	28.77	37.88
0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	99.8%	73.29	228.67
0.0%	19.2%	0.0%	0.0%	0.0%	0.0%	80.8%	25.51	57.25
0.0%	17.8%	0.0%	0.5%	76.5%	0.0%	1.2%	30.72	33.15
0.0%	0.5%	0.0%	0.9%	47.8%	0.0%	34.7%	40.09	116.17
0.0%	2.3%	0.0%	0.0%	35.5%	0.0%	62.2%	10.21	17.49
0.1%	11.3%	0.0%	0.0%	84.8%	0.0%	3.8%	40.26	20.77
0.0%	2.2%	4.7%	0.7%	64.7%	0.0%	21.8%	62.71	115.93
0.0%	2.1%	0.0%	3.4%	77.1%	14.7%	1.5%	38.67	82.62

0.0%	14.5%	0.0%	8.5%	65.3%	2.5%	9.0%	71.36	119.17
0.0%	2.4%	0.0%	0.4%	93.2%	0.0%	3.9%	59.98	127.80
0.0%	23.6%	0.0%	0.0%	0.0%	76.4%	0.0%	57.80	119.27
1.0%	47.5%	0.0%	0.5%	0.0%	0.0%	51.0%	219.73	311.60
0.0%	0.1%	0.0%	2.9%	49.5%	0.0%	47.6%	71.85	200.58
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	33.00	165.00
0.0%	35.9%	0.0%	0.2%	1.6%	0.0%	62.3%	60.41	213.33
0.0%	2.8%	0.0%	8.3%	0.0%	56.2%	32.7%	17.54	34.79
0.0%	12.9%	0.0%	0.3%	0.0%	0.0%	3.6%	24.71	7.83
0.0%	2.2%	8.9%	25.7%	44.7%	0.0%	18.6%	21.91	84.68
0.0%	15.6%	0.0%	13.5%	62.2%	4.7%	4.0%	24.47	87.69
0.0%	18.7%	0.0%	10.9%	28.0%	0.0%	42.4%	104.28	89.30
0.0%	0.0%	0.0%	8.6%	0.0%	0.0%	91.4%	40.40	112.66
0.0%	20.5%	0.0%	17.1%	4.8%	0.0%	0.0%	24.86	37.48
0.0%	15.7%	0.0%	0.0%	0.0%	0.0%	84.3%	107.71	225.87
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	62.92	131.91
0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	60.48	119.00
0.0%	69.1%	0.8%	5.6%	18.5%	0.0%	6.0%	31.88	118.46
0.0%	22.8%	0.0%	18.3%	0.0%	0.0%	0.0%	20.94	21.30
0.1%	12.4%	0.0%	1.6%	79.9%	0.0%	2.5%	19.59	37.02
0.0%	5.1%	0.0%	33.9%	55.1%	0.0%	5.9%	52.73	53.68
0.0%	3.4%	0.0%	1.3%	78.0%	1.9%	1.7%	44.27	58.68
0.0%	65.4%	0.0%	0.5%	14.6%	0.0%	3.2%	40.80	46.21
0.0%	28.9%	0.0%	0.7%	58.1%	0.0%	7.4%	187.92	547.36
0.0%	6.7%	0.0%	0.5%	81.6%	2.7%	2.4%	203.29	282.35
0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	62.80	314.00
0.0%	2.1%	0.0%	0.0%	90.7%	0.0%	0.0%	14.33	13.20
0.0%	0.0%	0.0%	0.9%	88.7%	0.0%	10.3%	32.68	46.72
0.0%	5.9%	0.0%	14.6%	72.7%	0.0%	6.8%	29.52	37.72
0.0%	22.0%	0.0%	30.2%	41.3%	0.0%	4.6%	94.80	145.35
0.0%	0.7%	0.0%	6.5%	77.1%	0.0%	9.1%	46.13	51.71
0.0%	0.1%	0.0%	0.7%	94.6%	0.5%	3.8%	61.70	65.13
0.0%	4.8%	0.0%	95.2%	0.0%	0.0%	0.0%	97.52	133.26
0.0%	6.7%	0.0%	1.2%	82.1%	0.0%	9.4%	57.69	145.46
0.0%	10.3%	0.0%	0.2%	78.1%	0.0%	6.3%	169.40	178.65
0.0%	0.0%	0.0%	0.1%	28.5%	0.0%	70.7%	98.25	151.25
0.0%	0.7%	0.0%	0.2%	51.9%	0.0%	2.4%	10.61	14.37
0.0%	8.5%	0.0%	1.2%	86.3%	1.1%	1.7%	20.08	18.78
5.4%	27.8%	2.2%	1.7%	53.1%	0.0%	1.3%	74.41	108.08
0.0%	5.1%	0.0%	3.9%	84.6%	0.0%	2.8%	202.34	305.50
0.0%	42.8%	0.0%	4.3%	23.1%	0.0%	28.6%	220.75	103.78
0.0%	0.1%	0.0%	19.4%	38.4%	0.0%	4.5%	44.23	50.05
21.0%	35.1%	0.0%	5.3%	26.9%	0.0%	7.3%	60.68	119.99
0.0%	27.6%	0.0%	2.6%	0.0%	0.0%	68.7%	29.49	60.95
0.0%	2.4%	0.0%	0.7%	72.7%	0.0%	0.9%	46.27	34.66
0.0%	0.0%	0.0%	0.0%	0.0%	88.6%	11.4%	47.61	152.70
0.0%	3.7%	0.0%	4.9%	62.6%	22.0%	0.5%	61.50	135.75

0.0%	13.2%	0.0%	0.0%	75.1%	0.0%	4.5%	52.56	118.19
0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.00	70.00
0.0%	2.2%	0.0%	1.1%	77.9%	0.4%	16.3%	36.83	47.08
0.0%	6.2%	0.0%	1.1%	92.5%	0.0%	0.0%	43.52	65.01
0.0%	10.3%	0.0%	13.0%	1.5%	0.0%	75.2%	34.75	66.13
0.0%	53.0%	0.0%	44.8%	0.0%	0.0%	1.8%	26.51	70.31
0.0%	43.8%	0.0%	56.2%	0.0%	0.0%	0.0%	44.45	75.32
0.0%	6.2%	0.0%	7.6%	13.7%	0.0%	72.5%	57.28	243.80
0.0%	3.6%	0.0%	20.6%	75.5%	0.0%	0.2%	34.29	50.51
0.0%	54.3%	0.0%	45.7%	0.0%	0.0%	0.0%	33.07	74.14
0.0%	0.0%	9.1%	68.3%	0.0%	0.0%	22.7%	22.44	57.47
0.0%	0.7%	0.0%	4.5%	79.2%	0.0%	15.5%	25.68	59.00
0.0%	1.7%	0.0%	0.2%	88.8%	0.0%	0.8%	83.85	161.13
0.0%	0.0%	6.8%	0.2%	89.7%	0.1%	2.8%	36.52	63.28
0.0%	0.9%	0.1%	0.3%	83.3%	0.0%	1.8%	73.94	113.81
0.0%	1.6%	0.0%	0.7%	71.4%	18.3%	0.9%	65.58	211.30
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.04	16.21
0.0%	0.4%	0.0%	0.2%	96.9%	0.0%	2.4%	92.52	83.73
0.0%	17.7%	0.0%	28.0%	48.9%	0.1%	0.9%	89.39	72.85
0.0%	5.6%	0.0%	0.0%	94.4%	0.0%	0.0%	42.09	55.15
0.0%	5.6%	0.0%	1.1%	42.4%	0.0%	27.3%	78.02	213.66
0.0%	1.6%	0.0%	0.5%	85.2%	12.0%	0.2%	154.29	197.23
0.0%	0.2%	0.0%	0.5%	67.3%	25.7%	1.5%	86.89	120.77
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	86.54	12.49
0.0%	13.0%	14.8%	0.0%	0.0%	0.0%	72.2%	98.13	384.95
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	90.57	129.18
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	84.20	116.61
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	21.90	59.67
0.0%	1.2%	0.0%	22.0%	0.0%	0.0%	0.0%	117.50	419.50
0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	56.90	80.00
0.0%	36.1%	0.0%	0.0%	1.2%	0.0%	10.5%	94.00	129.15
0.0%	11.0%	0.0%	11.0%	68.3%	0.0%	9.6%	415.70	987.30
6.6%	5.0%	0.0%	1.9%	61.0%	9.3%	16.0%	43.78	51.40
0.7%	35.2%	0.0%	0.8%	58.3%	0.0%	1.9%	36.94	49.78
0.0%	22.3%	0.0%	10.0%	1.6%	0.0%	61.7%	34.60	92.36
0.0%	4.1%	0.9%	0.4%	68.0%	0.0%	17.7%	88.57	176.49
0.0%	1.7%	0.0%	4.0%	70.8%	21.6%	1.8%	25.13	32.83
0.0%	0.6%	0.0%	47.8%	31.6%	0.0%	18.5%	81.17	184.02
0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	13.64	44.61
0.0%	26.7%	0.2%	0.1%	70.1%	0.0%	1.7%	54.23	85.00
0.0%	30.6%	0.0%	9.6%	40.5%	0.0%	15.7%	79.67	76.44
0.0%	2.2%	0.0%	0.1%	93.9%	0.0%	3.2%	79.32	89.76
0.0%	32.6%	0.0%	6.2%	0.4%	0.0%	60.8%	10.98	10.82
0.0%	4.1%	1.1%	3.0%	10.5%	0.0%	81.0%	41.72	88.66
0.0%	30.3%	0.0%	0.0%	0.0%	0.0%	69.7%	26.93	80.33
0.0%	0.0%	0.0%	1.2%	0.0%	0.0%	98.8%	45.23	165.31
0.0%	2.8%	0.0%	0.9%	91.3%	0.0%	4.1%	20.05	30.14

0.0%	11.6%	0.0%	1.9%	55.9%	0.0%	13.9%	42.91	49.28
0.0%	10.0%	0.0%	0.5%	49.4%	0.0%	0.1%	41.82	32.36
0.0%	8.5%	0.0%	3.9%	71.6%	4.6%	3.2%	51.62	75.42
0.0%	17.7%	0.0%	35.2%	41.7%	4.1%	0.0%	81.67	80.56
0.0%	0.0%	0.0%	50.6%	0.0%	0.0%	49.4%	11.78	56.68
0.0%	4.2%	0.0%	0.8%	47.3%	0.0%	45.4%	100.22	239.44
0.0%	11.4%	0.0%	0.0%	82.6%	0.0%	5.5%	119.55	150.23
0.0%	5.5%	0.0%	3.9%	53.1%	0.0%	33.6%	100.59	244.18
0.0%	6.8%	0.0%	0.3%	89.9%	0.0%	1.9%	96.08	153.86
0.0%	0.0%	0.0%	73.9%	21.2%	0.0%	4.0%	134.91	185.58
0.0%	4.9%	2.9%	4.1%	68.3%	0.0%	15.1%	42.80	62.57
0.0%	0.2%	0.0%	0.3%	86.5%	10.3%	2.3%	67.06	261.68
0.0%	7.7%	0.1%	0.1%	73.8%	0.9%	0.6%	43.67	52.42
0.0%	44.4%	0.0%	10.7%	0.0%	0.0%	45.0%	286.40	169.00
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	68.10	186.00
0.0%	0.1%	0.0%	3.5%	86.5%	0.0%	9.5%	47.24	60.36
0.0%	26.2%	0.0%	0.0%	0.0%	0.0%	9.9%	40.61	60.71
0.0%	0.0%	10.0%	31.8%	0.0%	0.0%	10.5%	13.83	19.76
0.0%	2.7%	0.0%	8.8%	38.2%	1.2%	15.5%	50.76	51.49
0.0%	9.1%	0.0%	0.1%	88.8%	0.4%	0.5%	48.41	80.78
0.0%	1.3%	0.0%	0.0%	69.3%	29.4%	0.0%	114.48	171.91
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	17.31	59.71
0.0%	12.8%	0.0%	2.4%	69.0%	0.0%	15.6%	353.92	518.60
0.0%	18.7%	0.0%	30.2%	0.0%	0.7%	48.3%	44.71	116.46
0.0%	27.2%	0.0%	11.0%	0.0%	0.0%	61.8%	66.69	181.75
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	30.58	144.50
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	67.34	150.00
1.2%	0.0%	0.0%	1.2%	79.2%	18.2%	0.2%	42.28	83.34
0.0%	1.0%	0.0%	57.0%	29.8%	0.0%	12.1%	15.79	38.86
0.0%	0.0%	0.0%	1.3%	37.2%	0.0%	23.5%	39.34	144.97
0.0%	10.5%	0.0%	0.0%	0.0%	0.0%	89.5%	52.75	23.93
5.5%	4.4%	0.0%	85.1%	0.0%	0.0%	5.0%	12.68	16.59
0.0%	0.0%	3.2%	39.5%	0.0%	0.0%	29.1%	24.77	103.47
0.0%	30.5%	0.0%	5.0%	59.4%	0.1%	0.6%	102.68	93.39
0.0%	45.6%	1.2%	0.3%	48.6%	0.0%	3.7%	159.23	169.95
0.0%	0.1%	0.0%	0.9%	0.0%	0.0%	18.6%	52.68	53.01
0.0%	47.8%	0.0%	5.8%	0.8%	31.4%	9.5%	75.07	110.64
0.0%	6.9%	0.0%	0.5%	89.6%	0.0%	0.9%	104.70	314.78
0.0%	15.9%	0.0%	1.3%	41.3%	26.2%	2.2%	60.99	115.09
0.0%	1.2%	0.0%	0.0%	57.2%	39.5%	2.1%	33.05	137.63
0.0%	0.9%	0.0%	0.9%	91.2%	0.1%	6.8%	55.06	95.82
0.0%	17.1%	0.0%	0.5%	26.9%	2.5%	49.0%	26.97	80.76
0.0%	0.2%	0.0%	2.1%	94.8%	0.0%	2.5%	51.92	65.05
0.0%	27.9%	0.0%	0.3%	8.1%	0.0%	63.3%	31.92	39.20
0.0%	30.4%	0.0%	4.8%	60.5%	0.0%	1.2%	116.84	174.38
0.0%	27.0%	0.0%	14.2%	57.5%	0.5%	0.9%	184.82	190.82
0.0%	7.2%	0.0%	0.4%	87.2%	0.0%	2.5%	147.99	133.70

0.0%	16.3%	0.0%	0.5%	73.5%	0.0%	7.9%	181.35	313.81
0.0%	7.9%	0.0%	0.5%	83.9%	0.1%	2.0%	180.96	233.62
0.0%	4.7%	0.0%	0.9%	87.7%	0.0%	2.8%	119.62	223.73
0.0%	2.9%	0.0%	0.4%	93.4%	0.0%	1.2%	132.37	232.67
0.0%	11.1%	0.0%	4.5%	82.2%	0.0%	2.0%	139.54	176.78
0.0%	12.9%	0.0%	0.2%	67.9%	0.0%	5.0%	71.83	78.85
0.0%	7.2%	0.0%	3.8%	88.4%	0.0%	0.6%	20.15	36.75
0.0%	1.9%	0.0%	0.6%	0.0%	0.6%	91.2%	20.70	85.38
0.0%	5.0%	0.0%	1.9%	85.0%	7.5%	0.6%	79.13	112.54
0.0%	1.5%	0.0%	0.0%	98.4%	0.0%	0.0%	54.90	106.97
0.0%	1.9%	0.0%	0.4%	12.0%	1.8%	83.9%	92.25	183.90
0.0%	2.4%	0.0%	0.0%	18.6%	79.0%	0.0%	62.76	31.66
0.0%	38.5%	0.0%	43.7%	4.4%	0.0%	9.9%	45.60	63.46
0.0%	6.4%	0.0%	0.2%	72.8%	0.0%	18.5%	81.70	70.01
0.0%	18.5%	0.0%	0.0%	50.0%	0.0%	31.4%	50.49	170.30
0.2%	0.0%	0.0%	47.2%	45.2%	0.0%	4.4%	27.64	25.62
0.0%	17.2%	0.3%	0.6%	8.7%	24.3%	48.8%	148.58	283.54
0.0%	30.1%	0.0%	41.9%	0.0%	0.0%	28.0%	11.59	30.93
0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	29.60	47.00
0.0%	66.9%	0.0%	0.0%	0.0%	2.7%	30.5%	207.72	878.59
0.0%	29.6%	0.0%	8.6%	0.0%	0.0%	61.8%	35.70	64.81
0.0%	7.0%	0.0%	1.7%	86.2%	1.5%	3.1%	55.30	67.99
0.1%	38.2%	0.0%	7.0%	35.1%	0.0%	18.5%	29.52	65.03
0.8%	2.5%	0.0%	4.4%	57.7%	7.8%	26.6%	28.92	30.33
0.0%	47.9%	0.0%	1.6%	0.2%	0.0%	47.6%	32.79	46.48

2014-2018 SAIFI Average	2018 SAIFI	LIST OF CORRECTION ACTION, IF ANY, TAKEN OR TO BE TAKEN
0.529	1.153	Continue to Monitor
0.857	1.251	Continue to Monitor
1.174	1.250	Continue to Monitor
0.766	1.176	Continue to Monitor
0.394	1.257	Tree Trim Scheduled for 2019
0.784	0.699	Reliability Improvements Completed in 2018
0.634	0.416	Tree Trim Scheduled for 2019
0.783	1.496	Reliability Improvements Completed in 2018
0.311	1.022	Continue to Monitor
0.280	0.400	Continue to Monitor
0.665	1.200	Continue to Monitor
0.951	1.253	Continue to Monitor
0.859	1.077	Continue to Monitor
0.705	1.211	Continue to Monitor
0.500	0.446	Continue to Monitor
1.790	2.464	Continue to Monitor
0.450	0.467	Continue to Monitor
0.191	0.239	Continue to Monitor
0.534	0.407	Continue to Monitor
0.186	0.240	Continue to Monitor
0.759	1.457	Continue to Monitor
0.310	0.472	Continue to Monitor
0.265	0.395	Continue to Monitor
1.866	2.984	Continue to Monitor
1.362	1.365	Reliability Improvements Scheduled for 2019
0.984	0.969	Continue to Monitor
0.577	0.340	Continue to Monitor
0.484	1.260	Continue to Monitor
0.267	1.237	Continue to Monitor
0.135	0.116	Continue to Monitor
1.042	3.895	Continue to Monitor
2.566	4.061	Continue to Monitor
0.836	0.503	Continue to Monitor
0.961	1.221	Continue to Monitor
0.489	1.013	Continue to Monitor
1.596	2.544	Continue to Monitor
0.897	1.257	Continue to Monitor
2.065	1.703	Continue to Monitor
0.369	0.215	Continue to Monitor
0.415	0.362	Continue to Monitor
0.652	0.454	Continue to Monitor
0.296	0.374	Continue to Monitor
0.918	1.056	Continue to Monitor
0.747	0.771	Continue to Monitor

0.150	0.500	Continue to Monitor
1.075	2.206	Continue to Monitor
0.990	1.200	Continue to Monitor
0.130	0.470	Continue to Monitor
0.270	0.413	Tree Trim Scheduled for 2019
1.193	2.829	Continue to Monitor
0.269	0.102	Continue to Monitor
0.382	0.933	Continue to Monitor
1.318	0.765	Reliability Improvements Completed in 2018
1.258	1.436	Tree Trim Scheduled for 2019
0.822	1.025	Continue to Monitor
0.681	1.000	Continue to Monitor
0.430	0.529	Tree Trim Scheduled for 2019
0.509	0.599	Continue to Monitor
1.162	1.995	Continue to Monitor
1.837	2.503	Tree Trim Scheduled for 2019
1.297	1.620	Tree Trim Scheduled for 2019
1.400	4.000	Continue to Monitor
2.955	6.013	Continue to Monitor
1.707	2.125	Continue to Monitor
0.450	1.428	Continue to Monitor
0.520	1.229	Continue to Monitor
0.164	0.036	Continue to Monitor
0.496	0.533	Continue to Monitor
0.700	1.267	Continue to Monitor
0.719	2.296	Continue to Monitor
0.621	1.786	Continue to Monitor
0.517	0.931	Continue to Monitor
0.690	0.836	Reliability Improvements Completed in 2018
0.449	0.612	Continue to Monitor
0.811	1.082	Continue to Monitor
0.395	0.210	Continue to Monitor
0.352	0.650	Continue to Monitor
0.268	1.342	Continue to Monitor
0.200	1.000	Continue to Monitor
0.123	0.285	Continue to Monitor
1.081	1.351	Continue to Monitor
0.995	1.000	Continue to Monitor
0.754	0.773	Continue to Monitor
1.316	1.995	Continue to Monitor
0.780	2.000	Continue to Monitor
0.367	0.123	Continue to Monitor
0.809	1.320	Reliability Improvements Completed in 2018
0.526	1.227	Continue to Monitor
0.808	2.082	Continue to Monitor
0.596	0.725	Continue to Monitor
0.533	0.731	Continue to Monitor

1.191	2.183	Continue to Monitor
0.432	0.573	Continue to Monitor
0.636	1.000	Continue to Monitor
2.299	4.189	Continue to Monitor
0.504	1.181	Tree Trim Scheduled for 2019
0.200	1.000	Continue to Monitor
0.408	1.240	Continue to Monitor
0.146	0.196	Continue to Monitor
0.206	0.227	Continue to Monitor
0.182	0.620	Tree Trim Scheduled for 2019
0.245	0.942	Tree Trim Scheduled for 2019
1.194	1.205	Continue to Monitor
0.452	1.293	Continue to Monitor
0.265	0.265	Continue to Monitor
1.629	1.734	Continue to Monitor
0.860	0.271	Continue to Monitor
0.300	0.500	Continue to Monitor
0.345	1.351	Continue to Monitor
0.202	0.191	Continue to Monitor
0.151	0.278	Continue to Monitor
0.433	0.307	Continue to Monitor
0.834	0.549	Continue to Monitor
0.468	0.213	Continue to Monitor
1.168	0.434	Continue to Monitor
1.102	2.413	Tree Trim Scheduled for 2019
0.200	1.000	Continue to Monitor
0.548	0.600	Continue to Monitor
0.232	0.175	Continue to Monitor
0.173	0.111	Continue to Monitor
0.999	0.947	Reliability Improvements Completed in 2018
1.084	0.316	Continue to Monitor
1.032	0.470	Continue to Monitor
1.273	0.433	Continue to Monitor
0.616	0.923	Continue to Monitor
1.273	1.693	Continue to Monitor
0.860	1.806	Continue to Monitor
0.101	0.170	Continue to Monitor
0.303	1.178	Continue to Monitor
0.939	1.426	Continue to Monitor
2.316	4.655	Continue to Monitor
1.273	1.794	Continue to Monitor
0.483	0.311	Continue to Monitor
0.734	1.610	Continue to Monitor
0.596	2.118	Continue to Monitor
1.268	2.664	Continue to Monitor
0.435	1.023	Continue to Monitor
0.561	1.202	Continue to Monitor

0.421	0.872	Continue to Monitor
0.200	1.000	Continue to Monitor
0.495	0.411	Continue to Monitor
0.817	0.416	Continue to Monitor
0.400	0.512	Continue to Monitor
0.200	0.413	Continue to Monitor
0.523	0.513	Continue to Monitor
0.456	1.804	Continue to Monitor
0.249	0.477	Continue to Monitor
0.284	0.588	Continue to Monitor
0.226	0.560	Continue to Monitor
0.281	0.378	Continue to Monitor
0.501	1.202	Continue to Monitor
0.498	0.743	Trees Trimmed in 2018
0.448	0.789	Continue to Monitor
0.461	1.329	Continue to Monitor
0.287	0.270	Continue to Monitor
1.272	1.322	Continue to Monitor
0.671	0.688	Continue to Monitor
0.487	0.441	Continue to Monitor
1.099	3.359	Continue to Monitor
1.384	1.397	Continue to Monitor
2.144	2.114	Continue to Monitor
1.209	2.215	Continue to Monitor
1.570	7.102	Continue to Monitor
0.971	0.972	Continue to Monitor
0.506	1.126	Continue to Monitor
0.079	0.167	Continue to Monitor
0.614	1.834	Continue to Monitor
0.550	1.000	Continue to Monitor
1.591	1.893	Continue to Monitor
2.918	6.757	Trees Trimmed in 2019
0.811	0.760	Continue to Monitor
0.723	0.477	Continue to Monitor
0.436	1.486	Continue to Monitor
0.953	1.498	Continue to Monitor
0.243	0.448	Tree Trim Scheduled for 2019
0.687	0.487	Continue to Monitor
0.277	1.005	Continue to Monitor
0.546	0.314	Tree Trim Scheduled for 2019
1.031	1.151	Tree Trim Scheduled for 2019
1.478	2.674	Continue to Monitor
0.102	0.115	Continue to Monitor
0.429	0.646	Continue to Monitor
0.732	2.191	Continue to Monitor
0.217	0.845	Continue to Monitor
0.174	0.215	Continue to Monitor

0.627	0.655	Continue to Monitor
0.456	0.748	Continue to Monitor
0.715	0.931	Continue to Monitor
0.485	0.601	Continue to Monitor
0.096	0.383	Continue to Monitor
1.038	2.445	Continue to Monitor
1.377	1.628	Tree Trim Scheduled for 2019
0.823	1.644	Continue to Monitor
1.039	0.861	Reliability Improvements Completed in 2018
0.664	0.753	Continue to Monitor
0.837	0.581	Continue to Monitor
0.888	3.555	Continue to Monitor
0.672	0.661	Continue to Monitor
1.400	4.000	Continue to Monitor
0.439	0.333	Continue to Monitor
0.270	0.417	Tree Trim Scheduled for 2019
0.607	2.318	Continue to Monitor
0.154	0.248	Continue to Monitor
0.577	0.828	Continue to Monitor
0.561	0.494	Continue to Monitor
1.456	1.045	Continue to Monitor
0.286	0.143	Continue to Monitor
1.737	2.173	Continue to Monitor
0.513	0.754	Continue to Monitor
0.600	1.500	Continue to Monitor
0.130	0.250	Continue to Monitor
1.342	2.000	Continue to Monitor
0.293	0.302	Continue to Monitor
0.205	0.484	Continue to Monitor
0.938	4.081	Continue to Monitor
0.516	1.052	Continue to Monitor
0.127	0.233	Continue to Monitor
0.375	1.641	Continue to Monitor
1.270	1.890	Continue to Monitor
1.557	1.088	Tree Trim Scheduled for 2019
0.389	0.251	Continue to Monitor
0.811	1.093	Continue to Monitor
0.866	2.347	Continue to Monitor
0.468	0.689	Continue to Monitor
0.672	1.658	Continue to Monitor
0.628	0.897	Reliability Improvements Completed in 2018
0.544	2.163	Continue to Monitor
0.641	0.547	Continue to Monitor
0.250	0.289	Continue to Monitor
1.229	2.203	Continue to Monitor
1.088	1.302	Continue to Monitor
1.913	2.377	Continue to Monitor

1.358	3.099	Continue to Monitor
1.164	1.170	Tree Trim Scheduled for 2019
0.657	0.960	Continue to Monitor
0.876	0.974	Continue to Monitor
0.918	1.456	Reliability Improvements Completed in 2018
0.580	0.371	Continue to Monitor
0.282	0.382	Continue to Monitor
0.258	1.048	Continue to Monitor
0.894	1.351	Continue to Monitor
0.346	0.434	Continue to Monitor
0.728	0.789	Continue to Monitor
0.766	1.091	Continue to Monitor
0.484	1.105	Continue to Monitor
0.688	1.230	Continue to Monitor
0.591	1.342	Continue to Monitor
0.148	0.250	Continue to Monitor
1.551	3.545	Continue to Monitor
0.238	0.190	Continue to Monitor
0.400	1.000	Continue to Monitor
1.871	8.353	Continue to Monitor
0.620	0.644	Continue to Monitor
0.649	0.740	Continue to Monitor
0.621	0.373	Continue to Monitor
0.367	0.246	Continue to Monitor
0.576	1.275	Continue to Monitor

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

LGE Tree SAIDI – 24.98 minutes

LGE Tree SAIFI – 0.142

LGE Tree CAIDI – 175.7 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

LG&E experienced significant weather impacts to electric reliability as partially indicated by the 10 measured Major Event Days. Over the past 5 years, LG&E saw an average of 4.6 MEDs annually. Electric reliability metrics in 2018 were on similar levels to the 5-year averages excluding Major Event Days.