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E. Minna Rolfes-Adkins

Sr. Paralegal

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VIA OVERNIGHT DELIVERY

RECEIVED

April 28, 2017

MAY 01 2017

Dr. Talina R. Mathews Kentucky Public Service Commission 211 Sower Boulevard Frankfort, Kentucky 40602

PUBLIC SERVICE COMMISSION

Re: 2016 Reliability Report and Vegetation Management Plan Update

Dear Dr. Mathews:

Enclosed please find a signed paper and one electronic copy of the Duke Energy Kentucky, Inc. 2016 Reliability Report and Vegetation Management Plan Update.

We have included the unredacted part of Exhibit A in a separate envelope to be filed under seal. Also enclosed is a Petition for Confidential Treatment for your consideration in the above referenced matter.

Please date-stamp the two copies of the letter and the filings and return to me in the enclosed envelope.

Should you have any questions, please do not hesitate to contact me.

Very truly yours,

E. Minna Rolfes-Adkins

Minus Radler

Sr. Paralegal

ERA Enclosures

RECEIVED

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

MAY 01 2017
PUBLIC SERVICE
COMMISSION

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

DUKE ENERGY KENTUCKY, INC.'S

PETITION FOR THE CONFIDENTIAL TREATMENT OF CERTAIN INFORMATION FILED FOR CALENDAR YEAR 2016

Duke Energy Kentucky, Inc. (Duke Energy Kentucky or Company) respectfully submits this petition in accordance with 807 KAR 5:001 Section 13, seeking the confidential treatment of certain information filed for calendar year 2014:

- 1. On January 11, 2012, the Commission issued an Order in this proceeding requiring Duke Energy Kentucky to collect and maintain all records necessary to evaluate its system reliability performance in accordance with the methodology established by the most recent edition of the ("IEEE") standard number 1366 "Guide for Electric Power Distribution Reliability Indices," which currently is IEEE Standard 1366-2012.
- 2. On May 30, 2013, the Commission issued its Order requiring all jurisdictional utilities to file annual reliability reports and to develop vegetation management plans. Pursuant to the Order, jurisdictional utilities were required to report a 5 year average of reliability data. The reports are required to be based upon a calendar year (January to December) and filed by the first business day in May in the year immediately following the reporting year.

- 3. The Commission's regulations, in 807 KAR 5:001, Section 13, provide that any person requesting confidential treatment of any material file a petition setting forth the grounds, pursuant to KRS 61.870 *et seq.*, upon which the Commission should classify that material as confidential.
- 4. Kentucky Revised Statute § 61.878(1)(c)(1) provides that records confidentially disclosed to an agency or required to be disclosed to the agency be exempt from Kentucky's open records statutes, KRS 61.870 *et seq*. where the records are generally recognized as confidential or proprietary, and which if openly disclosed would permit an unfair commercial advantage to competitors of the entity that disclosed the records.
- 5. Duke Energy Kentucky submits that the following information, if openly disclosed, could present security issues:
 - a. Physical street addresses of all the Company's electric substations and circuits.
- 6. The above information, if openly disclosed, would allow the public knowledge as to the specific physical location of critical utility infrastructure, namely Duke Energy Kentucky substations and circuits. With this information, a possible security issue could arise. Such actions might include theft, destruction, possible injury, and/or vandalism. Releasing the street address of all of the Company's electric substations in one public filing would present a significant security and reliability risk where a concentrated action could undermine Duke Energy Kentucky's distribution system and the security of its grid.
- 7. The information for which Duke Energy Kentucky is seeking confidential treatment is not known outside of Duke Energy Corporation.

- 8. Duke Energy Kentucky does not object to limited disclosure of the confidential information described herein, pursuant to an acceptable protective agreement, to the Attorney General or other intervenors with a legitimate interest in reviewing the same for the purpose of participating in this case.
- 9. Pursuant to 807 KAR 5:001 Section 13(2), Duke Energy Kentucky has attached to this Petition, under seal, one copy of Exhibit A of the 2016 Reliability Report and Vegetation Management Plan and one copy of Exhibit A of the 2016 Reliability Report and Vegetation Management Plan with the confidential material omitted or otherwise redacted. Duke Energy Kentucky respectfully requests that the Confidential Information be withheld from public disclosure indefinitely. This will assure that the Confidential Information will not become available to the general public. To the extent the Confidential information becomes generally available to the public, whether through filings required by other agencies or otherwise, Duke Energy Kentucky will notify the Commission and have its confidential status removed, pursuant to 807 KAR 5:001 Section 13(10)(a).
- 10. This information was, and remains, integral to Duke Energy Kentucky's effective execution of business decisions. And such information is generally regarded as confidential or proprietary. Indeed, as the Kentucky Supreme Court has found, "information concerning the inner workings of a corporation is 'generally accepted as confidential or proprietary." Hoy v. Kentucky Industrial Revitalization Authority, Ky., 904 S.W.2d 766, 768 (Ky. 1995).

WHEREFORE, Duke Energy Kentucky respectfully request that the Commission:

1. Accept this Petition for filing;

2. Grant the information delineated herein confidential treatment in accordance with 807 KAR 5:001 Section 13 and KRS 61.870 et seq.

Respectfully submitted,

DUKE ENERGY KENTUCKY, INC.

Rocco D'Ascenzo (92796)
Associate General Counsel
Amy B. Spiller (85309)
Deputy General Counsel
139 East Fourth Street, 1303-Main

Cincinnati, Ohio 45201-0960

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e-mail: rocco.d'ascenzo@duke-energy.com

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing filing was served on the following via overnight mail, this Aday of April, 2017:

Rebecca Goodman
The Office of the Attorney General
Utility Intervention and Rate Division
700 Capital Avenue, Suite 20
Frankfort, Kentucky, 40601

Rocco D'Ascenzo

COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

DUKE ENERGY KENTUCKY, INC.
RELIABILITY REPORT AND VEGETATION MANAGEMENT PLAN UPDATE FOR
CALENDAR YEAR 2016

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Electr	ic Distribution Utility Annual Reliability Report	Exhibit A
Veget	ation Management Plan	Exhibit B

I. Introduction

On May 30, 2013, the Commission issued its Order requiring all jurisdictional utilities to file annual reliability reports and to develop vegetation management plans. Pursuant to the Order, jurisdictional utilities were required to report a 5 year average of reliability data. The reports are required to be based upon a calendar year (January to December) and filed by the first business day in May in the year immediately following the reporting year.

Duke Energy Kentucky, Inc. (Duke Energy Kentucky or the Company) submits its Reliability Report and Vegetation Management Plan update for Calendar year 2016 as required by the Commission's May 30, 2013 Order in Case No. 2011-00450.¹

II. Reliability Report Summary

Consistent with the most recent edition of the standard number 1366 "Guide for Electric Power Distribution Reliability Indices," and the Commission's Order,² the following is included in Exhibit A of Duke Energy Kentucky's Reliability Report Summary:

- 1. Calculate the System Average Interruption Duration Index (SAIDI) system-wide indices including Major Event Days (MEDs) and calculate the SAIDI system-wide indices excluding MEDs;
- 2. Calculate the System Average Interruption Frequency Index (SAIFI) system-wide indices including MEDs and calculate the SAIFI system-wide indices excluding MEDs;
 - 3. Develop a system-wide rolling five-year average SAIDI excluding MEDs;
 - 4. Develop a system-wide rolling five-year average SAIFI excluding MEDs;
 - 5. Calculate SAIDI excluding MEDs for every circuit within its system;
 - 6. Develop a rolling five-year average SAIDI for each circuit within its system;

1

¹ In the matter of An Investigation of the Reliability Measures of Kentucky's Jurisdictional Electric Distribution Utilities, Case No 2011-00450. (Order)(May 30, 2013).

 $^{^{2}}$ Id

- 7. Compare each circuit to that circuit's rolling five-year average SAIDI;
- 8. Calculate SAIFI excluding MEDs for every circuit within its system;
- 9. Develop a rolling five-year average SAIFI for each circuit within its system;
- 10. Compare each circuit to that circuit's rolling five-year average SAIFI.
- 11. File a Reliability Report by May 1 of each year, containing the reliability information as outlined in the attached Appendix for the preceding calendar year from January 1 to December 31 that includes the SAIDI and SAIFI system-wide indices, both including and excluding MEDs.
- 12. For each circuit with either SAIDI or SAIFI value higher than that circuit's respective SAIDI or SAIFI rolling five-year average, excluding MEDs, include in the annual Reliability Report the following information:
 - a. The circuit's SAIDI index for the year;
 - b. The circuit's SAIFI index for the year;
 - c. The circuit's rolling five-year average SAIDI;
 - d. The circuit's rolling five-year average SAIFI;
 - e. The substation name, number and location (i.e., County-Road-Town);
 - f. The circuit name, number and location (Town-Road-General Area);
 - g. The circuit's overall length in miles to the nearest tenth of a mile;
 - h. The number of customers served on the circuit for the year;
- i. The date of the last circuit trim performed by the utility as part of its vegetation management plan;
- j. A list of outage causes for the circuit, along with the percentage of total outage numbers represented by each cause;

- k. Circuit five-year average SAIDI;
- 1. Reporting year SAIDI;
- m. Circuit five-year average SAIFI;
- n. Reporting year SAIFI;
- o. A Corrective Action Plan which describes any measures the utility has completed or plans to complete to improve the circuit's performance; and
- p. Any other information the utility believes will assist the Commission in understanding the circumstances surrounding the circuit's performance.

III. Vegetation Management Plan Update and Summary

Duke Energy Kentucky filed its initial Vegetation Management Plan with this Commission on December 18, 2007 in Case No. 2006-00494.³ Duke Energy's Midwest Vegetation Management Group is responsible for controlling vegetation growth for 37,000 miles of transmission and distribution overhead electric lines and gas supply lines in Ohio, Indiana and Kentucky.

Exhibit B is a copy of Duke Energy Kentucky's Vegetation Management Plan. There have been no substantive amendments or changes to the Company's plan since it was initially filed with the Commission on December 18, 2007. Exhibit B, attached hereto does contain two minor clerical corrections from what was previously submitted to the Commission as part of the Company's annual filings.

As part of its 2017 plan, Duke Energy Kentucky plans to trim trees and maintain vegetation along 364 miles of its distribution system. The Company's tree trimming vendor's contract expired in 2016. During the fourth quarter of 2016, Duke Energy Kentucky began negotiations with this supplier for a temporary contract to commence with the 2017 vegetation

³ *Id*.

management cycle. In late 2016, and prior to the execution of a new contract, this supplier informed the Company that they were not able to retain sufficient resources to perform routine vegetation maintenance work in Kentucky. This resulted in not having a secured supplier to perform routine vegetation maintenance in 2017. This supplier did agree to provide limited resources to perform reactive vegetation maintenance work until the Company is able to secure a new supplier. As a result, Duke Energy Kentucky has reached out to other qualified suppliers to meet our 2017 vegetation management plan. The work has been offered to a qualified supplier and it is anticipated that regular maintenance trimming will begin as soon as possible. The Company will monitor the plan and make adjustments as needed to complete all planned trimming for 2017. The Company anticipates we will have sufficient crew coverage throughout the rest of the year.

Respectfully submitted,

Rocco O. D'Ascenzo (92796)

Associate General Counsel

Amy B. Spiller (85309)

Deputy General Counsel

Duke Energy Kentucky, Inc.

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KENTUCKY PUBLIC SERVICE COMMISSION

Electric Distribution Utility Annual Reliability Report

SECTION 1 : CONTACT INFORMATION

UTILITY NAME	DUKE ENERGY KENTUCKY
REPORT PREPARED BY	ILONA KORB
E-MAIL ADDRESS OF PREPARER	ILONA.KORB@DUKE-ENERGY.COM
PHONE NUMBER OF PREPARER	513-287-3121

SECTION 2: REPORTING YEAR

CALENDAR YEAR OF REPORT	2016

SECTION 3: MAJOR EVENT DAYS (MED)

TMED	4.8671
FIRST DATE USED TO DETERMINE TMED	January 1, 2011
LAST DATE USED TO DETERMINE TMED	December 31, 2015
NUMBER OF MED IN REPORT YEAR	7

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

SECTION 4: SYSTEM RELIABILITY INFORMATION AND RESULTS

System-wide Information

TOTAL CUSTOMERS	140,361	TOTAL CIRCUITS	134	
	,			

Excluding MED

5 YEAR A	VERAGE	REPORT	ING YEAR
SAIDI	112.59	SAIDI	101.67
SAIFI	1.14	SAIFI	0.77

Including MED

5 YEAR A	VERAGE	REPORT	NG YEAR
SAIDI	178.19	SAIDI	180.98
SAIFI	1.35	SAIFI	1.04

Notes

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

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UBST	TION NAME	SUBSTATION NUMBER	SUBSTATION COUNTY	SUBSTATION T	OWN CIRCUIT NAME	CIRCUIT ID	CIRCUIT NUMBER
		170	KENTON	ERLANGER	ATLAS 41	H9321700041	41
IN.		78	KENTON	COVINGTON	AUGUSTINE 42	H9320780042	42
lE	Ξ	78	KENTON	COVINGTON	AUGUSTINE 46	H9320780046	4 6
		86	BOONE	WALTON	BEAVER 42	H9320860042	42
		131	CAMPBELL	NEWPORT	BELLEVUE 43	H9321310043	43
OI	N	67	KENTON	FLORENCE	BUFFINGTON 48	H9320670046	4 6
LL		147	CAMPBELL	CLARYVILLE	CLARYVILLE 41	H9321470041	41
LL	-	147	CAMPBELL	CLARYVILLE	CLARYVILLE 42	H9321470042	42
L		147	CAMPBELL	CLARYVILLE	CLARYVILLE 43	H9321470043	43
PRI		132	CAMPBELL	COLD SPRINGS	COLD SPRING 41	H9321320041	41
GTC		217	KENTON	COVINGTON	COVINGTON 42	H9322170042	42
TC VT	N	217	KENTON	COVINGTON	COVINGTON 43	H9322170043	43
-		70 70	KENTON	FT. MITCHELL	CRESCENT 41	H9320700041	41
	.,	70	KENTON	FT. MITCHELL	CRESCENT 43	H9320700043	43
ID.	IN	124	GRANT	CRITTENDEN	CRITTENDEN 41	H9321240041	41
N		76	CAMPBELL	DAYTON	DAYTON 42	H9320760042	42
		89 89	BOONE	FLORENCE	DIXIE 41	H9320890041	41
De.			BOONE	FLORENCE	DIXIE 42	H9320890042	42
LDS4 LDS4		55 55	KENTON	ERLANGER EDLANCER	DONALDSON 41	H9320550041	41
DS4 DS4		55 55	KENTON KENTON	ERLANGER	DONALDSON 43	H9320550043	43 44
Э.	17	55 289		ERLANGER EL OBENICE	DONALDSON 44	H9320550044	
Έ		289 241	BOONE BOONE	FLORENCE FLORENCE	EMPIRE 42 FLORENCE 45	H9322890042	42
		241 241	BOONE	FLORENCE FLORENCE	FLORENCE 45 FLORENCE 47	H9322410045	45 47
Œ		241 181	GRANT	FLORENCE WILLIAMSTOWN		H9322410047	47 41
		128	KENTON	COVINGTON	HANDS 42	H9321610041	41 42
		152	BOONE	HEBRON	HANDS 42 HEBRON 43	H9321280042 H9321520043	42 43
		9	KENTON	LAKEVIEW	KENTON 41	H9320090041	43 41
		9	KENTON	LAKEVIEW	KENTON 42	H9320090041	42
		9	KENTON	LAKEVIEW	KENTON 44	H9320090042	44
		287	CAMPBELL	NEWPORT	KY UNIV 43	H9322870043	43
/ 2 A I	СН	98	BOONE	FLORENCE	LONGBRANCH 42	H9320980042	42
	STA	210	BOONE	FLORENCE	OAKBROOK 41	H9322100041	41
	STA	210	BOONE	FLORENCE	OAKBROOK 42	H9322100041	42
ю		199	BOONE	RICHWOOD	RICHWOOD 43	H9321990043	43
RGR		62	CAMPBELL	MELBOURNE	SILVER GROVE 41	H9320620041	41
GR		62	CAMPBELL	MELBOURNE	SILVER GROVE 42	H9320620042	42
	OVE	62	CAMPBELL	MELBOURNE	SILVER GROVE 43	H9320620043	43
IA	· · · •	125	KENTON	CRITTENDEN	VERONA 41	H9321250041	41
		243	KENTON	EDGEWOOD	VILLA 41	H9322430041	41
		243	KENTON	EDGEWOOD	VILLA 42	H9322430042	42
		243	KENTON	EDGEWOOD	VILLA 43	H9322430043	43
END	STA	15	HAMILTON	CINCINNATI	WEST END 41	H40C0150041	41
	VER	304	KENTON	INDEPENDENCE		H9323040041	41
R		59	KENTON	WILDER	WILDER 43	H9320590043	43
		77	CAMPBELL	NEWPORT	YORK 41	H9320770041	41
		77	CAMPBELL	NEWPORT	YORK 43	H9320770043	43
₹		86	BOONE	WALTON	BEAVER 41	H9320860041	41
IGT)N	67	KENTON	FLORENCE	BUFFINGTON 42	H9320670042	42
AN		42	BOONE	ERLANGER	CONSTANCE 43	H9320420043	43
NT		70	KENTON	FT. MITCHELL	CRESCENT 42	H9320700042	42
NT		70	KENTON	FT. MITCHELL	CRESCENT 45	H9320700045	45
•		69	BOONE	FLORENCE	DIXIE 44	H9320890044	44
г		161	GRANT	WILLIAMSTOWN		H9321610043	43
;		128	KENTON	COVINGTON	HANDS 44	H9321280044	44
		9	KENTON	LAKEVIEW	KENTON 43	H9320090043	43
i	ан	98	BOONE	FLORENCE	LONGBRANCH 41	H9320980041	41
NCH		98	BOONE	FLORENCE	LONGBRANCH 43	H9320980041	43
•		305	BOONE	FLORENCE	MT ZION 43	H9323050043	43
D		199	BOONE	RICHWOOD	RICHWOOD 41	H9321990041	41

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CIRCUIT GENERAL AREA	TOTAL CIRCUIT LENGTH (miles)	CUSTOMER COUNT FOR THIS CIRCUIT	DATE OF LAST CIRCUIT TRIM (VEGETATION MANAGEMENT)	CIRCUIT 5-YEAR AVERAGE (SAIDI)	REPORTING YEAR (2016) SAIDI	DID SAIDI INCREASE IN 2016?	CIRCUIT 5-YEAR AVERAGE (SAIFI)	REPORTING YEAR (2016) SAIFI	DID SAIFI INCREASE IN 2016?
Crescent Springs, Erlanger	5.71	432	4/25/2016	87.037	835.856	YES	1.305	2.853	YES
Covington	7.68	1864	11/2/2013	57.129	174.223	YES	0.668	1.054	YES
Park Hills	21.97	2628	7/2/2014	122.352	213.455	YES	1.421	1.216	NO
Walton	50.7	1516	10/19/2013	100.353	339.508	YES	1.280	1.647	YES
Bellevue	20.77	2157	8/8/2015	64.265	70.914	YES	0.690	0.528	NO
Florence	6.8	626	10/11/2014	131.100	176.890	YES	0.861	1.085	YES
Grant's Lick	60.85	1657	12/19/2015	117.028	242.616	YES	0.958	1.911	YES
Grant's Lick	53.31	1913	10/15/2016	143.311	265.207	YES	1.180		YES
Claryville	1.48	8	12/5/2015	12.521	14.750	YES	0.356	0.125	NO
Cold Springs	40.35	1141	3/17/2014	89.258	148.311	YES	0.850	1.091	YES
Covington	3.74	981	12/5/2013	56.749	129.537	YES	1.077	2.144	YES
Covington	10.3	2078	11/7/2014	44.595	69.967	YES	0.971	0.380	NO
Crescent Springs	10.5	1800	11/18/2013	138.694	192.116	YES	1.443	1.465	YES
Ft. Mitchell	17.85	1647	12/6/2014	85.303	116.805	YES	0.918	0.460	NO
Crittenden	39.51	1614	12/4/2013	105.365	87.499	NO	0.813	2.017	YES
Dayton	11.12	1527	12/5/2015	20.375	55.869	YES	0.122		YES
Florence	2.81	20	3/21/2015	32.444	578.200	YES	0.132		YES
Florence	4.9	41	3/21/2015	14.984	668.877	YES	0.120		YES
Erlanger and Florence	17.46	2189	11/1/2014	125.904	235.219	YES	1.923	3.730	YES
Erlanger, Florence, CVG	17.98	750	11/15/2014	83.928	249.405	YES	1.700		YES
Erlanger, Florence, CVG	9.51	636	10/3/2015	28.306	22.667	NO	0.723	1.120	YES
Florence	1.2	1	10/19/2013	247.000	548.000	YES	2.125	1.000	NO
Florence	19.81	1550	6/6/2015	126.638	148.262	YES	1.176	1.090	NO
Florence	8.16	230	6/20/2015	111.068	11.674	NO	0.991	1.034	YES
Dry Ridge	4.81	139	10/17/2012	162.086	246.806	YES	1.429	1.978	YES
Taylor Mill	9.15	316	4/19/2016	18.313	33.111	YES	0.132	0.253	YES
Hebron	6.04		Nothing to trim	60.227	61.524	YES	0.653	0.381	NO
Ft. Wright, Ft. Mitchell	19.67	1511	12/5/2013	62.358	111.272	YES	0.607	1.861	YES
Taylor Mill	14.48	955	5/11/2016	50.931	96.318	YES	0.317	0.550	YES
Ft. Wright, Ft. Mitchell	22.53	2298	8/10/2013	82.135	111.997	YES	1.197	1.131	NO
Highland Heights	17.21	761	9/22/2014	28.494	77.875	YES	0.459	2.386	YES
Union, Beaverlick and Florence	41.66	1085	10/19/2013	44.777	99.660	YES	0.416	0.840	YES
Alexandria, Ross and Oneonta	13.54	642	10/19/2013	0.168	58.683	YES	0.001	0.224	YES
Limaburg, Oakbrook and Burling		2284	10/19/2013	0.016	85.581	YES	0.000	0.305	YES
Union	16.85	1217	11/22/2014	62.296	63.818	YES	0.624	1.026	YES
Camp Springs	60.84	553		20.666	492.720	YES	0.145	2.054	YES
Silver Grove Melbourne	8.33 19.79	412		27.860	10.229	NO	0.073	0.131	YES
		580		92.767	223.635	YES	0.770	2.345	YES
Verona, Piner, Fiskburg and Wa		852	6/11/2016	205.190	297.734	YES	1.298	1.842	YES
Lakeside Park Crestview Hills	14.45	1681	4/25/2014	56.443	83.936	YES	0.601	0.220	NO
No. of the Control of	12.82 15.94	884	5/22/2014	66.057	154.215	YES	0.384	0.609	YES
Edgewood Covington, Park Hills	15.94 8.94	944 708	5/16/2014	134.284	172.945	YES	1.836	1.134	NO
	76.58		12/5/2013	153.084	400.168	YES	1.191	1.934	YES
Independence, Taylor Mill	76.58 9.93	1773	6/11/2016	228.241	544.398	YES	2.472	2.110	NO
Covington, Latonia		1686	12/24/2016	70.989	115.928	YES	0.807	1.169	YES
Newport	8.1	1739	6/13/2015	10.185	32.536	YES	0.108	0.287	YES
Newport Walton	6.35 47.55	1451	4/25/2015	33.361	245.383	YES	0.450	1.610	YES
		1264	4/6/2013	210.055	210.942	YES	1.980	0.905	NO
Florence Erlanger	4.37 2.41	59	6/6/2015	52.759	236.712	YES	0.414	0.712	YES
FT. MITCHELL	31.43	1 1900	3/12/2016	0.000	217.000	YES	0.000	3.000	YES
FT. MITCHELL FT. MITCHELL			10/18/2014	109.083	147.719	YES	2.000	1.339	NO
W. Adv. Spice Spice Science (Co.	22.1	971		0.000	63.853	YES	0.000	0.328	YES
Florence	1.33	9	3/21/2015	87.980	165.778	YES	0.463	1.333	YES
WILLIAMSTOWN	0.01		Nothing to trim	0.000	63.000	YES	0.000	1.000	YES
ERLANGER	21.18	1234	12/12/2015	35.259	127.908	YES	0.674	0.606	NO
LATONIA	12.6	1496	12/30/2015	214.033	357.349	YES	1.491	0.911	NO
FLORENCE UNION	18.81	2226	8/22/2015	0.403	0.763	YES	0.004	0.003	NO
	21.83	1547	10/12/2013	7.211	24.339	YES	0.070	0.068	NO
FLORENCE	12.58	936	10/25/2013	12.778	10.053	NO	0.086	0.094	YES
Richwood	5.36	47	11/20/2013	41.204	606.818	YES	0.285	1.365	YES

EXN	Ш	III A	
Page	4	of 9	

		Port 200 - 38 (190 - 44 - 24 - 24) (190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 1		PERCENT OF TOTAL	Page 4 of 9
SUBSTATION - CIRCUIT	CIRCUIT NAME	CIRCUIT ID	OUTAGE CAUSE	OUTAGE MINUTES	CORRECTIVE ACTION PLAN
					Major outage times caused by a tree and faulty Capacitor.
			Equipment Failure	70.747%	Items have been corrected and no further action is neede
ATLAS - H9321700041	ATLAS 41	H9321700041	Vegetation	20.047%	
ATEAS - 119321700041	ATENS 41	H9321700041	Planned	4.667%	
			Weather, Storm	4.459%	
			Lightning	0.080%	
			Other	0.000%	
				100.000%	
					Mechanical issue at the substation has been corrected. N
		1	Equipment Failure		further action required
			Lightning	1.243%	
AUGUSTINE - H9320780042	AUGUSTINE 42	H9320780042	Other	1.229%	
AUGUSTINE - H9320700042	AUGUSTINE 42	H9320780042	Planned	0.319%	
			Wildlife	0.257%	
			Vegetation Unknown	0.111%	
		1	Public Accident	0.038%	
		Contract to the second	F ublic Accident	100.000%	
		I I MANUAL PROPERTY OF THE PRO	ATTITUDE DESCRIPTION OF THE PARTY OF T	100.000%	Circuit lockout due to lightning. Restored. No further act
			Unknown	42.470%	required
		1	Lightning	38.849%	
			Planned	16.275%	
AUGUSTINE - H9320780046	AUGUSTINE 46	H9320780046	Vegetation	1.849%	
			Weather, Storm	0.186%	
			Equipment Failure	0.158%	
			Other	0.134%	
			Public Accident	0.079%	
1000 (A)				100.000%	
			Vegetation		Circuit due for full trim in 2017.
			Public Accident	17.221%	
			Equipment Failure	17.130%	
BEAVER - H9320860041	BEAVER 41	H9320860041	Unknown	9.062%	
			Planned	1.751%	
			Wildlife	0.627%	
			Other	0.169%	
		Service Control of the profession of the		100.000%	
			Vegetation	63.660%	Circuit due for a full trim in 2017.
			Weather, Storm	28.771%	
			Planned	3.469%	Protection updated for transformers caused Planned Out
BEAVER - H9320860042	BEAVER 42	H9320860042	Other	2.202%	_
			Equipment Failure	1.409%	
			Unknown	0.463%	
			Wildlife	0.025%	
			Public Accident	0.000%	
				100.000%	
			Vegetation	56.453%	Circuit due for a full trim in 2017.
			Planned	20.853%	
			Public Accident	11.420%	Equipment repaired at time of outage
BELLEVUE - H9321310043	BELLEVUE 43	H9321310043	Equipment Failure	8.498%	
			Other	1.691%	
			Wildlife	0.939%	
			Unknown	0.146%	
				100.000%	
					Equipment failure due to storm. Corrected. No further
			Weather, Storm	92.553%	action required
BUFFINGTON - H9320670042	BUFFINGTON 42	H9320670042	Unknown	2.592%	
	2011 11101014 42	118320070042	Wildlife	2.119%	
			Equipment Failure	1.747%	
			Planned	0.988%	
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			100.000%	DESCRIPTION OF THE PROPERTY OF
					Equipment failure at substation. Equipment repaired. No
			Equipment Failure		further action required
BUFFINGTON - H9320670046	BUFFINGTON 46	H9320670046	Unknown	6.210%	
			Public Accident	0.000%	
			Other	0.000%	
		The test of the state of the second of the second		100.000%	
					12 quants: Transmission and storm. Circuit is salf healing t
			04		2 events: Transmission and storm. Circuit is self-healing f
			Other		White Tower. No additional action needed.
			Weather, Storm	20.485%	White Tower. No additional action needed.
CLADVIII E LIDOGUAGO	CLADAVILLE	10004777	Weather, Storm Vegetation	20.485% 10.490%	White Tower. No additional action needed.
CLARYVILLE - H9321470041	CLARYVILLE 41	H9321470041	Weather, Storm Vegetation Equipment Failure	20.485% 10.490% 8.691%	White Tower. No additional action needed.
CLARYVILLE - H9321470041	CLARYVILLE 41	H9321470041	Weather, Storm Vegetation Equipment Failure Public Accident	20.485% 10.490% 8.691% 1.064%	White Tower. No additional action needed.
CLARYVILLE - H9321470041	CLARYVILLE 41	H9321470041	Weather, Storm Vegetation Equipment Failure Public Accident Planned	20.485% 10.490% 8.691% 1.064% 1.002%	White Tower. No additional action needed.
CLARYVILLE - H9321470041	CLARYVILLE 41	H9321470041	Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown	20.485% 10.490% 8.691% 1.064% 1.002% 0.201%	White Tower. No additional action needed.
CLARYVILLE - H9321470041	CLARYVILLE 41	H9321470041	Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife	20.485% 10.490% 8.691% 1.064% 0.201% 0.113%	White Tower. No additional action needed.
CLARYVILLE - H9321470041	CLARYVILLE 41	H9321470041	Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown	20.485% 10.490% 8.691% 1.064% 1.002% 0.201% 0.113% 0.050%	White Tower. No additional action needed.
CLARYVILLE - H9321470041	CLARYVILLE 41	H9321470041	Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife	20.485% 10.490% 8.691% 1.064% 0.201% 0.113%	White Tower. No additional action needed.
CLARYVILLE - H9321470041	CLARYVILLE 41	H9321470041	Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife Lightning	20.485% 10.499% 8.691% 1.064% 1.002% 0.201% 0.113% 0.050% 100.000%	White Tower. No additional action needed. 1 transmission event and veg biggest issues. Feeder has
CLARYVILLE - H9321470041	CLARYVILLE 41	H9321470041	Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife Lightning	20.485% 10.490% 8.691% 1.064% 1.002% 0.201% 0.113% 0.050% 100.000%	White Tower. No additional action needed.
CLARYVILLE - H9321470041	CLARYVILLE 41	H9321470041	Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife Lightning Vegetation Lightning	20.485% 10.490% 8.691% 1.064% 1.002% 0.201% 0.113% 0.055% 100.000% 29.015% 23.002%	White Tower. No additional action needed. 1 transmission event and veg biggest issues. Feeder has
CLARYVILLE - H9321470041	CLARYVILLE 41	H9321470041	Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife Lightning	20.485% 10.490% 8.691% 1.064% 1.002% 0.201% 0.113% 0.050% 100.000%	White Tower. No additional action needed. 1 transmission event and veg biggest issues. Feeder has
			Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife Lightning Vegetation Lightning Other Weather, Storm	20.485% 10.490% 8.691% 1.064% 1.002% 0.201% 0.113% 0.055% 100.000% 29.015% 23.002%	White Tower. No additional action needed. 1 transmission event and veg biggest issues. Feeder has
CLARYVILLE - H9321470041 CLARYVILLE - H9321470042	CLARYVILLE 41 CLARYVILLE 42	H9321470041	Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife Lightning Vegetation Lightning Other	20.485% 10.490% 8.691% 1.064% 1.002% 0.201% 0.113% 100.000% 29.015% 23.002% 21.916%	White Tower. No additional action needed. 1 transmission event and veg biggest issues. Feeder has
			Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife Lightning Vegetation Lightning Other Weather, Storm	20.485% 10.490% 8.691% 1.064% 1.002% 0.201% 0.113% 0.050% 100.000% 29.015% 23.002% 21.916% 12.357%	White Tower. No additional action needed. 1 transmission event and veg biggest issues. Feeder has
			Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife Lightning Vegetation Lightning Other Weather, Storm Equipment Failure	20.485% 10.490% 8.691% 1.064% 1.002% 0.201% 0.113% 0.050% 100.000% 29.015% 23.002% 21.916% 12.357% 11.670%	White Tower. No additional action needed. 1 transmission event and veg biggest issues. Feeder has
			Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife Lightning Vegetation Lightning Other Weather, Storm Equipment Failure Planned	20.485% 10.490% 8.691% 1.064% 1.002% 0.201% 0.113% 0.055% 100.000% 29.015% 23.002% 21.916% 12.357% 11.670% 1.146%	White Tower. No additional action needed. 1 transmission event and veg biggest issues. Feeder has
			Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife Lightning Vegetation Lightning Other Weather, Storm Equipment Failure Planned Public Accident	20.485% 10.499% 8.691% 1.064% 1.002% 0.201% 0.113% 0.050% 100.000% 29.015% 23.002% 121.916% 12.357% 11.670% 1.146% 0.658%	White Tower. No additional action needed. 1 transmission event and veg biggest issues. Feeder has
			Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife Lightning Vegetation Lightning Other Weather, Storm Equipment Failure Planned Public Accident Unknown	20.485% 10.490% 8.691% 1.064% 1.002% 0.201% 0.113% 0.050% 100.000% 29.015% 23.002% 21.916% 11.467% 1.146% 0.658% 0.171%	White Tower. No additional action needed. 1 transmission event and veg biggest issues. Feeder has
			Weather, Storm Vegetation Equipment Failure Public Accident Planned Unknown Wildlife Lightning Vegetation Lightning Other Weather, Storm Equipment Failure Planned Public Accident Unknown	20.485% 10.499% 8.691% 1.064% 1.002% 0.201% 0.113% 0.050% 100.000% 29.015% 23.002% 11.146% 11.670% 1.146% 0.658% 0.171% 0.064% 100.000%	White Tower. No additional action needed. 1 transmission event and veg biggest Issues. Feeder has

Exhibit A Page 5 of 9

					Planned outages for transformer retrofits. No futher a
			Vegetation	60.398%	required
	COLD SPRING 41	.D SPRING 41 H9321320041	Equipment Failure	13.274%	
COLD SPRING - H9321320041			Planned	12.371%	
			Wildlife	5.123%	
			Lightning	4.531%	
			Other	3.188%	
			Unknown	0.528%	
			Weather, Storm	0.454%	
			Public Accident	0.133%	
			7 delle Acoldent	100.000%	
				100.000%	
		ONSTANCE 43 H9320420043			Storm outage to single customer. No additional action
CONSTANCE - H9320420043	CONSTANCE 42		Unknown	64.055%	required
CONSTANCE - H9320420043	CONSTANCE 43		Other	22.120%	
			Weather, Storm	13.825%	
				100.000%	
				100.000%	2
				000 000000	2 events due to cable transition equipment failure. De
			Equipment Failure	94.059%	replaced. No addtional action required.
			Planned	2.224%	
COVINGTON - H9322170042	COVINGTON 42	H9322170042	Unknown	1.429%	
			Other	1.382%	
			Wildlife		
				0.644%	
			Public Accident	0.262%	
				100.000%	
			Public Accident	94.265%	Equipment repaired. No further action needed
			Equipment Failure	4.517%	
			Other	0.777%	
COVINGTON - H9322170043	COVINGTON 43	H9322170043	Wildlife	0.200%	
			Planned	0.177%	
			Unknown	0.065%	
			Vegetation	0.000%	
			Weather, Storm	0.000%	
	System chestatical state at 1777/45.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		100.000%	
					Storm outages. Due for trimming in 2017. No additions
			Vegetation	70 289%	actions required
					7
			Weather, Storm	24.700%	
			Unknown	4.365%	
CRESCENT - H9320700041	CRESCENT 41	H9320700041	Equipment Failure	0.312%	
			Wildlife	0.221%	
			Planned	0.051%	
			Other	0.047%	
			loss of transmission	0.014%	
				100.000%	STATE OF THE PROPERTY OF THE P
				100,000%	Storm and de-energization for public safety. No addito
				F0.0540	Storm and de-energization for public safety. No addito
			Vegetation		actions required
			Equipment Failure	14.462%	
			Other	12.498%	
			Unknown	9.508%	
CRESCENT - H9320700042	CRESCENT 42	H9320700042			
			Planned	3.173%	
			Public Accident	0.456%	
			Weather, Storm	0.042%	
			loss of transmission	0.000%	
			loss of transmission Lightning	0.000%	
			Lightning	0.000%	Storm related. No additional actions required
			Lightning Lightning	0.000% 100.000% 75.068%	Storm related. No additional actions required
			Lightning Lightning Unknown	0.000% 100.000% 75.068% 13.087%	
			Lightning Lightning	0.000% 100.000% 75.068%	
OBSOCIATE LINESTONAL	ODEOGENT 10	11220720040	Lightning Lightning Unknown Planned	0.000% 100.000% 75.068% 13.087%	
CRESCENT - H9320700043	CRESCENT 43	H9320700043	Lightning Lightning Unknown Planned Equipment Failure	0.000% 100.000% 75.068% 13.087% 3.959% 2.714%	
CRESCENT - H9320700043	CRESCENT 43	H9320700043	Lightning Lightning Unknown Planned Equipment Failure Vegetation	0.000% 100.000% 75.068% 13.087% 2.714% 2.512%	
CRESCENT - H9320700043	CRESCENT 43	H9320700043	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859%	
CRESCENT - H9320700043	CRESCENT 43	H9320700043	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566%	
CRESCENT - H9320700043	CRESCENT 43	H9320700043	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859%	
CRESCENT - H9320700043	CRESCENT 43	H9320700043	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566%	
CRESCENT - H9320700043	CRESCENT 43	H9320700043	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566%	
CRESCENT - H9320700043	CRESCENT 43	H9320700043	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.236% 100.000%	Storm and UG cable failure. Equipment repaired, No
CRESCENT - H9320700043	CRESCENT 43	H9320700043	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.236% 100.000%	
			Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.236% 100.000% 56.108% 35.597%	Storm and UG cable failure. Equipment repaired, No
CRESCENT - H9320700043 CRESCENT - H9320700045	CRESCENT 43 CRESCENT 45	H9320700043	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.236% 100.000%	Storm and UG cable failure. Equipment repaired, No
			Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.236% 100.000% 56.108% 35.597%	Storm and UG cable failure. Equipment repaired, No additional actions needed
			Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.236% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580%	Storm and UG cable failure. Equipment repaired, No additional actions needed
			Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Unknown	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580%	Storm and UG cable failure. Equipment repaired, No additional actions needed
			Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 1.859% 0.566% 0.266% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed
			Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Uvegetation Wildlife Uvegetation Wildlife Uvegetation Wildlife Other Planned	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580%	Storm and UG cable failure. Equipment repaired, No additional actions needed
			Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Uvegetation Wildlife Uvegetation Wildlife Uvegetation Wildlife Other Planned	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 1.859% 0.566% 0.266% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed
			Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 1.859% 0.566% 0.266% 0.236% 35.597% 3.653% 2.580% 2.062% 0.000%	Storm and UG cable failure. Equipment repaired. No additional actions needed
			Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action needed
			Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 1.859% 0.566% 0.266% 0.236% 35.597% 3.653% 2.580% 2.062% 0.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action needed
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Unknown Vegetation Wildlife Other Planned Public Accident Planned Public Accident Planned	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.236% 100.000% 56.108% 35.597% 3.653% 2.062% 0.000% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action nee
CRESCENT - H9320700045			Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Equipment Failure	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.2366% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Equipment Failure Planned Public Accident Planned Equipment Failure Other	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Equipment Failure Other Planned Equipment Failure Other Unknown	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.236% 100.000% 56.108% 35.597% 3.653% 2.588% 2.062% 0.000% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Equipment Failure Planned Public Accident Planned Equipment Failure Other	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Public Accident Planned Equipment Failure Other Other Lightning	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 0.566% 0.566% 0.266% 100.000% 56.108% 35.597% 3.653% 2.062% 0.000% 100.000% 64.678% 19.180% 15.114% 0.396% 0.264% 0.153%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Public Accident Planned Equipment Failure Other Other Lightning	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.266% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000% 64.678% 19.180% 15.114% 0.264% 0.153% 0.1183% 0.1183%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.266% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000% 64.678% 19.180% 0.396% 0.264% 0.113% 0.118% 0.097% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need upgrades. Equipment repaired.
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife Weather, Storm	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.266% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000% 64.678% 19.180% 0.396% 0.264% 0.113% 0.118% 0.097% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife Weather, Storm	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.266% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000% 64.678% 19.180% 15.114% 0.396% 0.264% 0.153% 0.118% 0.097% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need to the story of th
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife Weather, Storm	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 0.000% 100.000% 64.678% 19.180% 15.114% 0.3966% 0.264% 0.118% 0.118% 0.118% 0.118% 0.197%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need the storm of the s
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife Weather, Storm Lightning Wildlife Equipment Failure	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000% 64.678% 19.180% 15.114% 0.396% 0.264% 0.153% 0.118% 0.097% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action needed. Majority caused by lightning from weather. Fuses replined additional action required.
CRESCENT - H9320700045 CRITTENDEN - H9321240041	CRESCENT 45 CRITTENDEN 41	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife Weather, Storm	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 0.000% 100.000% 64.678% 19.180% 15.114% 0.3966% 0.264% 0.118% 0.118% 0.118% 0.118% 0.197%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need to be additional action required to additional action required.
CRESCENT - H9320700045	CRESCENT 45	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Equipment Failure Unknown Lightning Wildlife Weather, Storm Lightning Wildlife Weather, Storm	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.266% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000% 54.678% 19.180% 0.15144% 0.153% 0.153% 0.118% 0.097% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need to be additional action required to additional action required.
CRESCENT - H9320700045 CRITTENDEN - H9321240041	CRESCENT 45 CRITTENDEN 41	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife Weather, Storm Lightning Wildlife Equipment Failure Planned	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.236% 100.000% 56.108% 35.597% 3.653% 2.062% 0.000% 100.000% 64.678% 19.180% 15.114% 0.366% 0.264% 0.118% 0.118% 0.118% 0.153% 0.118% 0.173%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need to be additional action required to additional action required.
CRESCENT - H9320700045 CRITTENDEN - H9321240041	CRESCENT 45 CRITTENDEN 41	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Gother Planned Public Accident Planned Equipment Failure Vegetation Wildlife Unknown Lightning Wildlife Weather, Storm Lightning Wildlife Unknown Lightning Wildlife Weather, Storm	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.266% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000% 64.678% 19.180% 0.264% 0.153% 0.118% 0.190% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need upgrades action need to be a second to be a secon
CRESCENT - H9320700045 CRITTENDEN - H9321240041	CRESCENT 45 CRITTENDEN 41	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife Weather, Storm Lightning Wildlife Equipment Failure Planned	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.236% 100.000% 56.108% 35.597% 3.653% 2.062% 0.000% 100.000% 64.678% 19.180% 15.114% 0.366% 0.264% 0.153% 0.118% 0.118% 0.153% 0.118% 0.173%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need upgrades action need to be a second to be a secon
CRESCENT - H9320700045 CRITTENDEN - H9321240041	CRESCENT 45 CRITTENDEN 41	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Equipment Failure Vegetation Wildlife Other Planned Public Accident Public Accident Lightning Wildlife Weather, Storm Lightning Wildlife Weather, Storm Lightning Wildlife Equipment Failure Planned Vegetation Public Accident Lightning Vildlife Accident Planned Vegetation Public Accident Planned Vegetation Public Accident Linknown	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.266% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000% 64.678% 19.180% 0.153% 0.1514% 0.396% 0.153% 0.118% 0.097% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need upgrades action need to be a second to be a secon
CRESCENT - H9320700045 CRITTENDEN - H9321240041	CRESCENT 45 CRITTENDEN 41	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife Weather, Storm Lightning Wildlife Equipment Failure Other Unknown Lightning Wildlife Weather, Storm	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.236% 100.000% 56.108% 35.597% 3.653% 2.180% 100.000% 100.000% 100.000% 56.108% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need was a second to the control of the
CRESCENT - H9320700045 CRITTENDEN - H9321240041	CRESCENT 45 CRITTENDEN 41	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Equipment Failure Vegetation Wildlife Other Planned Public Accident Public Accident Lightning Wildlife Weather, Storm Lightning Wildlife Weather, Storm Lightning Wildlife Equipment Failure Planned Vegetation Public Accident Lightning Vildlife Accident Planned Vegetation Public Accident Planned Vegetation Public Accident Linknown	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.266% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000% 64.678% 19.180% 0.264% 0.153% 0.118% 0.197% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need was a support of the control of th
CRESCENT - H9320700045 CRITTENDEN - H9321240041	CRESCENT 45 CRITTENDEN 41	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife Weather, Storm Lightning Wildlife Equipment Failure Other Unknown Lightning Wildlife Weather, Storm	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.566% 0.236% 100.000% 56.108% 35.597% 3.653% 2.180% 100.000% 100.000% 100.000% 56.108% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need upgrades. Equipment repaired. No further action need upgrades. An additional action required.
CRESCENT - H9320700045 CRITTENDEN - H9321240041 DAYTON - H9320760042	CRESCENT 45 CRITTENDEN 41 DAYTON 42	H9320700045 H9321240041 H9320760042	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Unknown Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife Weather, Storm Lightning Wildlife Equipment Failure Other Unknown Lightning Wildlife Unknown Other Weather, Storm	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.266% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 100.000% 100.000% 64.678% 19.180% 15.114% 0.366% 0.264% 0.133% 0.118% 0.118% 0.118% 0.291% 10.1000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need was a second to additional action required. Majority caused by lightning from weather. Fuses replay to additional action required.
CRESCENT - H9320700045 CRITTENDEN - H9321240041	CRESCENT 45 CRITTENDEN 41	H9320700045	Lightning Lightning Unknown Planned Equipment Failure Vegetation Wildlife Weather, Storm Other Equipment Failure Vegetation Wildlife Other Planned Public Accident Planned Equipment Failure Other Unknown Lightning Wildlife Weather, Storm Lightning Wildlife Equipment Failure Other Unknown Lightning Wildlife Weather, Storm	0.000% 100.000% 75.068% 13.087% 3.959% 2.714% 2.512% 1.859% 0.266% 0.236% 100.000% 56.108% 35.597% 3.653% 2.580% 2.062% 0.000% 100.000% 64.678% 19.180% 0.264% 0.153% 0.118% 0.197% 100.000%	Storm and UG cable failure. Equipment repaired, No additional actions needed Public accident And planned transformer protection upgrades. Equipment repaired. No further action need was a second to the second process of

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	ASSOCIATION OF THE SECOND			100.000%	Page 6 o
	DIXIE 42	H9320890042	Equipment Failure	98.566%	Bus fault within the substation- repaired. No addtional required
DIXIE - H9320890042			Public Accident	0.529%	
			Other	0.478%	
			Planned	0.426%	
			Public Accident	100.000%	Pole replaced. No additional action required
DIXIE - H9320890044	DIXIE 44	H9320890044	Equipment Failure	40.080%	
			Equipment Failure	100.000%	
				100,000%	Conductor failure repaired. Transformer retrofits- plan
			Equipment Failure	54.670%	outages. No additional action required
		H9320550041	Unknown	22.866%	
	1		Other	6.467%	
DONALDSON HOSSOFFOOAS	DONALDSON 41		Vegetation	4.930%	
DONALDSON - H9320550041		H9320550041	Weather, Storm	4.514%	
			Planned	4.177%	
			Lightning	1.948%	
			Wildlife	0.299%	
			Public Accident	0.131%	
				100.000%	
			Equipment Failure	75 2200/	Failed OH to UG pothead- replaced. No additional act required
	1		Vegetation	15.639%	
DONALDSON - H9320550043	DONALDSON 43	H9320550043	Other	6.238%	
3.0.12.200.1	BOTT/LEBOOT 45	118320330043	Weather, Storm	2.430%	
	1		Planned	0.259%	
			Unknown	0.095%	
				100.000%	
				200.00070	Transmission restored. Pole replaced. No additional a
1	1		Planned		required
	And the second second second		Equipment Failure	29.252%	
DONALDSON - H9320550044	DONALDSON 44	H9320550044	Weather, Storm	26.489%	
	1		Vegetation	2.895%	
	1		Wildlife	0.639%	
			Other	0.361%	
				100.000%	One customer large and transfer
EMPIRE - H9322890042	EMPIRE 42	H9322890042	Equipment Failure	100.000%	One customer large pad transformer replaced. No add action required
			Equipment randre	100.000%	action required
				100.000%	Broken cross-arm caused multiple equipment failure.
	- 1		Equipment Failure	93.188%	Repaired. No additional action requiredmab
			Weather, Storm	2.675%	
FLORENCE - H9322410045	FLORENCE 45	H9322410045	Vegetation	2.109%	
1 EUNE 1 118322410043	PLOKENCE 45	H9322410045	Planned	1.795%	
1			Other	0.233%	
			Unknown	0.000%	
			Public Accident	0.000%	
				100.000%	(1) 在中华的中华的特别的《10·10·10·10·10·10·10·10·10·10·10·10·10·1
			Weather, Storm		Transmission restored. No additional action required
FLORENCE - H9322410047	FLORENCE 47	H9322410047	Equipment Failure	32.676%	
			Planned	10.942%	
	PATENCIA DE LOS CONTRACTOS DO COMO ESTADO		Wildlife	4.801%	
GRANT - H9321610041	GRANT 41	H9321610041	Vegetation	100.000%	Tree removed from line. No additional action required
010111 110021010041	SIGNIT 41	H5321010041	vegetation	100.000%	Tree removed from line. No additional action required
GRANT - H9321610043	GRANT 43	H9321610043	Equipment Failure		Planned Outage to replace equipment
		110021010040	Equipment randre	100.000%	riamied Odrage to replace equipment
			Public Accident		Minor problems repaired. No additional action required
1			Vegetation	30.068%	The problems repaired. We additional action required
1			Unknown	20.310%	
HANDS PROSTOROSTS	LIANDO 20		Planned	3.613%	
HANDS - H9321280042	HANDS 42	H9321280042	Lightning	2.552%	
			Wildlife	1.491%	
			Equipment Failure	1.300%	
			Other	0.812%	
			Part Control	100.000%	
					Majority trees on rear lot lines. Trees removed. No
		H9321280044	Equipment Failure		additional action required
HANDS - H9321280044	HANDS 44		Vegetation	34.857%	
			Planned	3.231%	
			Other	0.157%	
			Unknown	0.059%	
				100.000%	Minor problems Fuse and connection repaired. No add
HEBRON - H9321520043	HEBRON 43	H9321520043	Equipment Failure	100.000%	action required
			Man establishment value	100.000%	
					Neutral repaired. Scheduled OH retrofit outages. No
			Vegetation		additional action required
		1	Planned	21.968%	
			Equipment Failure	11.836%	
KENTON - H9320090041	KENTON 41	H9320090041	Other	0.704%	
			Weather, Storm	0.544%	
1			Lightning	0.504%	
1			Wildlife	0.462%	
			loss of transmission	0.026%	
				100.000%	
			Lightning		Lightning- fuses replaced. No additional action required
1			Unknown	27.355%	
KENTON - H0320000042			Vegetation	23.301%	
	KENTON 42	H9320090042	Wildlife	15.594%	
KENTON - H9320090042	KENTON 42 H9320		Weather, Storm	1.021%	
KENTON - H9320090042				0.273%	
KENTON - H9320090042			Other		
KENTON - H9320090042			Planned	0.173%	
KENTON - H9320090042					

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KENTON - H9320090043			1.1				
KENTON - H9320090043			Vegetation	40.850%			
KENTON - H9320090043	KENTON 43	H9320090043	Planned	0.354%			
KENTON - H9320090043			Wildlife	0.113%			
11211011			Unknown	0.108%			
			Other	0.048%			
			Equipment Failure	0.047%			
			Lightning	0.046%			
			Public Accident	0.000%			
				100.000%			
		KENTON 44 H9320090044		200,000,0	Trees in multiple areas removed and trimmedNo additional		
					Vegetation	43.514%	action required
				Other	19.598%		
KENTON - H9320090044	KENTON 44		Equipment Failure	15.211%			
	RENION 44		Planned	9.625%			
			Wildlife	5.313%			
			Public Accident	5.126%			
			Unknown	1.613%			
	BOSS DECEMBER SUPERIORS		BRANCE RESIDENCE STREET	100.000%	CONTROL OF A CONTR		
				100.000%	Circuit lockout due to HLT for crew working on line. Restore		
			Other	70.003%/	to service. No additional action required		
			Vegetation	15.219%			
KY UNIV - H9322870043	KY UNIV 43	H9322870043	Equipment Failure	7.940%			
111 01114 - 110022070040	KI SINIV 45	118322070043	Public Accident	3.368%			
			Weather, Storm	2.154%			
			Wildlife	1.226%			
		70 × 10 × 10 × 10 × 10 × 10 × 10 × 10 ×	Lightning	0.000%			
				100.000%	829/ of CMI from 2 over 15 th at least 1		
			Marie Co		83% of CMI from 2 events that impacted 1 customer each -		
	4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -		Weather, Storm		All repairs made. No additional action required		
LONGBRANCH - H9320980041	LONGBRANCH 41	H9320980041	Unknown	34.373%			
			Other	6.180%			
			Wildlife	3.531%			
			TTIGHT				
				100.000%	POOL ON Gran Van and Co.		
			Vegetation	50.936%	80% CMI from Veg and Storms		
		I					
			Planned	30.912%	Circuit due for full trim in 2017. No additional action required		
	1		Weather, Storm	13.357%			
LONGBRANCH - H9320980042	LONGBRANCH 42	H9320980042	Equipment Failure	3.596%			
2011001011011-11002000042	EONOBIONOTT 42	118320800042					
			Wildlife	0.467%			
			Other	0.447%			
			Public Accident	0.286%			
			Unknown	0.000%			
			Olkilowii				
				100.000%			
			Lightning	58.387%	Lightning Cause of majority of CMI		
			Equipment Failure		Circuit due for full trim in 2017		
			Equipment I dilate		Most of the equipment failure CMI from 1 cable failure that		
LONGBRANCH - H9320980043	LONGBRANCH 43	H9320980043	Public Accident		was repaired. No additional action required		
					was repaired. 140 additional action required		
			Other	0.993%			
			Vegetation	0.741%			
				100.000%			
					50% CMI from 1 event due to defective Hot Line Clamp -		
			Equipment Failure	66.426%	Repairs made		
					Due for full trim in 2017 No additional action required		
			Vegetation	23 500%	Dae for fair triff in 2017 140 additional action required		
NT 7101/ 11000000000	NATE TRANSPORT		Vegetation				
MT ZION - H9323050043	MT ZION 43	H9323050043	Planned	7.610%			
MT ZION - H9323050043	MT ZION 43	H9323050043					
MT ZION - H9323050043	MT ZION 43	H9323050043	Planned	7.610% 1.594%			
MT ZION - H9323050043	MT ZION 43	H9323050043	Planned Other Unknown	7.610% 1.594% 0.861%			
MT ZION - H9323050043	MT ZION 43	H9323050043	Planned Other	7.610% 1.594% 0.861% 0.000%			
MT ZION - H9323050043	MT ZION 43	H9323050043	Planned Other Unknown	7.610% 1.594% 0.861% 0.000% 100.000%	OW CHI for 3 and 6 and and all his in a		
MT ZION - H9323050043	MT ZION 43	H9323050043	Planned Other Unknown Weather, Storm	7.610% 1.594% 0.861% 0.000% 100.000%	97% CMI from 3 events - Corrections made at the time of		
MT ZION - H9323050043	MT ZION 43	H9323050043	Planned Other Unknown	7.610% 1.594% 0.861% 0.000% 100.000%			
			Planned Other Unknown Weather, Storm Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187%	event		
MT ZION - H9323050043 OAKBROOK STA - H9322100041	MT ZION 43 OAKBROOK STA 41	H9323050043	Planned Other Unknown Weather, Storm Equipment Failure Other	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217%	event Circuit due for full trim in 2017. No additional action required		
			Planned Other Unknown Weather, Storm Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187%	event Circuit due for full trim in 2017. No additional action required		
			Planned Other Unknown Weather, Storm Equipment Failure Other	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174%	event Circuit due for full trim in 2017. No additional action required		
			Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422%	event Circuit due for full trim in 2017. No additional action required		
			Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000%	event Circuit due for full trim in 2017. No additional action required		
			Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident	7.610% 1.594% 0.861% 0.0861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000%	event Circuit due for full trim in 2017. No additional action required		
			Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown	7.610% 1.594% 0.861% 0.0861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000%	event Circuit due for full trim in 2017. No additional action required		
			Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure	7.610% 1.594% 0.861% 0.0861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made		
			Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289%	event Circuit due for full trim in 2017. No additional action required		
			Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure	7.610% 1.594% 0.861% 0.0861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made		
			Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made		
OAKBROOK STA - H9322100041	OAKBROOK STA 41	H9322100041	Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident	7.610% 1.594% 0.861% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made		
OAKBROOK STA - H9322100041	OAKBROOK STA 41	H9322100041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made		
OAKBROOK STA - H9322100041	OAKBROOK STA 41	H9322100041	Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.142%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made		
OAKBROOK STA - H9322100041	OAKBROOK STA 41	H9322100041	Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made		
OAKBROOK STA - H9322100041	OAKBROOK STA 41	H9322100041	Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.142%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made		
OAKBROOK STA - H9322100041	OAKBROOK STA 41	H9322100041	Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning	7.610% 1.594% 0.861% 0.0861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 11.550% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.0054%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made		
OAKBROOK STA - H9322100041	OAKBROOK STA 41	H9322100041	Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required		
OAKBROOK STA - H9322100041	OAKBROOK STA 41	H9322100041	Planned Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife	7.610% 1.594% 0.861% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.141% 0.054% 0.054% 0.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042	OAKBROOK STA 41	H9322100041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.000% 100.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required		
OAKBROOK STA - H9322100041	OAKBROOK STA 41	H9322100041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.042% 0.054% 0.054% 0.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042	OAKBROOK STA 41 OAKBROOK STA 42	H9322100041 H9322100042	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 110.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.0141% 0.054% 0.000% 100.000% 100.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042	OAKBROOK STA 41 OAKBROOK STA 42	H9322100041 H9322100042	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.042% 0.054% 0.054% 0.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000% 100.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042	OAKBROOK STA 41 OAKBROOK STA 42	H9322100041 H9322100042	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.000% 100.000% 64.172% 33.149% 2.102% 0.351%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042	OAKBROOK STA 41 OAKBROOK STA 42	H9322100041 H9322100042	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.0141% 0.054% 0.000% 100.000% 40.000% 100.000% 20.25%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042	OAKBROOK STA 41 OAKBROOK STA 42	H9322100041 H9322100042	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 110.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.000% 100.000% 64.172% 33.149% 2.102% 0.351% 0.351% 0.025%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042	OAKBROOK STA 41 OAKBROOK STA 42	H9322100041 H9322100042	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.000% 100.000% 64.172% 33.149% 2.102% 0.351% 0.325% 10.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042	OAKBROOK STA 41 OAKBROOK STA 42	H9322100041 H9322100042	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure Vegetation Public Accident Vidiffe Vegetation Public Accident Vegetation Public Accident Vegetation Public Accident Vidiffe	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.000% 100.000% 64.172% 33.149% 2.102% 0.351% 0.225% 100.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042	OAKBROOK STA 41 OAKBROOK STA 42	H9322100041 H9322100042	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.000% 100.000% 64.172% 33.149% 2.102% 0.351% 0.325% 10.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042 RICHWOOD - H9321990041	OAKBROOK STA 41 OAKBROOK STA 42 RICHWOOD 41	H9322100041 H9322100042 H9321990041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure Other Public Accident Wildlife	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.000% 100.000% 64.172% 33.149% 2.102% 0.351% 0.351% 0.255% 100.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042	OAKBROOK STA 41 OAKBROOK STA 42	H9322100041 H9322100042	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure Public Accident Wildlife Public Accident Wildlife Public Accident Weather, Storm Equipment Failure	7.610% 1.594% 0.861% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.000% 100.000% 64.172% 33.149% 2.102% 10.351% 0.225% 100.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042 RICHWOOD - H9321990041	OAKBROOK STA 41 OAKBROOK STA 42 RICHWOOD 41	H9322100041 H9322100042 H9321990041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Planned Vegetation Public Accident Other Unknown Lightning Wildife Vegetation Equipment Failure Other Public Accident Wildife Public Accident Other Cother	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 11.550% 10.701% 7.123% 0.142% 0.141% 0.0547% 33.149% 2.102% 33.149% 2.102% 10.351% 0.225% 100.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042 RICHWOOD - H9321990041	OAKBROOK STA 41 OAKBROOK STA 42 RICHWOOD 41	H9322100041 H9322100042 H9321990041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure Other Public Accident Wildlife Public Accident Wildlife Public Accident Wildlife Public Accident Wildlife Public Accident Unknown Equipment Failure Other Other Other Other Other Other Other Other Other	7.610% 1.594% 0.861% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.0141% 0.054% 0.000% 100.000% 64.172% 33.149% 2.102% 0.351% 0.225% 100.000% 94.153% 4.409% 0.591% 0.373%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042 RICHWOOD - H9321990041	OAKBROOK STA 41 OAKBROOK STA 42 RICHWOOD 41	H9322100041 H9322100042 H9321990041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Planned Vegetation Public Accident Other Unknown Lightning Wildife Vegetation Equipment Failure Other Public Accident Wildife Public Accident Other Cother	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 11.550% 10.701% 7.123% 0.142% 0.141% 0.0547% 33.149% 2.102% 33.149% 2.102% 10.351% 0.225% 100.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042 RICHWOOD - H9321990041	OAKBROOK STA 41 OAKBROOK STA 42 RICHWOOD 41	H9322100041 H9322100042 H9321990041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure Other Public Accident Wildlife Public Accident Wildlife Public Accident Wildlife Public Accident Wildlife Public Accident Unknown Equipment Failure Other Other Other Other Other Other Other Other Other	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.000% 100.000% 64.172% 33.149% 2.102% 2.102% 10.351% 0.255% 100.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042 RICHWOOD - H9321990041	OAKBROOK STA 41 OAKBROOK STA 42 RICHWOOD 41	H9322100041 H9322100042 H9321990041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildife Vegetation Equipment Failure Other Public Accident Wildife Public Accident Wildife Public Accident Wildife	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.000% 100.000% 41.72% 33.149% 2.102% 0.351% 0.225% 100.000% 94.153% 4.409% 0.591% 0.373% 0.345% 0.0373%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event. No additional action required 91% of CMI from 1 auto damage. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042 RICHWOOD - H9321990041	OAKBROOK STA 41 OAKBROOK STA 42 RICHWOOD 41	H9322100041 H9322100042 H9321990041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure Other Public Accident Widdife Public Accident Weather, Storm Equipment Failure Other Unknown Planned Vegetation	7.610% 1.594% 0.861% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 110.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.0141% 0.054% 0.000% 100.000% 4.172% 33.149% 2.102% 0.351% 0.225% 100.000% 4.409% 0.591% 0.591% 0.591% 0.373% 0.345% 0.129% 0.373% 0.345% 0.129%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event No additional action required 91% of CMI from 1 auto damage. No additional action required		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042 RICHWOOD - H9321990041	OAKBROOK STA 41 OAKBROOK STA 42 RICHWOOD 41	H9322100041 H9322100042 H9321990041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildife Vegetation Equipment Failure Other Public Accident Wildife Public Accident Wildife Public Accident Wildife	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.042% 0.141% 0.054% 0.000% 33.149% 2.102% 2.102% 10.000% 94.153% 4.409% 0.5591% 0.373% 0.345% 0.129% 100.000% 71.253% 0.129%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event No additional action required 91% of CMI from 1 auto damage. No additional action required Majority of Veg CMI from 1 events Equipment failures repaired at the time of event		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042 RICHWOOD - H9321990041	OAKBROOK STA 41 OAKBROOK STA 42 RICHWOOD 41	H9322100041 H9322100042 H9321990041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure Other Public Accident Widdife Public Accident Widdife Public Accident Widdife Public Accident Widdife Public Accident Weather, Storm Equipment Failure Other Unknown Planned Vegetation	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.042% 0.141% 0.054% 0.000% 33.149% 2.102% 2.102% 10.000% 94.153% 4.409% 0.5591% 0.373% 0.345% 0.129% 100.000% 71.253% 0.129%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event No additional action required 91% of CMI from 1 auto damage. No additional action required Majority of Veg CMI from 1 events Equipment failures repaired at the time of event		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042 RICHWOOD - H9321990041	OAKBROOK STA 41 OAKBROOK STA 42 RICHWOOD 41	H9322100041 H9322100042 H9321990041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildife Vegetation Equipment Failure Other Public Accident Wildife Public Accident Wildife Vegetation Equipment Failure Other Unknown Lightning Vegetation Equipment Failure Other Unknown Public Accident Veather, Storm Equipment Failure Other Unknown Planned Vegetation Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.000% 100.000% 41.72% 33.149% 2.102% 33.149% 2.102% 0.351% 0.225% 100.000% 94.153% 4.409% 0.591% 0.373% 0.345% 0.129% 0.313% 0.345% 0.129% 100.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event No additional action required 91% of CMI from 1 auto damage. No additional action required Majority of Veg CMI from 1 events Equipment failures repaired at the time of event		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042 RICHWOOD - H9321990041	OAKBROOK STA 41 OAKBROOK STA 42 RICHWOOD 41	H9322100041 H9322100042 H9321990041 H9321990043	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildlife Vegetation Equipment Failure Other Public Accident Wildlife Vegetation Equipment Failure Other Public Accident Wildlife Vegetation Equipment Failure Other Public Accident Veather, Storm Equipment Failure Other Unknown Planned Vegetation Equipment Failure Other Unknown Planned Vegetation Equipment Failure Lightning	7.610% 1.594% 0.861% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.000% 100.000% 4.172% 33.149% 2.102% 0.351% 0.351% 0.255% 100.000% 94.153% 4.409% 0.591% 0.373% 0.345% 0.129% 10.373% 0.345% 0.129% 100.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event No additional action required 91% of CMI from 1 auto damage. No additional action required Majority of Veg CMI from 1 events Equipment failures repaired at the time of event All transformers to be retrofitted in 2017. No additional action		
OAKBROOK STA - H9322100041 OAKBROOK STA - H9322100042 RICHWOOD - H9321990041	OAKBROOK STA 41 OAKBROOK STA 42 RICHWOOD 41	H9322100041 H9322100042 H9321990041	Planned Other Other Unknown Weather, Storm Equipment Failure Other Vegetation Unknown Public Accident Equipment Failure Planned Vegetation Public Accident Other Unknown Lightning Wildife Vegetation Equipment Failure Other Public Accident Wildife Public Accident Wildife Vegetation Equipment Failure Other Unknown Lightning Vegetation Equipment Failure Other Unknown Public Accident Veather, Storm Equipment Failure Other Unknown Planned Vegetation Equipment Failure	7.610% 1.594% 0.861% 0.000% 100.000% 39.187% 34.217% 26.174% 0.422% 0.000% 100.000% 70.289% 11.550% 10.701% 7.123% 0.142% 0.141% 0.054% 0.000% 100.000% 41.72% 33.149% 2.102% 33.149% 2.102% 0.351% 0.225% 100.000% 94.153% 4.409% 0.591% 0.373% 0.345% 0.129% 0.313% 0.345% 0.129% 100.000%	event Circuit due for full trim in 2017. No additional action required Majority of CMI from 3 different events- Repairs made Circuit due for full trim in 2017. No additional action required 87% CMI from same outage event - Repairs made at time of event No additional action required 91% of CMI from 1 auto damage. No additional action required Majority of Veg CMI from 1 events Equipment failures repaired at the time of event All transformers to be retrofitted in 2017. No additional action		

Exhibit A Page 8 of 9

1	,		Unknown	0.115%	
,			Wildlife	0.048%	
			Public Accident	0.019%	
				100.000%	
			Unknown		72% of CMI fro 2 small outage events
			Cinaiouni	43.07476	All transformers to be retrofitted in 2017 No additional a
	1		Weather, Storm	24.786%	required
	,		Planned	7.835%	
SILVER GROVE - H9320620042	SILVER GROVE 42	H9320620042			
		110020020042	Other	5.840%	
	1		Wildlife	5.437%	
	,		Public Accident	3.680%	
			Vegetation	3.348%	
			regulation	100.000%	
			Dublic Assided		
,	,	SILVER GROVE 43 H9320620043	Public Accident	58.319%	Majority of CMI from Auto Damages
,	1		14	22.0420	All transformers to be retrofitted in 2017 No additional a required
SILVER GROVE - H9320620043	SILVER GROVE 43		Vegetation	22.013%	required
			Other	9.310%	
			Lightning	4.602%	
			Planned	3.474%	
,			Weather, Storm	2.077%	
			Unknown	0.178%	
	,		Equipment Failure	0.027%	
			Equipment Failure		
				100.000%	
					87% of CMI from Auto Damges. Pole replaced No add
	,		Public Accident		action required
	1		Weather, Storm	7.150%	
	[Equipment Failure	3.136%	
			Planned	0.823%	
VERONA - H9321250041	VERONA 41	H9321250041	Lightning	0.761%	
			Vegetation	0.599%	
			Unknown	0.201%	
			Wildlife	0.169%	
			loss of transmission	0.048%	
			THE PROPERTY OF THE PARTY OF TH	100.000%	
				100.000%	Mostly storm related outages addressed at the time of
			Weather, Storm	75.573%	No additional action required
	[Tre additional action required
			Vegetation	16.038%	
			Other	3.292%	
VILLA - H9322430041	VILLA 41	H9322430041	Unknown	2.962%	
			Planned	1.724%	
			Wildlife	0.276%	
	· · · · · · · · · · · · · · · · · · ·				
			Equipment Failure	0.135%	
			Public Accident	0.000%	
			国际的 第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	100.000%	The state of the s
					83% of CMI from 1 outage event that heppened during
			Weather, Storm	83.476%	storm - Repairs made No additional action required
			Equipment Egilure		
				15.769%	
VIII I A H0322430042	VIII A 42	H0322430042	Equipment Failure	15.769%	
VILLA - H9322430042	VILLA 42	H9322430042	Unknown	0.715%	
VILLA - H9322430042	VILLA 42	H9322430042	Unknown Wildlife	0.715% 0.040%	
VILLA - H9322430042	VILLA 42	H9322430042	Unknown Wildlife Other	0.715% 0.040% 0.000%	
VILLA - H9322430042	VILLA 42	H9322430042	Unknown Wildlife	0.715% 0.040%	
VILLA - H9322430042	VILLA 42	H9322430042	Unknown Wildlife Other	0.715% 0.040% 0.000%	
VILLA - H9322430042	VILLA 42	H9322430042	Unknown Wildlife Other	0.715% 0.040% 0.000% 0.000%	85% of CMI from 1 Veg outage that was addressed at t
VILLA - H9322430042	VILLA 42	H9322430042	Unknown Wildlife Other Planned	0.715% 0.040% 0.000% 0.000% 100.000%	85% of CMI from 1 Veg outage that was addressed at the of event. No additional action required
VILLA - H9322430042	VILLA 42	H9322430042	Unknown Wildlife Other Planned Vegetation	0.715% 0.040% 0.000% 0.000% 100.000% 86.308%	
			Unknown Wildlife Other Planned Vegetation Equipment Failure	0.715% 0.040% 0.000% 0.000% 100.000% \$6.308% 7.167%	
VILLA - H9322430042 VILLA - H9322430043	VILLA 42 VILLA 43	H9322430042 H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139%	time of event No additional action required
			Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm	0.715% 0.040% 0.000% 0.000% 100.000% 100.000% 86.308% 7.167% 5.139%	time of event No additional action required
			Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139%	time of event No additional action required
			Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm	0.715% 0.040% 0.000% 0.000% 100.000% 100.000% 86.308% 7.167% 5.139%	time of event No additional action required
			Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown	0.715% 0.040% 0.000% 100.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055%	time of event No additional action required
			Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078%	time of event No additional action required
			Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 0.055% 0.075% 100.000%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required.
			Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 0.055% 0.075% 100.000%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required.
			Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure to was repaired. No additional action required.
VILLA - H9322430043	VILLA 43	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure to was repaired. No additional action required.
VILLA - H9322430043			Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.078% 100.000% 58.928% 21.415% 6.703% 5.201%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required.
VILLA - H9322430043	VILLA 43	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required.
VILLA - H9322430043	VILLA 43	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.078% 100.000% 58.928% 21.415% 6.703% 5.201%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure to was repaired. No additional action required.
VILLA - H9322430043	VILLA 43	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required.
VILLA - H9322430043	VILLA 43	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Unknown Weather, Storm	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.3.20% 1.689%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required.
VILLA - H9322430043	VILLA 43	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required.
VILLA - H9322430043	VILLA 43	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Unknown Weather, Storm	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.3.20% 1.689%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20
VILLA - H9322430043	VILLA 43	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862% 100.000%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20. Storm related outages - All corrections made - Station.
VILLA - H9322430043	VILLA 43	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862% 100.000%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure II was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20. Storm related outages - All corrections made - Station. Recloser Replaced. No additional action required.
VILLA - H9322430043	VILLA 43	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Vegetation	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.8282% 2.320% 1.689% 0.862% 100.000%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure It was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20. Storm related outages - All corrections made - Station Recloser Replaced.
VILLA - H9322430043	VILLA 43	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862% 100.000%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure II was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20. Storm related outages - All corrections made - Station. Recloser Replaced. No additional action required.
VILLA - H9322430043 WEST END STA - H40C0150041	VILLA 43 WEST END STA 41	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Vegetation	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.8282% 2.320% 1.689% 0.862% 100.000%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 cables of the control
VILLA - H9322430043 #EST END STA - H40C0150041	VILLA 43	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Planned Other Weather, Storm Planned Other Guipment Failure Control	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862% 100.000% 75.638% 19.887% 2.529%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 cables of the control
VILLA - H9322430043 #EST END STA - H40C0150041	VILLA 43 WEST END STA 41	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Vegetation Unknown Equipment Failure Planned	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862% 100.000% 75.638% 19.887% 2.529% 1.071% 0.358%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure that was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 cables of the control
VILLA - H9322430043 #EST END STA - H40C0150041	VILLA 43 WEST END STA 41	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Planned Other	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 0.362% 100.000% 75.638% 19.887% 2.529% 1.071% 0.358% 0.358% 0.358% 0.358%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 captures of the control of the contro
VILLA - H9322430043 ÆST END STA - H40C0150041	VILLA 43 WEST END STA 41	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Planned Other Weather, Storm Planned Duknown Liguipment Failure Planned Lighthinig	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862% 100.000% 75.638% 19.887% 2.529% 1.071% 0.358% 0.187% 0.152%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 captures of the control of the contro
VILLA - H9322430043 ÆST END STA - H40C0150041	VILLA 43 WEST END STA 41	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Planned Other	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 0.362% 100.000% 75.638% 19.887% 2.529% 1.071% 0.358% 0.358% 0.358% 0.358%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 captures of the control of the contro
VILLA - H9322430043 ÆST END STA - H40C0150041	VILLA 43 WEST END STA 41	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Planned Other Weather, Storm Planned Duknown Liguipment Failure Planned Lighthinig	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862% 100.000% 75.638% 19.887% 2.529% 1.071% 0.358% 0.187% 0.152%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 captures. Storm related outages - All corrections made - Station Recloser Replaced. No additional action required.
VILLA - H9322430043 ÆST END STA - H40C0150041	VILLA 43 WEST END STA 41	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Vegetation Unknown Equipment Failure Unknown Un	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862% 100.000% 75.638% 19.887% 0.2529% 1.071% 0.358% 0.187% 0.152% 0.094% 0.095%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 captures. Storm related outages - All corrections made - Station Recloser Replaced. No additional action required.
VILLA - H9322430043 ÆST END STA - H40C0150041	VILLA 43 WEST END STA 41	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Vegetation Unknown Equipment Failure Unknown Un	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.652% 100.000% 75.638% 19.887% 2.529% 1.071	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 captures. Storm related outages - All corrections made - Station Recloser Replaced. No additional action required.
VILLA - H9322430043 #EST END STA - H40C0150041	VILLA 43 WEST END STA 41	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Vegetation Unknown Equipment Failure Unknown Un	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862% 100.000% 75.638% 19.887% 0.2529% 1.071% 0.358% 0.187% 0.152% 0.094% 0.095%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure it was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 captures. No additional action required. Storm related outages - All corrections made - Station Recloser Replaced. No additional action required.
VILLA - H9322430043 #EST END STA - H40C0150041	VILLA 43 WEST END STA 41	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Vegetation Unknown Equipment Failure Unknown Un	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862% 100.000% 75.638% 19.887% 0.2529% 1.071% 0.358% 0.187% 0.152% 0.094% 0.095%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 several Veg outages - Circuit due for full trim in 20 several Veg outages - All corrections made - Station Recloser Replaced. No additional action required. Storm related outages - All corrections made - Station Recloser Replaced. No additional action required.
VILLA - H9322430043 #EST END STA - H40C0150041	VILLA 43 WEST END STA 41	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Vegetation Unknown Lightned Public Accident Unknown Unknown Unknown Unknown Unknown Lightning Other Viditife	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862% 100.000%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure I was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 several Veg outages - All corrections made - Station Recloser Replaced. No additional action required. Recloser Replaced. No additional action required.
VILLA - H9322430043 #EST END STA - H40C0150041	VILLA 43 WEST END STA 41	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Vegetation Unknown Lightning Equipment Failure Unknown Weather, Storm Vegetation Unknown Unknow	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862% 100.000% 75.638% 19.887% 2.529% 1.071% 0.358% 0.187% 0.187% 0.158% 0.085% 100.000%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure to was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 several Veg outages - Circuit due for full trim in 20 several Veg outages - All corrections made - Station Recloser Replaced. No additional action required. Recloser Replaced. No additional action required several Veg of CMI from 1 outage - Tree trimmers hit down-guclearing brush, causing it to break and recoil into prima causing the outage. No additional action required causing the outage. No additional action required
VILLA - H9322430043 #EST END STA - H40C0150041	VILLA 43 WEST END STA 41	H9322430043	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Vegetation Unknown Lightner Lightning Other Wildlife Other Planned	0.715% 0.040% 0.000% 0.000% 100.0009 86.308% 7.167% 5.139% 1.252% 0.078% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 100.000% 75.638% 19.887% 2.5.29% 1.071% 0.355% 0.187% 0.187% 0.1887% 0.1887% 0.1887% 0.1887% 0.1887% 0.189%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure the was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 several Veg outages - Circuit due for full trim in 20 several Veg outages - All corrections made - Station Recloser Replaced. No additional action required. Storm related outages - All corrections made - Station Recloser Replaced. No additional action required.
VILLA - H9322430043 WEST END STA - H40C0150041 WHITE TOWER - H9323040041	WEST END STA 41 WHITE TOWER 41	H9322430043 H40C0150041 H9323040041	Unknown Wildlife Other Planned Vegetation Equipment Failure Wildlife Weather, Storm Unknown Other Equipment Failure Vegetation Wildlife Public Accident Unknown Weather, Storm Planned Other Weather, Storm Vegetation Unknown Lightning Equipment Failure Unknown Weather, Storm Vegetation Unknown Unknow	0.715% 0.040% 0.000% 0.000% 100.000% 86.308% 7.167% 5.139% 1.252% 0.078% 0.055% 100.000% 58.928% 21.415% 6.703% 5.201% 2.882% 2.320% 1.689% 0.862% 100.000% 75.638% 19.887% 2.529% 1.071% 0.358% 0.187% 0.187% 0.158% 0.085% 100.000%	time of event. No additional action required Majority of equipment failure CMI from 1 cable failure it was repaired. No additional action required. Also several Veg outages - Circuit due for full trim in 20 several Veg outages - Circuit due for full trim in 20 several Veg outages - All corrections made - Station Recloser Replaced. No additional action required. Storm related outages - All corrections made - Station Recloser Replaced. No additional action required.
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Duke Energy Kentucky Reliability Report and Vegetation Management For Calendar Year 2016

CONFIDENTIAL PROPRIETARY TRADE SECRET

Exhibit A Page 9 of 9

			Equipment Failure	4.512%	
			Unknown	0.520%	
			from Representative to the	100.000%	THE HEALTH STORY
	YORK 43				Clearance issue over steel traffic pole caused over 75% of
			Equipment Failure		CMI - Has been redesigned - No additional action required
			Public Accident	26.975%	
VODY 110000770010		H9320770043	Unknown	24.764%	
YORK - H9320770043			Weather, Storm	1.200%	
			Planned	0.673%	
			Other	0.265%	
			Lightning	0.061%	
			Vegetation	0.017%	
	Manager and Assessment and Assessment and			100.000%	

Duke Energy Kentucky Reliability Report and Vegetation Management For Calendar Year 2016 Exhibit B Page 1 of 3

Duke Energy Kentucky's Vegetation Management Plan

Goals

Duke Energy's goals for its Vegetation Management Operations are to balance the need for reliable utility service with safe and cost-effective vegetation management practices that preserve our local communities' natural surroundings, aesthetics and the environment. Targeted herbicides provide one of the most cost-effective and environmentally friendly means of controlling undesirable vegetation.

Safety

Our goals are to work safely at all times to achieve a zero injury culture and to minimize the safety risk of vegetation and conductor contacts. Serious or fatal shocks can occur when working in trees near power lines. Duke Energy strives to minimize that risk by trimming properly in accordance with industry tree trimming safety standards.

Reliability

Duke Energy's electric service reliability, as measured by SAIFI and SAIDI, has improved in recent years due in part to our more rigorous tree trimming practices. Duke Energy strives to trim its Kentucky distribution circuits every four-and-one-half years and transmission every six years.

Tree Care Standards

Duke Energy requires its employees and contractors to prune trees in accordance with American National Standards Institute (ANSI) and National Arborist Association (NAA) standards. The relevant standards are ANSI Z133, Safety in Tree Trimming Operations, and ANSI A300, Safety in Tree Care Operations. These ANSI standards were developed in cooperation with the NAA. Additionally, Duke Energy follows the practices in Field <u>Guide for Qualified Line Clearance Tree Workers</u> by Dr. Alex L. Shigo, former head of the U.S. Forest Service. In rural areas, Duke Energy may authorize its contractors to use mechanized pruning equipment.

Tree Trimming Specifications

69KV and above Transmission Lines

- 15 feet clearance to the side from all conductors.
- 15 feet clearance below the lowest conductor.
- No overhanging/encroaching branches permitted.
- Trim to the previously established widths of our right-of-way and practice established beyond the 15 feet widths.

3 Phase Primary Lines and 2 Phase Primary Lines

- 10 feet clearance to the side from all conductors.
- 10 feet clearance below the conductors.
- No overhanging/encroaching branches.

Single Phase

- 10 feet clearance to the side from all conductors.
- 10 feet clearance below the conductors.
- Overhang: all live branches above the conductors shall be removed to a minimum height of 15 feet, and at a 45-degree angle. All dead and structurally weak branches overhanging any primary voltage wires shall be removed.
- Underneath the primary: 10 feet clearance from the conductors to the closest limbs beneath the phases.

Secondary Lines

- 5 feet clearance to the side from the secondary line.
- 5 feet clearance above and below the secondary line.

Services Lines

• 1 foot swing clearance from all service lines.

Brush/Wood Removal

- Circuit maintenance brush is removed, wood cut into movable pieces.
- Customer may request off-cycle maintenance in accordance with the clearance standards above brush and wood is customer's responsibility.
- Storm Work no brush or wood removal.

Customer Notification

- Duke Energy customers are notified of tree trimming being done on their property by door hanger cards.
- Duke Energy requires its contractors to contact local government officials prior to beginning work in the community.

Right Tree In The Right Place

• Duke Energy will cooperate in tree removal with local government officials as needed.

Duke Energy Kentucky Reliability Report and Vegetation Management For Calendar Year 2016 Exhibit B Page 3 of 3

Determination of Need to Perform Maintenance/Evaluation of Plan Effectiveness

Duke Energy regularly monitors its SAIFI and SAIDI measures. If SAIFI or SAIDI were to significantly decline, Duke Energy would evaluate whether to modify its vegetation management practices, including its right-of-way clearing cycle, in order to improve SAIFI and SAIDI performance. Duke Energy also monitors the performance of individual circuits. If an individual circuit has a significant number of outages, Duke Energy will perform off-cycle tree trimming as needed. Duke Energy also monitors industry tree trimming standards and modifies its tree trimming practices as necessary to meet or exceed industry standards.