



Stephanie A. Cuello  
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March 1, 2024

**VIA ELECTRONIC FILING**

Adam J. Teitzman, Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Re: *2023 Annual Service Reliability Report; Undocketed*

Dear Mr. Teitzman:

Please find attached for electronic filing on behalf of Duke Energy Florida, LLC ("DEF"), its 2023 Annual Service Reliability Report. DEF also provided two (2) hard copies and two (2) CDs of its Annual Service Reliability Report to the Division of Engineering.

Thank you for your assistance in this matter and if you have any questions, please feel free to contact me at (850) 521-1425.

Sincerely,

*/s/ Stephanie A. Cuello*

Stephanie A. Cuello

SAC/clg  
Attachments

cc: Tom Ballinger, Director and Penny Buys, Division of Engineering



# **2023 Annual Service Reliability Report**

**March 1, 2024**

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## 2023 Year End Customers Served by Region

Zone/Regions	3 Char OP	Op Center	Cust Served	Date
NORTH CENTRAL I	APK	APOPKA	110,915	12/31/2023
	DEL	DELAND	90,524	12/31/2023
	JAM	JAMESTOWN	144,959	12/31/2023
	LNG	LONGWOOD	95,236	12/31/2023
			<b>441,634</b>	
NORTH COASTAL	INV	INVERNESS	83,843	12/31/2023
	MON	MONTICELLO	59,205	12/31/2023
	OCA	OCALE	92,141	12/31/2023
	SEV	SEVEN SPRINGS	204,767	12/31/2023
	ZEP	ZEPHYRHILLS	29,466	12/31/2023
			<b>469,422</b>	
SOUTH CENTRAL	BNV	BUENA VISTA	150,660	12/31/2023
	CLR	CLERMONT	42,368	12/31/2023
	HIL	HIGHLANDS	57,578	12/31/2023
	LKW	LAKE WALES	141,691	12/31/2023
	SEO	SE ORLANDO	101,180	12/31/2023
	WGN	WINTER GARDEN	90,370	12/31/2023
			<b>583,847</b>	
SOUTH COASTAL	CLW	CLEARWATER	148,683	12/31/2023
	STP	ST. PETERSBURG	183,072	12/31/2023
	WAL	WALSINGHAM	155,985	12/31/2023
			<b>487,740</b>	
SYSTEM			<b>1,982,643</b>	

**I. OVERALL RELIABILITY PERFORMANCE – 2023 (Rule 25-6.0455, F.A.C.)**

**a. Discuss overall performance absent adjustments**

In 2023, Duke Energy Florida experienced 2 different tornados and an EOC activation in addition to Hurricane Idalia. During hurricane season, there were two (2) Tornados on October 12<sup>th</sup> resulting in 1.45 SAIDI minutes and 0.23 SAIDI minutes. From August 29<sup>th</sup> to September 3<sup>rd</sup>, DEF experienced the impacts of Hurricane Idalia which accounted for 91.44 SAIDI minutes. Once hurricane season concluded, a severe weather squall line led to the EOC activation for Pinellas County on December 16<sup>th</sup>, resulting in 1.30 SAIDI minutes.

<b>Year</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
<b>Weather Excluded SAIDI</b>	105.4	3.2	21.0	5.4	780.2	94.4

In 2023 Duke Energy was moderately impacted by weather events that qualified for exclusions, decreasing DEF’s unadjusted SAIDI to 39% below the prior 5-year average, primarily due to the high SAIDI impact during Hurricanes Ian and Nicole in 2022. Although direct impact in 2023 from large storms was less than 2022, the efforts from improving the reliability of the grid can be seen in the decrease of overall SAIDI compared to prior years as a result of efforts from the Storm Protection Plan as well as through maintenance investments.

<b>Year</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
<b>Reported SAIDI</b>	226.3	111.3	124.8	95.5	879.9	174.3

**b. Describe the level of detailed reliability data the Company tracks.**

The company tracks detailed reliability information in various databases. This detailed data is recorded per event, which includes affected device, time of day, length of outage, cause of outage, number of customers affected and other pertinent information.

**c. Describe Company efforts to increase critical review of detailed reliability data.**

In 2023, DEF continued to utilize the IEEE method for internal business goal reporting, due to integrated business practices. Duke Energy uses the IEEE Methodology (2.5 Beta) for calculating the reliability indices. This is also the way Duke Energy measure’s reliability for incentive goals. DEF will continue tracking PSC indices which are reported at year-end. The IEEE Method is the industry standard for Reliability measurement and comparison.

DEF continued the practice of auditing outage data to ensure accuracy and is now using Enhanced Outage History Solution (EOHS) as a platform which allows outage data to be captured in greater detail.

In 2023, DEF conducted analysis and reviewed reliability data that met certain operational thresholds in order to reduce the number of outages and momentary interruptions. Through the implementation of self-healing teams and TripSavers, DEF has reduced the impact of momentary interruption on breakers. From 2022 to 2023, DEF saw a 58% decrease in the number of MAIFIE events.

**d. Describe the process used by your company to identify and select the level of detailed reliability data.**

Customer feedback, benchmarking with other utilities, input from the FPSC, performance of assets, and trends are all considered when identifying the level of detailed reliability data.

**e. Discuss adjustments**

- i. Generation events – see page 10.
- ii. Transmission events – see page 12.
- iii. Extreme weather – see page 13.
- iv. Other Distribution events – see page 15.

**f. Discuss adjusted performance.**

For the 2023 adjusted performance results, please see pages 16-24.

**FLORIDA PUBLIC SERVICE COMMISSION  
ANNUAL DISTRIBUTION SERVICE RELIABILITY REPORT – ACTUAL**

**PART I**

<b>CAUSES OF OUTAGE EVENTS – ACTUAL (<a href="#">Absent Adjustments</a>)</b>				
Utility Name: <u>Duke Energy Florida</u>			Year: <b>2023</b>	
Cause (a)	Customer Minutes Of Interruption	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
1. Animals	4,616,764	3,931	91.5	58.9
2. Vegetation	70,664,217	8,977	402.2	178.5
3. Lightning	15,574,849	2,960	194.9	144.0
4. Other Weather	124,919,476	3,203	941.3	492.1
5. Vehicle	9,069,568	313	259.7	118.5
6. Defective Equipment	45,931,117	11,512	197.0	90.1
7. Unknown	32,398,444	8,595	267.1	164.0
Subtotal	303,174,435	39,491	309.1	187.1
All Other Causes *See Attached	42,307,297	3,599	218.1	67.3
<b>System Totals</b>	<b>345,481,732</b>	<b>43,090</b>	<b>301.5</b>	<b>153.7</b>

**CAUSES OF OUTAGE EVENTS – ACTUAL (Absent Adjustments)**

Utility Name: Duke Energy Florida

Year: **2023**

Cause (a)	Customer Minutes Of Interruption	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
Human Error-Public	7,578,476	1,023	221.1	95.6
Emergency Shutdown-PGN	6,958,766	274	211.3	42.7
U/G Primary Cable	5,992,742	586	372.1	116.1
Substation-Storm	4,159,725	7	3798.9	4487.3
Hot Line Tag (HLT)	4,151,476	75	47.6	35.6
Line Maintenance	2,558,526	1,198	149.3	108.2
Substation-Animal	1,786,691	23	86.9	54.3
Substation-Lightning	1,163,124	12	131.1	81.9
Dig-In	992,735	58	248.0	89.7
Substation-Switch Failure	966,595	7	170.9	65.9
Substation-Breaker Failure	910,596	11	67.8	58.4
Substation-Vandalism	478,013	6	87.5	83.6
Transmission-Lightning	463,387	8	116.0	46.4
Transmission-Miscellaneous	425,785	6	93.2	70.1
Substation-Bushing-Failure	410,364	8	64.0	32.0
Transmission-Vehicle	407,176	4	83.0	78.7
Transmission-Animal	374,359	9	54.1	38.2
Human Error-PGN Contractor	304,619	39	165.7	33.0
Construction Equipment	253,352	6	316.8	200.0
Substation-Defective Equipment	249,924	11	179.0	47.4
Transmission-Tree- Nonprevent	236,460	2	118.6	118.1
Transmission-Pole Failure- Non-Prevent	165,344	1	945.0	547.5
Relay-Control Sw Contact Fail	137,835	3	69.7	69.3
Foreign Material In Line	136,350	23	97.5	56.8
Transmission-Insulator Failure	133,266	1	399.8	399.0
O/H Secondary Cable	127,468	40	104.7	37.7
Transmission-Crossarm Failure	104,074	1	242.6	81.1
Transmission-Switch Error- PGN	100,903	6	13.6	14.4
U/G Secondary/Service	79,679	91	239.6	233.0





**PART II**

**THREE PERCENT FEEDER LIST - ACTUAL (UNADJUSTED)**

Utility Name: Duke Energy Florida Year: 2023

Primary Circuit Id. No. or Name (a)	Sub-station Origin (b)	Location (c)	NUMBER OF CUSTOMERS					Outage Events "N" (i)	Avg Duration "L-Bar" (j)	CAIDI (k)	Listed Last Year? (l)	No. of Years in the Last 5 (m)	Corrective Action Completion Date (n)
			Residential (d)	Commercial (e)	Industrial (f)	Other (g)	Total (h)						
N1	MADISON	Monticello	1,053	200	-	29	1,282	6	14,445.0	541.2	N	-	12/31/2024
K1030	EAST LAKE WALES	Lake Wales	1,304	145	10	-	1,459	6	306.8	155.6	N	-	12/31/2024
N68	MONTICELLO	Monticello	241	108	2	8	359	5	548.6	667.2	N	2	6/30/2024
M412	LOCKHART	Apopka	1,724	104	7	11	1,846	4	133.1	90.3	N	-	12/31/2024
N7	PERRY	Monticello	873	181	1	56	1,111	4	10,427.0	926.2	N	-	12/31/2024
M428	LAKE EMMA	Longwood	1,622	251	-	16	1,889	4	144.9	70.7	Y	-	12/31/2024
N4	MADISON	Monticello	292	42	3	12	349	4	3,674.6	1,229.8	N	-	12/31/2024
M445	BAY RIDGE	Apopka	1,507	240	1	18	1,766	4	57.5	59.0	N	3	6/30/2024
W0904	BARBERVILLE	Deland	1,039	145	-	15	1,199	4	75.5	35.0	Y	1	6/30/2024
X106	FIFTY-FIRST STREET	St. Petersburg	786	55	-	3	844	4	16.0	9.7	N	-	12/31/2024
X132	CROSSROADS	St. Petersburg	707	171	7	14	899	4	24.9	15.4	Y	-	12/31/2024
N192	JASPER SOUTH	Monticello	910	154	-	71	1,135	4	1,334.2	1,196.3	N	1	6/30/2024
N9	PERRY	Monticello	912	243	23	54	1,232	4	6,764.1	1,049.5	N	2	6/30/2024
K4841	MONTVERDE	Clermont	1,856	102	3	7	1,968	4	356.1	137.7	N	-	6/30/2024
K2247	HEMPLE	Winter Garden	724	60	-	27	811	4	400.4	61.0	N	1	6/30/2024
K17	HAINES CITY	Lake Wales	2,345	162	-	55	2,562	4	71.2	35.8	N	-	12/31/2024
A300	CRYSTAL RIVER PLANT	Inverness	-	24	1	1	26	4	451.1	557.9	N	-	12/31/2024
N67	MONTICELLO	Monticello	1,373	307	-	52	1,732	3	1,795.0	1,114.2	N	3	6/30/2024
N195	JENNINGS	Monticello	401	101	-	30	532	3	4,298.9	1,082.5	N	1	6/30/2024
A46	CROSS CITY INDUSTRIAL	Monticello	358	140	2	11	511	3	789.0	790.6	N	2	6/30/2024
K964	BOGGY MARSH	Buena Vista	3,124	123	-	16	3,263	3	186.1	102.6	N	-	12/31/2024
A379	OBRIEN	Monticello	591	194	1	52	838	3	4,729.2	821.7	Y	1	6/30/2024
K67	BAY HILL	Buena Vista	1,807	111	-	13	1,931	3	760.0	143.3	N	-	12/31/2024
K1416	FOUR CORNERS	Buena Vista	2,029	146	-	23	2,198	3	131.9	79.5	N	-	12/31/2024
W0017	CASSELBERRY	Jamestown	1,946	33	-	9	1,988	3	150.7	99.3	N	-	12/31/2024
K3282	LAKE LUNTZ	Winter Garden	1,744	121	-	19	1,884	3	250.9	97.8	N	-	12/31/2024
K284	OKAHUMPKA	Clermont	1,401	202	7	46	1,656	3	223.5	115.5	N	-	12/31/2024
A97	BROOKSVILLE	Inverness	1,258	313	2	45	1,618	3	328.5	143.3	N	-	12/31/2024
A195	ARCHER	Monticello	386	75	1	18	480	3	268.7	191.1	N	1	6/30/2024
W0955	BITHLO	Jamestown	1,367	140	-	10	1,517	3	225.8	65.4	N	1	6/30/2024
W0021	CASSELBERRY	Jamestown	1,131	33	-	9	1,173	3	74.7	52.9	N	-	12/31/2024
A205	ZUBER	Ocala	934	217	3	15	1,169	3	86.3	55.3	Y	-	12/31/2024
K119	AVON PARK PLANT	Highlands	1,904	312	2	48	2,266	3	90.4	46.3	N	-	12/31/2024
N53	PORT ST JOE	Monticello	1,155	176	1	55	1,387	3	250.2	89.5	N	-	12/31/2024
W0321	ECON	Jamestown	1,174	253	-	20	1,447	3	79.8	18.9	N	-	12/31/2024
K58	LAKE WALES	Lake Wales	1,289	306	-	41	1,636	3	84.8	46.4	N	-	12/31/2024
C4501	SEVEN SPRINGS	Seven Springs	2,126	180	-	14	2,320	3	34.5	30.2	N	-	12/31/2024
A39	MARTIN	Ocala	1,582	273	1	21	1,877	3	28.5	28.0	N	1	6/30/2024
A196	ARCHER	Monticello	366	121	-	41	528	3	290.5	92.2	N	1	6/30/2024
N230	EAST POINT	Monticello	563	141	1	31	736	3	69.7	69.3	N	-	12/31/2024
X151	MAXIMO	St. Petersburg	2,199	142	-	15	2,356	3	61.0	32.0	N	1	6/30/2024
K3287	LAKE LUNTZ	Winter Garden	1,041	158	-	10	1,209	3	33.1	32.3	N	-	12/31/2024

LBAR AND CAIDI Includes all devices.

PSC/ECR 102 (8/06)

Incorporated by reference in Rule 25-6.0455, F.A.C.

### PART III

SYSTEM RELIABILITY INDICES – ACTUAL <u>(ABSENT ADJUSTMENTS)</u>					
Utility Name: Duke Energy Florida Year: 2023					
District or Service Area (a)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFle (e)	CEMI5 (f)
<b>North Coastal</b>	<b>448.4</b>	<b>315.9</b>	<b>1.42</b>	<b>1.7</b>	<b>3.69%</b>
Inverness	201.8	133.0	1.52	1.9	2.97%
Monticello	2790.0	872.5	3.20	2.4	14.98%
Ocala	153.4	85.5	1.79	1.3	6.26%
Seven Springs	63.2	79.1	0.80	1.5	0.09%
Zephyrhills	44.9	63.8	0.70	1.9	0.00%
<b>South Coastal</b>	<b>100.2</b>	<b>94.5</b>	<b>1.06</b>	<b>1.5</b>	<b>0.28%</b>
Clearwater	104.5	98.5	1.06	2.4	0.21%
St. Petersburg	85.4	83.4	1.02	1.2	0.30%
Walsingham	113.5	102.8	1.10	1.1	0.33%
<b>North Central</b>	<b>82.5</b>	<b>79.9</b>	<b>1.03</b>	<b>1.6</b>	<b>0.78%</b>
Apopka	88.0	80.6	1.09	1.9	0.94%
Deland	85.5	86.6	0.99	1.5	0.91%
Jamestown	74.3	73.4	1.01	1.7	0.73%
Longwood	85.6	82.7	1.03	1.5	0.53%
<b>South Central</b>	<b>85.1</b>	<b>81.6</b>	<b>1.04</b>	<b>2.1</b>	<b>0.93%</b>
Buena Vista	64.2	94.5	0.68	2.0	0.01%
Clermont	100.1	103.3	0.97	2.5	0.21%
SE Orlando	79.7	90.3	0.88	1.5	0.38%
Highlands	106.5	68.0	1.57	2.8	0.90%
Lake Wales	109.1	73.4	1.49	2.8	2.87%
Winter Garden	67.9	81.1	0.84	1.4	0.35%
<b>System</b>	<b>174.3</b>	<b>153.7</b>	<b>1.13</b>	<b>1.78</b>	<b>1.39%</b>

**GENERATION EVENTS – ADJUSTMENTS (Rule 25-6.0455 F.A.C.)**

- a. Discuss each generation event that resulted in customer outages.**

There were no events to report for 2023.

- b. Address whether the event was localized or system-wide.**

N/A

- c. Describe the Company’s efforts to avoid or minimize any similar events in the future in terms of the level of costs incurred and outage duration.**

N/A

- d. Provide the 2023 service reliability data for each generation outage event that is excluded from your Company’s 2023 Annual Distribution Reliability Report pursuant to Rule 25-6.0455**

Generation Event	N/A
<b>C</b>	N/A
<b>CMI</b>	N/A
<b>CI</b>	N/A
<b>SAIDI</b>	N/A
<b>SAIFI</b>	N/A

Please see attached Form 103.

## PART I

<u>CAUSES OF OUTAGE EVENTS – ADJUSTED</u>			
Utility Name: Duke Energy Florida		Year: <b>2023</b>	
Cause (a)	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
Generation	N/A	N/A	N/A
<b>System Totals:</b>	N/A	N/A	N/A

PSC/ECR 103 (8/06)  
 Incorporated by reference in Rule 25-6.0455, F.A.C.

## TRANSMISSION EVENTS – ADJUSTMENTS (Rule 25-6.0455, F.A.C.)

**a. Discuss each transmission event that resulted in customer outages.**

See Attachment A – “DEF Transmission Outages 2023 - Major Events Excluded.”

**b. Address whether the event was localized or system-wide.**

See Attachment A – “DEF Transmission Outages 2023 - Major Events Excluded.”

**c. Describe the Company’s efforts to avoid or minimize any similar events in the future in terms of the level of costs incurred and outage duration.**

Outages are reviewed and investigated by local transmission maintenance staff. The results from these investigations are looked at from a system-perspective by DEF’s Transmission Department Asset Management Group to determine if the failure is isolated or similar failures are occurring on another part of the system. When similar failures are noted on the system, further investigation is performed to determine if a solution should be implemented system-wide to remedy the problem. If a project is required, it is submitted for prioritization against other projects.

**d. Provide the 2023 service reliability data for each transmission outage event that is excluded from your Company’s 2023 Annual Distribution Reliability Report pursuant to Rule 25-6.0455.**

This information is reflected in Attachment B – “DEF Transmission Outages 2023 - Major Events Only.”

**EXTREME WEATHER - EXCLUSIONS (Rule 25-6.0455, F.A.C.)**

- a. **Include in the discussion, the type of weather event, strength (wind speeds/surge-flood levels), locations affected, source of meteorological information and the performance of overhead and underground systems.**

Distribution

<u>Dates</u>	<u>Type of Weather Event</u>	<u>Strength (Wind Speeds/surge-flood levels)</u>	<u>Locations affected</u>	<u>Source of Metrological Information</u>	<u>Performance of Overhead and Underground Systems</u>
8/29/2023 0:00 AM to 9/3/2023 23:59 PM	Hurricane Idalia	125 mph	All Ops Centers	National Weather Service	See response to Section (d) - pg. 10 of Reliability Report
10/12/2023 - 1:00 AM to 5:59 AM	Tornado	Unknown Wind Speed	Clearwater St. Petersburg Walsingham	National Weather Service	See response to Section (d) - pg. 10 of Reliability Report
10/12/2023 - 02:00 AM to 07:59 AM	Tornado	Unknown Wind Speed	Inverness Ocala Seven Springs Zephyrhills	National Weather Service	See response to Section (d) - pg. 10 of Reliability Report
12/16/2023 - 12:00 PM to 12/17/2023 23:59 PM	EOC Activation	Unknown Wind Speed	Clearwater St. Petersburg Walsingham	National Weather Service	See response to Section (d) - pg. 10 of Reliability Report

Transmission

This information is reflected in Attachment B – “DEF Transmission Outages 2023 - Major Events Only.”

- b. **Describe the Company’s efforts to avoid or minimize in terms of costs incurred and outage duration any similar events in the future (Example: Reference specific storm hardening activity).**

Distribution

These efforts are addressed in the approved Storm Protection Plan filed in docket number 20200050.

Transmission

These efforts are addressed in the approved Storm Protection Plan filed in docket number 20200050.

- c. **If the method of deriving the weather exclusion is different from the method used for 2016, please explain the changes and provide the CMI and CI for 2023 using the prior method.**

For Distribution & Transmission – The same exclusion method has been used for years 2016 through 2023.

- d. Provide the 2023 service reliability data for each transmission outage event that is excluded from your Company’s 2023 Annual Distribution Reliability Report pursuant to Rule 25-6.0455.

Distribution

Dates	Overhead vs. Underground	C	CMI	CI	Duration	L-Bar	N
8/29/2023 0:00 AM to 9/3/2023 23:59 PM	OH	1,982,643	181,283,584	172,559	6,569,705	2,075.1	3,166
	UG	-	-	-	-	-	-
10/12/2023 - 1:00 AM to 5:59 AM	OH	487,740	452,541	1,266	8,436	468.7	18
	UG	-	-	-	-	-	-
10/12/2023 - 02:00 AM to 07:59 AM	OH	410,217	2,873,961	5,443	36,274	755.7	48
	UG	-	-	-	-	-	-
12/16/2023 - 12:00 PM to 12/17/2023 23:59 PM	OH	487,740	2,585,820	20,088	62,918	249.7	252
	UG	-	-	-	-	-	-

Transmission

This information is reflected in Attachment B – “DEF Transmission Outages 2023 - Major Events Only.”



## **OTHER DISTRIBUTION – ADJUSTMENTS (Rule 25-6.0455, F.A.C.)**

- a. Discuss the causation of each type of distribution event that resulted in customer complaints.**

Since Duke Energy Florida has not taken other causations as exclusions for any events in 2023, DEF has no information to report in this section.

- b. Describe the Company’s efforts to avoid or minimize any similar events in the future in terms of the level of costs incurred and outage duration.**

Since Duke Energy Florida has not taken other causations as exclusions for any events in 2023, DEF has no information to report in this section.

- c. Provide the 2023 service reliability data for each distribution outage event that is excluded from your Company’s 2023 Annual Distribution Reliability Report pursuant to Rule 25-6.0455**

- i. A table
- ii. Electronic file
- iii. Causation, Date, CMI, CI Total Repair Cost, etc.

Since Duke Energy Florida has not taken other causations as exclusions for any events in 2023, DEF has no information to report in this section.

## 2023 ADJUSTED RELIABILITY (Rule 25-6.0455, F.A.C.)

Duke Energy Florida’s (DEF) 2023 annual adjusted SAIDI was 70.9, a 17% decrease from SAIDI observed in 2022. The primary driver for 2023 outages was related to defective equipment, which saw an 11% reduction from 2022 to 2023. Additionally, DEF observed 78% and 26% reductions in weather and vegetation related outages respectively, which can be attributed to investments made in the grid.

There were 5 days in 2023 that totaled more than 1.0 SAIDI minute each. All five days were driven primarily by weather related outages; April 27<sup>th</sup> (2.73 SAIDI), April 30<sup>th</sup> (1.15 SAIDI), June 22<sup>nd</sup> (1.26 SAIDI), September 11<sup>th</sup> (1.16 SAIDI), and December 17<sup>th</sup> (1.14 SAIDI).

In 2023, while overall impact to DEF from extreme weather such as Tornados and Named Storms was lower than the previous 5-year average the system did experience two tornados and Hurricane Idalia. DEF has seen a decline of SAIDI, SAIFI, CAIDI, MAIFIE and CEMI5 over the last 5 years. Once more, these are attributed to DEF’s efforts to focus on reducing outages through enhancements in the grid.

<i>Year</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>
<b>Adjusted SAIDI</b>	98.5	90.5	87.9	75.3	85.2	70.9

<i>Year</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>
<b>Adjusted SAIFI</b>	1.01	0.97	0.94	0.84	0.93	0.86

**a. Causes of outages events – see attached forms.**

**i. 5-yr patterns/trends in outage causation for each of the top 10 causes of outage events, including the frequency, duration, restoration time, cost incurred to restore service, remediation programs and costs.**

- See Attachment D - “5 yr Trend by Cause Code” Spreadsheet for 2019 – 2023.

**ii. The process used to identify and select the actions to improve the performance in each of the top 10 causes of outages.**

DEF prioritizes the reliability improvement action plan by balancing historical and current year performance. System devices are evaluated based on the number of interruptions, customers interrupted (CI), and customer minutes of interruption (CMI). In addition, current year performance is monitored monthly to identify emergent and seasonal issues including load balancing for cold weather and the need for foot patrols of devices experiencing multiple interruptions.

**iii. 2024 activities and budget levels addressing each of the 10 causes of service outage.**

- See Attachment E - “2024 Program Budget” Spreadsheet.

**b. Three percent Feeder list**

**i. Identify whether any feeders appear on the 3% listing more than once within a consecutive 5-yr. period and any actions implemented to improve feeder performance.**

**Feeder A39:**

- DEF Infrared scanned main feeder A39 in 2020. No hotspots were found. DEF will infrared scan and perform additional patrols to main feeder of A39 in 2024.
- A39 experienced three feeder level outages in 2023. All three events occurred while line maintenance was being performed. The feeder maintenance called for the automation in reclosing devices along the feeder to be set in non-reclose mode for Line Tech safety, a configuration known as a Hot-Line Tag on the feeder.
- SOG Team was deployed on feeder A39 in 2020.
- DEF completed backbone and lateral tree trimming in 2022. A39 is planned to have the backbone trees trimmed again in 2025 and lateral trees trimmed in 2027.
- Operations techs will continue to analyze feeder and perform an in-depth patrol to identify operational issues and initiate mitigation actions.

**Feeder M445:**

- DEF Infrared scanned main feeder M445 in 2023. No hotspots were found. DEF will infrared scan and perform additional patrols to main feeder of M445 in 2024.
- M445 experienced four feeder level outages in 2023. One outage was caused by non-preventable tree damage, one was caused by preventable tree damage, and two were caused by Storms. The preventable tree damage occurred after the top of a tree fell onto overhead primary lines before rolling off and falling clear of the lines.
- SOG Team on feeder M445 is scheduled for deployment in 2025.
- DEF completed backbone tree trimming in 2021 and lateral tree trimming in 2023. M445 is planned to have the backbone trees trimmed in 2024 and the lateral trees trimmed in 2028.
- Operations techs will continue to analyze feeder and perform an in-depth patrol to identify operational issues and initiate mitigation actions.

**Feeder N332:**

- DEF Infrared scanned main feeder N332 in 2021. One hotspot was found on the C-phase solid blade switch of a recloser, and the switch was replaced in 2022. DEF will infrared scan and perform additional patrols to main feeder of N332 in 2024.
- N332 experienced two feeder level outages in 2023. One outage was caused by a storm, and one by defective equipment. The defective equipment event occurred when a fusing device failed to open from a fault, causing a span of primary conductor to fall.
- SOG Team was deployed on feeder N332 in 2018.
- DEF completed backbone tree trimming in 2023 and lateral tree trimming in 2021. N332 is planned to have the backbone and laterals trimmed in 2026.
- Operations techs will continue to analyze feeder and perform an in-depth patrol to identify operational issues and initiate mitigation actions

**ii. The process used to identify and select the actions to improve the performance of feeders in the 3% feeder list, if any.**

DEF prioritizes the reliability improvement action plan for 3% Feeder List by balancing historical and current year performance. Feeders are evaluated based on the number of interruptions, customers interrupted (CI), and customer minutes of interruption (CMI). In addition, current year performance is monitored monthly to identify emergent and seasonal issues including load balancing for cold weather and the need for foot patrols of feeders experiencing multiple interruptions.

**iii. 2024 activities and budget levels directed at improving feeder performance.**

Feeders are prioritized for maintenance and replacement work based on several criteria including customer minutes of interruption (CMI), number of interruptions, interruption cause code, and CEMI repeat outage performance. This process results in a work plan targeted at feeders and devices with the greatest impact on reliability indices and customer satisfaction. This process has resulted in consistent and sustained reliability performance.

The 3% feeder list is based solely on number of feeder interruptions and does not take into consideration any of the additional criteria above. While all feeders on the 3% list are patrolled for corrective action, the possibility exists that they could appear on the list more than once due to their relative impact on system reliability indices.

For the 2024 budget levels, please see Attachment E - “2024 Program Budget” Spreadsheet.

**c. Regional Reliability Indices – see attached forms.**

**i. 5-Yr. patterns/trends in each regions reliability for each index and on any overall basis.**

- See Attachment F - “5 yr Sum by Region” Spreadsheet.

**ii. The process used to identify and select actions to improve the regional reliability trends.**

- Regional reliability trends are tracked to ensure alignment with the system level goals they support. Specific device level improvements are measured and prioritized at a system level to ensure maximum benefit for resources expended.

**iii. Discuss any 2024 projected activities and budget levels directed at improving regional reliability performance.**

- See Attachment E - “2024 Program Budget” Spreadsheet. Regional reliability trends are tracked to ensure alignment with the system level goals they support. Specific device level improvements are measured and prioritized at a system level to ensure maximum benefit for resources expended.
- DEF is continuing to install Self-Healing Teams. This system segments the distribution grid to minimize the number of customers affected by a fault. The SCADA communication between the devices and the DEF Distribution Control Center (DCC), allows automatic remote sectionalization to further reduce the number and duration of the outages. DEF currently has 185 teams installed, which involves 772 circuits and 1,358,883 customers (nearly 70% of total DEF customers). In 2024, DEF will continue to install Self-Healing Teams across its service territory.
- In 2023, DEF conducted analysis and reviewed reliability data that meets certain operational thresholds in order to reduce the number of outages and momentary interruptions. From 2022 to 2023, DEF had a 49% reduction in MAIFIE, and the 5 year trend in MAIFIE is downward.
- DEF began its Storm Protection Plan in 2021 beginning with the Feeder Hardening Program in distribution. The Feeder Hardening program will enable the feeder backbone to better withstand extreme weather events. This includes strengthening structures, updating basic insulation level (“BIL”) to current standards, updating conductors to current standards, relocating difficult to access facilities, relocating or undergrounding facilities to address clearance encroachments, replacing oil filled equipment as

appropriate, and incorporates the Company's pole inspection and replacement activities.

- DEF began its Lateral Hardening Program as part of the Storm Protection Plan in 2022. Lateral Hardening is a long-term Program that will systematically upgrade and harden branch line sections fed by the feeder backbone. There will be two main approaches, undergrounding and overhead hardening. The Lateral Hardening Program will enable branch lines to better withstand extreme weather events. This will include undergrounding of the laterals most prone to damage during extreme weather events and overhead hardening of those laterals less prone to damage.
- DEF continues its Substation Optimization plan which drives maintenance on entire substations and feeders at once to improve substation and feeder performance.
- DEF continued its Fuse Replacement program in 2023, which aims to reduce vegetation and weather-related customer interruptions on the feeders most impacted by such outages. Through the Fuse Replacement program, fuses were replaced on feeders for 45 substations in 2023 with additional substations planned in 2024.

**FLORIDA PUBLIC SERVICE COMMISSION  
ANNUAL DISTRIBUTION SERVICE RELIABILITY REPORT –  
ADJUSTED  
Top Ten Outage Causes: Form PSC/ECR 102-1(a) (8/06) and Form  
PSC/ECR 102-1(b) (8/06)**

**PART I**

<u>CAUSES OF OUTAGE EVENTS – ADJUSTED</u>				
Utility Name: Duke Energy Florida			Year: <b>2023</b>	
Cause** (a)	Customer Minutes Of Interruption	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
1.) Animals	4,565,771	3,893	91.0	58.5
2.) Vegetation	35,040,313	7,795	165.6	104.5
3.) Lightning	9,104,951	2,814	168.7	91.6
4.) Other Weather	13,245,484	2,198	167.5	77.5
5.) Vehicle	8,913,161	308	259.8	118.4
6.) Defective Equipment	39,844,363	11,040	181.9	80.1
7.) Unknown	10,971,209	7,997	130.4	63.4
Subtotal	121,685,252	36,045	155.9	85.1
All Other Causes	18,870,441	1,950	231.6	67.7
*See attached				
System Totals:	140,555,693	37,995	159.8	82.3

PSC/ECR 103 (8/06)  
Incorporated by reference in Rule 25-6.0455, F.A.C

**CAUSES OF OUTAGE EVENTS – ADJUSTED**

Utility Name: Duke Energy Florida

Year: **2023**

<b>All Other Causes</b>	Customer Minutes Of Interruption	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
Cause (a)				
Human Error-Public	7,143,370	1,009	183.7	91.1
U/G Primary Cable	5,560,252	580	359.2	108.5
Hot Line Tag (HLT)	4,151,476	75	47.6	35.6
Dig-In	992,735	58	248.0	89.7
Human Error-PGN Contractor	277,169	38	168.8	32.1
Construction Equipment	253,352	6	316.8	200.0
Foreign Material In Line	136,350	23	97.5	56.8
O/H Secondary Cable	127,468	40	104.7	37.7
U/G Secondary/Service	79,679	91	239.6	233.0
Relay	41,256	1	36.8	36.0
Human Error-PGN	29,012	13	127.6	12.5
Improper Installation	27,016	8	119.2	129.3
Vandalism	25,750	1	50.6	50.0
Overload	14,552	4	96.2	61.4
Miscellaneous	7,959	2	123.4	9.3
Equipment Misapplication	3,045	1	35.3	35.0
All Other Causes	18,870,441	1,950	231.6	67.7



PART II

THREE PERCENT FEEDER LIST - ACTUAL (ADJUSTED)														
Utility Name: DUKE ENERGY FLORIDA, INC. Year: 2023														
PRIMARY CIRCUIT ID. NO. OR NAME	SUBSTATION ORIGIN	LOCATION	NUMBER OF CUSTOMERS					OUTAGE EVENTS "N"	AVERAGE DURATION "L-Bar"	CAIDI	LISTED LAST YEAR ?	NO. OF YEARS IN THE LAST 5	CORRECTIVE ACTION COMPLETION DATE	
			RESIDENTIAL	COMMERCIAL	INDUSTRIAL	OTHER	TOTAL							
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	
K1030	EAST LAKE WALES	Lake Wales	1,304	145	10	-	1,459	5	345.7	194.1	N	-	12/31/2024	
X132	CROSSROADS	St. Petersburg	707	171	7	14	899	4	24.9	15.4	N	-	12/31/2024	
M445	BAY RIDGE	Apopka	1,507	240	1	18	1,766	4	57.5	59.0	Y	2	6/30/2024	
K17	HADNES CITY	Lake Wales	2,345	162	-	55	2,562	4	71.2	35.8	N	-	12/31/2024	
W0904	BARBERVILLE	Deland	1,039	145	-	15	1,199	3	96.6	45.8	Y	1	6/30/2024	
M412	LOCKHART	Apopka	1,724	104	7	11	1,846	3	148.9	113.5	N	-	12/31/2024	
K67	BAY HILL	Buena Vista	1,807	111	-	13	1,931	3	760.0	143.3	N	-	12/31/2024	
A195	ARCHER	Monticello	386	75	1	18	480	3	268.7	191.1	N	1	6/30/2024	
A97	BROOKSVILLE	Inverness	1,258	313	2	45	1,618	3	328.5	143.3	N	-	12/31/2024	
K118	AVON PARK PLANT	Highlands	1,657	196	-	2	1,855	3	346.8	181.4	N	-	12/31/2024	
A39	MARTIN	Ocala	1,582	273	1	21	1,877	3	28.5	28.0	N	2	6/30/2024	
K119	AVON PARK PLANT	Highlands	1,904	312	2	48	2,266	3	90.4	46.3	N	-	12/31/2024	
K964	BOGGY MARSH	Buena Vista	3,124	123	-	16	3,263	3	186.1	102.6	N	-	12/31/2024	
N4	MADISON	Monticello	292	42	3	12	349	3	41.7	18.4	N	-	12/31/2024	
M428	LAKE EMMA	Longwood	1,622	251	-	16	1,889	3	170.0	71.2	N	-	12/31/2024	
N53	PORT ST JOE	Monticello	1,155	176	1	55	1,387	3	250.2	89.5	N	-	12/31/2024	
C4501	SEVEN SPRINGS	Seven Springs	2,126	180	-	14	2,320	3	34.5	30.2	N	-	12/31/2024	
W0321	ECOM	Jamestown	1,174	253	-	20	1,447	3	79.8	18.9	N	-	12/31/2024	
N68	MONTECELLO	Monticello	241	108	2	8	359	3	114.2	77.2	N	1	6/30/2024	
K19	HADNES CITY	Lake Wales	745	111	13	21	890	3	54.3	69.3	N	1	6/30/2024	
W0493	CENTRAL PARK	SE Orlando	-	152	15	1	168	3	382.5	112.3	N	-	12/31/2024	
K2247	HEMPLE	Winter Garden	724	60	-	27	811	3	385.4	46.2	N	1	6/30/2024	
W0955	BITHLO	Jamestown	1,367	140	-	10	1,517	3	225.8	65.4	N	1	6/30/2024	
K53	LAKE WALES	Lake Wales	726	263	5	34	1,028	3	77.4	16.7	N	-	12/31/2024	
K541	SEBRING EAST	Highlands	583	65	2	9	659	3	53.9	9.1	N	-	12/31/2024	
X151	MAXIMO	St. Petersburg	2,199	142	-	15	2,356	3	61.0	32.0	N	1	6/30/2024	
K3362	BARNUM CITY	Buena Vista	3,574	194	-	26	3,794	2	82.6	82.0	N	1	6/30/2024	
W0954	BITHLO	Jamestown	2,043	102	-	11	2,156	2	304.4	229.7	N	-	12/31/2024	
C302	PORT RICHEY WEST	Seven Springs	1,896	333	-	45	2,274	2	145.3	60.7	Y	1	6/30/2024	
K3282	LAKE LUNTZ	Winter Garden	1,744	121	-	19	1,884	2	345.4	119.7	N	-	12/31/2024	
C17	CLEARWATER	Clearwater	2,710	209	2	19	2,940	2	219.6	92.2	N	-	12/31/2024	
A192	LURAVILLE	Monticello	539	170	2	44	755	2	208.2	377.8	Y	1	6/30/2024	
K4841	MONTVERDE	Clermont	1,856	102	3	7	1,968	2	544.3	127.8	N	1	6/30/2024	
X264	CENTRAL PLAZA	St. Petersburg	1,462	184	18	13	1,677	2	36.0	35.5	N	-	12/31/2024	
N332	ST MARKS WEST	Monticello	1,086	145	-	45	1,276	2	289.0	121.1	N	2	6/30/2024	
K21	HADNES CITY	Lake Wales	3,063	244	1	56	3,364	2	111.6	64.0	N	-	12/31/2024	
K244	LAKE BRYAN	Buena Vista	2,244	165	-	13	2,422	2	54.4	89.4	N	-	12/31/2024	
K1777	MEADOW WOODS SOUTH	SE Orlando	1,843	86	-	15	1,944	2	156.4	91.0	N	-	12/31/2024	
A246	LADY LAKE	Ocala	1,167	170	-	17	1,354	2	260.3	83.9	N	-	12/31/2024	
K1320	LAKE PLACID	Highlands	2,102	302	-	10	2,414	2	191.4	118.7	N	-	12/31/2024	
C206	PORT RICHEY WEST	Seven Springs	2,208	329	2	23	2,562	2	47.7	64.9	N	-	12/31/2024	
M101	WEKIVA	Apopka	949	39	-	-	988	2	151.23	64.38	N	-	12/31/2024	

LBAR AND CAIDI Includes all devices.

### PART III

SYSTEM RELIABILITY INDICES – <u>ADJUSTED</u>					
Utility Name: Duke Energy Florida Year: 2023					
District or Service Area (a)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFle (e)	CEM15 (f)
<b>North Coastal</b>	<b>87.9</b>	<b>84.3</b>	<b>1.04</b>	<b>1.7</b>	<b>2.14%</b>
Inverness	115.3	91.5	1.26	1.8	1.47%
Monticello	196.2	99.6	1.97	2.4	6.47%
Ocala	107.7	80.2	1.34	1.3	5.24%
Seven Springs	44.2	72.3	0.61	1.5	0.07%
Zephyrhills	35.1	55.9	0.63	1.9	0.00%
<b>South Coastal</b>	<b>54.2</b>	<b>70.4</b>	<b>0.77</b>	<b>1.5</b>	<b>0.17%</b>
Clearwater	57.1	81.5	0.70	2.4	0.09%
St. Petersburg	48.1	61.4	0.78	1.2	0.11%
Walsingham	58.6	71.3	0.82	1.1	0.31%
<b>North Central</b>	<b>69.4</b>	<b>84.1</b>	<b>0.83</b>	<b>1.6</b>	<b>0.50%</b>
Apopka	77.8	85.6	0.91	1.8	0.86%
Deland	72.8	87.5	0.83	1.5	0.54%
Jamestown	58.2	77.1	0.76	1.7	0.22%
Longwood	73.5	88.5	0.83	1.5	0.47%
<b>South Central</b>	<b>72.2</b>	<b>88.3</b>	<b>0.82</b>	<b>2.1</b>	<b>0.70%</b>
Buena Vista	57.3	96.0	0.60	2.0	0.01%
Clemont	81.2	102.0	0.80	2.5	0.13%
SE Orlando	70.6	92.8	0.76	1.5	0.25%
Highlands	92.9	73.5	1.26	2.8	0.74%
Lake Wales	87.8	84.0	1.05	2.8	2.28%
Winter Garden	57.4	92.2	0.62	1.4	0.08%
<b>SYSTEM</b>	<b>70.9</b>	<b>82.3</b>	<b>0.86</b>	<b>1.8</b>	<b>0.86%</b>

**FEEDER SPECIFIC DATA – Expanded to include OH/UG details**

**Provide the following information for each feeder circuit in service during 2023. If any data is not available, explain whether the Company has any plans to begin tracking such data and if not, why.**

For (A) thru (Y) – See Attachment G – a CD containing Excel File – “2023 Feeder Specific Data.”

For (Z) – See Attachment G – “2023 Summer Feeder Peaks.”

(A) Feeder ID	<i>See Attachment G</i>
(B) Sub-Region in which the feeder is located	<i>See Attachment G</i>
(C) Number of overhead lateral lines	<i>See Attachment G</i>
(D) Number of overhead lateral miles	<i>See Attachment G</i>
(E) Number of Customers served on OH lateral lines	<i>See Attachment G</i>
(F) CMI for overhead lateral lines	<i>See Attachment G</i>
(G) CI for overhead lateral lines	<i>See Attachment G</i>
(H) Number of underground lateral lines	<i>See Attachment G</i>
(I) Number of underground lateral miles	<i>See Attachment G</i>
(J) Number of customers served on UG lateral lines	<i>See Attachment G</i>
(K) CMI for underground lateral lines	<i>See Attachment G</i>
(L) CI for underground lateral lines	<i>See Attachment G</i>
(M) Number of automatic line sectionalizing devices on the lateral lines	<i>See Attachment G</i>
(N) Number of automatic line sectionalizing devices on the feeder	<i>See Attachment G</i>
(O) Whether the feeder circuit is looped	<i>See Attachment G</i>
(P) Total length of the feeder circuit	<i>See Attachment G</i>
(Q) Length of underground portion of the feeder circuit	<i>See Attachment G</i>
(R) Number of customers served by underground feeders	<i>See Attachment G</i>
(S) CMI for underground feeders	<i>See Attachment G</i>
(T) CI for underground feeders	<i>See Attachment G</i>
(U) Length of overhead portion of the feeder circuit	<i>See Attachment G</i>
(V) Number of customers served by overhead feeders	<i>See Attachment G</i>
(W) CMI for overhead feeders	<i>See Attachment G</i>
(X) CI for overhead feeders	<i>See Attachment G</i>
(Y) Load growth since December 31, 2009	<i>See Attachment G</i>
(Z) Peak load recorded through December 31, 2009	<i>See Attachment G</i>

**DISTRIBUTION SUBSTATION (Rule 25-6.0455, F.A.C.)**

**a. Describe the five-year patterns/trends in reliability performance of distribution substations.**

The five-year patterns/trends in reliability performance of distribution substations is best described by the performance indices. These indices are used for calculating system reliability:

- SAIDI – System Average Interruption Duration Index (minutes/customer). SAIDI reflects the average number of minutes a customer was without power system-wide. It is determined by dividing the sum of customer-minutes of interruption by the average number of customers served during a period.
- CAIDI – Customer Average Interruption Duration Index (minutes/customer). CAIDI is the average customer-minutes of interruption per customer interruption. It approximates the average length of time required to complete service restoration. It is determined by dividing the sum of all customer-minutes of interruption durations by the number of customer interruptions during a period. CAIDI measures how long it takes DEF to restore service after an interruption.
- SAIFI – System Average Interruption Frequency Index. SAIFI is the average number of interruptions per customer per a certain period. It is determined by dividing the total number of customer interruptions by the average number of customers served during a period.
- OHMY – Outages per Hundred Miles per Year. OHMY measures the number of forced transmission line events, momentary AND sustained, that are incurred per hundred circuit miles per year. This measure is often grouped by voltage class.

The following charts will show the trending for these Reliability Indices:

<b>Section</b>	<b>Grid SAIDI</b>	<b>SECI SAIDI</b>	<b>Retail SAIDI</b>
North	1.75	4.67	0.76
Central	1.70	0.50	2.35
Coastal	0.83	0.54	1.05
Florida	4.27	5.71	4.16

Table 1: 2023 DEF SAIDI Reliability Indices

In 2023, Grid SAIDI decreased 1.33 points from 2022 and SECI (Seminole Electric Cooperatives, Inc.) also decreased 4.39 points. Retail SAIDI also decreased from 2022. SECI represents its electric cooperative members in Florida.



Fig.1: DEF SAIDI Trending (2019 - 2023)

Grid KPIs	2019	2020	2021	2022	2023
Customers (Thousands)	429.79	432.19	291.04	382.24	249.81
CMI (Millions)	25.04	17.83	14.63	16.46	12.57
SAIDI	8.3	6.1	5.3	5.6	4.3
CAIDI	58.26	41.39	58.3	40	50.3
SAIFI	0.14	0.15	0.1	0.14	0.09
FSO	N/A	N/A	N/A	N/A	N/A
FOHMY	8.12	8.74	7.5	8.23	6.46

Table 2: DEF Statistics (2019 - 2023)

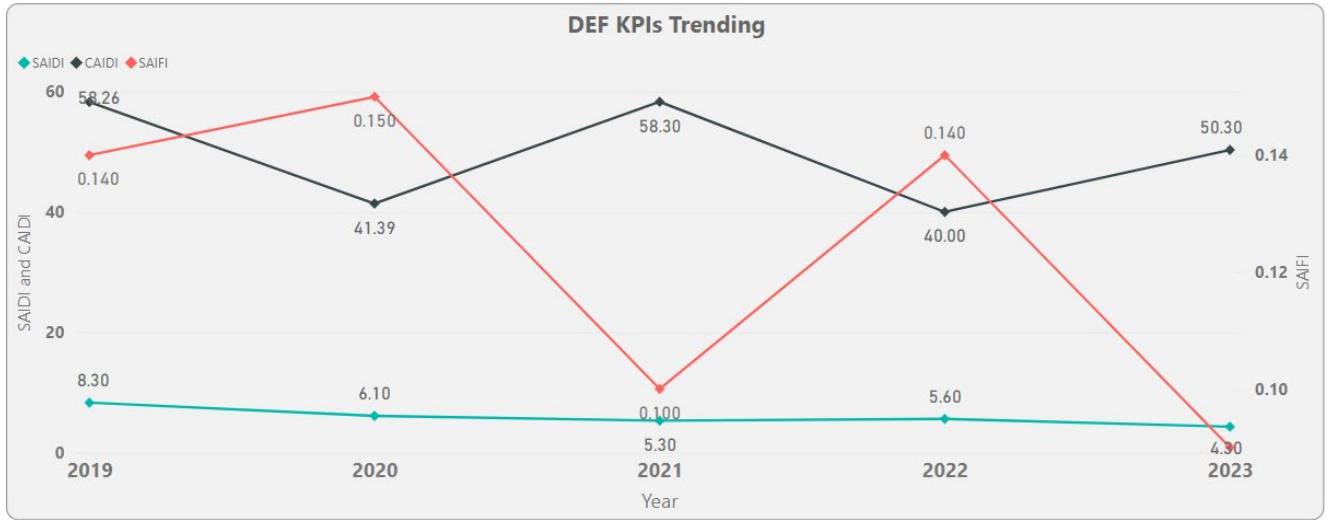


Fig.2: DEF Key Performance Indicators Trending (2019- 2023)

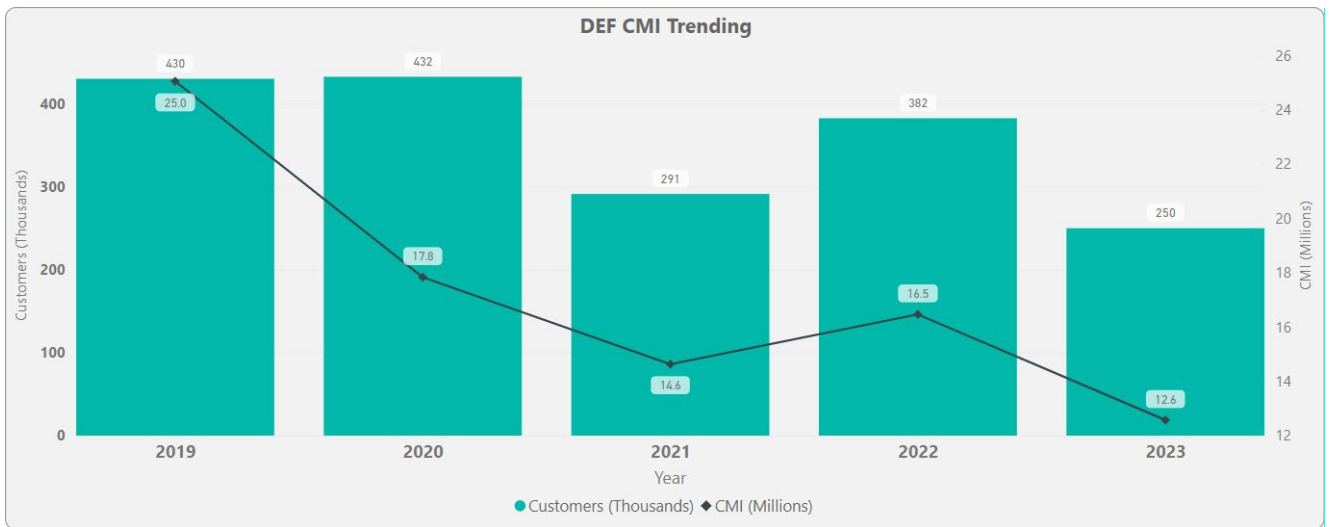


Fig.3: DEF Customers Minute Interruption Trending (2019 - 2023)

## DEF CMI Per Month (2019 - 2023)

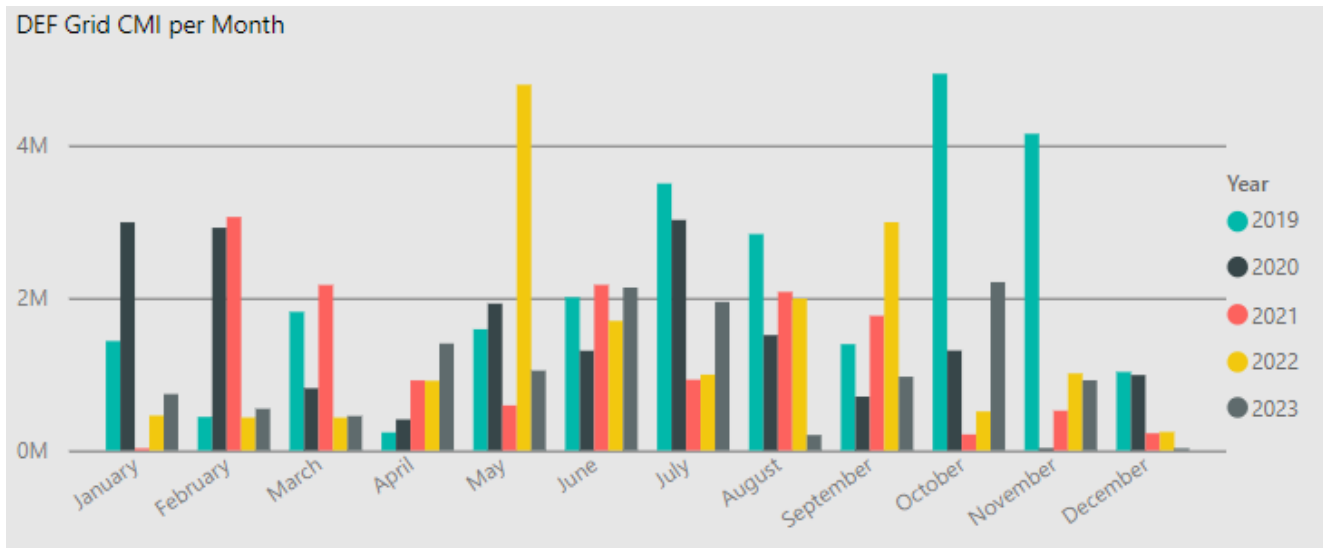


Fig.4: DEF CMI per month (2019 - 2023)

**a. Describe Company efforts to track the reliability of distribution substations.**

DEF’s in-house database, Transmission Outage Management System (TOMS), is used to keep track and record all the events that occur every day. It maintains all the indices mentioned above.

**b. Describe the process used by your Company to identify and select the actions to promote substation reliability.**

To identify and promote substation reliability, DEF uses different methods, such as monthly substation inspections, predictive and preventive maintenance, infra-red analysis and numerous diagnostics tests. Once a problem is identified, DEF’s work management tool is used to track the efforts to correct it.

**c. Provide the number of distribution substations inspected during normal operations (non-storm related) for 2023.**

DEF has inspected each of its current 530 substations.

**SUPPLEMENTAL DISTRIBUTION INFORMATION**

The next six pages contain the following information:

CMI / CI by Operation Center for 2023 (Unadjusted/Adjusted) ..... 31

CEMI5 by Operation Center for 2023 (Unadjusted) ..... 32

CEMI5 by Operation Center for 2023 (Adjusted) ..... 33

MAIFIE by Operation Center for 2023 (Unadjusted) ..... 34

MAIFIE by Operation Center for 2023 (Adjusted) ..... 35

SAIDI by Operation Center for 2023 (Unadjusted/Adjusted) ..... 36



2023

	Unadjusted Data		Adjusted Data	
	CMI	CI	CMI	CI
<b>NORTH CENTRAL</b>	<b>36,419,841</b>	<b>455,602</b>	<b>30,667,939</b>	<b>364,826</b>
APOPKA	9,758,111	121,033	8,632,268	100,800
DELAND	7,742,649	89,402	6,591,811	75,357
JAMESTOWN	10,766,007	146,636	8,439,438	109,496
LONGWOOD	8,153,074	98,531	7,004,422	79,173
<b>NORTH COASTAL</b>	<b>210,500,936</b>	<b>666,353</b>	<b>41,276,597</b>	<b>489,487</b>
INVERNESS	16,918,139	127,243	9,663,453	105,628
MONTICELLO	165,183,395	189,323	11,613,068	116,613
OCALA	14,134,682	165,361	9,922,810	123,709
SEVEN SPRINGS	12,941,535	163,682	9,042,867	125,048
ZEPHYRHILLS	1,323,185	20,744	1,034,399	18,489
<b>SOUTH CENTRAL</b>	<b>49,694,440</b>	<b>609,093</b>	<b>42,180,901</b>	<b>477,773</b>
BUENA VISTA	9,669,678	102,300	8,625,777	89,873
CLERMONT	4,239,677	41,052	3,439,152	33,710
HIGHLANDS	6,132,614	90,170	5,348,646	72,777
LAKE WALES	15,455,773	210,624	12,433,975	148,083
SE ORLANDO	8,062,283	89,315	7,143,432	77,013
WINTER GARDEN	6,134,415	75,632	5,189,919	56,317
<b>SOUTH COASTAL</b>	<b>48,866,515</b>	<b>517,336</b>	<b>26,430,256</b>	<b>375,693</b>
CLEARWATER	15,538,187	157,682	8,492,649	104,197
ST. PETERSBURG	15,628,606	187,445	8,803,152	143,428
WALSINGHAM	17,699,722	172,209	9,134,455	128,068
<b>Grand Total</b>	<b>345,481,732</b>	<b>2,248,384</b>	<b>140,555,693</b>	<b>1,707,779</b>

CEMIS Unadjusted Report - 2023

INTERRUPTIONS:	1	2	3	4	5	6	7	8	9	10 +	Cust >5	CEMI >5
<b>NORTH CENTRAL</b>												
Apopka	33,776	17,369	5,453	2,719	729	596	142	210	35	59	1042	0.94%
Deland	26,966	10,509	5,244	1,924	1,085	396	306	87	37		828	0.91%
Jamestown	42,126	21,314	7,374	3,447	2,010	896	155	4			1055	0.73%
Longwood	22,435	15,252	5,756	1,804	1,996	308	82	25	55	35	505	0.53%
<b>NORTH CENTRAL</b>	<b>125,303</b>	<b>64,444</b>	<b>23,827</b>	<b>9,894</b>	<b>5,820</b>	<b>2,196</b>	<b>685</b>	<b>326</b>	<b>127</b>	<b>94</b>	<b>3,428</b>	<b>0.78%</b>
<b>NORTH COASTAL</b>												
Inverness	23,901	14,868	8,747	3,179	2,296	1,211	666	349	133	133	2,492	2.97%
Monticello	10,118	9,764	8,263	6,231	4,284	3,134	2,073	1,257	910	1,496	8,870	14.98%
Ocala	31,674	13,756	6,651	3,973	2,443	1,629	716	1,109	579	1,737	5,770	6.26%
Seven Springs	65,830	17,525	8,223	3,558	1,264	172	21				193	0.09%
Zephyrhills	6,193	4,977	956	186	21						0	0.00%
<b>NORTH COASTAL</b>	<b>137,716</b>	<b>60,890</b>	<b>32,840</b>	<b>17,127</b>	<b>10,308</b>	<b>6,146</b>	<b>3,476</b>	<b>2,715</b>	<b>1,622</b>	<b>3,366</b>	<b>17,325</b>	<b>3.69%</b>
<b>SOUTH CENTRAL</b>												
Buena Vista	39,976	11,054	5,544	4,411	494	21					21	0.01%
Clermont	9,345	4,365	3,228	1,510	401	79	9				88	0.21%
Highlands	19,891	12,867	6,742	2,017	879	353	106	6		54	519	0.90%
Lake Wales	32,710	23,921	9,047	4,817	2,947	2,568	1,074	257	89	84	4,072	2.87%
SE Orlando	36,003	11,442	3,805	1,080	529	168	119	79	15	4	385	0.38%
Winter Garden	25,840	6,667	4,590	409	862	262	56	2			320	0.35%
<b>SOUTH CENTRAL</b>	<b>163,765</b>	<b>70,316</b>	<b>32,956</b>	<b>14,244</b>	<b>6,112</b>	<b>3,451</b>	<b>1,364</b>	<b>344</b>	<b>104</b>	<b>142</b>	<b>5,405</b>	<b>0.93%</b>
<b>SOUTH COASTAL</b>												
Clearwater	54,585	26,941	8,145	2,289	583	135	97		6	80	318	0.21%
St. Petersburg	50,355	25,314	14,750	6,876	904	408	86	32	9	10	545	0.30%
Walsingham	52,339	24,344	8,828	3,165	1,074	425	81	10			518	0.33%
<b>SOUTH COASTAL</b>	<b>157,279</b>	<b>76,599</b>	<b>31,723</b>	<b>12,330</b>	<b>2,561</b>	<b>968</b>	<b>264</b>	<b>42</b>	<b>15</b>	<b>90</b>	<b>1,379</b>	<b>0.28%</b>
<b>System:</b>	<b>584,063</b>	<b>272,249</b>	<b>121,346</b>	<b>53,595</b>	<b>24,801</b>	<b>12,761</b>	<b>5,789</b>	<b>3,427</b>	<b>1,868</b>	<b>3,692</b>	<b>27,537</b>	<b>1.39%</b>

CEMIS Adjusted Report - 2023

INTERRUPTIONS:	1	2	3	4	5	6	7	8	9	10 +	Cust >5	CEMI >5
<b>NORTH CENTRAL</b>												
Apopka	34,184	14,988	4,325	2,799	502	553	301	18	24	59	955	0.86%
Deland	26,143	10,554	4,483	1,398	813	258	189	41			488	0.54%
Jamestown	39,958	19,805	4,576	1,955	1,497	312	10				322	0.22%
Longwood	22,616	14,127	5,251	2,925	473	312	73	51	4	5	445	0.47%
<b>NORTH CENTRAL</b>	<b>122,901</b>	<b>59,474</b>	<b>18,635</b>	<b>9,077</b>	<b>3,285</b>	<b>1,435</b>	<b>573</b>	<b>110</b>	<b>28</b>	<b>64</b>	<b>2,210</b>	<b>0.50%</b>
<b>NORTH COASTAL</b>												
Inverness	24,707	13,786	8,249	3,035	1,498	576	303	187	81	82	1,229	1.47%
Monticello	14,726	8,712	6,802	5,095	2,692	1,644	1,083	596	276	231	3,830	6.47%
Ocala	21,593	12,924	4,197	3,049	2,277	1,242	1,132	773	582	1,102	4,831	5.24%
Seven Springs	56,794	15,727	7,972	2,174	959	128	7				135	0.07%
Zephyrhills	5,090	4,811	853	186	21						-	0.00%
<b>NORTH COASTAL</b>	<b>122,910</b>	<b>55,960</b>	<b>28,073</b>	<b>13,539</b>	<b>7,447</b>	<b>3,590</b>	<b>2,525</b>	<b>1,556</b>	<b>939</b>	<b>1,415</b>	<b>10,025</b>	<b>2.14%</b>
<b>SOUTH CENTRAL</b>												
Buena Vista	39,504	12,005	5,023	2,613	371	21					21	0.01%
Clermont	10,413	3,408	3,204	1,352	62	54	1				55	0.13%
Highlands	18,608	10,607	5,926	1,696	712	333	38			54	425	0.74%
Lake Wales	31,979	21,301	8,269	3,768	1,690	2,056	818	216	57	82	3,229	2.28%
SE Orlando	37,982	10,433	2,739	1,112	229	139	52	59	3	2	255	0.25%
Winter Garden	24,656	8,519	1,929	490	883	56	18	2			76	0.08%
<b>SOUTH CENTRAL</b>	<b>163,142</b>	<b>66,273</b>	<b>27,090</b>	<b>11,031</b>	<b>3,947</b>	<b>2,659</b>	<b>927</b>	<b>277</b>	<b>60</b>	<b>138</b>	<b>4,061</b>	<b>0.70%</b>
<b>SOUTH COASTAL</b>												
Clearwater	50,228	17,848	3,734	1,164	408	37	17	1	45	35	135	0.09%
St. Petersburg	49,092	28,518	11,955	4,497	846	132	43	19			194	0.11%
Walsingham	48,541	17,805	7,529	2,503	570	433	55				488	0.31%
<b>SOUTH COASTAL</b>	<b>147,861</b>	<b>64,171</b>	<b>23,218</b>	<b>8,164</b>	<b>1,824</b>	<b>602</b>	<b>115</b>	<b>20</b>	<b>45</b>	<b>35</b>	<b>817</b>	<b>0.17%</b>
<b>System</b>	<b>556,814</b>	<b>245,878</b>	<b>97,016</b>	<b>41,811</b>	<b>16,503</b>	<b>8,286</b>	<b>4,140</b>	<b>1,963</b>	<b>1,072</b>	<b>1,652</b>	<b>17,113</b>	<b>0.86%</b>

## MAIFIE - Unadjusted (01/01/2023 - 12/31/2023)

	<u>Customers</u>	<u># momentary</u>		
	<u>Served</u>	<u>events</u>	<u>CME</u>	<u>MAIFIE</u>
<b>North Central</b>				
Apopka	110,915	161	205,435	1.9
Deland	90,524	95	137,670	1.5
Jamestown	144,959	143	242,740	1.7
Longwood	95,236	108	138,518	1.5
<b>North Central Total</b>	<b>441,634</b>	<b>507</b>	<b>724,363</b>	<b>1.6</b>
<b>North Coastal</b>				
Inverness	83,843	123	156,345	1.9
Monticello	59,205	169	143,928	2.4
Ocala	92,141	87	122,146	1.3
Seven Springs	204,767	165	317,328	1.5
Zephyrhills	29,466	25	56,550	1.9
<b>North Coastal Total</b>	<b>469,422</b>	<b>569</b>	<b>796,297</b>	<b>1.7</b>
<b>South Central</b>				
Buena Vista	150,660	191	308,737	2.0
Clermont	42,368	59	105,748	2.5
Highlands	57,578	124	163,921	2.8
Lake Wales	141,691	235	399,754	2.8
SE Orlando	101,180	126	150,910	1.5
Winter Garden	90,370	72	124,680	1.4
<b>South Central Total</b>	<b>583,847</b>	<b>807</b>	<b>1,253,750</b>	<b>2.1</b>
<b>South Coastal</b>				
Clearwater	148,683	177	355,524	2.4
St. Petersburg	183,072	114	217,037	1.2
Walsingham	155,985	127	179,275	1.1
<b>South Coastal Total</b>	<b>487,740</b>	<b>418</b>	<b>751,836</b>	<b>1.5</b>
	<b><u>1,982,643</u></b>	<b><u>2,301</u></b>	<b><u>3,526,246</u></b>	<b><u>1.8</u></b>

## MAIFIE - Adjusted (01/01/2023 - 12/31/2023)

	<u>Customers</u> <u>Served</u>	<u># momentary</u> <u>events</u>	<u>CME</u>	<u>MAIFIE</u>
<b>North Central</b>				
Apopka	110,915	159	202,881	1.8
Deland	90,524	95	137,670	1.5
Jamestown	144,959	143	242,740	1.7
Longwood	95,236	108	138,518	1.5
<b>North Central Total</b>	<b>441,634</b>	<b>505</b>	<b>721,809</b>	<b>1.6</b>
<b>North Coastal</b>				
Inverness	83,843	116	152,536	1.8
Monticello	59,205	167	142,133	2.4
Ocala	92,141	86	120,397	1.3
Seven Springs	204,767	165	317,328	1.5
Zephyrhills	29,466	25	56,550	1.9
<b>North Coastal Total</b>	<b>469,422</b>	<b>559</b>	<b>788,944</b>	<b>1.7</b>
<b>South Central</b>				
Buena Vista	150,660	191	308,737	2.0
Clermont	42,368	59	105,748	2.5
Highlands	57,578	124	163,921	2.8
Lake Wales	141,691	234	398,826	2.8
SE Orlando	101,180	126	150,910	1.5
Winter Garden	90,370	72	124,680	1.4
<b>South Central Total</b>	<b>583,847</b>	<b>806</b>	<b>1,252,822</b>	<b>2.1</b>
<b>South Coastal</b>				
Clearwater	148,683	175	351,410	2.4
St. Petersburg	183,072	114	217,037	1.2
Walsingham	155,985	125	175,832	1.1
<b>South Coastal Total</b>	<b>487,740</b>	<b>414</b>	<b>744,279</b>	<b>1.5</b>
	<b><u>1,982,643</u></b>	<b><u>2,284</u></b>	<b><u>3,507,854</u></b>	<b><u>1.8</u></b>



SYSTEM RELIABILITY INDICES – ABSENT ADJUSTMENTS		
Utility Name: Duke Energy Florida		
2023		
Region	Operation Center	SAIDI
NORTH COASTAL		448.4
	Inverness	201.8
	Monticello	2,790.0
	Ocala	153.4
	Seven Springs	63.2
	Zephyrhills	44.9
SOUTH COASTAL		100.2
	Clearwater	104.5
	St. Petersburg	85.4
	Walsingham	113.5
NORTH CENTRAL		82.5
	Apopka	88.0
	Deland	85.5
	Jamestown	74.3
	Longwood	85.6
SOUTH CENTRAL		85.1
	Buena Vista	64.2
	Clermont	100.1
	Highlands	106.5
	Lake Wales	109.1
	SE Orlando	79.7
	Winter Garden	67.9
SYSTEM		174.3

Note: SAIDI indices are the contribution to the system level.



SYSTEM RELIABILITY INDICES – ADJUSTED		
Utility Name: Duke Energy Florida		
2023		
Region	Operation Center	SAIDI
NORTH COASTAL		87.9
	Inverness	115.3
	Monticello	196.2
	Ocala	107.7
	Seven Springs	44.2
	Zephyrhills	35.1
SOUTH COASTAL		54.2
	Clearwater	57.1
	St. Petersburg	48.1
	Walsingham	58.6
NORTH CENTRAL		69.4
	Apopka	77.8
	Deland	72.8
	Jamestown	58.2
	Longwood	73.5
SOUTH CENTRAL		72.2
	Buena Vista	57.3
	Clermont	81.2
	Highlands	92.9
	Lake Wales	87.8
	SE Orlando	70.6
	Winter Garden	57.4
SYSTEM		70.9

Note: SAIDI indices are the contribution to the system level.

## RELIABILITY RELATED CUSTOMER COMPLAINTS

Please see “Attachment H” for DEF’s spreadsheet comparing DEF vs. PSC 2023 reliability-related complaints. Solidifies

### a. Describe the five year patterns/trends in reliability related customer complaints.

Duke Energy Florida receives its customer complaints from the FPSC via a variety of methods (Formal Complaints, Courtesy Calls, Internet Transfers). The 5 year trend is shown below with DEF reliability related complaint data:

FPSC Formal (15 Day/Logged) Complaints					
Complaint Category	Year End Total				
	2019	2020	2021	2022	2023
<b>Outages - Momentary</b>	7	15	11	3	5
<b>Outages - Frequent</b>	47	35	22	25	32
<b>Outages – Extended</b>	13	7	2	8	6
<b>Voltage</b>	7	10	2	3	7
<b>Equipment/Facilities</b>	13	12	18	7	15
<b>Tree Trimming</b>	8	7	3	7	7
<b>Safety</b>	0	0	0	0	0
<b>Total</b>	<b>95</b>	<b>86</b>	<b>58</b>	<b>53</b>	<b>72</b>

### b. Describe Company efforts to correlate reliability related complaints with reliability indices for applicable feeder, lateral and subregion.

Reliability complaints are typically driven by localized delivery system performance. The most effective remedy is surgical corrective action based on patrol/survey of a discrete segment in conjunction with analysis of outage cause(s) and duration. Corrective action scope is typically increased when appropriate to ensure maximum impact on established reliability indices such as SAIDI, MAIFIE, CEMI4, and CELID3.

### c. Describe the process used by your company to identify and select systematic actions to improve reliability due to customer complaints (if no such program exists explain why).

Systematic corrective actions are prioritized based on expected improvement to established reliability indices such as SAIDI, MAIFIE, CEMI4, and CELID3. Reliability complaints are typically driven by localized delivery system performance. The most effective remedy is surgical corrective action based on patrol/survey of a discrete segment in conjunction with analysis of outage cause(s) and duration. Corrective actions are compared to the reliability work plan to ensure no unnecessary duplication of effort.

## WOOD POLE INSPECTION PROGRAM

### a. Provide a detailed description of the Company's wood pole inspection program.

DEF's wood pole inspection program's philosophy is to determine the condition of the wood pole plant and provide remediation for any wood poles that are showing signs of decay or fall below the minimum strength requirements outlined by NESC standards.

DEF is utilizing the expertise of GeoForce for distribution and Entrust(2023)/Geoforce (2024) for transmission to perform the inspections on an eight-year cycle. Transmission inspection includes visual inspection, sounding, and utilizes a Resistograph to bore. Transmission wood poles identified as not meeting Standards are prioritized and scheduled for replacement. Distribution inspections include visual inspection, sound and boring, and full excavation down to 18 inches below ground line to determine the condition of all poles with the exception of CCA poles less than 16 years of age and poles that cannot be excavated due to obstructions. For CCA poles less than 16 years of age, inspections include visual and sound, as well as, selective boring to determine the pole condition. In addition, inspections are providing remediation of decayed poles through external and internal treatments. In distribution if the pole is below NESC standards and has the minimum remaining wood above ground line, reinforcement of the pole with steel C-trusses is often performed to bring the pole back to original strength.

For additional information, please see Attachment I - "Wood Pole Inspection Plan".

### b. 2023 accomplishments

#### Distribution

Duke Energy Florida inspected 99,700 wood distribution poles during 2023. This completes the second year of the third 8-year inspection cycle. In addition to the inspections, GPS coordinates and physical attributes were updated and/or verified and inspection results were collected in a central database on all poles inspected.

The distribution wood pole inspection program is planned to complete approximately 1/8 of the distribution pole fleet per year. In cycle 1, the route of the inspections was performed to inspect the coastal poles first, moving inland as the program proceeded. Cycle 2 was conducted in a manner that provides a more even distribution of work to Duke Energy Florida's engineering and line resources. Cycle 3 we are inspecting by Circuit ID.

#### Transmission

In 2023, DEF's Transmission Ground Patrols inspected 3001 wood pole structures. This represents approximately 21 % of the wood pole structures on the DEF Transmission system. For the summary report of the inspection data, See Attachment J - "DEF's 2023 Annual Wood Pole Inspection Report," filed with the FPSC on March 1, 2024.



**c. Projected accomplishments for 2024**

Distribution

DEF's goal for 2024 is to continue cycle three inspections of the system. DEF will continue to utilize the same inspection procedures in 2024 that were used in the past. Projected cost for the 2024 distribution pole inspection program is \$4.04 million.

Transmission

Plans for 2024 are to perform visual and sounding inspections on 1/3 of the wood pole system. DEF Transmission plans to inspect at least 1/6 of our non-wood system. Both inspections: wood – visuals and non-wood visual inspections are performed by a contractor. The entire transmission system will also be aerially patrolled twice via helicopter in 2024.

**d. Wood pole inspection reports.**

Each wood pole inspection report contains the following:

- A description of the methods used for structural analysis and pole inspection;
- A description of the selection criteria that was used to determine which poles would be inspected; and
- A summary report of the inspection data.

Distribution

Please see Attachment J – “DEF’s 2023 Annual Wood Pole Inspection Report” filed with the FPSC on March 1, 2024.

For a description of the methods used for structural analysis and pole inspection – please refer to Attachment I - “Wood Pole Inspection Plan”, pages 6 - 8.

For the summary report of the inspection data - See Attachment K – a CD containing Excel file - “2023 DEF Distribution Pole Inspection Data”.

Transmission

Please see Attachment J – “DEF’s 2023 Annual Wood Pole Inspection Report,” filed with the FPSC on March 1, 2024.

For a description of the methods used for structural analysis and pole inspection, please refer to Attachment I – “Wood Pole Inspection Plan.”

## **CCA Pole Sampling Report**

Pursuant to Order No. PSC-08-0615-PAA-EI issued September 23, 2008 in Docket No. 080219-EI, the Commission approved modification to the sounding and boring excavation requirements of Order No. 06-0144-PAA-EI with regard to CCA wood poles less than 16 years old. On Pages 3 and 4 of Order No. PSC-08-0615-PAA-EI, it states,

“ORDERED that, consistent with the deviation granted to Gulf Power Company in Order No. PSC-07-0078-PAA-EU, Progress Energy Florida, Inc., Florida Power & Light Company, and Tampa Electric Company shall be required to sound and selectively bore all CCA poles under the age of 16 years, but shall not be required to perform full excavation on these poles. It is further

ORDERED that Progress Energy Florida, Inc., Florida Power & Light Company, and Tampa Electric Company shall also be required to perform full excavation sampling to validate their inspection method. It is further

ORDERED that the results of the utilities’ sampling shall be filed in their annual distribution reliability reports.”

## **2023 CCA Pole Sampling Results**

Please see Attachment J – “DEF’s 2023 Annual Wood Pole Inspection Report” filed with the FPSC on March 1, 2024. The “CCA Sampling Results for 2023” is included in DEF’s Wood Pole Inspection Report as “Attachment B”.

## **OVERHEAD/UNDERGROUND RELIABILITY (OH/UG) (INITIATIVE 7)**

- a. Describe the five-year patterns/trends in reliability performance of underground systems vs. overhead systems.** See separate spreadsheet attachment.

See Attachment L - "Comparison of Historical Trends-Overhead vs. Underground"

- b. Describe Company efforts to separately track the reliability of overhead and underground systems.**

Following is a description of the process that will be used to separately track the reliability of overhead and underground systems:

DEF will collect information to determine the percentage of storm caused outages on overhead systems and underground systems. Some assumptions are required when assessing the performance of overhead systems versus underground systems. For example, underground systems are typically protected by overhead fuses. DEF will provide for these factors in its analysis.

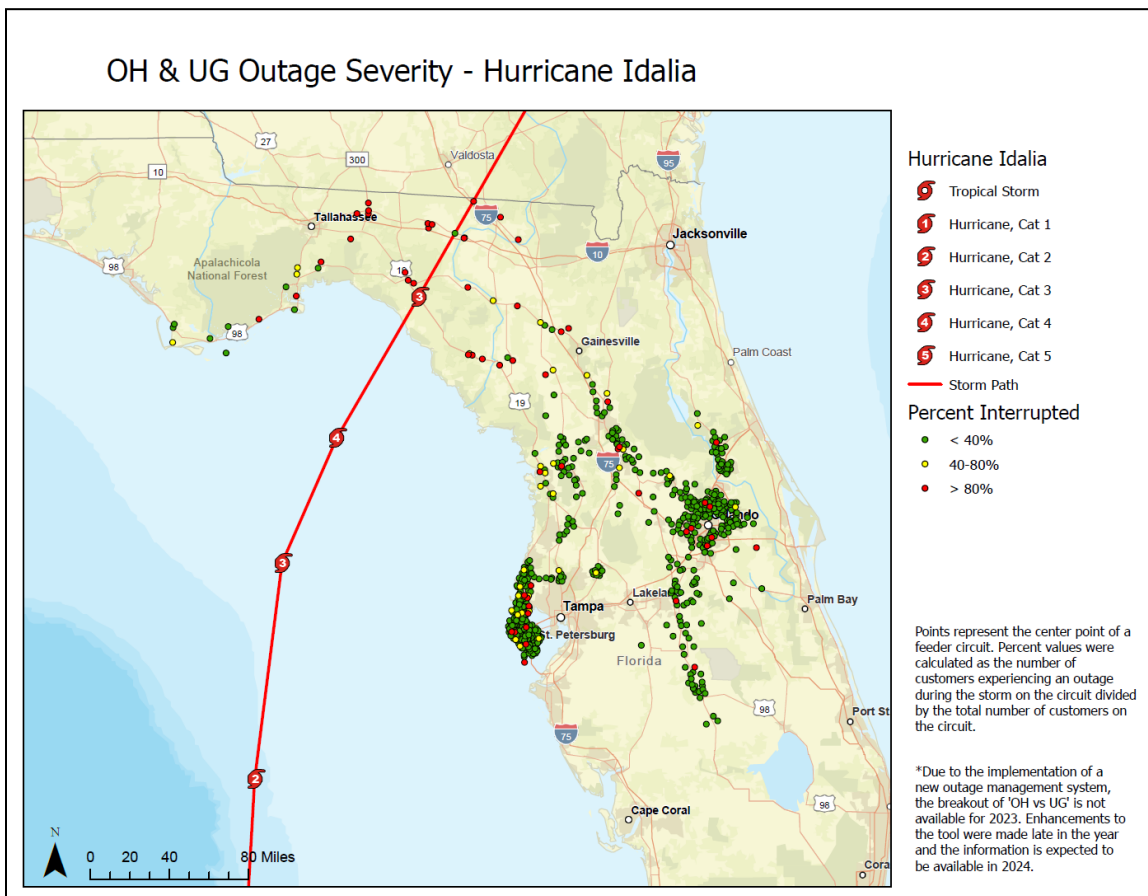
DEF has an internal hierarchy in its Advanced Distribution Management System (ADMS) that models how all of its facilities are connected to each other. This information provides the connection to the feeder breaker down to the individual transformer. DEF's Customer Connect (C4C) captures which customer is tied to what individual transformer. DEF's Geographical Information System (GIS) provides several sets of data and information points regarding DEF's assets. DEF uses these systems to help analyze the performance of the following types of overhead and underground assets:

- Breakers
- Electronic Reclosers
- Fuses
- Hydraulic Reclosers
- Interrupters
- Motor Operated Switches
- OH Conductors
- OH Transformers
- Primary Meters
- Switch Gear Fuses
- Sectionalizers
- Services
- Switches
- Terminal Pole Fuses
- Under Ground Conductors
- Under Ground Transformers

As part of this process, the location of each feeder circuit point is determined by approximating the geographic midpoint of each circuit. Outages experienced as a result of a named storm will be

extracted from system data. The outages will then be grouped by feeder circuit ID and by outage type, where outage type is either overhead or underground. The number of customers interrupted by an overhead device will then be summed by feeder circuit ID and the number of customers interrupted by an underground device will be summed by feeder circuit ID. A single feeder circuit may have overhead and underground outages, so approximations will be made in those circumstances.

Once this information is collected, the percentage of customers interrupted will be calculated by dividing the sum of customers interrupted per feeder circuit by the total customers served for that feeder circuit. This process is applied as the sum of customers interrupted by all overhead devices on a feeder circuit divided by the number of customers served by the feeder circuit and the sum of customers interrupted by all underground devices on a feeder circuit divided by the number of customers served by the feeder circuit. As a result of this process, DEF will produce graphic representations of performance such as those depicted below for Hurricane Idalia:



DEF will also collect available performance information as a part of the storm restoration process via servicemen in the field, such as:

Restore time;  
Cause code;  
Observations and comments;  
Failed device name;  
Failed device size;  
Failed device type;  
Failed device phase; and  
Failed device location.

**c. Describe the process used by your company to identify and select the actions to promote underground distribution systems.**

DEF notes that it does not necessarily promote underground distribution systems in all instances. Rather, DEF's programs are designed to identify areas where an underground distribution system would be effective both from an operational and cost/benefit perspective, and to help customers considering underground projects to receive the information that they need to make a well-thought decision.

In 2023, DEF installed 462 circuit miles of new underground cable. Overall, the DEF distribution system consists of 47.98% primary underground circuit miles (16,677 circuit miles).

**d. Provide Overhead/Underground metrics (miles, # of customers, CMI, CI, MAIFie, CEMI5 and L-Bar for the Calendar Year).**

See Attachment M - "Overhead/Underground Metrics"

See Separate Spreadsheet with data listed (a) through (j).

(k) Overhead equipment of performance analysis by type per system. (wood pole vs. concrete pole, etc.) will not be available.

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# ATTACHMENT A

OUTAGE ID	COMPANY	SECTION	LOCATION	OUTAGAE START TIME	CIRCUIT RESTORATION	RETAIL	GRID	INITIATING CAUSE			RETAIL	GRID CMI
						OUTAGE M CUSTOMERS	CUSTOMERS	CATEGORY	INITIATING CAUSE	SUSTAINED CAUSE	CMI	
105730	DEF		OSPREY ENERGY CENTER	12/31/2023 15:23:17		0	0				0	0
105714	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	12/29/2023 18:42:19	12/29/2023 18:42:29	0	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
105706	DEF		OCCIDENTAL METERING (OXYM) - OCCIDENTAL 3 (OC3L) 115KV LINE	12/29/2023 04:40:09	12/29/2023 04:40:17	0	0	0 Other	Other	Other	0	0
105700	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	12/27/2023 07:07:06	12/27/2023 07:07:16	0	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
105688	DEF		FLORIDA GAS TRANSMISSION EAST (FGTE) - WEWAHOOTEE (WWHO) 69KV LINE	12/26/2023 11:32:37	12/26/2023 11:32:45	0	0	0 Other	Other	Other	0	0
105682	DEF		OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	12/25/2023 09:42:19	12/25/2023 13:28:07	225	0	0 Other	Other	Other	0	0
105684	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	12/25/2023 09:03:37	12/25/2023 09:58:55	55	0	0 Other	Other	Other	0	0
105686	DEF		OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	12/24/2023 23:49:49	12/25/2023 01:24:30	94	0	0 Other	Other	Other	0	0
105658	DEF		OCCIDENTAL METERING (OXYM) - OCCIDENTAL 3 (OC3L) 115KV LINE	12/22/2023 11:14:42	12/22/2023 11:14:46	0	0	0 Other	Other	Other	0	0
105646	DEF		ANCLOTE (ANCL) G2	12/21/2023 14:37:21	12/21/2023 14:37:22	0	0	0 Other	Other	Other	0	0
105610	DEF		BRONSON (BRSN) - CRYSTAL RIVER (CRPL) 230KV LINE	12/18/2023 19:02:15	12/19/2023 07:39:20	757	0	0 Other	Other	Other	0	0
105644	DEF	DEF North	LISBON	12/16/2023 22:22:18			0	0 Miscellaneous	Under Investigation (Misc?)	Electrical Controls/Circuitry	0	0
105562	DEF		OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	12/16/2023 21:22:33	12/17/2023 13:58:25	995	0	0 Other	Other	Other	0	0
105564	DEF		OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	12/16/2023 18:30:33	12/16/2023 20:24:07	113	0	0 Other	Other	Other	0	0
105554	DEF		OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	12/16/2023 16:20:51	12/16/2023 20:25:00	244	0	0 Other	Other	Other	0	0
105556	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	12/16/2023 16:07:41	12/16/2023 18:38:49	151	0	0 Other	Other	Other	0	0
105558	DEF		OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	12/16/2023 15:07:31	12/16/2023 16:10:11	62	0	0 Other	Other	Other	0	0
105560	DEF	DEF Central	FORT GREEN 4 (FGN4) - F4MX MOSAIC FEEDER 25KV (F4MX LINE)	12/16/2023 07:05:35	12/18/2023 07:21:38	2896	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
105690	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	12/14/2023 14:18:10	12/14/2023 18:30:12	252	0	0 Other	Other	Other	0	0
105546	DEF		OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	12/14/2023 11:40:03	12/14/2023 14:54:24	194	0	0 Other	Other	Other	0	0
105490	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	12/12/2023 11:30:31	12/12/2023 13:21:21	110	0	0 Other	Other	Other	0	0
105450	DEF		OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	12/10/2023 23:16:15	12/11/2023 09:15:26	599	0	0 Other	Other	Other	0	0
105452	DEF		OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	12/10/2023 20:43:15	12/10/2023 22:06:01	82	0	0 Other	Other	Other	0	0
105454	DEF		OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	12/10/2023 20:38:29	12/10/2023 23:21:57	163	0	0 Other	Other	Other	0	0
105456	DEF	DEF North	CRYSTAL RIVER (CRPL) BK10	12/10/2023 16:53:39	12/10/2023 23:40:14	406	1	1 Miscellaneous	Distribution System Equipment	Support/Insulator	402	402
105458	DEF	DEF North	CRYSTAL RIVER (CRPL) BK11	12/10/2023 16:53:39	12/10/2023 23:36:54	403	21	21 Miscellaneous	Distribution System Equipment	Support/Insulator	4,347	4,347



105428	DEF		OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	12/10/2023 13:23:01	12/10/2023 15:20:55	117	0	0 Other	Other	Other	0	0
105430	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	12/10/2023 06:12:39	12/10/2023 06:12:49	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
105606	DEF	DEF Central	WEWAHOOTEE*	12/09/2023 00:57:01			74	74 Breaker Equipment	Operating Mechanism	Operating Mechanism	9,694	9,694
105404	DEF		INTERCESSION CITY (ICTY) - INTERCESSION CITY P11 + P13 (ICTY) 230KV LINE	12/08/2023 13:49:23	12/14/2023 08:38:00	8328	0	0 Other	Other	Other	0	0
105396	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	12/07/2023 21:44:38	12/07/2023 21:44:46	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
105338	DEF	DEF Central	HINES (HINE) CT3B	12/02/2023 18:12:12	12/02/2023 18:12:13	0	0	0 Generating Unit	Under Investigation (Generating Unit?)	Other	0	0
105340	DEF	DEF Central	HINES (HINE) ST3S	12/02/2023 18:12:12	12/02/2023 18:12:13	0	0	0 Generating Unit	Under Investigation (Generating Unit?)	Other	0	0
105342	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	12/02/2023 16:58:08	12/03/2023 05:03:19	725	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non- Duke)	0	0
105330	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	12/02/2023 14:33:34	12/02/2023 15:10:14	36	0	0 Other	Other	Other	0	0
105346	DEF	DEF Central	HINES (HINE) ST3S	12/02/2023 11:18:09	12/02/2023 11:18:10	0	0	0 Generating Unit	Aux Equipment (Generator)	Other	0	0
105348	DEF	DEF Central	HINES (HINE) CT3B	12/02/2023 11:17:58	12/02/2023 11:17:59	0	0	0 Generating Unit	Aux Equipment (Generator)	Other	0	0
105350	DEF	DEF Central	HINES (HINE) CT3A	12/02/2023 11:05:36	12/02/2023 11:05:37	0	0	0 Generating Unit	Aux Equipment (Generator)	Other	0	0
105328	DEF	DEF Central	HINES (HINE) CT3A	12/01/2023 12:08:48	12/01/2023 12:08:49	0	0	0 Generating Unit	Generator	Other	0	0
105322	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	11/30/2023 21:52:43	11/30/2023 22:33:07	40	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non- Duke)	0	0
105316	DEF		PARKWAY (PKWY) - TAFT (TAFT) 69KV LINE	11/30/2023 12:34:36	11/30/2023 20:02:00	447	0	0 Other	Other	Other	0	0
105384	DEF	DEF North	LADY LAKE	11/30/2023 06:59:59	11/30/2023 16:29:42	569	1000	1,000 Miscellaneous	Distribution System Equipment	Operating Mechanism	51,000	51,000
105298	DEF		NEWBERRY (NBRY) - WILCOX (WLCX) 230KV NW LINE	11/29/2023 14:11:47	11/29/2023 15:17:21	65	0	0 Other	Other	Other	0	0
105318	DEF	DEF Coastal	SEVEN SPRINGS*	11/29/2023 12:46:47			2799	2,799 Miscellaneous	Under Investigation (Misc?)	Interrupters	55,410	55,410
105292	DEF		SUWANNEE PEAKERS (SWPK) - SUWANNEE TRANSMISSION (SWTR) 230KV LINE	11/28/2023 18:26:54	11/28/2023 18:58:00	31	0	0 Other	Other	Other	0	0
105254	DEF		CENTRAL FLORIDA (CFLA) - HAINES CREEK (HNCK) 230KV LINE	11/27/2023 12:12:48	11/27/2023 12:12:56	0	0	0 Other	Other	Other	0	0
105256	DEF		OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	11/26/2023 23:37:45	11/27/2023 07:48:58	491	0	0 Other	Other	Other	0	0
105372	DEF		HINES (HINE) CT4B	11/26/2023 04:02:16	11/26/2023 04:02:17	0	0	0 Other	Other	Other	0	0
105230	DEF	DEF Central	FORT GREEN 4 (FGN4) - F4MX MOSAIC FEEDER 25KV (F4MX LINE)	11/24/2023 10:41:41	11/27/2023 07:07:10	4105	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
105208	DEF	DEF Central	BARTOW (BART) CT4D	11/23/2023 04:33:50	11/23/2023 04:33:51	0	0	0 Generating Unit	Aux Equipment (Generator)	(Generator)	0	0
105210	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	11/22/2023 18:42:22	11/22/2023 18:42:32	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
105212	DEF	DEF Central	VANDOLAH (VAND) - WAUCHULA POD (WACP) 69KV VW LINE	11/22/2023 17:34:33	11/22/2023 17:37:53	3	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
105214	DEF		OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	11/22/2023 13:13:36	11/22/2023 13:56:08	42	0	0 Other	Other	Other	0	0

105202	DEF		EUSTIS SOUTH (EUSS) - MOUNT DORA (MTDR) 69KV LINE	11/22/2023 09:06:49	11/22/2023 09:06:55	0	0	0 Other	Other	Other	0	0
105166	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	11/19/2023 05:48:36	11/19/2023 05:48:46	0	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
105168	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	11/18/2023 12:21:48	11/18/2023 13:01:25	39	0	0 Other	Other	Other	0	0
105156	DEF	DEF Central	AVON PARK (AVPK) - FISHEATING CREEK (FISH) 230KV LINE	11/18/2023 05:16:56	11/18/2023 05:17:23	0	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
105150	DEF		BRONSON (BRSN) - CRYSTAL RIVER (CRPL) 230KV LINE	11/17/2023 13:04:42	11/18/2023 14:05:16	1500	0	0 Other	Other	Other	0	0
105152	DEF		AVALON (AVLN) - WINDERMERE (WIND) 230KV LINE	11/17/2023 12:21:22			0	0 Other	Other	Other	0	0
105148	DEF		EATONVILLE (ETON) - WOODSMERE (WOOD) 69KV LINE	11/17/2023 10:19:43	11/17/2023 16:35:24	375	0	0 Other	Other	Other	0	0
105138	DEF	DEF Central	DELAND WEST (DELW) - SILVER SPRINGS (SVSP) 230KV LINE	11/16/2023 20:28:43	11/16/2023 20:28:55	0	0	0 Other	No Reclose by Design or Policy	Other	0	0
105140	DEF		LEESBURG (LEBG) - OKAHUMPKA (OKHP) 69KV LINE	11/16/2023 18:38:44	11/16/2023 18:38:50	0	0	0 Other	Other	Other	0	0
105386	DEF	DEF Central	SUNFLOWER	11/15/2023 17:01:24			2750	2,750 Miscellaneous	Distribution System Equipment	Electrical Controls/Circuitry	242,000	242,000
105174	DEF	DEF North	CRYSTAL RIVER (CRPL) BK11	11/14/2023 22:30:35	11/15/2023 09:24:42	654	3	3 Transformer Equipment	Arrestor (Transformer)	Under Investigation (Transformer?)	1,254	1,254
105172	DEF	DEF North	CRYSTAL RIVER (CRPL) BK10	11/14/2023 22:30:35	11/15/2023 09:24:42	654	55	55 Transformer Equipment	Arrestor (Transformer)	Arrestor (Transformer)	28,710	28,710
105108	DEF	DEF Coastal	16TH STREET (ST16) - 40TH STREET (ST40) 115KV LINE	11/14/2023 19:38:24	11/14/2023 21:15:19	96	0	0 Human Error	Under Investigation (Human Error?)	Under Investigation (Human Error?)	0	0
105106	DEF	DEF Coastal	OAKHURST (OAKH) 13KV BUS 3	11/14/2023 15:05:18	11/14/2023 16:10:51	65	7300	7,300 Animal	Bird Nest	Bird Nest	197,410	197,410
105096	DEF		FLORIDA GAS TRANSMISSION EAST (FGTE) - WEWAHOOTEE (WWHO) 69KV LINE	11/14/2023 07:48:14	11/14/2023 07:48:26	0	0	0 Other	Other	Other	0	0
105084	DEF	DEF Central	HINES (HINE) CT1A	11/13/2023 11:27:24	11/13/2023 11:27:25	0	0	0 Generating Unit	Under Investigation (Generating Unit?)	Under Investigation (Generating Unit?)	0	0
105070	DEF		OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	11/12/2023 02:45:59	11/12/2023 03:47:29	61	0	0 Other	Other	Other	0	0
105072	DEF		OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	11/11/2023 20:38:12	11/11/2023 21:28:58	50	0	0 Other	Other	Other	0	0
105074	DEF		OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	11/11/2023 14:41:38	11/11/2023 15:26:57	45	0	0 Other	Other	Other	0	0
105102	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	11/11/2023 00:15:58	11/11/2023 01:59:25	103	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non- Duke)	0	0
105062	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K737 MOSAIC FEEDER 25KV (K737MX LINE)	11/10/2023 20:40:32	11/10/2023 21:08:48	28	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
105058	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	11/09/2023 12:28:20	11/09/2023 13:29:32	61	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Equipment (Non- Duke)	0	0
105056	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	11/08/2023 18:21:03	11/08/2023 19:21:55	60	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
105036	DEF	DEF Central	LAKE LUNTZ (LUNZ) 13KV BUS 1	11/06/2023 19:12:05	11/07/2023 03:32:05	500	4916	4,916 Animal	Raccoon	Raccoon	296,564	296,564

105032	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	11/06/2023 02:56:53	11/06/2023 02:57:03	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
105034	DEF	DEF Central	HORSE CREEK (HORS) - HORSE CREEK 2 (HOR2) 69KV LINE	11/05/2023 10:47:37	11/05/2023 11:36:48	49	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
105120	DEF	DEF North	EAST POINT*	11/02/2023 05:46:54			663	663	Relay and Control Systems	Physical Connection (Protection System)	Physical Connection (Protection System)	47,073	47,073
104984	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	11/01/2023 09:18:05	11/01/2023 11:52:45	154	0	0	Unknown	Unknown	Unknown	0	0
104986	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	11/01/2023 07:48:34	11/01/2023 08:42:08	53	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
104988	DEF		OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	11/01/2023 03:24:34	11/01/2023 08:42:08	317	0	0	Other	Other	Other	0	0
104990	DEF		OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	10/31/2023 23:36:58	11/01/2023 01:10:36	93	0	0	Other	Other	Other	0	0
104992	DEF		OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	10/31/2023 21:48:54	10/31/2023 22:54:25	65	0	0	Other	Other	Other	0	0
104970	DEF		OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	10/30/2023 21:36:43	10/30/2023 22:27:47	51	0	0	Other	Other	Other	0	0
104930	DEF	DEF Central	HINES (HINE) CT3A	10/29/2023 11:06:22	10/29/2023 11:06:23	0	0	0	Generating Unit	Aux Equipment (Generator)	Other	0	0
104932	DEF	DEF Central	HINES (HINE) ST3S	10/29/2023 11:06:22	10/29/2023 11:06:23	0	0	0	Generating Unit	Aux Equipment (Generator)	Other	0	0
104934	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	10/28/2023 20:32:08	10/28/2023 20:32:16	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
104936	DEF	DEF Central	HINES (HINE) CT3B	10/28/2023 19:13:25	10/28/2023 19:13:26	0	0	0	Generating Unit	Aux Equipment (Generator)	Other	0	0
104938	DEF	DEF Coastal	BARTOW (BART) CT4B	10/28/2023 15:31:41	10/28/2023 15:31:42	0	0	0	Human Error	Maintenance Personnel (Generation)	Aux Equipment (Generator)	0	0
104940	DEF	DEF Central	FORT GREEN 4 (FGN4) - F4MX MOSAIC FEEDER 25KV (F4MX LINE)	10/28/2023 09:49:25	10/28/2023 11:02:45	73	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
104914	DEF		OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	10/27/2023 13:40:48	10/27/2023 14:33:52	53	0	0	Other	Other	Other	0	0
104912	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	10/27/2023 06:57:06	10/27/2023 08:23:10	86	0	0	Other	Other	Other	0	0
104898	DEF		OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	10/26/2023 05:55:23	10/26/2023 06:03:02	7	0	0	Other	Other	Other	0	0
104900	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	10/25/2023 15:26:35	10/25/2023 17:04:20	97	0	0	Other	Other	Other	0	0
104890	DEF		BAY HILL (BAYH) BK1	10/25/2023 10:33:51	10/27/2023 09:04:21	2790	0	0	Other	Other	Other	0	0
104884	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	10/24/2023 15:00:55	10/24/2023 16:38:14	97	0	0	Other	Other	Other	0	0
104878	DEF		OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	10/24/2023 03:16:40	10/24/2023 04:16:39	59	0	0	Other	Other	Other	0	0
104880	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	10/24/2023 02:06:38	10/24/2023 02:06:48	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
104852	DEF		CENTRAL FLORIDA (CFLA) - DALLAS (DAL) 230KV LINE	10/23/2023 06:41:16	10/23/2023 06:41:26	0	0	0	Other	Other	Other	0	0
104858	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	10/22/2023 00:36:52	10/22/2023 00:37:02	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
104842	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	10/21/2023 19:56:47	10/21/2023 19:56:57	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0

104828	DEF	DEF Central	DUNDEE (DUND) - WEST LAKES WALES (WLWL) 230KV CIRCUIT 2	10/20/2023 02:42:52	10/20/2023 02:43:03	0	0	0	Unknown	Under Investigation (Unknown)	Other	0	0
104824	DEF		OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	10/19/2023 13:04:52	10/19/2023 14:11:01	66	0	0	Other	Other	Other	0	0
104826	DEF		OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	10/19/2023 07:13:29	10/19/2023 08:38:26	84	0	0	Other	Other	Other	0	0
104804	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	10/17/2023 15:49:10	10/17/2023 15:49:20	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
104796	DEF		CABBAGE ISLAND (CABI) - POINCIANA (POIN) 69KV LINE	10/16/2023 23:44:22	10/17/2023 08:35:29	531	0	0	Other	Other	Other	0	0
104798	DEF	DEF North	FORT WHITE (FWHT) - JASPER SOUTH (JASS) 69KV LINE	10/16/2023 16:59:03	10/16/2023 16:59:09	0	0	0	Unknown	Unknown	Other	0	0
104794	DEF	DEF Coastal	SEVEN SPRINGS (SEVS) - TARPON SPRINGS (TPNS) 115KV ST EAST CIRCUIT 2	10/16/2023 15:05:08	10/18/2023 08:51:14	2506	0	0	Line Equipment	Insulator (Line, Porcelain)	Insulator (Line, Porcelain)	0	0
104788	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	10/15/2023 19:01:38	10/15/2023 19:50:32	48	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
104790	DEF	DEF Coastal	HIGHLANDS (HILD) 13KV BUS 1	10/15/2023 13:23:32	10/17/2023 14:30:42	2947	7947	7,947	Switch Equipment/Malfunctio n	Disconnect	Disconnect	650,886	650,886
104762	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	10/11/2023 21:35:59	10/11/2023 21:36:08	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
105786	DEF	DEF North	LYNNE POD (CEC)	10/11/2023 21:14:30	10/12/2023 00:17:30	183	0	5,604	Line Equipment	Crossarm	Work on Damaged Equipment	0	1,025,532
104764	DEF		CENTER HILL	10/11/2023 16:06:55	10/11/2023 16:31:01	24	0	0				0	0
104758	DEF	DEF Coastal	HUDSON (HUDS) - PASCO COUNTY RESOURCE RECOVERY (PSRR) 115KV LINE	10/10/2023 15:36:53	10/11/2023 18:29:57	1613	0	0	Relay and Control Systems	Pilot Wire Relay Failure	Work on Damaged Equipment	0	0
104750	DEF	DEF North	SOUTHERN OAKS (SOAK) - (SECO) FEDERAL (FED3) 69KV SOF LINE	10/10/2023 08:23:07	10/10/2023 08:42:47	19	7013	7,013	Human Error	Duke Switching Error	Duke Switching Error	100,903	100,903
105118	DEF	DEF North	EAST POINT*	10/10/2023 06:11:27			663	663	Relay and Control Systems	Physical Connection (Protection System)	Physical Connection (Protection System)	45,084	45,084
104752	DEF	DEF North	JACKSON BLUFF (JBLF) - LIBERTY (LBTY) 69KV JBL LINE	10/10/2023 05:55:08	10/10/2023 05:55:08	0	0	0	Relay and Control Systems	Under Investigation (Relay?)	Other	0	0
104754	DEF		JACKSON BLUFF (JBLF) - TALLAHASSEE (TALL) 69KV JT LINE	10/10/2023 05:55:08	10/10/2023 05:55:16	0	0	0	Other	Other	Other	0	0
105116	DEF	DEF North	EAST POINT*	10/09/2023 07:58:25			662	662	Relay and Control Systems	Physical Connection (Protection System)	Physical Connection (Protection System)	45,678	45,678
104716	DEF	DEF Central	HOLOPAW (HOLO) - WEST LAKE WALES (WLWL) 230KV LINE	10/09/2023 07:10:54	10/09/2023 07:18:14	7	1911	1,911	Switch Equipment/Malfunctio n	Operating Mechanism	Operating Mechanism	19,110	19,110
104718	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	10/08/2023 20:55:02	10/08/2023 20:55:15	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
104720	DEF		OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	10/08/2023 20:53:57	10/08/2023 21:22:38	28	0	0	Other	Other	Other	0	0
104772	DEF	DEF Coastal	BAYVIEW	10/08/2023 08:33:17	10/08/2023 16:18:33	465	2800	2,800	Breaker Equipment	Close Coil	Close Coil	49,630	49,630
104702	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	10/07/2023 06:19:35	10/07/2023 06:19:39	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0

104704	DEF	DEF Central	LAKE WALES (LKWL) 13KV BUS 2	10/07/2023 01:42:31	10/07/2023 02:41:00	58	7829	7,829 Breaker Equipment	Bushings (Breaker)	Bushings (Breaker)	269,271	269,271
104706	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	10/06/2023 21:45:58	10/06/2023 21:46:10	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
104710	DEF		CENTRAL PARK (CPRK) - PARKWAY (PKWY) 69KV LINE	10/06/2023 16:14:04	10/06/2023 16:14:10	0	0	0 Other	Other	Other	0	0
104708	DEF	DEF Central	PARKWAY (PKWY) - TAFT (TAFT) 69KV LINE	10/06/2023 16:14:04	10/06/2023 16:14:17	0	0	0 Other	No Reclose by Design or Policy	Other	0	0
104676	DEF	DEF Central	MEADOW WOODS EAST (MDWE) - (KUA) EMPLOYEE (EMPL) 69KV LINE	10/06/2023 13:07:07	10/06/2023 13:07:34	0	0	0 Other	No Reclose by Design or Policy	Other	0	0
104670	DEF	DEF North	MADISON (MDSN) - SUWANNEE TRANSMISSION (SWTR) 115KV SUM LINE	10/06/2023 10:15:31	10/06/2023 10:52:47	37	0	0 Line Equipment	Arrestor (Line)	Arrestor (Line)	0	0
104672	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	10/06/2023 03:27:41	10/06/2023 03:27:53	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
104674	DEF	DEF Central	SOUTH POLK (SOPK) - SOUTH FORT MEADE (SFMD) 115KV LINE	10/05/2023 20:51:32	10/05/2023 20:51:42	0	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
104654	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	10/05/2023 02:15:21	10/05/2023 02:15:29	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
104656	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	10/04/2023 20:37:22	10/04/2023 20:37:33	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
104630	DEF		DELAND WEST (DELW) - SILVER SPRINGS (SVSP) 230KV LINE	10/03/2023 11:29:07	10/03/2023 12:43:53	74	0	0 Other	Other	Other	0	0
104634	DEF	DEF Central	RIO PINAR	10/03/2023 07:58:15	10/03/2023 07:58:20	0	0	0 Breaker Equipment	Insulating/Interrupting Medium	Other	0	0
104632	DEF		DEBARY (DBRY) - DEBARY P7 + P8 (DBRY) 230KV DPSB2 LINE	10/02/2023 10:47:00	10/02/2023 11:11:14	24	0	0 Other	Other	Other	0	0
104600	DEF	DEF North	CRAWFORDVILLE (CRAW) - JACKSON BLUFF (JBLF) 69KV LINE	09/30/2023 07:31:28	09/30/2023 07:31:34	0	0	0 Unknown	Unknown	Other	0	0
104592	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	09/28/2023 15:44:44	09/28/2023 16:23:44	39	0	0 Other	Other	Other	0	0
104586	DEF		DEBARY (DBRY) - (FPL) SANFORD (SANF) 230KV LINE	09/28/2023 13:59:58	09/29/2023 07:59:16	1079	0	0 Line Equipment	Insulator (Line, Porcelain)	Insulator (Line, Porcelain)	0	0
104582	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	09/28/2023 11:37:34	09/28/2023 11:37:38	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
104560	DEF		CARRABELLE (CRBL) - GUMBAY (GMBY) 69KV LINE	09/27/2023 11:01:47	09/27/2023 11:01:51	0	0	0 Other	Other	Other	0	0
104552	DEF		APALACHICOLA (APAL) - CARRABELLE (CRBL) 69KV LINE	09/27/2023 07:00:20	09/27/2023 07:00:27	0	0	0 Other	Other	Other	0	0
104546	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	09/27/2023 05:06:25	09/27/2023 08:50:46	224	0	0 Other	Other	Other	0	0
104542	DEF	DEF Central	CAMP LAKE (CAMP) - HOWEY METERING 2 (HOWN) 69KV LINE	09/26/2023 18:10:17	09/26/2023 18:10:25	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
104538	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	09/26/2023 14:25:44	09/26/2023 15:22:14	56	0	0 Other	Other	Other	0	0
105052	DEF	DEF North	MADISON	09/26/2023 06:03:11			0	0 Animal	Raccoon	Raccoon	0	0
104532	DEF	DEF Central	HAINES CITY (HAIN) - HAINES CITY EAST (HCTE) 69KV LINE	09/25/2023 17:59:40	09/25/2023 17:59:59	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
104530	DEF	DEF Central	VANDOLAH (VAND) - WAUCHULA POD (WACP) 69KV VW LINE	09/25/2023 16:15:56	09/25/2023 16:16:32	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0

104522	DEF	DEF Central	SOUTH POLK (SOPK) - SOUTH FORT MEADE (SFMD) 115KV LINE	09/25/2023 04:35:59	09/25/2023 04:36:14	0	0	0 Unknown	Unknown, after Patrol	Other	0	0
104516	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	09/24/2023 14:07:34	09/24/2023 15:46:38	99	0	0 Other	Other	Other	0	0
104496	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	09/23/2023 03:22:22	09/23/2023 03:22:35	0	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
104476	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	09/22/2023 08:35:06	09/22/2023 08:35:13	0	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
104474	DEF	DEF North	BRONSON (BRSN) - (CFEC) OTTER CREEK (OCR5) 69KV BOC LINE	09/21/2023 17:33:04	09/21/2023 22:34:10	301	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
104468	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	09/21/2023 15:39:20	09/21/2023 16:30:56	51	0	0 Other	Other	Other	0	0
104470	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	09/21/2023 15:36:02	09/21/2023 16:23:03	47	0	0 Other	Other	Other	0	0
104458	DEF		COLUMBIA SOLAR (CBSO) - COLUMBIA SWITCHING STATION (CLMB) 69KV CCSG LINE	09/21/2023 10:19:12	09/21/2023 15:49:39	330	0	0 Other	Other	Other	0	0
104460	DEF	DEF Central	HINES (HINE) CT2B	09/20/2023 21:15:59	09/20/2023 21:16:00	0	0	0 Generating Unit	Aux Equipment (Generator)	Other	0	0
104444	DEF	DEF Central	BONNET CREEK (BNTC) - LAKE BRYAN (LBRY) 69KV LINE	09/20/2023 17:46:26	09/20/2023 17:46:33	0	0	0 Lightning	Lightning, Correlated in lightning detection system)	Other	0	0
104434	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K739 MOSAIC FEEDER 25KV (K739MX LINE)	09/19/2023 21:35:42	09/19/2023 21:35:51	0	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
104424	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	09/19/2023 06:01:52	09/19/2023 06:46:23	44	0	0 Other	Other	Other	0	0
104408	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	09/18/2023 06:17:26	09/18/2023 06:17:34	0	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
104382	DEF	DEF Central	DESOTO CITY (DSOC) - LAKE PLACID NORTH (LKPN) 69KV LINE	09/17/2023 07:46:33	09/17/2023 07:47:03	0	0	0 Animal	Squirrel	Other	0	0
104412	DEF	DEF Central	ARBUCKLE CREEK	09/17/2023 07:46:33	09/17/2023 09:56:00	129	1230	1,230 Animal	Squirrel	Winding, Internal Elements	158,551	158,551
105050	DEF	DEF North	HOLDER	09/16/2023 09:52:26			0	0 Miscellaneous	Distribution System Equipment	Trip Coil	0	0
104384	DEF	DEF Central	VANDOLAH (VAND) - (PRECO) MURPHY ROAD (MRF1) 69KV VHC LINE	09/15/2023 20:23:04	09/15/2023 20:23:09	0	0	0 Weather/Environment	Under Investigation (Weather?)	Other	0	0
104386	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	09/15/2023 16:17:39	09/15/2023 17:01:56	44	0	0 Other	Other	Other	0	0
104362	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	09/15/2023 00:04:36	09/15/2023 00:50:31	45	0	0 Other	Other	Other	0	0
104360	DEF	DEF Coastal	BARTOW (BART) CT4C	09/14/2023 18:34:09	09/14/2023 18:34:10	0	0	0 Generating Unit	Aux Equipment (Generator)	Other	0	0
104358	DEF	DEF Coastal	ANCLOTE (ANCL) - LARGO (LRGO) 230KV ANL LINE	09/14/2023 16:40:49	09/14/2023 16:40:55	0	0	0 Line Equipment	Insulator (Line, Porcelain)	Insulator (Line, Porcelain)	0	0
104354	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	09/14/2023 15:28:23	09/14/2023 16:17:31	49	0	0 Other	Other	Other	0	0
104356	DEF	DEF Central	FORT MEADE (FTMD) - SOUTH POLK (SOPK) 230KV LINE	09/14/2023 14:03:43	09/14/2023 18:26:13	262	0	0 Line Equipment	Insulator (Line, Porcelain)	Work on Damaged Equipment	0	0
104344	DEF	DEF Central	HINES (HINE) CT4A	09/13/2023 14:16:24	09/13/2023 14:16:25	0	0	0 Generating Unit	Aux Equipment (Generator)	Aux Equipment (Generator)	0	0



104342	DEF	DEF Central	HINES (HINE) CT4B	09/13/2023 14:16:24	09/13/2023 14:16:25	0	0	0 Generating Unit	Aux Equipment (Generator)	Aux Equipment (Generator)	0	0	
104340	DEF	DEF Central	HINES (HINE) ST4S	09/13/2023 14:16:24	09/13/2023 14:16:25	0	0	0 Generating Unit	Aux Equipment (Generator)	Aux Equipment (Generator)	0	0	
104330	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	09/13/2023 10:30:53	09/13/2023 13:13:06	162	0	0 Other	Other	Other	0	0	
104322	DEF	DEF Central	DRY PRAIRIE (DRPR) - DPMX3 MOSAIC FEEDER 69KV (DPMX3 LINE)	09/12/2023 18:44:42	09/12/2023 19:26:00	41	0	0 Lightning	Lightning,Correlated in lightning detection system)	No Reclose by Design or Policy	0	0	
104312	DEF		DRIFTON (DFTN) - WAUKEENAH (WKNA) 115KV DWH FEEDER	09/12/2023 15:59:27	09/12/2023 15:59:31	0	0	0 Other	Other	Other	0	0	
104308	DEF	DEF Central	CASSADAGA (CASA) - (NSB) SMYRA (SMYR) 115KV LINE	09/12/2023 15:23:13	09/12/2023 15:23:19	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
104310	DEF	DEF North	CARRABELLE (CRBL) - GUMBAY (GMBY) 69KV LINE	09/12/2023 15:21:52	09/12/2023 15:22:00	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
104292	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	09/12/2023 04:24:29	09/12/2023 04:50:35	26	0	0 Other	Other	Other	0	0	
104294	DEF	DEF Central	EAST LAKE WALES (ELWL) - (PRECO) INDIAN LAKES ESTATES (ILE1) 69KV LINE	09/11/2023 23:40:04	09/11/2023 23:40:08	0	0	0 Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0	
104296	DEF	DEF Central	COUNTRY OAKS (COAK) - EAST LAKE WALES (ELWL) 69KV LINE	09/11/2023 23:12:19	09/11/2023 23:12:25	0	0	0 Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0	
104298	DEF	DEF Central	COUNTRY OAKS (COAK) - EAST LAKE WALES (ELWL) 69KV LINE	09/11/2023 23:01:27	09/11/2023 23:01:33	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
104300	DEF	DEF Central	DUNDEE (DUND) - LAKE MARION (LMRN) 69KV LINE	09/11/2023 22:36:07	09/11/2023 22:37:13	1	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
104302	DEF	DEF Central	HANCOCK ROAD (HKRD) - WINTER GARDEN (WGDN) 69KV LINE	09/11/2023 20:31:38	09/11/2023 20:31:46	0	0	0 Miscellaneous	Under Investigation (Misc?)	Other	0	0	
104304	DEF	DEF Central	KELLER ROAD (KLRD) - SPRING LAKE (SPLK) 69KV LINE	09/11/2023 20:13:27	09/11/2023 20:13:35	0	0	0 Other	No Reclose by Design or Policy	Other	0	0	
105136	DEF	DEF Central	KELLER ROAD	09/11/2023 20:13:26			77	Relay and Control Systems	Relay Failure/Misoperation	Relay Failure/Misoperation	5,282	5,282	
104306	DEF		TAVARES (TVRS) - (SECO) DEER ISLAND (DER3) 69KV LINE	09/11/2023 20:11:11	09/11/2023 20:11:16	0	0	0 Other	Other	Other	0	0	
104266	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	09/10/2023 18:04:19	09/10/2023 19:38:35	94	0	0 Other	Other	Other	0	0	
104286	DEF		OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	09/09/2023 13:11:49	09/09/2023 14:20:00	68	0	0 Other	Other	Other	0	0	
104248	DEF		OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	09/09/2023 09:18:35	09/09/2023 10:01:11	42	0	0 Other	Other	Other	0	0	
104222	DEF	DEF Central	FLORIDA GAS TRANSMISSION EAST (FGTE) - WEWAHOOTEE (WWHO) 69KV LINE	09/08/2023 15:21:17	09/08/2023 18:46:06	204	0	0 Weather/Environment	Under Investigation (Weather?)	Crossarm	0	0	
104224	DEF	DEF Central	CYPRESSWOOD (CYPW) - HAINES CITY (HAIN) 69KV LINE	09/08/2023 13:53:15	09/08/2023 13:53:31	0	0	0 Weather/Environment	Under Investigation (Weather?)	Other	0	0	
104226	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	09/08/2023 13:14:45	09/08/2023 13:14:47	0	0	0 Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
104228	DEF	DEF Central	CAMP LAKE (CAMP) - HOWEY METERING 2 (HOWN) 69KV LINE	09/08/2023 12:52:22	09/08/2023 12:53:10	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	

105624	DEF	DEF Central	CONWAY*	09/06/2023 18:46:59			345	345 Line Equipment	Static Wire (OHGW)	Crossarm	178,710	178,710
104198	DEF	DEF Central	CONWAY (CNWY) - NARCOOSSEE (NARC) 69KV LINE	09/06/2023 18:32:19	09/07/2023 04:42:40	610	0	0 Line Equipment	Static Wire (OHGW)	Crossarm	0	0
104200	DEF		CITRUS COMBINED CYCLE (CITR) - CRYSTAL RIVER (CRPL) 230KV CIRCUIT 1	09/06/2023 18:27:26	09/15/2023 15:17:43	12770	0	0 n Switch Equipment/Malfunctio	Disconnect	Other	0	0
104184	DEF	DEF Coastal	CRYSTAL RIVER SOUTH (CRSO) - TWIN COUNTY RANCH (TWCO) 115KV LINE	09/06/2023 11:27:20	09/07/2023 01:56:00	868	0	11,124 Line Equipment	Conductor (Line)	Conductor (Line)	0	551,982
104172	DEF	DEF Coastal	ULMERTON (ULMR) 13KV BUS 2	09/05/2023 12:04:01	09/05/2023 13:08:25	64	1001	1,001 Animal	Bird Nest	Bird Nest	71,225	71,225
104162	DEF	DEF Coastal	LAKE TARPON (LTPN) - PALM HARBOR (PMHR) 230KV LINE	09/05/2023 07:01:07	09/05/2023 07:01:15	0	0	0 Unknown	Unknown, after Patrol	Other	0	0
104142	DEF	DEF North	FORT WHITE (FWHT) - JASPER SOUTH (JASS) 69KV LINE	09/03/2023 10:01:48	09/03/2023 10:01:55	0	0	0 Unknown	Unknown	Other	0	0
104144	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	09/03/2023 08:07:38	09/03/2023 08:18:35	10	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
104106	DEF	DEF Central	AVON PARK (AVPK) - WAUCHULA POD (WACP) 69KV APW LINE	09/01/2023 19:36:40	09/01/2023 19:37:18	0	0	0 Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
104108	DEF	DEF Central	AVON PARK (AVPK) - FORT MEADE (FTMD) 230KV LINE	09/01/2023 17:24:13	09/01/2023 17:25:53	1	0	0 Lightning	Lightning,Correlated in lightning detection systm)	Lightning,Correlated in lightning detection systm)	0	0
104110	DEF	DEF Central	MULBERRY (MLBY) - NORTHWEST CITY OF BARTOW (NWST) 69KV LINE	09/01/2023 17:23:34	09/01/2023 17:23:42	0	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
104112	DEF	DEF Central	FORT MEADE (FTMD) - HOMELAND (HMLD) 69KV LINE	09/01/2023 17:21:17	09/01/2023 17:21:28	0	0	0 Weather/Environment	Under Investigation (Weather?)	Other	0	0
104114	DEF	DEF Central	MULBERRY (MLBY) - NORTHWEST CITY OF BARTOW (NWST) 69KV LINE	09/01/2023 17:20:16	09/01/2023 17:20:24	0	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
104094	DEF		GINNIE (GINI) - TRENTON (TNTN) 69KV LINE	09/01/2023 15:08:13	09/01/2023 15:10:36	2	0	0 Other	Other	Other	0	0
104096	DEF	DEF North	CHIEFLAND (CHIF) - INGLIS (INGL) 69KV LINE	09/01/2023 15:05:33	09/01/2023 15:05:41	0	0	0 Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
104098	DEF	DEF North	CHIEFLAND (CHIF) - INGLIS (INGL) 69KV LINE	09/01/2023 15:01:27	09/01/2023 15:01:35	0	0	0 Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
104100	DEF	DEF North	CHIEFLAND (CHIF) - INGLIS (INGL) 69KV LINE	09/01/2023 14:58:34	09/01/2023 14:58:39	0	0	0 Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
104102	DEF	DEF North	CIRCLE SQUARE (CSQR) - ROSS PRAIRIE (ROSS) 69KV LINE	09/01/2023 14:47:00	09/01/2023 14:47:12	0	0	0 Lightning	Lightning,Correlated in lightning detection systm)	Other Customer's Line Equipment (Non-Duke)	0	0
104090	DEF		TALLAHASSEE (TALL) - (TAL) TALLAHASSEE 1 (TAL1) 115KV TX LINE	09/01/2023 13:38:26	09/01/2023 14:43:58	65	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
104118	DEF		JASPER SOUTH (JASS) - OCCIDENTAL SWIFT CREEK 1 (OSC1) 115KV LINE	09/01/2023 11:50:20	09/01/2023 11:55:27	5	0	0 Other	Other	Other	0	0
104120	DEF		OCCIDENTAL SWIFT CREEK 1 (OSC1) - OCCIDENTAL METERING (OXYM) 115KV LINE	09/01/2023 11:50:20	09/01/2023 12:46:43	56	0	0 Weather/Environment	Hurricane	Other	0	0
104082	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	09/01/2023 10:13:12	09/01/2023 11:18:57	65	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
104080	DEF		DRIFTON (DFTN) - PERRY (PRRY) 69KV DP LINE	09/01/2023 09:25:12	09/01/2023 09:26:44	1	0	0 Other	Other	Other	0	0



104078	DEF	DEF Coastal	LAKE TARPON (LTPN) - PALM HARBOR (PMHR) 230KV LINE	09/01/2023 08:49:25	09/01/2023 08:49:35	0	0	0 Unknown	Unknown, after Patrol	Other	0	0
104076	DEF	DEF Central	VANDOLAH (VAND) - WAUCHULA POD (WACP) 69KV VW LINE	08/31/2023 17:42:27	08/31/2023 17:42:27	0	0	0 Unknown	Unknown, after Patrol	Other	0	0
104084	DEF		HAMILTON SWITCHING STATION (HMLT) - SUWANEE TRANSMISSION (SWTR) 115KV CIRCUIT 1	08/31/2023 17:37:52	09/02/2023 12:46:18	2588	0	0 Other	Other	Other	0	0
104072	DEF	DEF Coastal	ANCLOTE (ANCL) G2	08/31/2023 14:42:04	08/31/2023 14:42:05	0	0	0 Generating Unit	Under Investigation (Generating Unit?)	Other	0	0
103882	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	08/29/2023 18:49:48	08/29/2023 18:50:04	0	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	Other	0	0
103874	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	08/29/2023 12:37:12	08/29/2023 13:55:02	77	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non- Duke)	0	0
103876	DEF		JACKSON BLUFF (JBLF) - LIBERTY (LBTY) 69KV JBL LINE	08/29/2023 12:36:40	08/29/2023 12:36:46	0	0	0 Other	Other	Other	0	0
103878	DEF		JACKSON BLUFF (JBLF) - TALLAHASSEE (TALL) 69KV JT LINE	08/29/2023 12:36:40	08/29/2023 12:36:48	0	0	0 Other	Other	Other	0	0
103870	DEF		FORT WHITE (FWHT) - JASPER SOUTH (JASS) 115KV WEST CIRCUIT	08/29/2023 07:16:03	08/29/2023 07:16:12	0	0	0 Other	Other	Other	0	0
103856	DEF	DEF Coastal	DUNNELTON TOWN (DNLN) - (SECO) RAINBOW LAKES ESTATES (RNB3) 69KV LINE	08/28/2023 23:46:53	08/28/2023 23:47:05	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103858	DEF	DEF Coastal	DUNNELTON TOWN (DNLN) - INGLIS (INGL) 69KV LINE	08/28/2023 23:32:56	08/28/2023 23:33:08	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103860	DEF	DEF North	INGLIS (INGL) - POWERLINE (PWRL) 115KV CIRCUIT 2	08/28/2023 23:04:06	08/28/2023 23:04:10	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103850	DEF		HAMILTON SWITCHING STATION (HMLT) - JASPER SOUTH (JASS) 115KV LINE	08/28/2023 20:20:24	08/28/2023 20:20:30	0	0	0 Other	Other	Other	0	0
103852	DEF		FORT WHITE (FWHT) - JASPER SOUTH (JASS) 115KV EAST CIRCUIT	08/28/2023 19:28:21	08/28/2023 19:28:27	0	0	0 Other	Other	Other	0	0
103816	DEF	DEF Coastal	BROOKSVILLE (BKVL) - (TECO) UNION HALL (UHAL) 69KV LINE	08/27/2023 20:00:40	08/27/2023 20:03:28	2	0	0 Breaker Equipment	Under Investigation (Breaker)	Under Investigation (Breaker)	0	0
103794	DEF		PORT ST. JOE INDUSTRIAL (PSJI) 13KV BUS 1	08/27/2023 16:23:31	08/27/2023 18:17:15	113	1089	1,089 Lightning	Lightning,Correlated in lightning detection system)	Bushings (Breaker)	127,413	127,413
103780	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	08/27/2023 12:19:44	08/27/2023 13:51:06	91	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	Equipment (Non- Duke)	0	0
103778	DEF	DEF Coastal	BROOKSVILLE WEST (BKVW) - HUDSON (HUDS) 115KV LINE	08/26/2023 16:00:56	08/26/2023 16:01:02	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103796	DEF		CRAWFORDVILLE (CRAW) - ST. MARKS EAST (STME) 69KV CS LINE	08/26/2023 02:45:39	08/26/2023 02:45:49	0	0	0 Other	Other	Other	0	0
103798	DEF		APALACHICOLA (APAL) - CARRABELLE (CRBL) 69KV LINE	08/26/2023 02:05:19	08/26/2023 02:05:25	0	0	0 Other	Other	Other	0	0
103800	DEF		CARRABELLE (CRBL) - CRAWFORDVILLE (CRAW) 69KV LINE	08/26/2023 00:58:55	08/26/2023 00:59:03	0	0	0 Other	Other	Other	0	0

103802	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/25/2023 20:07:58	08/25/2023 20:08:00	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
103804	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	08/25/2023 19:03:58	08/25/2023 19:54:18	50	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
103806	DEF	DEF Central	INTERCESSION CITY (ICTY) - INTERCESSION CITY P5 + P6 (ICTY) 69KV LINE	08/25/2023 13:30:14	09/01/2023 11:31:00	9960	0	0 Generating Unit	Under Investigation (Generating Unit?)	Other	0	0
103752	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	08/25/2023 10:01:16	08/25/2023 10:59:00	57	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Substation Equipment (Non-Duke)	0	0
103688	DEF	DEF Central	DESOTO CITY (DSOC) - LAKE PLACID NORTH (LKPN) 69KV LINE	08/20/2023 16:55:26	08/20/2023 16:55:53	0	0	0 Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
103690	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	08/20/2023 14:04:02	08/20/2023 14:04:14	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103676	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	08/19/2023 08:40:32	08/19/2023 09:54:15	73	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
103664	DEF	DEF North	SILVER SPRINGS SHORES (SVSS) 13KV BUS 1	08/18/2023 23:01:21	08/19/2023 05:09:00	367	0	0 Animal	Raccoon	Raccoon	0	0
103666	DEF	DEF Central	FORT GREEN 6 (FGN6) - F6MX MOSAIC FEEDER 25KV (F6MX LINE)	08/18/2023 20:26:40			0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103658	DEF	DEF Central	DUNDEE (DUND) - WEST LAKES WALES (WLWL) 230KV CIRCUIT 2	08/18/2023 15:16:06	08/20/2023 22:42:00	3325	0	0 Lightning	Lightning,Correlated in lightning detection system)	Static Wire (OHGW)	0	0
103660	DEF	DEF Central	CITRUS CENTER (CITC) - DUNDEE (DUND) 230KV LINE	08/18/2023 15:16:00	08/18/2023 15:16:11	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103662	DEF	DEF Central	DUNDEE (DUND) - HAINES CITY EAST (HCTE) 230KV LINE	08/18/2023 15:15:59	08/18/2023 15:16:11	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103654	DEF	DEF Central	BONNET CREEK (BNTC) - LAKE BRYAN (LBRY) 69KV LINE	08/18/2023 14:33:48	08/18/2023 14:33:54	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103656	DEF	DEF Coastal	HUDSON (HUDS) - (WREC) HAYES (HAY2) 115KV HPTX LINE	08/18/2023 12:54:08	08/18/2023 12:54:10	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103646	DEF		FORT WHITE (FWHT) - SUWANNEE TRANSMISSION (SWTR) 115KV SF LINE	08/17/2023 19:36:21	08/17/2023 19:36:28	0	0	0 Other	Other	Other	0	0
104428	DEF	DEF Central	HINES (HINE) CT1B	08/17/2023 15:08:32	08/17/2023 15:08:32	0	0	Relay and Control 0 Systems	Current Transformer Failure	Other	0	0
103640	DEF	DEF North	ATWATER (AWTR) - LIBERTY (LBTY) 115KV ATL LINE	08/16/2023 21:15:03	08/16/2023 21:15:10	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103638	DEF	DEF Central	DESOTO CITY (DSOC) - LAKE PLACID NORTH (LKPN) 69KV LINE	08/16/2023 20:32:50	08/16/2023 20:57:32	24	1228	2,740 Line Equipment	Static Wire (OHGW)	Work on Damaged Equipment	33,156	70,200
103636	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	08/16/2023 20:11:15	08/16/2023 21:16:46	65	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103632	DEF	DEF North	HAMILTON SWITCHING STATION (HMLT) - JASPER SOUTH (JASS) 115KV LINE	08/16/2023 17:09:33	08/16/2023 17:09:42	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0

103630	DEF	DEF Central	DESOTO CITY (DSOC) - PHILLIPS (PHIL) - DINNER LAKE (DNRL) 69KV LINE	08/16/2023 16:50:47	08/16/2023 16:50:47	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
103628	DEF	DEF Central	DESOTO CITY (DSOC) - LAKE PLACID NORTH (LKPN) 69KV LINE	08/16/2023 16:31:11	08/16/2023 16:31:19	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
103626	DEF	DEF Central	PEACOCK (PCOK) - 5584 MOSAIC FEEDER 69KV (PCMX LINE)	08/16/2023 14:38:40	08/16/2023 15:06:09	27	0	0	Lightning	Lightning,Correlated in lightning detection system)	No Reclose by Design or Policy	0	0
103624	DEF	DEF Central	PEACOCK (PCOK) - 5584 MOSAIC FEEDER 69KV (PCMX LINE)	08/16/2023 14:08:52	08/16/2023 14:17:47	8	0	0	Lightning	Lightning,Correlated in lightning detection system)	No Reclose by Design or Policy	0	0
103622	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/16/2023 13:45:27	08/16/2023 13:45:29	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103618	DEF	DEF Coastal	BROOKRIDGE (BKRG) - POWERLINE (PWRL) 230KV LINE	08/16/2023 04:42:04	08/16/2023 04:42:12	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103610	DEF	DEF Central	CABBAGE ISLAND (CABI) - POINCIANA (POIN) 69KV LINE	08/15/2023 19:20:17	08/15/2023 19:20:21	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103582	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	08/15/2023 11:28:00	08/15/2023 12:10:30	42	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103578	DEF		BRONSON (BRSN) - (CFEC) OTTER CREEK (OCR5) 69KV BOC LINE	08/15/2023 01:21:34	08/15/2023 01:21:40	0	0	0	Other	Other	Other	0	0
103562	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	08/14/2023 19:38:47	08/14/2023 21:02:12	83	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103564	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	08/14/2023 19:28:36	08/14/2023 20:32:22	63	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103558	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/14/2023 16:23:42	08/14/2023 16:23:46	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103542	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - N498 NUTRIEN FEEDER 4KV (N498 LINE)	08/14/2023 10:08:10	08/14/2023 10:28:29	20	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103526	DEF		EUSTIS (EUST) BK1	08/14/2023 04:55:59	08/18/2023 13:20:41	6264	0	0	Other	Other	Other	0	0
103522	DEF	DEF Central	FORT GREEN 6 (FGN6) - F6MX MOSAIC FEEDER 25KV (F6MX LINE)	08/13/2023 20:09:21	08/14/2023 08:53:15	763	0	0	Customer / Other Util Equip Problems	Under Investigation (Non-Duke)	No Reclose by Design or Policy	0	0
103520	DEF	DEF Central	AVON PARK (AVPK) - WAUCHULA POD (WACP) 69KV APW LINE	08/13/2023 19:40:15	08/13/2023 19:41:32	1	0	2,946	Lightning	Lightning,Correlated in lightning detection system)	Lightning,Correlated in lightning detection system)	0	3,182
103514	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	08/13/2023 13:22:50	08/13/2023 14:21:51	59	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103460	DEF	DEF Central	PIEDMONT (PIED) - WEKIVA (WKVA) 230KV LINE	08/12/2023 19:48:51	08/12/2023 22:41:50	172	0	0	Breaker Equipment	Bushings (Breaker)	Bushings (Breaker)	0	0
103458	DEF	DEF Central	PIEDMONT (PIED) - WELCH ROAD (WLCH) 230KV LINE	08/12/2023 19:48:51	08/12/2023 22:41:50	172	0	0	Breaker Equipment	Bushings (Breaker)	Bushings (Breaker)	0	0
103462	DEF	DEF Central	PIEDMONT (PIED) - WOODSMERE (WOOD) 230KV LINE	08/12/2023 19:48:51	08/12/2023 22:41:50	172	0	0	Breaker Equipment	Bushings (Breaker)	Bushings (Breaker)	0	0
103456	DEF	DEF Central	PIEDMONT (PIED) BK4	08/12/2023 19:48:51	08/12/2023 22:41:50	172	0	0	Breaker Equipment	Bushings (Breaker)	Bushings (Breaker)	0	0
103524	DEF	DEF Central	DRY PRAIRIE (DRPR) - DPMX3 MOSAIC FEEDER 69KV (DPMX3 LINE)	08/11/2023 18:22:18	08/11/2023 19:57:03	94	0	0	Customer / Other Util Equip Problems	Under Investigation (Non-Duke)	No Reclose by Design or Policy	0	0
103414	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	08/11/2023 01:48:28	08/11/2023 02:51:12	62	0	0	Unknown	Under Investigation (Unknown)	No Reclose by Design or Policy	0	0
103400	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	08/10/2023 13:43:07	08/10/2023 14:44:02	60	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0

103402	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	08/10/2023 13:39:43	08/10/2023 14:58:03	78	0	0 Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103404	DEF	DEF North	DRIFTON (DFTN) - PERRY (PRRY) 115KV DP2 LINE	08/10/2023 12:27:44	08/10/2023 12:27:54	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103336	DEF	DEF Central	APOPKA SOUTH (APOP) - WOODSMERE (WOOD) 69KV LINE	08/09/2023 10:00:11	08/09/2023 16:26:00	385	0	0 Line Equipment	Static Wire (OHGW)	Static Wire (OHGW)	0	0
103338	DEF	DEF Central	CASSELBERRY (CSBY) BK2	08/08/2023 20:25:12	08/08/2023 20:25:21	0	0	0 Relay and Control 0 Systems	Voltage Transformer Failure (PT, CCPD, CCVT, etc.)	Voltage Transformer Failure (PT, CCPD, CCVT, etc.)	0	0
103340	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	08/08/2023 20:20:05	08/08/2023 21:17:11	57	0	0 Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103342	DEF	DEF North	SUWANNEE TRANSMISSION (SWTR) - (SOCO) TWIN LAKES (TWNL) 115KV LINE	08/08/2023 19:36:16	08/08/2023 19:36:20	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103294	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K739 MOSAIC FEEDER 25KV (K739MX LINE)	08/07/2023 19:34:42	08/07/2023 19:34:54	0	0	0 Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103266	DEF		MARTIN WEST	08/07/2023 12:51:35			0	0			0	0
103226	DEF	DEF Central	FORT GREEN 6 (FGN6) - F6MX MOSAIC FEEDER 25KV (F6MX LINE)	08/07/2023 08:39:00	08/07/2023 08:41:02	2	0	0 Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103228	DEF	DEF Central	LAKE EMMA (LEMM) 13KV BUS 1	08/07/2023 08:31:52	08/07/2023 09:42:38	70	0	0 Relay and Control 0 Systems	Relay Failure/Misoperation	Relay Failure/Misoperatio	0	0
103230	DEF	DEF North	GEORGIA PACIFIC (GAPC) - (CFEC) COUNTRY CLUB (CCL5) 69KV LINE	08/07/2023 07:39:49	08/07/2023 07:39:53	0	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
103196	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	08/06/2023 19:45:03	08/06/2023 22:43:34	178	0	0 Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103192	DEF	DEF North	CRAWFORDVILLE (CRAW) - JACKSON BLUFF (JBLF) 69KV LINE	08/06/2023 17:00:17	08/06/2023 17:00:44	0	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
103160	DEF	DEF Central	AVON PARK (AVPK) - FORT MEADE (FTMD) 230KV LINE	08/05/2023 16:15:16	08/05/2023 21:37:34	322	0	0 Line Equipment	Static Wire (OHGW)	Static Wire (OHGW)	0	0
103154	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/04/2023 19:28:00	08/04/2023 19:28:02	0	0	0 Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103156	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	08/04/2023 17:46:27	08/04/2023 18:19:14	32	0	0 Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103146	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	08/03/2023 18:04:46	08/03/2023 19:02:15	57	0	0 Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103148	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	08/03/2023 15:59:50	08/03/2023 16:00:02	0	0	0 Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103132	DEF		BRONSON (BRSN) - (CFEC) OTTER CREEK (OCR5) 69KV BOC LINE	08/03/2023 07:12:02	08/03/2023 07:12:08	0	0	0 Other	Other	Other	0	0
103124	DEF	DEF Central	VANDOLAH (VAND) - (PRECO) MURPHY ROAD (MRF1) 69KV VHC LINE	08/02/2023 16:29:04	08/02/2023 16:29:08	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103118	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	08/02/2023 16:09:44	08/02/2023 19:45:38	215	0	0 Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103098	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/02/2023 11:50:56	08/02/2023 11:50:56	0	0	0 Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103096	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	08/02/2023 08:29:08	08/02/2023 10:21:18	112	0	0 Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103094	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	08/01/2023 18:12:14	08/01/2023 19:11:00	58	0	0 Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0

103082	DEF	DEF Central	LAKE WALES (LKWL) - CITRUSVILLE (CITV) 69KV LINE	08/01/2023 14:20:47	08/01/2023 16:24:38	123	5	5 Lightning	Lightning,Correlated in lightning detection system)	Lightning,Correlated in lightning detection system)	167	167	
103034	DEF		OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	07/31/2023 21:51:30	07/31/2023 23:08:20	76	0	0 Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
103036	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	07/31/2023 20:26:54	07/31/2023 21:22:47	55	0	0 Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103038	DEF		OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	07/31/2023 19:21:54	07/31/2023 23:09:30	227	0	0 Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
103040	DEF	DEF Coastal	BARTOW (BART) CT4A	07/31/2023 18:56:26	07/31/2023 18:56:27	0	0	0 Lightning		Lightning,Correlated in lightning detection system)	Other	0	0
103042	DEF	DEF Coastal	BARTOW (BART) CT4B	07/31/2023 18:56:26	07/31/2023 18:56:27	0	0	0 Lightning		Lightning,Correlated in lightning detection system)	Other	0	0
103044	DEF	DEF Coastal	BARTOW (BART) CT4C	07/31/2023 18:56:26	07/31/2023 18:56:27	0	0	0 Lightning		Lightning,Correlated in lightning detection system)	Other	0	0
103046	DEF	DEF Coastal	BARTOW (BART) CT4D	07/31/2023 18:56:26	07/31/2023 18:56:27	0	0	0 Lightning		Lightning,Correlated in lightning detection system)	Other	0	0
103048	DEF	DEF Coastal	BARTOW (BART) ST4S	07/31/2023 18:56:26	07/31/2023 18:56:27	0	0	0 Lightning		Lightning,Correlated in lightning detection system)	Other	0	0
103050	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	07/31/2023 16:20:47	07/31/2023 16:20:54	0	0	0 Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
103168	DEF	DEF Central	FROSTPROOF	07/31/2023 16:07:15	07/31/2023 16:07:21	0	0	0 Weather/Environment		Lightning Suspected, yet not correlated	Other	0	0
103052	DEF	DEF Coastal	CRYSTAL RIVER SOUTH (CRSO) - HOMOSASSA (HOMO) 115KV LINE	07/31/2023 15:59:22	07/31/2023 15:59:22	0	0	0 Lightning		Lightning,Correlated in lightning detection system)	Other	0	0
103054	DEF	DEF Coastal	CRYSTAL RIVER SOUTH (CRSO) - TWIN COUNTY RANCH (TWCO) 115KV LINE	07/31/2023 15:59:22	07/31/2023 16:03:38	4	0	11,124 Lightning		Lightning,Correlated in lightning detection system)	Lightning,Correlated in lightning detection system)	0	47,500
103056	DEF	DEF Central	FORT GREEN 6 (FGN6) - F6MX MOSAIC FEEDER 25KV (F6MX LINE)	07/31/2023 15:58:12	07/31/2023 18:13:00	134	0	0 Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103058	DEF	DEF Central	FLORIDA GAS TRANSMISSION EAST (FGTE) - WEWAHOOTEE (WWHO) 69KV LINE	07/31/2023 15:55:45	07/31/2023 15:55:57	0	0	0 Lightning		Lightning,Correlated in lightning detection system)	Other	0	0
103060	DEF	DEF Central	DRY PRAIRIE (DRPR) - DPMX2 MOSAIC FEEDER 69KV (DPMX2 LINE)	07/31/2023 15:47:16	07/31/2023 15:53:03	5	0	0 Weather/Environment		Lightning Suspected, yet not correlated	No Reclose by Design or Policy	0	0
103062	DEF	DEF Central	BARBERVILLE (BARB) BK1	07/31/2023 15:44:09	07/31/2023 15:46:33	2	0	0 Lightning		Lightning,Correlated in lightning detection system)	Relay Failure/Misoperation	0	0
103064	DEF	DEF Central	BARBERVILLE (BARB) BK2	07/31/2023 15:44:09	07/31/2023 15:46:33	2	0	0 Lightning		Lightning,Correlated in lightning detection system)	Relay Failure/Misoperation	0	0
103066	DEF	DEF Central	BARBERVILLE (BARB) - DELAND WEST (DELW) 69KV DWB LINE	07/31/2023 15:43:19	07/31/2023 15:43:20	0	0	0 Lightning		Lightning,Correlated in lightning detection system)	Relay Failure/Misoperation	0	0

103068	DEF	DEF Central	FORT GREEN 10 (FG10) MOSAIC FEEDER (F10MX)	07/31/2023 15:37:50	07/31/2023 16:02:10	24	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103070	DEF	DEF Central	FROSTPROOF (FSPF) - LAKE WALES (LKWL) 69KV LINE	07/31/2023 15:27:54	07/31/2023 15:27:58	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103072	DEF	DEF Central	SOUTH POLK (SOPK) - SOUTH FORT MEADE (SFMD) 115KV LINE	07/31/2023 15:16:11	07/31/2023 15:16:15	0	0	0 Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
103074	DEF	DEF Central	PARKER BRANCH (PKBR) - PBMX2 MOSAIC FEEDER 69KV (PBMX2 LINE)	07/31/2023 15:16:02	07/31/2023 19:45:57	269	0	0 Weather/Environment	Lightning Suspected, yet not correlated	Arrestor (Station Bus)	0	0
104864	DEF	DEF Central	TAUNTON ROAD	07/31/2023 15:06:08	07/31/2023 17:49:39	163	3456	3,456 Lightning	Lightning,Correlated in lightning detection system)	Lightning,Correlated in lightning detection system)	75,981	75,981
103076	DEF	DEF Central	AVON PARK (AVPK) - WAUCHULA POD (WACP) 69KV APW LINE	07/31/2023 15:04:01	07/31/2023 19:08:17	244	0	2,946 Lightning	Lightning,Correlated in lightning detection system)	Lightning,Correlated in lightning detection system)	0	132,865
103012	DEF	DEF Central	BOGGY MARSH (BGMS) - WESTRIDGE (WRDG) 69KV LINE	07/31/2023 15:00:42	07/31/2023 15:00:52	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103008	DEF	DEF Central	CAMP LAKE (CAMP) - HOWEY METERING 2 (HOWN) 69KV LINE	07/31/2023 14:05:00	07/31/2023 14:05:08	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
103010	DEF	DEF Central	CAMP LAKE (CAMP) - HOWEY METERING 2 (HOWN) 69KV LINE	07/31/2023 14:00:00	07/31/2023 14:00:08	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
105044	DEF	DEF North	REDDICK*	07/31/2023 13:49:53			0	0 Miscellaneous	Equipment	Trip Coil	0	0
102966	DEF	DEF North	CITRUS COMBINED CYCLE (CITR) ST1S	07/30/2023 23:25:16	07/30/2023 23:25:17	0	0	0 Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
102968	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	07/30/2023 23:07:23	07/30/2023 23:57:40	50	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non- Duke)	0	0
102970	DEF	DEF Central	VANDOLAH (VAND) - (PRECO) MURPHY ROAD (MRF1) 69KV VHC LINE	07/30/2023 22:14:21	07/30/2023 22:14:29	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102972	DEF	DEF Central	DESOTO CITY (DSOC) - PHILLIPS (PHIL) - DINNER LAKE (DNRL) 69KV LINE	07/30/2023 20:53:53	07/30/2023 20:54:07	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102974	DEF	DEF Central	AVON PARK (AVPK) - DESOTO CITY (DSOC) 69KV LINE	07/30/2023 20:49:25	07/30/2023 20:49:25	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102976	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	07/30/2023 20:02:30	07/30/2023 21:25:53	83	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102978	DEF	DEF Central	FROSTPROOF (FSPF) - LAKE WALES (LKWL) 69KV LINE	07/30/2023 19:47:34	07/30/2023 19:47:40	0	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
102980	DEF	DEF Central	FROSTPROOF (FSPF) 13KV BUS 1	07/30/2023 19:47:34	07/30/2023 19:47:40	0	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
102982	DEF	DEF Central	LAKE MARION (LMRN) 13KV BUS 1	07/30/2023 19:21:53	07/30/2023 20:14:33	52	3737	3,737 Weather/Environment	Lightning Suspected, yet not correlated	No Reclose by Design or Policy	242,905	242,905
102984	DEF	DEF Central	LAKE BRYAN (LBRY) - (KUA) LAKE CECILE (LKCL) 69KV LINE	07/30/2023 19:03:43	07/30/2023 22:46:09	222	0	0 Lightning	Lightning,Correlated in lightning detection system)	Static Wire (OHGW)	0	0



102986	DEF	DEF Central	LAKE BRYAN (LBRY) 69KV BUS 11	07/30/2023 19:03:43	07/30/2023 22:46:09	222	797	797 Lightning	Lightning,Correlated in lightning detection system)	Operating Mechanism	68,007	68,007
102988	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/30/2023 18:29:31	07/30/2023 20:11:12	101	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102990	DEF	DEF Central	HANCOCK ROAD (HKRD) - WINTER GARDEN (WGDN) 69KV LINE	07/30/2023 18:14:34	07/30/2023 18:14:45	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102992	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	07/30/2023 17:57:49	07/30/2023 19:42:07	104	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
102994	DEF	DEF North	HICKORY SWITCHING STATION (HICK) - PERRY (PRRY) 69KV LINE	07/30/2023 16:48:20	07/30/2023 16:48:28	0	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
102996	DEF	DEF North	BRONSON (BRSN) - (CFEC) OTTER CREEK (OCR5) 69KV BOC LINE	07/30/2023 15:47:10	07/30/2023 15:47:16	0	0	0 Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
102998	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	07/30/2023 11:36:13	07/30/2023 11:36:26	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
103000	DEF	DEF Central	CAMP LAKE (CAMP) - CENTRAL FLORIDA (CFLA) 230KV LINE	07/30/2023 10:21:15	07/30/2023 19:08:58	527	0	0 Line Equipment	Insulator (Line, Porcelain)	Insulator (Line, Porcelain)	0	0
102948	DEF	DEF Central	SOUTH POLK (SOPK) - SOUTH FORT MEADE (SFMD) 115KV LINE	07/29/2023 17:10:05	07/29/2023 17:10:17	0	0	0 Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
102950	DEF	DEF Central	FLORIDA GAS TRANSMISSION EAST (FGTE) - WEWAHOOTEE (WWHO) 69KV LINE	07/29/2023 16:53:47	07/29/2023 16:53:59	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102952	DEF	DEF North	CHIEFLAND (CHIF) - INGLIS (INGL) 69KV LINE	07/29/2023 15:30:54	07/29/2023 22:48:26	437	1283	2,998 Line Equipment	Crossarm	Crossarm	104,074	109,168
102954	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/29/2023 13:55:59	07/29/2023 14:39:00	43	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103194	DEF		NEWBERRY	07/28/2023 19:43:14	07/28/2023 21:42:10	118	0	0	Under Investigation		0	0
102858	DEF	DEF North	CARRABELLE (CRBL) - GUMBAY (GMBY) 69KV LINE	07/28/2023 16:59:36	07/28/2023 16:59:48	0	0	0 Weather/Environment	Under Investigation (Weather?)	Other	0	0
102860	DEF	DEF North	CARRABELLE (CRBL) - GUMBAY (GMBY) 69KV LINE	07/28/2023 16:56:35	07/28/2023 16:56:47	0	0	0 Weather/Environment	Under Investigation (Weather?)	Other	0	0
102862	DEF	DEF Central	VANDOLAH (VAND) - (FPL) CHARLOTTE (CHAR) 230KV LINE	07/28/2023 16:43:22	07/28/2023 16:43:38	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102864	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/28/2023 16:41:19	07/28/2023 17:48:38	67	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103002	DEF	DEF Coastal	BROOKSVILLE (BKVL) - FLORAL CITY (FLRC) 69KV LINE	07/28/2023 16:18:46	07/28/2023 16:18:55	0	0	0 Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Other	0	0
102866	DEF	DEF Coastal	BROOKSVILLE (BKVL) - FLORAL CITY (FLRC) 69KV LINE	07/28/2023 15:59:58	07/28/2023 16:00:06	0	0	0 Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Other	0	0
102848	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	07/28/2023 03:26:58	07/28/2023 04:43:08	76	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102832	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K739 MOSAIC FEEDER 25KV (K739MX LINE)	07/27/2023 17:33:15	07/27/2023 17:33:24	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
102828	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	07/27/2023 07:16:54	07/27/2023 07:16:58	0	0	Customer / Other Util 0 Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
102814	DEF	DEF North	BRONSON (BRSN) - (CFEC) OTTER CREEK (OCR5) 69KV BOC LINE	07/26/2023 20:57:08	07/26/2023 20:57:14	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0

102808	DEF	DEF Central	AOPKA SOUTH (APOP) - WOODSMERE (WOOD) 69KV LINE	07/26/2023 18:27:24	07/26/2023 22:02:22	214	0	0 Lightning	Lightning,Correlated in lightning detection systm)	No Reclose by Design or Policy	0	0
102810	DEF	DEF Central	ECON (ECON) - RIO PINAR (RIOP) 230KV LINE	07/26/2023 18:19:52	07/26/2023 18:20:00	0	0	0 Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
102802	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	07/26/2023 14:44:27	07/26/2023 14:44:35	0	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	Other	0	0
103084	DEF	DEF Central	LAKE OF THE HILLS	07/26/2023 11:31:55			1100	1,100 Breaker Equipment	Operating Mechanism	Relay Failure/Misoperatio	21,050	21,050
102782	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	07/26/2023 04:28:36	07/26/2023 07:10:38	162	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102784	DEF	DEF Central	HORSE CREEK (HORS) - HORSE CREEK 2 (HOR2) 69KV LINE	07/26/2023 04:11:58	07/26/2023 07:55:00	223	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102788	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	07/26/2023 02:14:51	07/26/2023 04:34:49	139	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102790	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N354 NUTRIEN FEEDER 25KV (N354 LINE)	07/26/2023 02:14:51	07/26/2023 04:34:49	139	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102786	DEF	DEF North	OCCIDENTAL 1 (OC1L) 25KV BUS 2	07/26/2023 02:14:51	07/26/2023 04:34:49	139	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102760	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/25/2023 17:05:14	07/25/2023 18:58:28	113	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102752	DEF	DEF North	CENTRAL FLORIDA (CFLA) BK3	07/25/2023 13:47:46	07/26/2023 13:41:32	1433	0	0 Lightning	Lightning,Correlated in lightning detection systm)	No Reclose by Design or Policy	0	0
102744	DEF	DEF Central	VANDOLAH (VAND) - WAUCHULA POD (WACP) 69KV VW LINE	07/25/2023 06:21:19	07/25/2023 06:22:23	1	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
102746	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	07/24/2023 20:18:20	07/24/2023 20:18:27	0	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	Other	0	0
102686	DEF	DEF Central	VANDOLAH (VAND) - (PRECO) MURPHY ROAD (MRF1) 69KV VHC LINE	07/23/2023 20:24:42	07/23/2023 20:24:50	0	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
102684	DEF	DEF North	PORT ST. JOE (PSJO) 69KV BUS 2	07/23/2023 17:44:15	07/23/2023 17:44:19	0	0	0 Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
102666	DEF	DEF North	PORT ST. JOE (PSJO) - BEACON HILL (BCON) 69KV PBH LINE	07/23/2023 17:18:18	07/23/2023 17:18:31	0	0	0 Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
102668	DEF	DEF Coastal	LAKE TARPON (LTPN) - ULMERTON (ULMR) 230KV LINE	07/23/2023 14:00:40	07/26/2023 09:33:00	4052	0	0 Line Equipment	Insulator (Line, Porcelain)	Insulator (Line, Porcelain)	0	0
102670	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) NUTRIEN FEEDER (N494) LOAD	07/23/2023 13:00:00	07/23/2023 16:36:00	216	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102672	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	07/23/2023 12:10:47	07/23/2023 15:49:51	219	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102674	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/23/2023 12:10:33	07/23/2023 14:23:15	132	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102676	DEF	DEF North	CHIEFLAND (CHIF) - INGLIS (INGL) 69KV LINE	07/23/2023 12:10:04	07/23/2023 12:11:04	1	0	1,715 Lightning	Lightning,Correlated in lightning detection systm)	Lightning,Correlated in lightning detection systm)	0	1,715
102678	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	07/23/2023 12:05:41	07/23/2023 12:31:00	25	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102680	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	07/23/2023 11:58:04	07/23/2023 13:32:12	94	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0



102682	DEF	DEF North	JASPER SOUTH (JASS) - (SOCO) WEST HOMERVILLE (WMHR) 115KV LINE	07/23/2023 09:15:41	07/26/2023 13:22:02	4566	0	0 Line Equipment	Static Wire (OHGW)	Under Investigation (Line Equipment?)	0	0
102660	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	07/22/2023 21:42:47	07/22/2023 21:42:58	0	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
102662	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	07/22/2023 19:05:14	07/23/2023 02:24:45	439	0	0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102654	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	07/22/2023 16:05:22	07/22/2023 17:23:26	78	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102656	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	07/22/2023 15:44:53	07/23/2023 02:24:36	639	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
102658	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/22/2023 15:25:06	07/22/2023 16:22:24	57	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102640	DEF	DEF North	CRYSTAL RIVER (CRPL) G4	07/22/2023 07:08:10	07/22/2023 07:08:11	0	0	0 Generating Unit	Generator	Transfer Trip Equipment	0	0
102642	DEF	DEF North	CRYSTAL RIVER (CRPL) G5	07/22/2023 07:06:46	07/22/2023 10:30:00	203	0	0 Human Error	Maintenance Personnel (Generation)	Return to Normal	0	0
102644	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/22/2023 01:58:03	07/22/2023 03:54:00	115	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102646	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	07/22/2023 01:04:32	07/22/2023 02:13:12	68	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102650	DEF	DEF Central	VANDOLAH (VAND) - (PRECO) MURPHY ROAD (MRF1) 69KV VHC LINE	07/21/2023 17:56:37	07/21/2023 17:56:45	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102620	DEF	DEF Coastal	ZEPHYRHILLS NORTH (ZPHN) - (TECO) DADE CITY (DADE) 69KV LINE	07/20/2023 19:58:49	07/20/2023 19:58:57	0	0	0 Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Other	0	0
102622	DEF	DEF Central	NORTH BARTOW (NBTW) - WEST LAKE WALES (WLWL) 69KV LINE	07/20/2023 18:46:39	07/21/2023 10:33:50	947	0	0 Lightning	Lightning,Correlated in lightning detection system)	Under Investigation (Breaker)	0	0
102624	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	07/20/2023 16:44:13	07/20/2023 16:44:25	0	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
102616	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/20/2023 15:39:39	07/20/2023 17:34:49	115	0	0 Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102604	DEF	DEF Central	DELTONA (DTNA) BK2	07/20/2023 04:15:17	07/20/2023 06:34:31	139	0	0 Animal	Raccoon	No Reclose by Design or Policy	0	0
102596	DEF	DEF Central	NORTH BARTOW (NBTW) - (TECO) PEBBLEDALE (PBBL) 230KV LINE	07/19/2023 17:09:49	07/19/2023 17:09:54	0	0	0 Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
102598	DEF	DEF Central	MULBERRY (MLBY) - NORTHWEST CITY OF BARTOW (NWST) 69KV LINE	07/19/2023 17:09:46	07/19/2023 17:09:54	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102580	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	07/19/2023 12:04:41	07/19/2023 13:10:34	65	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102574	DEF	DEF North	UMATILLA POD (UMAP) - (SECO) PAISLEY (PAY3) 69KV LINE	07/19/2023 02:12:14	07/19/2023 02:35:45	23	0	0 O&M (Planned or Scheduled)	Work on Damaged Equipment	Clearance	0	0
102576	DEF	DEF Central	FORT GREEN 4 (FGN4) MOSAIC FEEDER (F4MX)	07/19/2023 00:59:00	07/19/2023 08:33:09	454	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102554	DEF	DEF Central	FISHEATING CREEK (FISH) - LAKE PLACID (LPLC) 69KV LINE	07/18/2023 16:00:02	07/18/2023 16:00:10	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102538	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/18/2023 10:20:21	07/18/2023 11:26:17	65	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0

102540	DEF	DEF Coastal	TAYLOR AVENUE (TYLR) - WALSINGHAM (WALS) 69KV LINE	07/18/2023 10:08:51	07/18/2023 10:09:29	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102518	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	07/18/2023 02:53:20	07/18/2023 03:39:32	46	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102546	DEF	DEF North	UMATILLA POD (UMAP) - (SECO) PAISLEY (PAY3) 69KV LINE	07/17/2023 21:31:34	07/17/2023 21:31:34	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
102520	DEF	DEF Central	FORT GREEN SPRINGS (FGNS) - PEACOCK (PCOK) 69KV LINE	07/17/2023 19:31:51	07/17/2023 19:31:57	0	0	0	Unknown	Unknown, but not Lightning.	Other	0	0
102504	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/17/2023 15:28:25	07/17/2023 16:17:33	49	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102500	DEF	DEF Central	DESOTO CITY (DSOC) - PHILLIPS (PHIL) - DINNER LAKE (DNRL) 69KV LINE	07/17/2023 14:58:53	07/17/2023 14:58:54	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
102502	DEF	DEF North	UMATILLA POD (UMAP) - (SECO) PAISLEY (PAY3) 69KV LINE	07/17/2023 14:45:42	07/17/2023 14:46:45	1	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
102498	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/17/2023 10:58:32	07/17/2023 12:39:12	100	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102494	DEF	DEF North	UMATILLA POD (UMAP) - (SECO) PAISLEY (PAY3) 69KV LINE	07/17/2023 10:02:13	07/17/2023 10:02:17	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
102486	DEF	DEF North	APALACHICOLA (APAL) - PORT ST. JOE (PSJO) 69KV PSJA1 CIRCUIT 1	07/16/2023 22:51:00	07/16/2023 22:51:15	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102484	DEF	DEF North	APALACHICOLA (APAL) - PORT ST. JOE (PSJO) 69KV PSJA2 CIRCUIT 2	07/16/2023 22:51:00	07/16/2023 22:51:19	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102488	DEF	DEF Central	AVON PARK (AVPK) - WAUCHULA POD (WACP) 69KV APW LINE	07/16/2023 18:41:48	07/16/2023 18:43:24	1	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102490	DEF	DEF North	LAKE WEIR (LWER) - (CEC) LYNN (LYNN) 69KV LINE	07/16/2023 11:19:50	07/16/2023 11:19:56	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102440	DEF	DEF Central	EAST LAKE WALES (ELWL) - (PRECO) INDIAN LAKES ESTATES (ILE1) 69KV LINE	07/15/2023 17:22:54	07/15/2023 17:23:00	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102442	DEF	DEF Central	FORT GREEN 6 (FGN6) - F6MX MOSAIC FEEDER 25KV (F6MX LINE)	07/15/2023 14:06:56	07/18/2023 08:55:46	4008	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102444	DEF	DEF Central	DELAND WEST (DELW) - SILVER SPRINGS (SVSP) 230KV LINE	07/15/2023 02:19:09	07/15/2023 02:19:19	0	0	0	Unknown	Unknown	Other	0	0
102422	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	07/14/2023 07:36:46	07/14/2023 09:05:02	88	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102416	DEF	DEF Central	ALTAMONTE (ALMT) BK2 FORT GREEN 4 (FGN4) - F4MX MOSAIC FEEDER	07/13/2023 23:25:56	08/28/2023 10:54:00	65488	0	0	Transformer Equipment Customer / Other Util	Bushing (Transformer)	Bushing (Transformer)	0	0
102414	DEF	DEF Central	25KV (F4MX LINE)	07/13/2023 17:39:00	07/14/2023 11:16:14	1057	0	0	Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
103018	DEF	DEF Central	FROSTPROOF CASSADAGA (CASA) - (NSB) SMYRA (SMYR) 115KV LINE	07/13/2023 16:49:36	07/13/2023 16:50:39	1	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Equipment (Non-Duke)	0	0
102402	DEF	DEF Central	DALLAS (DAL) - SILVER SPRINGS SHORES (SVSS) 69KV LINE	07/13/2023 16:08:05	07/13/2023 16:08:10	0	0	0	Equip Problems	Customer's Equip	Other	0	0
102398	DEF	DEF North	Switch Equipment/Malfunction	07/13/2023 14:09:04	07/13/2023 14:11:30	2	0	0	n	Under Investigation (SW. Eq?)	Under Investigation (SW. Eq?)	0	0

102388	DEF	DEF North	CARRABELLE (CRBL) - CRAWFORDVILLE (CRAW) 69KV LINE	07/12/2023 18:29:09	07/12/2023 18:29:13	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102390	DEF		OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	07/12/2023 17:25:41	07/12/2023 17:25:43	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
102380	DEF	DEF Central	HINES (HINE) CT1A	07/12/2023 15:53:03	07/12/2023 15:53:04	0	0	0	Generating Unit	Aux Equipment (Generator)	Other	0	0
102382	DEF	DEF Central	DELTONA EAST (DTNE) BK3	07/12/2023 15:51:26	07/12/2023 20:12:23	260	1520	1,520	Lightning	Lightning,Correlated in lightning detection system)	Interrupters	83,600	83,600
102384	DEF	DEF Central	DELTONA (DTNA) - MONASTERY (MONA) 115KV LINE	07/12/2023 15:27:03	07/12/2023 15:27:07	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102372	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/12/2023 07:41:45	07/12/2023 07:41:45	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
102354	DEF	DEF Central	LAKE BRYAN (LBRY) - DISNEY WORLD BUENA VISTA (DSNB) 69KV LINE	07/11/2023 11:34:29	07/11/2023 12:37:22	62	0	0	Lightning	Lightning,Correlated in lightning detection system)	No Reclose by Design or Policy	0	0
102356	DEF	DEF Coastal	DENHAM (DNHM) - (TECO) DALE MABRY (DALE) 69KV LINE	07/11/2023 11:27:55	07/11/2023 11:27:59	0	0	0	Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Other	0	0
102352	DEF	DEF North	CIRCLE SQUARE (CSQR) - ROSS PRAIRIE (ROSS) 69KV LINE	07/11/2023 09:59:08	07/11/2023 09:59:16	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
102350	DEF	DEF Coastal	BROOKRIDGE (BKRG) - TWIN COUNTY RANCH (TWCO) 115KV LINE	07/11/2023 09:36:10	07/11/2023 09:39:31	3	0	1,245	Lightning	Lightning,Correlated in lightning detection system)	Lightning,Correlated in lightning detection system)	0	4,171
102346	DEF	DEF Coastal	DENHAM (DNHM) - (TECO) DALE MABRY (DALE) 69KV LINE	07/11/2023 08:38:32	07/11/2023 08:38:37	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102348	DEF	DEF North	BUSHNELL EAST (BSNE) - CENTER HILL (CTRH) 69KV LINE	07/11/2023 08:31:26	07/11/2023 08:31:32	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
102344	DEF	DEF Coastal	BAYBORO SOUTH (BYBS) - CENTRAL PLAZA (CPLZ) 115KV BCP LINE	07/10/2023 16:28:13	07/10/2023 16:29:11	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102332	DEF	DEF Central	BARBERVILLE (BARB) - DELAND WEST (DELW) 69KV DWB LINE	07/10/2023 14:03:06	07/10/2023 14:10:12	7	0	4,134	Unknown	Unknown, after Patrol	No Reclose by Design or Policy	0	24,804
102330	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/10/2023 11:27:07	07/10/2023 12:08:45	41	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102326	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	07/10/2023 07:10:42	07/10/2023 09:43:06	152	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102328	DEF	DEF North	LADYBUG SWITCHING STATION (LDBG) - PORT ST. JOE (PSJO) 230KV LINE	07/09/2023 22:07:03	07/09/2023 22:07:10	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
102310	DEF	DEF Coastal	ANCLOTE PLANT*	07/09/2023 13:57:56			0	0	Relay and Control Systems	Relay Failure/Misoperation	Relay Failure/Misoperation	0	0
102298	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	07/09/2023 12:00:06	07/09/2023 16:14:25	254	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102300	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	07/09/2023 10:42:03	07/09/2023 11:35:15	53	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102302	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	07/09/2023 08:35:16	07/09/2023 10:32:57	117	0	0	Lightning	Lightning,Correlated in lightning detection system)	Crossarm	0	0

102296	DEF	DEF Central	BOGGY MARSH (BGMS) - SAWGRASS (SWGP) 69KV LINE	07/08/2023 16:49:21	07/08/2023 16:49:41	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102288	DEF	DEF North	HICKORY SWITCHING STATION (HICK) - PERRY (PRRY) 69KV LINE	07/07/2023 18:07:20	07/07/2023 18:07:28	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
104894	DEF	DEF North	WHITE SPRINGS	07/07/2023 16:47:30	07/07/2023 18:15:06	87	703	703 Line Equipment	Structure (Wood)	Interruption From Other Source Station	61,161	61,161
102278	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - OCCIDENTAL METERING (OXYM) 115KV LINE	07/07/2023 16:46:10	07/08/2023 11:38:54	1132	0	0 Lightning	Lightning,Correlated in lightning detection system)	Crossarm	0	0
102280	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	07/07/2023 15:55:14	07/07/2023 16:44:34	49	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	Other	0	0
102276	DEF	DEF North	UMATILLA POD (UMAP) - (SECO) PAISLEY (PAY3) 69KV LINE	07/07/2023 12:20:05	07/07/2023 12:20:13	0	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
102258	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	07/06/2023 18:23:50	07/06/2023 18:27:22	3	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102260	DEF	DEF Central	DRY PRAIRIE (DRPR) - DPMX3 MOSAIC FEEDER 69KV (DPMX3 LINE)	07/06/2023 18:15:31	07/06/2023 18:18:28	2	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
102254	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	07/06/2023 09:36:55	07/06/2023 10:36:31	59	0	0 Equip Problems	Customer / Other Util Customer's Line Equipment (Non-Duke)	Other	0	0
102264	DEF	DEC Central	INTERCESSION CITY	07/06/2023 07:07:01			0	0 Breaker Equipment	Insulating/Interrupting Medium	Insulating/Interrupting Medium	0	0
102262	DEF	DEC Central	INTERCESSION CITY	07/06/2023 00:02:12	07/06/2023 02:26:08	143	0	0 Breaker Equipment	Insulating/Interrupting Medium	Insulating/Interrupting Medium	0	0
102220	DEF	DEF North	TAVARES (TVRS) - (SECO) DEER ISLAND (DER3) 69KV LINE	07/05/2023 17:32:22	07/05/2023 17:32:26	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102222	DEF	DEF Central	VANDOLAH (VAND) - (PRECO) MURPHY ROAD (MRF1) 69KV VHC LINE	07/05/2023 17:25:01	07/05/2023 17:25:04	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
102212	DEF	DEF Central	HORSE CREEK (HORS) - HORSE CREEK 2 (HOR2) 69KV LINE	07/05/2023 13:56:39	07/05/2023 16:11:46	135	0	0 Weather/Environment	Lightning Suspected, yet not correlated	No Reclose by Design or Policy	0	0
102214	DEF	DEF Central	WEST LAKE WALES (WLWL) 230KV BUS 6	07/05/2023 13:45:03	07/06/2023 01:35:52	710	0	0 Weather/Environment	Lightning Suspected, yet not correlated	Insulator (Bus)	0	0
102186	DEF	DEF North	DUNNELLON TOWN (DNLN) - ADAMS (ADAM) 69KV LINE	07/05/2023 03:09:49	07/05/2023 03:16:08	6	0	3,213 Public Interference	Vehicle	Coordination Problem (Non-Human Error)	0	142,882
102172	DEF	DEF Central	AVALON (AVLN) - WINDERMERE (WIND) 230KV LINE	07/04/2023 18:11:33	07/04/2023 18:14:27	2	0	0 Lightning	Lightning,Correlated in lightning detection system)	Lightning,Correlated in lightning detection system)	0	0
102174	DEF	DEF Central	AVON PARK (AVPK) - WAUCHULA POD (WACP) 69KV APW LINE	07/04/2023 17:58:09	07/04/2023 18:00:10	2	0	0 Lightning	Lightning,Correlated in lightning detection system)	Unknown, after Patrol	0	0
102176	DEF	DEF Central	CASSELBERRY (CSBY) 69KV BUS 2	07/04/2023 17:19:08	07/04/2023 19:01:22	102	3735	3,735 Lightning	Lightning,Correlated in lightning detection system)	Under Investigation (Breaker)	180,841	180,841
102178	DEF	DEF Central	CASSELBERRY (CSBY) 69KV BUS 1	07/04/2023 17:19:08	07/04/2023 19:00:38	101	5825	5,825 Lightning	Lightning,Correlated in lightning detection system)	Under Investigation (Breaker)	669,106	669,106

102180	DEF	DEF North	CHIEFLAND (CHIF) - INGLIS (INGL) 69KV LINE	07/04/2023 15:54:57	07/04/2023 15:55:04	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
104868	DEF	DEF Central	LAKEWOOD*	07/04/2023 07:34:42	07/04/2023 13:58:18	383	1989	1,989	Unknown	Under Investigation (Unknown)	Under Investigation (Breaker)	81,459	81,459
102162	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/03/2023 20:13:30	07/03/2023 21:33:51	80	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
102134	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	07/03/2023 06:58:31	07/03/2023 06:58:39	0	0	0	Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
102136	DEF		OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	07/02/2023 22:16:06	07/03/2023 09:43:09	687	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
102138	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	07/02/2023 22:08:11	07/02/2023 23:29:51	81	0	0	Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
102104	DEF	DEF North	CRYSTAL RIVER (CRPL) G4	07/02/2023 08:28:58	07/02/2023 08:28:59	0	0	0	Generating Unit	Under Investigation (Generating Unit?)	Other	0	0
102106	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	07/01/2023 17:15:25	07/01/2023 17:15:27	0	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
101970	DEF	DEF North	SANDY CREEK SOLAR (SCSO) - LADYBUG SWITCHING STATION (LDBG) 230KV LSCSG LINE	06/29/2023 22:00:00	06/30/2023 00:13:17	133	0	0	O&M (Planned or Scheduled)	Operating Switching	Reclosing blocked during active work	0	0
101820	DEF	DEF North	BRONSON (BRSN) - CRYSTAL RIVER (CRPL) 230KV LINE	06/29/2023 09:20:26	06/29/2023 10:53:00	92	0	0	Human Error	Construction (PD Contractor)	Construction (PD Contractor)	0	0
101786	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	06/28/2023 17:07:39	06/28/2023 18:21:51	74	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101788	DEF	DEF Central	CITY OF BARTOW (CBTW) - NORTH BARTOW (NBTW) 69KV CIRCUIT 1	06/28/2023 16:12:08	06/28/2023 17:21:00	68	0	0	Equip Problems	Customer's Substation Equipment (Non-Duke)	Trip Coil	0	0
101790	DEF	DEF Central	CITY OF BARTOW (CBTW) - NORTH BARTOW (NBTW) 69KV CIRCUIT 2	06/28/2023 16:12:08	06/28/2023 17:19:00	66	0	0	Equip Problems	Customer's Substation Equipment (Non-Duke)	Trip Coil	0	0
101796	DEF	DEF Central	CITY OF BARTOW (CBTW) - NORTHWEST CITY OF BARTOW (NWST) 69KV LINE	06/28/2023 16:12:08	06/29/2023 15:31:00	1398	0	0	Customer / Other Util	Customer's Substation Equipment (Non-Duke)	Trip Coil	0	0
101794	DEF	DEF Central	NORTH BARTOW (NBTW) - ORANGE SWITCHING (ORSW) 69KV LINE	06/28/2023 16:12:08	06/28/2023 16:27:00	14	0	0	Breaker Equipment	Trip Coil	Trip Coil	0	0
101792	DEF	DEF Central	NORTH BARTOW (NBTW) - WEST LAKE WALES (WLWL) 69KV LINE	06/28/2023 16:12:08	06/28/2023 16:27:00	14	0	0	Miscellaneous	Interruption From Other Source Station	Interruption From Other Source Station	0	0
101782	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	06/28/2023 09:04:11	06/28/2023 09:04:15	0	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
101766	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	06/27/2023 18:13:31	06/27/2023 19:09:58	56	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
101768	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - OCCIDENTAL METERING (OXYM) 115KV LINE	06/27/2023 18:12:36	06/27/2023 18:12:53	0	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
101770	DEF	DEF North	SUWANNEE TRANSMISSION (SWTR) - (FPL) HOGAN (HOGN) 115KV LINE	06/27/2023 18:02:24	06/27/2023 18:02:28	0	0	0	Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
101760	DEF	DEF Central	FORT GREEN 3 METERING (FG3M) - FORT GREEN 3 (FGN3) 69KV LINE	06/26/2023 14:58:24	06/26/2023 16:05:46	67	0	0	Customer / Other Util	Customer's Substation Equipment (Non-Duke)	Customer's Substation Equipment (Non-Duke)	0	0
101726	DEF		BRONSON (BRSN) - CRYSTAL RIVER (CRPL) 230KV LINE	06/26/2023 12:20:43	06/26/2023 12:41:00	20	0	0	Human Error	Construction (PD Contractor)	Construction (PD Contractor)	0	0

101704	DEF	DEF Central	HINES (HINE) CT3A	06/25/2023 20:48:44	06/25/2023 21:01:00	12	0	0 Generating Unit	Aux Equipment (Generator)	Aux Equipment (Generator)	0	0
101706	DEF	DEF Central	HINES (HINE) CT3B	06/25/2023 20:48:44	06/25/2023 20:48:44	0	0	0 Generating Unit	Aux Equipment (Generator)	Aux Equipment (Generator)	0	0
101708	DEF	DEF Central	HINES (HINE) ST3S	06/25/2023 20:48:44	06/25/2023 20:50:44	2	0	0 Generating Unit	Aux Equipment (Generator)	Aux Equipment (Generator)	0	0
101636	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K742 MOSAIC FEEDER 4KV (K742MX LINE)	06/23/2023 22:57:33	06/24/2023 04:21:00	323	0	0 Customer / Other Util Equip Problems	Under Investigation (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
101632	DEF	DEF Central	APOPKA SOUTH (APOP) - PLYMOUTH SOUTH (PLYS) 69KV LINE	06/23/2023 19:55:38	06/23/2023 19:55:44	0	0	0 Weather/Environment	Under Investigation (Weather?)	Other	0	0
101628	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	06/23/2023 14:44:49	06/23/2023 15:06:46	21	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101630	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	06/23/2023 13:41:24	06/23/2023 14:33:00	51	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101602	DEF	DEF Coastal	ALDERMAN (ALDM) - CURLEW (CURL) 115KV LINE	06/23/2023 10:43:26	06/23/2023 10:43:58	0	0	0 Animal	Squirrel	Other	0	0
101604	DEF	DEF Coastal	CURLEW (CURL) BK1	06/23/2023 10:43:26	06/28/2023 11:52:51	7269	0	0 Animal	Squirrel	Squirrel	0	0
101598	DEF	DEF Central	CAMP LAKE (CAMP) - HOWEY METERING 2 (HOWN) 69KV LINE	06/23/2023 07:12:13	06/23/2023 07:12:25	0	0	0 Lightning Relay and Control	Lightning,Correlated in lightning detection system)	Other	0	0
101592	DEF	DEF North	FORT WHITE (FWHT) BK5	06/23/2023 06:07:53	06/23/2023 13:10:35	422	0	0 Systems	Pressure Relay Failure	No Reclose by Design or Policy	0	0
101594	DEF		CARRABELLE (CRBL) - GUMBAY (GMBY) 69KV LINE	06/23/2023 01:00:45	06/23/2023 01:00:57	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101596	DEF		LADYBUG SWITCHING STATION (LDBG) - PORT ST. JOE (PSJO) 230KV LINE	06/23/2023 00:26:22	06/23/2023 00:26:31	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101586	DEF	DEF North	OLD TOWN NORTH (OTNN) - WILCOX (WLCX) 69KV LINE	06/22/2023 23:06:23	06/22/2023 23:06:31	0	0	0 Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
101584	DEF	DEF Central	FLORIDA GAS TRANSMISSION EAST (FGTE) - WEWAHOOTEE (WWHO) 69KV LINE	06/22/2023 19:10:30	06/22/2023 19:10:42	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101580	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	06/22/2023 15:26:27	06/22/2023 15:26:27	0	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101578	DEF	DEF Central	BOGGY MARSH (BGMS) - SAWGRASS (SWGP) 69KV LINE	06/22/2023 14:15:33	06/22/2023 14:15:55	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101568	DEF	DEF Central	BARCOLA (BARC) - FORT MEADE (FTMD) 69KV LINE	06/22/2023 13:26:20	06/22/2023 15:02:00	95	0	0 Weather/Environment	Lightning Suspected, yet not correlated	Crossarm	0	0
103088	DEF	DEF North	ST. GEORGE ISL*	06/22/2023 05:56:11			750	750 Lightning	Lightning,Correlated in lightning detection system)	Operating Mechanism	70,500	70,500
101550	DEF	DEF North	DRIFTON (DFTN) - PERRY (PRRY) 115KV DP2 LINE	06/21/2023 19:21:48	06/21/2023 19:21:57	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101548	DEF	DEF North	DRIFTON (DFTN) - PERRY (PRRY) 69KV DP LINE	06/21/2023 19:21:48	06/21/2023 19:21:56	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101538	DEF	DEF North	CRAWFORDVILLE (CRAW) - JACKSON BLUFF (JBLF) 69KV LINE	06/21/2023 18:00:58	06/21/2023 18:01:10	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0



101542	DEF	DEF Central	HINES (HINE) CT1A	06/21/2023 17:20:16	06/21/2023 17:20:17	0	0	0	Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Aux Equipment (Generator)	0	0
101546	DEF	DEF Central	HINES (HINE) CT1B	06/21/2023 17:20:16	06/21/2023 17:20:17	0	0	0	Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Aux Equipment (Generator)	0	0
101544	DEF	DEF Central	HINES (HINE) ST1S	06/21/2023 17:20:16	06/21/2023 17:20:17	0	0	0	Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Aux Equipment (Generator)	0	0
101534	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	06/21/2023 15:29:12	06/21/2023 15:29:12	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101532	DEF	DEF Central	DINNER LAKE (DNRL) BK2	06/21/2023 14:32:52	06/22/2023 14:45:10	1452	0	0	Line Equipment	Underground Conductor (Duke Owned & Maintained)	Underground Conductor (Duke Owned & Maintained)	0	0
101526	DEF	DEF North	OCCIDENTAL 1 (OC1L) NUTRIEN FEEDER (N353) LOAD	06/21/2023 11:16:24	06/21/2023 11:16:24	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101528	DEF	DEF North	JASPER SOUTH (JASS) - OCCIDENTAL SWIFT CREEK 1 (OSC1) 115KV LINE	06/21/2023 10:58:20	06/21/2023 10:59:20	1	0	0	Lightning	Lightning,Correlated in lightning detection system)	No Reclose by Design or Policy	0	0
101518	DEF	DEF North	FORT WHITE (FWHT) - JASPER SOUTH (JASS) 69KV LINE	06/21/2023 09:43:17	06/21/2023 09:43:19	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101500	DEF	DEF Central	SOUTH POLK (SOPK) - SOUTH FORT MEADE (SFMD) 115KV LINE	06/20/2023 17:17:03	06/20/2023 17:17:03	0	0	0	Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Other	0	0
101498	DEF	DEF Central	LAKE BRANCH (LKBR) MOSAIC FEEDER (K5656)	06/20/2023 17:13:39	06/20/2023 17:31:44	18	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
101490	DEF	DEF Central	DELAND WEST (DELW) - SILVER SPRINGS (SVSP) 230KV LINE	06/20/2023 12:18:12	06/22/2023 14:45:01	3026	0	0	Miscellaneous	Under Investigation (Misc?)	Under Investigation (Misc?)	0	0
101486	DEF	DEF Central	DELAND WEST (DELW) - SILVER SPRINGS (SVSP) 230KV LINE	06/20/2023 10:16:12	06/20/2023 10:16:19	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101484	DEF	DEF North	MARTIN WEST (MTNW) - ZUBER (ZUBR) 69KV LINE	06/20/2023 07:28:10	06/20/2023 16:56:10	568	0	4,517	Vegetation	Tree Falling from Outside ROW	Crossarm	0	678,396
101456	DEF	DEF North	COLUMBIA SWITCHING STATION (CLMB) - HIGH SPRINGS (HISP) 69KV LINE	06/20/2023 06:56:41	06/20/2023 06:56:45	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
101458	DEF	DEF North	NEWBERRY (NBRY) - TRENTON (TNTN) 69KV NT LINE	06/20/2023 05:39:59	06/20/2023 05:41:29	1	0	0	Lightning	Lightning,Correlated in lightning detection system)	Aux Relay Failure	0	0
101460	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	06/20/2023 03:52:16	06/20/2023 08:14:14	261	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101462	DEF	DEF North	OLD TOWN NORTH (OTNN) - (CFEC) OLD TOWN (OTN5) 69KV LINE	06/20/2023 02:06:43	06/20/2023 02:06:47	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
101464	DEF	DEF North	TRENTON SOLAR (TNSO) GENERATOR	06/20/2023 02:06:42	06/20/2023 05:55:35	228	0	0	Generating Unit	Aux Equipment (Generator)	Aux Equipment (Generator)	0	0
101466	DEF	DEF Central	FLORIDA GAS TRANSMISSION EAST (FGTE) - WEWAHOOTEE (WWHO) 69KV LINE	06/19/2023 21:14:14	06/19/2023 21:14:18	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101468	DEF	DEF Central	COUNTRY OAKS (COAK) - DUNDEE (DUND) 69KV LINE	06/19/2023 21:06:24	07/14/2023 09:42:00	35315	0	0	Lightning	Lightning,Correlated in lightning detection system)	Interrupters	0	0
101480	DEF	DEF Central	DUNDEE (DUND) - LAKE MARION (LMRN) 69KV LINE	06/19/2023 21:01:27	06/19/2023 21:03:01	1	0	0	Lightning	Lightning,Correlated in lightning detection system)	Gang Switch Flash	0	0

101474	DEF	DEF Central	DUNDEE (DUND) 230KV BUS 1	06/19/2023 21:01:27	06/19/2023 23:09:00	127	0	0 Lightning	Lightning,Correlated in lightning detection system)	Interrupters	0	0	
101472	DEF	DEF Central	DUNDEE (DUND) 69KV BUS 1	06/19/2023 21:01:27	06/19/2023 23:09:00	127	0	0 Lightning	Lightning,Correlated in lightning detection system)	Interrupters	0	0	
101470	DEF	DEF Central	DUNDEE (DUND) BK3	06/19/2023 21:01:27	06/19/2023 23:09:00	127	0	0 Lightning	Lightning,Correlated in lightning detection system)	Interrupters	0	0	
101482	DEF	DEF Central	LAKE MARION (LMRN) - MIDWAY (MDWY) 69KV LINE	06/19/2023 21:01:27	06/19/2023 21:01:38	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
101476	DEF	DEF Central	LAKE MARION (LMRN) 13KV BUS 1	06/19/2023 21:01:27	06/19/2023 21:03:01	1	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
101478	DEF	DEF Central	LAKE MARION (LMRN) 13KV BUS 2	06/19/2023 21:01:27	06/19/2023 21:03:01	1	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
101428	DEF	DEF Coastal	FLORAL CITY (FLRC) - INVERNESS POD (INVP) 69KV LINE	06/19/2023 19:08:50	06/19/2023 19:09:42	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
101430	DEF	DEF Coastal	FLORAL CITY (FLRC) 69KV BKR 2911 + CAP BANK	06/19/2023 19:08:50	06/19/2023 19:09:42	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
101402	DEF	DEF North	OCCIDENTAL 1 (OC1L) NUTRIEN FEEDER (N360) LOAD	06/19/2023 11:05:10	06/19/2023 11:05:10	0	0	0 Equip Problems	Customer / Other Util (Non-Duke)	Customer's Line Equipment	No Reclose by Design or Policy	0	0
101404	DEF	DEF North	OCCIDENTAL 1 (OC1L) NUTRIEN FEEDER (N353) LOAD	06/19/2023 11:05:00	06/19/2023 12:04:30	59	0	0 Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101406	DEF	DEF North	OCCIDENTAL 1 (OC1L) NUTRIEN FEEDER (N362) LOAD	06/19/2023 11:03:00	06/19/2023 11:39:42	36	0	0 Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101400	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - OCCIDENTAL METERING (OXYM) 115KV LINE	06/19/2023 10:57:12	06/19/2023 10:58:00	0	0	0 Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
101352	DEF	DEF Central	LAKE BRANCH (LKBR) BK1	06/18/2023 19:55:28	06/18/2023 21:02:24	66	0	0 Animal	Bird	Bird	0	0	
101354	DEF	DEF Central	LAKE BRANCH (LKBR) BK2	06/18/2023 19:55:28	06/18/2023 21:02:24	66	0	0 Animal	Bird	Bird	0	0	
101350	DEF	DEF North	LEESBURG (LEBG) - LEESBURG EAST (LEBE) 69KV LINE	06/18/2023 19:22:14	06/18/2023 19:22:30	0	0	0 Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Other	0	0	
101332	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	06/18/2023 14:44:00	06/18/2023 14:44:00	0	0	0 Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101334	DEF	DEF North	ANDERSEN (ANDR) - CENTRAL FLORIDA (CFLA) 230KV LINE	06/17/2023 22:32:55	06/18/2023 05:38:12	425	0	0 Lightning	Lightning,Correlated in lightning detection system)	Conductor (Line)	0	0	
101336	DEF	DEF Central	CENTRAL FLORIDA (CFLA) - CLERMONT EAST (CMTE) - HANCOCK ROAD (HKRD) 230KV LINE	06/17/2023 21:23:59	06/17/2023 21:24:54	0	0	0 Unknown	Unknown	Other	0	0	
101338	DEF	DEF Coastal	BROOKSVILLE (BKVL) - FLORAL CITY (FLRC) 69KV LINE	06/17/2023 20:13:13	06/17/2023 20:13:19	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
101340	DEF	DEF North	CHIEFLAND (CHIF) - INGLIS (INGL) 69KV LINE	06/17/2023 17:18:22	06/17/2023 17:18:28	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
101318	DEF	DEF North	CENTER HILL (CTRH) BK1	06/17/2023 10:53:13	06/17/2023 12:40:19	107	0	0 Equip Problems	Customer / Other Util (Non-Duke)	Customer's Line Equipment	Human Error (Non-Duke Util / Cust)	0	0



101320	DEF	DEF North	BRONSON (BRSN) - CHIEFLAND (CHIF) 69KV BC LINE	06/17/2023 08:48:27	06/17/2023 08:48:33	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101312	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	06/16/2023 20:57:20	06/16/2023 20:57:28	0	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
101344	DEF	DEF Central	HINES ENERGY	06/16/2023 17:13:44			0	0 Transformer Equipment	Other Aux Equipment (Controls, alarms, etc.)	Other Aux Equipment (Controls, alarms, etc.)	0	0
101308	DEF	DEF Central	SOUTH FORT MEADE (SFMD) MOSAIC FEEDER (K737)	06/16/2023 17:06:15	06/16/2023 17:06:15	0	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
101302	DEF	DEF North	DRIFTON (DFTN) - PERRY (PRRY) 115KV DP2 LINE	06/16/2023 13:21:56	06/16/2023 19:47:00	385	0	2,052 Vegetation	Tree Falling from Outside ROW	Tree Falling from Outside ROW	0	3,489
101300	DEF	DEF North	CARRABELLE (CRBL) - CRAWFORDVILLE (CRAW) 69KV LINE	06/16/2023 12:17:41	06/16/2023 18:13:46	356	2329	2,329 Vegetation	Tree Falling from Outside ROW	Tree Falling from Outside ROW	275,091	275,091
101286	DEF	DEF North	FORT WHITE (FWHT) - JASPER SOUTH (JASS) 115KV WEST CIRCUIT	06/16/2023 06:40:24	06/16/2023 06:40:32	0	0	0 Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
101288	DEF	DEF North	GINNIE (GINI) - TRENTON (TNTN) 69KV LINE	06/16/2023 06:22:55	06/16/2023 06:24:17	1	0	0 Lightning	Lightning,Correlated in lightning detection system)	No Reclose by Design or Policy	0	0
101290	DEF	DEF North	DRIFTON (DFTN) - PERRY (PRRY) 115KV DP2 LINE	06/16/2023 03:18:23	06/16/2023 03:18:33	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101292	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	06/15/2023 23:12:40	06/16/2023 05:09:41	357	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101294	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	06/15/2023 19:55:21	06/15/2023 20:21:50	26	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101296	DEF	DEF North	JASPER SOUTH (JASS) - (SOCO) WEST HOMERVILLE (WMHR) 115KV LINE	06/15/2023 17:56:16	06/15/2023 18:09:05	12	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	Equipment (Non-Duke)	0	0
101284	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	06/15/2023 13:59:05	06/15/2023 15:26:57	87	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101280	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	06/15/2023 13:52:53	06/15/2023 17:15:58	203	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101282	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	06/15/2023 13:52:49	06/15/2023 15:27:25	94	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101276	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	06/15/2023 12:35:07	06/15/2023 15:41:33	186	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101278	DEF	DEF North	FORT WHITE (FWHT) - JASPER SOUTH (JASS) 115KV EAST CIRCUIT	06/15/2023 11:45:01	06/15/2023 11:45:07	0	0	0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101258	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	06/15/2023 08:04:02	06/15/2023 09:23:37	79	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101260	DEF	DEF Central	DELTONA (DTNA) - MONASTERY (MONA) 115KV LINE	06/15/2023 01:00:35	06/15/2023 01:00:41	0	0	0 Unknown	Unknown	Other	0	0
101262	DEF	DEF North	CENTER HILL (CTRH) BK1	06/15/2023 00:59:49	06/15/2023 04:20:09	200	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	Human Error (Non-Duke Util / Cust)	0	0
101264	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	06/14/2023 22:33:10	06/15/2023 11:12:23	759	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101266	DEF	DEF North	CRAWFORDVILLE (CRAW) - ST. MARKS EAST (STME) 69KV CS LINE	06/14/2023 21:34:59	06/14/2023 21:35:08	0	0	0 Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Other	0	0
101268	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	06/14/2023 20:54:49	06/15/2023 00:25:00	210	0	0 Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0

101270	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	06/14/2023 20:46:37	06/15/2023 00:16:00	209	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101272	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	06/14/2023 20:39:37	06/15/2023 01:00:00	260	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101250	DEF	DEF North	CENTER HILL (CTRH) BK1	06/14/2023 04:32:27	06/14/2023 06:54:06	141	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Human Error (Non- Duke Util / Cust)	0	0
101242	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	06/13/2023 20:45:00	06/13/2023 20:45:08	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
101244	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	06/13/2023 20:22:21	06/13/2023 20:22:21	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
101246	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	06/13/2023 18:59:40	06/13/2023 20:08:21	68	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101232	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	06/13/2023 08:54:10	06/13/2023 08:54:14	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
101234	DEF	DEF Coastal	TRI-CITY (TRIC) BK3	06/13/2023 08:01:36	06/13/2023 08:01:42	0	0	0	Animal	Squirrel	Squirrel	0	0
102792	DEF	DEF Coastal	TRI-CITY	06/13/2023 08:01:00			6986	6,986	Animal	Squirrel	Squirrel	615,949	615,949
101226	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	06/13/2023 06:28:35	06/13/2023 07:51:07	82	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101194	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	06/12/2023 12:49:47	06/12/2023 13:55:37	65	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101166	DEF	DEF North	DRIFTON (DFTN) - PERRY (PRRY) 69KV DP LINE	06/12/2023 02:09:24	06/12/2023 02:10:00	0	0	0	Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Other	0	0
101168	DEF	DEF Central	FORT GREEN SPRINGS (FGNS) - PEACOCK (PCOK) 69KV LINE	06/10/2023 21:44:31	06/10/2023 21:44:37	0	0	0	Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Other	0	0
101170	DEF	DEF Central	HEMPLE (HEMP) - LAKE LUNTZ (LUNZ) 69KV LINE	06/10/2023 17:46:49	06/10/2023 17:46:55	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101172	DEF	DEF Coastal	BROOKSVILLE (BKVL) - FLORAL CITY (FLRC) 69KV LINE	06/10/2023 16:10:43	06/10/2023 16:10:53	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101174	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	06/10/2023 15:00:00	06/10/2023 20:18:39	318	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101176	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	06/10/2023 14:55:23	06/10/2023 14:55:26	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101178	DEF	DEF North	CARRABELLE (CRBL) - GUMBAY (GMBY) 69KV LINE	06/10/2023 14:30:32	06/10/2023 14:30:40	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101180	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	06/10/2023 14:21:22	06/10/2023 14:45:58	24	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101182	DEF	DEF North	CRAWFORDVILLE (CRAW) - JACKSON BLUFF (JBLF) 69KV LINE	06/10/2023 13:50:58	06/10/2023 13:51:08	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
101184	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	06/10/2023 04:52:21	06/10/2023 05:04:00	11	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101188	DEF	DEF North	CARRABELLE (CRBL) - CRAWFORDVILLE (CRAW) 69KV LINE	06/09/2023 15:15:27	06/09/2023 15:15:31	0	0	0	Unknown	Unknown, after Patrol	Other	0	0
101088	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	06/08/2023 18:22:10	06/08/2023 19:27:00	64	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101078	DEF	DEF Central	UCF (UCFL) - WINTER PARK EAST (WPKE) 69KV LINE	06/07/2023 14:45:27	06/07/2023 14:45:37	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0

101080	DEF	DEF North	CENTRAL FLORIDA (CFLA) - ORANGE BLOSSOM (OBLS) 69KV LINE	06/07/2023 14:23:45	06/07/2023 14:24:51	1	0	0	Lightning	Lightning,Correlated in lightning detection system)	Lightning,Correlated in lightning detection system)	0	0	
101082	DEF	DEF Coastal	BROOKSVILLE (BKVL) - (TECO) UNION HALL (UHAL) 69KV LINE	06/07/2023 12:48:25	06/07/2023 12:49:23	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
101070	DEF	DEF North	ATWATER (AWTR) - LIBERTY (LBTY) 115KV ATL LINE	06/07/2023 10:36:19	06/07/2023 10:36:25	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
101072	DEF	DEF North	LIBERTY (LBTY) 69KV CS 5911 + CAP BANK	06/07/2023 10:36:19	06/07/2023 10:36:33	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
101068	DEF	DEF Coastal	ANCLOTE (ANCL) G1	06/06/2023 20:54:49	06/06/2023 20:54:50	0	0	0	Generating Unit	Aux Equipment (Generator)	Other	0	0	
101044	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	06/05/2023 21:07:27	06/05/2023 22:10:27	63	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100984	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	06/04/2023 19:42:47	06/04/2023 19:42:56	0	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
100986	DEF	DEF Central	NORTH BARTOW (NBTW) - (TECO) PEBBLEDALE (PBBL) 230KV LINE	06/04/2023 19:06:02	06/04/2023 19:06:06	0	0	0	Equip Problems	Customer / Other Util	Unknown Other Util / Customer's Equip	Other	0	0
100988	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	06/04/2023 17:50:45	06/04/2023 20:13:07	142	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100990	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	06/04/2023 13:31:32	06/04/2023 15:11:00	99	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100992	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	06/04/2023 07:13:50	06/04/2023 08:32:00	78	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
101018	DEF	DEF Central	FORT GREEN 4 (FGN4) MOSAIC FEEDER (F4MX)	06/04/2023 06:45:00	06/05/2023 09:08:36	1583	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
105792	DEF	DEF North	CONTINENTAL POD (SECO)	06/03/2023 22:38:00			0	6,637	Relay and Control Systems	Current Transformer Failure	Current Transformer Failure	0	491,138	
100994	DEF	DEF Central	KELLY PARK (KLLY) - ZELLWOOD (ZLWD) 69KV LINE	06/03/2023 15:22:58	06/03/2023 15:23:08	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
100996	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	06/03/2023 06:33:04	06/03/2023 06:33:08	0	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
100940	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	06/02/2023 08:55:05	06/02/2023 09:55:26	60	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100942	DEF	DEF Central	DUNDEE (DUND) - LAKE WALES (LKWL) 69KV LINE	06/02/2023 02:31:19	06/02/2023 02:32:00	0	0	0	Unknown	Unknown, after Patrol	Other	0	0	
100944	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	06/01/2023 21:06:49	06/01/2023 21:06:56	0	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
100946	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	06/01/2023 16:32:53	06/01/2023 16:39:00	6	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100936	DEF	DEF Coastal	ANCLOTE (ANCL) - LARGO (LRGO) 230KV LINE	06/01/2023 16:19:30	06/01/2023 16:19:36	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
100906	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	06/01/2023 05:29:25	06/01/2023 05:29:33	0	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
100902	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	05/31/2023 17:09:08	05/31/2023 21:35:00	265	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100904	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	05/31/2023 17:09:08	05/31/2023 21:35:00	265	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0

100892	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	05/31/2023 13:36:23	05/31/2023 15:00:12	83	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100854	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	05/29/2023 19:54:52	05/29/2023 19:55:00	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
100852	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	05/29/2023 03:46:42	05/29/2023 03:46:46	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
100844	DEF	DEF Central	WEST LAKE WALES (WLWL) - (TECO) SOUTH ELOISE (SOEL) 230KV LINE	05/28/2023 05:53:31	05/28/2023 05:53:35	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
100834	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	05/27/2023 17:14:19	05/27/2023 20:59:09	224	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100836	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	05/27/2023 11:45:41	05/27/2023 16:09:00	263	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100838	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	05/27/2023 09:34:36	05/27/2023 10:17:00	42	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100840	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	05/26/2023 21:47:23	05/27/2023 00:30:00	162	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100842	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	05/26/2023 17:52:43	05/26/2023 19:24:40	91	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100820	DEF	DEF North	DALLAS POD (DALP) - WILDWOOD POD (WILD) 69KV LINE	05/25/2023 07:19:17	05/25/2023 13:15:00	355	5172	5,172	Public Interference	Vehicle	Vehicle	407,176	407,176
100814	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	05/24/2023 22:55:51	05/25/2023 06:15:28	439	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Trip Coil	0	0
100816	DEF	DEF Coastal	EAST CLEARWATER (ECLW) 13KV BUS 2B	05/24/2023 21:11:58	05/24/2023 21:11:59	0	0	0	Miscellaneous	Distribution System Equipment	Insulating/Interrupti ng Medium	0	0
100812	DEF	DEF Coastal	BROOKSVILLE (BKVL) - (TECO) UNION HALL (UHAL) 69KV LINE	05/24/2023 16:21:23	05/24/2023 16:22:23	1	0	0	Lightning	Lightning,Correlated in lightning detection systm)	No Reclose by Design or Policy	0	0
100802	DEF	DEF Coastal	CRYSTAL RIVER SOUTH (CRSO) - TWIN COUNTY RANCH (TWCO) 115KV LINE	05/24/2023 16:10:54	05/24/2023 16:12:54	2	0	11,124	Lightning	Lightning,Correlated in lightning detection systm)	Lightning,Correlated in lightning detection systm)	0	22,248
100804	DEF	DEF Central	DRY PRAIRIE (DRPR) - DPMX3 MOSAIC FEEDER 69KV (DPMX3 LINE)	05/24/2023 15:23:35	05/24/2023 15:28:00	4	0	0	Weather/Environment	Lightning Suspected, yet not correlated	No Reclose by Design or Policy	0	0
100806	DEF	DEF Central	HORSE CREEK (HORS) - HORSE CREEK 2 (HOR2) 69KV LINE	05/24/2023 15:15:05	05/24/2023 16:02:57	47	0	0	Lightning	Lightning,Correlated in lightning detection systm)	No Reclose by Design or Policy	0	0
100808	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	05/24/2023 15:14:53	05/24/2023 16:10:00	55	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100810	DEF	DEF Coastal	BROOKSVILLE (BKVL) - HAMMOCK (HMMK) 69KV LINE	05/24/2023 14:47:52	05/24/2023 22:21:43	453	0	3	Lightning	Lightning,Correlated in lightning detection systm)	Conductor (Line)	0	950
100790	DEF	DEF Central	FROSTPROOF (FSPF) - LAKE WALES (LKWL) 69KV LINE	05/24/2023 14:35:04	05/24/2023 14:35:10	0	0	0	Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
100792	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	05/24/2023 14:20:34	05/24/2023 14:20:42	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
100794	DEF	DEF Central	DAVENPORT (DVPT) - WEST DAVENPORT (WDVP) 69KV LINE	05/24/2023 13:57:21	05/24/2023 13:57:25	0	0	0	Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
100784	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	05/24/2023 13:18:39	05/24/2023 14:07:59	49	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100786	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	05/24/2023 12:15:07	05/24/2023 13:10:01	54	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0

100788	DEF	DEF Central	FORT GREEN 6 (FGN6) BK1	05/24/2023 11:43:00	07/12/2023 11:59:00	70576	0	0	Customer / Other Util	Customer's Line Equipment				
			OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER						0 Equip Problems	(Non-Duke)	Interrupters	0	0	
100778	DEF	DEF North	25KV (N353 LINE)	05/24/2023 09:15:21	05/24/2023 10:23:51	68	0	0	Customer / Other Util	Customer's Line Equipment	No Reclose by			
			LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER						0 Equip Problems	(Non-Duke)	Design or Policy	0	0	
100762	DEF	DEF Central	25KV (K5654MX LINE)	05/23/2023 18:36:03	05/23/2023 18:36:11	0	0	0	Customer / Other Util	Customer's Line Equipment				
			DINNER LAKE (DNRL) - SUN N LAKES (SUNL) 69KV LINE						0 Equip Problems	(Non-Duke)	Other	0	0	
100764	DEF	DEF Central		05/23/2023 17:39:55	05/23/2023 17:40:13	0	0	0	Unknown	Unknown, after Patrol	Other	0	0	
			INTERCESSION CITY (ICTY) - LAKE BRYAN (LBRY) 230KV CIRCUIT 2						0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
100766	DEF	DEF Central		05/23/2023 17:23:38	05/23/2023 17:23:44	0	0	0	Lightning			0	0	
			OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER						Customer / Other Util	Customer's Line Equipment	No Reclose by			
100768	DEF	DEF North	25KV (N362 LINE)	05/23/2023 17:08:00	05/23/2023 17:44:33	36	0	0	Equip Problems	(Non-Duke)	Design or Policy	0	0	
			OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER						Customer / Other Util	Customer's Line Equipment	No Reclose by			
100770	DEF	DEF North	25KV (N362 LINE)	05/23/2023 16:07:08	05/23/2023 16:53:44	46	0	0	Equip Problems	(Non-Duke)	Design or Policy	0	0	
			FLORIDA GAS TRANSMISSION EAST (FGTE) - WEWAHOOTEE (WWHO) 69KV LINE						0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
100756	DEF	DEF Central		05/23/2023 14:52:45	05/23/2023 14:52:54	0	0	0	Lightning			0	0	
			TAVARES EAST (TVRE) 13KV BUS 1						0 Unknown	Unknown, after completed Engineer Investigation	Unknown, after completed Engineer Investigation	0	0	
100746	DEF	DEF North		05/23/2023 03:11:27	05/23/2023 09:11:27	360	0	0	Unknown			0	0	
			OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER						Customer / Other Util	Customer's Line Equipment	No Reclose by			
100748	DEF	DEF North	25KV (N353 LINE)	05/22/2023 18:12:13	05/22/2023 18:42:02	29	0	0	Equip Problems	(Non-Duke)	Design or Policy	0	0	
			HAINES CITY EAST (HCTE) - POINCIANA (POIN) 69KV LINE						0 Lightning	Lightning,Correlated in lightning detection system)	Other	0	0	
100750	DEF	DEF Central		05/22/2023 18:08:24	05/22/2023 18:08:43	0	0	0	Lightning			0	0	
			OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER						Customer / Other Util	Customer's Line Equipment	No Reclose by			
100752	DEF	DEF North	25KV (N362 LINE)	05/22/2023 17:55:09	05/22/2023 19:38:34	103	0	0	Equip Problems	(Non-Duke)	Design or Policy	0	0	
			ATWATER (AWTR) - LIBERTY (LBTY) 115KV ATL LINE						0 Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0	
100732	DEF	DEF North		05/22/2023 15:12:28	05/22/2023 15:12:36	0	0	0	Weather/Environment			0	0	
			OCCIDENTAL SWIFT CREEK 1 (OSC1) - OCCIDENTAL METERING (OXYM) 115KV LINE						0 Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0	
100734	DEF	DEF North		05/22/2023 10:50:00	05/22/2023 10:50:01	0	0	0	Weather/Environment			0	0	
			FORT GREEN 6 (FGN6) BK1						Customer / Other Util	Customer's Line Equipment	No Reclose by			
100720	DEF	DEF Central		05/22/2023 07:27:00	05/22/2023 09:00:00	93	0	0	Equip Problems	(Non-Duke)	Design or Policy	0	0	
			LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER						Customer / Other Util	Customer's Line Equipment				
100722	DEF	DEF Central	25KV (K5656MX LINE)	05/21/2023 23:01:38	05/21/2023 23:01:50	0	0	0	Equip Problems	(Non-Duke)	Other	0	0	
			VANDOLAH (VAND) - (FPL) CHARLOTTE (CHAR) 230KV LINE						Customer / Other Util	Customer's Line Equipment				
100710	DEF	DEF Central		05/21/2023 17:00:48	05/21/2023 17:00:52	0	0	0	Equip Problems	(Non-Duke)	Other	0	0	
			HORSE CREEK (HORS) - HORSE CREEK 2 (HOR2) 69KV LINE						Customer / Other Util	Customer's Line Equipment	No Reclose by			
100712	DEF	DEF Central		05/20/2023 20:10:10	05/20/2023 21:22:00	71	0	0	Equip Problems	(Non-Duke)	Design or Policy	0	0	
			FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER						Customer / Other Util	Customer's Line Equipment	No Reclose by			
100714	DEF	DEF Central	25KV (F10MX LINE)	05/20/2023 17:41:00	05/20/2023 18:07:00	26	0	0	Equip Problems	(Non-Duke)	Design or Policy	0	0	
			WINTER PARK EAST (WPKE) 13KV BUS 3						6,102 Weather/Environment	Under Investigation (Weather?)	Interrupters	148,932	148,932	
100696	DEF	DEF Central		05/20/2023 01:15:29	05/20/2023 02:36:35	81	6102	6,102	Weather/Environment					
			ALAFAYA (ALFY) - UCF NORTH (UCFN) 69KV LINE						0 Lightning	Lightning,Correlated in lightning detection system)	Lightning,Correlated in lightning detection system)	0	0	
100682	DEF	DEF Central		05/18/2023 18:51:02	05/18/2023 18:53:47	2	0	0	Lightning			0	0	
			ALAFAYA (ALFY) 69KV BKR 2454 + CAP BANK						0 Lightning	Lightning,Correlated in lightning detection system)	Lightning,Correlated in lightning detection system)	0	0	
100684	DEF	DEF Central		05/18/2023 18:51:02	05/18/2023 18:53:47	2	0	0	Lightning			0	0	



100658	DEF	DEF Central	HANCOCK ROAD (HKRD) - MONTVERDE (MTVD) 69KV LINE	05/17/2023 17:04:46	05/17/2023 19:50:40	165	0	0	Lightning	Lightning,Correlated in lightning detection systm)	Lightning,Correlated in lightning detection systm)	0	0
100660	DEF	DEF Central	HANCOCK ROAD (HKRD) - WINTER GARDEN (WGDN) 69KV LINE	05/17/2023 17:04:46	05/17/2023 17:04:54	0	0	0	Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
100646	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	05/17/2023 14:51:07	05/17/2023 16:04:00	72	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100640	DEF	DEF North	DRIFTON (DFTN) - PERRY (PRRY) 69KV DP LINE	05/17/2023 12:48:29	05/17/2023 12:48:29	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
100592	DEF	DEF North	COLUMBIA SWITCHING STATION (CLMB) - HIGH SPRINGS (HISP) 69KV LINE	05/15/2023 16:56:30	05/15/2023 16:56:38	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
100594	DEF	DEF North	CRYSTAL RIVER (CRPL) G5	05/15/2023 15:52:26	05/15/2023 15:52:27	0	0	0	Generating Unit	Aux Equipment (Generator)	Other	0	0
100586	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	05/15/2023 07:26:48	05/15/2023 07:27:12	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
100560	DEF	DEF Central	PIEDMONT (PIED) - WELCH ROAD (WLCH) 230KV LINE	05/14/2023 07:23:41	05/14/2023 10:58:00	214	0	0	Breaker Equipment	Under Investigation (Breaker)	Under Investigation (Breaker)	0	0
100558	DEF	DEF Central	WELCH ROAD (WLCH) BK3	05/14/2023 07:23:41	05/18/2023 15:52:00	6268	0	0	Breaker Equipment	Under Investigation (Breaker)	Under Investigation (Breaker)	0	0
100562	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	05/14/2023 06:46:17	05/14/2023 06:46:25	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
100564	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	05/14/2023 03:21:50	05/14/2023 05:19:15	117	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100566	DEF	DEF Central	HORSE CREEK (HORS) - HORSE CREEK 2 (HOR2) 69KV LINE	05/13/2023 19:20:48	05/13/2023 21:24:27	123	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100568	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	05/13/2023 19:05:16	05/13/2023 21:51:37	166	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100550	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	05/13/2023 10:16:41	05/13/2023 12:24:28	127	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100534	DEF	DEF Central	CASSELBERRY (CSBY) 13KV BUS 1	05/13/2023 08:20:00	05/13/2023 11:39:54	199	5771	5,771	Animal	Squirrel	No Reclose by Design or Policy	342,424	342,424
100536	DEF	DEF Coastal	PORT RICHEY WEST (PTRW) - SEVEN SPRINGS (SEVS) 115KV LINE	05/12/2023 20:59:47	05/13/2023 14:36:00	1056	0	0	Animal	Bird Nest	Disconnect	0	0
100540	DEF	DEF Coastal	DENHAM (DNHM) - (TECO) DALE MABRY (DALE) 69KV LINE	05/12/2023 20:25:23	05/12/2023 20:25:28	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
100544	DEF	DEF North	CITRUS COMBINED CYCLE (CITR) CT2B	05/12/2023 19:19:56	05/12/2023 19:19:57	0	0	0	Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
100542	DEF	DEF North	CITRUS COMBINED CYCLE (CITR) ST1S	05/12/2023 19:19:56	05/12/2023 19:19:57	0	0	0	Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
100546	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	05/12/2023 19:02:45	05/13/2023 09:15:48	853	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100548	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	05/12/2023 17:49:29	05/12/2023 21:13:34	204	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100532	DEF	DEF North	GEORGIA PACIFIC (GAPC) 69KV BUS 1	05/12/2023 16:10:53	05/12/2023 17:42:36	91	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Arrestor (Station Bus)	0	0
100530	DEF	DEF North	GEORGIA PACIFIC (GAPC) - (CFEC) COUNTY CLUB (CCL5) 69KV LINE	05/12/2023 16:10:53	05/12/2023 16:21:26	10	1356	6,074	Bus Equipment	Arrestor (Station Bus)	Arrestor (Station Bus)	7,214	56,989

100526	DEF	DEF North	ATWATER (AWTR) - LIBERTY (LBTY) 115KV ATL LINE	05/12/2023 14:20:24	05/12/2023 14:20:29	0	0	0	Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
100524	DEF	DEF Central	DRY PRAIRIE (DRPR) - DPMX1 MOSAIC FEEDER 69KV (DPMX1 LINE)	05/12/2023 12:03:37	05/12/2023 12:39:23	35	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100520	DEF	DEF North	CRYSTAL RIVER (CRPL) 230KV BUS 10 BOGGY MARSH (BGMS) - WESTRIDGE (WRDG)	05/11/2023 19:23:19	05/19/2023 09:57:23	10954	23	23	Lightning	Lightning,Correlated in lightning detection systm)	Preventive Maintenance Activity	4,299	4,299
100500	DEF	DEF Central	69KV LINE	05/11/2023 04:26:16	05/11/2023 14:51:00	624	0	0	Public Interference	Vehicle	Vehicle	0	0
100504	DEF	DEF Central	WESTRIDGE (WRDG) 13KV BUS 2	05/11/2023 04:26:16	05/11/2023 14:51:00	624	0	0	Public Interference	Vehicle	Vehicle	0	0
100502	DEF	DEF Central	WESTRIDGE (WRDG) BK2	05/11/2023 04:26:16	05/11/2023 14:51:00	624	0	0	Public Interference	Vehicle	Vehicle	0	0
100506	DEF	DEF Central	PEACOCK (PCOK) - 5584 MOSAIC FEEDER 69KV (PCMX LINE)	05/11/2023 04:19:54	05/11/2023 04:25:05	5	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100498	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	05/10/2023 19:44:17	05/10/2023 23:03:07	198	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100492	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	05/10/2023 18:54:05	05/10/2023 19:43:35	49	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100494	DEF	DEF Central	OCOEE (OCOE) 69KV BUS 1	05/10/2023 16:22:09	05/10/2023 16:23:00	0	0	0	Miscellaneous	Under Investigation (Misc?)	Other	0	0
100496	DEF	DEF Central	FROSTPROOF (FSPF) BK2	05/10/2023 13:19:02	05/10/2023 13:19:02	0	0	0	Unknown	Under Investigation (Unknown)	Under Investigation (Unknown)	0	0
100474	DEF	DEF Central	INTERCESSION CITY (ICTY) - INTERCESSION CITY P7 + P9 (ICTY) 230KV LINE	05/09/2023 20:44:02	05/09/2023 20:50:22	6	0	0	Generating Unit	Under Investigation (Generating Unit?)	Under Investigation (Generating Unit?)	0	0
100476	DEF	DEF Coastal	EAST CLEARWATER (ECLW) 13KV BUS 1 FORT GREEN SPRINGS (FGNS) - VANDOLAH	05/09/2023 20:16:44	05/09/2023 22:49:00	152	4482	4,482	Breaker Equipment	Insulating/Interrupting Medium	Insulating/Interrupting Medium	63,192	63,192
100436	DEF	DEF Central	VAND) 69KV CIRCUIT 2	05/08/2023 12:44:58	05/08/2023 12:48:02	3	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Customer Request	0	0
100434	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	05/07/2023 18:28:00	05/07/2023 19:53:00	85	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100420	DEF	DEF Central	DRY PRAIRIE (DRPR) - DPMX2 MOSAIC FEEDER 69KV (DPMX2 LINE)	05/06/2023 16:30:26	05/06/2023 16:59:44	29	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100318	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	05/01/2023 18:10:37	05/01/2023 18:12:34	1	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100320	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	05/01/2023 17:31:29	05/01/2023 17:31:32	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100322	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	05/01/2023 17:14:21	05/01/2023 17:14:40	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100324	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	05/01/2023 16:26:08	05/01/2023 16:26:12	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100326	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	05/01/2023 15:34:35	05/01/2023 16:23:17	48	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100328	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	05/01/2023 15:23:28	05/01/2023 15:23:32	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100314	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	05/01/2023 14:43:23	05/01/2023 16:15:25	92	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100312	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	05/01/2023 14:06:53	05/01/2023 16:23:17	136	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0

100278	DEF	DEF Central	CENTRAL FLORIDA (CFLA) - CLERMONT EAST (CMTE) - HANCOCK ROAD (HKRD) 230KV LINE	04/30/2023 06:17:29	05/01/2023 14:11:10	1913	0	0	Line Equipment	Insulator (Line, Polymer)	Insulator (Line, Polymer)	0	0
100280	DEF	DEF Central	CAMP LAKE (CAMP) - CENTRAL FLORIDA (CFLA) 230KV LINE	04/30/2023 06:17:21	05/02/2023 15:04:26	3407	0	0	Line Equipment	Insulator (Line, Polymer)	Insulator (Line, Polymer)	0	0
100282	DEF	DEF Central	EAST LAKE WALES (ELWL) - (PRECO) INDIAN LAKES ESTATES (ILE1) 69KV LINE	04/29/2023 21:38:08	04/30/2023 01:39:00	240	0	0	Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
100284	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	04/29/2023 12:50:47	04/29/2023 13:27:53	37	0	0	Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100262	DEF	DEF Central	FORT MEADE (FTMD) - HOMELAND (HMLD) 69KV LINE	04/28/2023 21:53:34	04/28/2023 21:53:45	0	0	0	Unknown	Unknown, but not Lightning.	Other	0	0
100264	DEF	DEF Central	DRY PRAIRIE (DRPR) - DPMX1 MOSAIC FEEDER 69KV (DPMX1 LINE)	04/28/2023 17:00:19	04/28/2023 18:07:00	66	0	0	Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100174	DEF	DEF Central	FROSTPROOF (FSPF) - LAKE WALES (LKWL) 69KV LINE	04/26/2023 21:18:54	04/26/2023 21:18:59	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Other	0	0
100644	DEF	DEF Central	COUNTRY OAKS	04/26/2023 20:56:35			3061	3,061	Miscellaneous	Interruption From Other Source Station	Interruption From Other Source Station	106,357	106,357
100176	DEF	DEF Central	COUNTRY OAKS (COAK) - DUNDEE (DUND) 69KV LINE	04/26/2023 20:56:35	04/28/2023 18:46:00	2749	0	4,511	Weather/Environment	Wind	Structure (Wood)	0	124,983
100484	DEF	DEF Central	EAST LAKE WALES	04/26/2023 20:56:35	04/28/2023 18:46:00	2749	3016	3,016	Miscellaneous	Interruption From Other Source Station	Interruption From Other Source Station	319,252	319,252
100178	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	04/26/2023 20:53:55	04/27/2023 02:00:48	306	0	0	Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100180	DEF	DEF Central	COUNTRY OAKS (COAK) - LAKE WALES (LKWL) 69KV LINE	04/26/2023 20:36:54	04/26/2023 20:37:10	0	0	0	Lightning	Lightning,Correlated in lightning detection system)	Static Wire (OHGW)	0	0
100182	DEF	DEF North	FORT WHITE (FWHT) - SUWANNEE AMERICAN CEMENT (SWAC) 115KV FWSAX LINE	04/26/2023 19:06:21	04/27/2023 04:46:43	580	0	1,261	Line Equipment	Insulator (Line, Porcelain)	Insulator (Line, Porcelain)	0	15,566
100164	DEF	DEF Central	FORT GREEN 4 (FGN4) BK1	04/26/2023 09:42:00	04/26/2023 10:17:54	35	0	0	Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100166	DEF	DEF Central	FORT GREEN 6 (FGN6) BK1	04/26/2023 09:30:00	04/26/2023 09:42:58	12	0	0	Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100150	DEF	DEF North	TAVARES (TVRS) - (SECO) DEER ISLAND (DER3) 69KV LINE	04/25/2023 16:47:18	04/25/2023 16:47:22	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
100152	DEF	DEF North	CENTER HILL (CTRH) BK1	04/25/2023 16:09:01	04/25/2023 16:09:06	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
100144	DEF	DEF Central	HOLOPAW (HOLO) - (FPL) POINSETT (PSET) 230KV LINE	04/24/2023 15:49:38	04/24/2023 15:52:40	3	0	0	Weather/Environment	Under Investigation (Weather?)	Unknown, but not Lightning.	0	0
100146	DEF	DEF Coastal	BROOKRIDGE (BKRG) - TWIN COUNTY RANCH (TWCO) 115KV LINE	04/24/2023 15:02:23	04/24/2023 15:03:17	0	0	0	Unknown	Unknown	Other	0	0
100112	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	04/23/2023 08:05:09	04/23/2023 08:46:44	41	0	0	Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100072	DEF	DEF Central	DRY PRAIRIE (DRPR) - DPMX1 MOSAIC FEEDER 69KV (DPMX1 LINE)	04/20/2023 21:51:11	04/21/2023 00:25:46	154	0	0	Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100054	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	04/20/2023 17:13:12	04/20/2023 17:13:16	0	0	0	Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
100040	DEF	DEF North	LAKE WEIR (LWER) - (CEC) LYNN (LYNN) 69KV LINE	04/20/2023 15:54:42	04/20/2023 17:08:15	73	0	5,604	Bus Equipment	Arrestor (Station Bus)	Arrestor (Station Bus)	0	412,174



100018	DEF	DEF Central	CLERMONT*	04/18/2023 07:32:00	04/18/2023 07:57:00	25	1088	1,088	Miscellaneous	Distribution System Equipment	Failed to Reclose	25,024	25,024
99994	DEF	DEF Central	DUNDEE (DUND) - WEST LAKES WALES (WLWL) 230KV CIRCUIT 1	04/17/2023 22:45:48	04/17/2023 22:46:15	0	0	0	Unknown	Unknown, after Patrol	Other	0	0
99964	DEF	DEF Central	HINES (HINE) CT2A	04/17/2023 07:14:52	04/17/2023 07:14:53	0	0	0	Generating Unit	Aux Equipment (Generator)	Other	0	0
100006	DEF	DEF North	LEESBURG	04/17/2023 06:38:45	04/17/2023 06:38:50	0	0	0	Unknown	Unknown	Other	0	0
103080	DEF	DEF Coastal	DENHAM*	04/16/2023 23:56:47	04/17/2023 01:26:57	90	1997	1,997	Miscellaneous	Distribution System Equipment	Operating Mechanism	179,730	179,730
99966	DEF	DEF Central	DUETTE SOLAR (DTSO) BK1	04/16/2023 23:43:17	04/17/2023 02:24:00	160	0	0	Transformer Equipment	Bushing (Transformer)	Bushing (Transformer)	0	0
99968	DEF	DEF North	CROSS CITY (XCTY) - OLD TOWN NORTH (OTNN) 69KV LINE	04/16/2023 18:14:32	04/16/2023 18:15:40	1	0	0	Vegetation	Tree Falling from Outside ROW	Conductor (Line)	0	0
99970	DEF	DEF North	BUSHNELL EAST (BSNE) BK2	04/16/2023 16:59:25	04/24/2023 14:21:00	11361	0	0	Relay and Control Systems	Pressure Relay Failure	Pressure Relay Failure	0	0
99972	DEF	DEF Central	VANDOLAH (VAND) - (PRECO) MURPHY ROAD (MRF1) 69KV VHC LINE	04/16/2023 15:33:33	04/16/2023 15:33:42	0	0	0	Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Other	0	0
99974	DEF	DEF North	FOLEY (FOLY) BK2 LOAD	04/16/2023 14:08:00	04/16/2023 15:52:33	104	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
99954	DEF	DEF Central	FORT GREEN SPRINGS (FGNS) - FORT MEADE (FTMD) 69KV LINE	04/16/2023 07:52:24	04/16/2023 10:23:29	151	0	2,871	Animal	Bird Nest	Bird Nest	0	7,235
99956	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	04/15/2023 23:39:16	04/15/2023 23:39:16	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99958	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	04/15/2023 15:43:36	04/15/2023 17:02:02	78	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99940	DEF	DEF North	ORANGE BLOSSOM (OBLS) BK2	04/15/2023 02:27:43	04/15/2023 05:03:00	155	1147	1,147	Breaker Equipment	Insulating/Interrupting Medium	Insulating/Interrupting Medium	121,582	121,582
99942	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	04/14/2023 20:12:28	04/14/2023 20:12:40	0	0	0	Customer / Other Util Equip Problems	Unknown Other Util / Customer's Equip	Other	0	0
99926	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	04/14/2023 04:09:43	04/14/2023 04:09:55	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
99928	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	04/14/2023 00:22:23	04/14/2023 00:49:29	27	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99890	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	04/13/2023 11:26:00	04/13/2023 12:16:00	50	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99892	DEF	DEF North	CITRUS COMBINED CYCLE (CITR) CT2B	04/13/2023 01:55:03	04/13/2023 01:55:04	0	0	0	Generating Unit	Aux Equipment (Generator)	Aux Equipment (Generator)	0	0
99878	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	04/12/2023 19:06:26	04/12/2023 21:46:34	160	0	0	O&M (Planned or Scheduled)	Customer Request	Customer Request	0	0
99880	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K739 MOSAIC FEEDER 25KV (K739MX LINE)	04/12/2023 19:00:22	04/12/2023 21:54:19	173	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
99882	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K739 MOSAIC FEEDER 25KV (K739MX LINE)	04/12/2023 17:31:02	04/12/2023 17:31:10	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
99884	DEF	DEF Central	SOUTH FORT MEADE (SFMD) MOSAIC FEEDER (K748)	04/12/2023 17:30:38	04/12/2023 19:00:00	89	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
99860	DEF	DEF Central	PARKER BRANCH (PKBR) - PBMX1 MOSAIC FEEDER 69KV (PBMX1 LINE)	04/12/2023 08:04:24	04/12/2023 23:37:39	933	0	0	O&M (Planned or Scheduled)	Customer Request	Customer Request	0	0
99862	DEF	DEF Central	PARKER BRANCH (PKBR) - PBMX2 MOSAIC FEEDER 69KV (PBMX2 LINE)	04/12/2023 08:04:24	04/12/2023 23:38:35	934	0	0	O&M (Planned or Scheduled)	Customer Request	Customer Request	0	0
99864	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K739 MOSAIC FEEDER 25KV (K739MX LINE)	04/12/2023 07:56:01	04/12/2023 16:52:00	535	0	0	O&M (Planned or Scheduled)	Customer Request	Customer Request	0	0

99866	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	04/12/2023 07:56:01	04/12/2023 16:52:00	535	0	0	O&M (Planned or Scheduled)	Customer Request	Customer Request	0	0
99856	DEF	DEF North	(SECO) WATERMAN (WAT3) LOAD	04/12/2023 01:45:00	04/12/2023 03:00:00	75	0	1,091	Animal	Other Animal	Relay Failure/Misoperation	0	89,355
99868	DEF	DEF North	(SECO) WATERMAN (WAT3) LOAD	04/12/2023 01:09:00	04/12/2023 01:34:00	25	0	0	Animal	Other Animal	Relay Failure/Misoperation	0	0
99846	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	04/11/2023 13:08:28	04/11/2023 13:30:32	22	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99848	DEF	DEF Central	FORT GREEN 6 (FGN6) - F6MX MOSAIC FEEDER 25KV (F6MX LINE)	04/11/2023 10:32:04	04/11/2023 11:07:22	35	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99850	DEF	DEF Central	FORT GREEN 6 (FGN6) - F6MX MOSAIC FEEDER 25KV (F6MX LINE)	04/11/2023 07:30:00	04/11/2023 09:14:00	104	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99842	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	04/10/2023 16:44:38	04/10/2023 19:20:00	155	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99826	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	04/10/2023 15:18:23	04/10/2023 16:07:48	49	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99812	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	04/10/2023 09:35:02	04/10/2023 10:16:18	41	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99814	DEF	DEF Central	MEADOW WOODS SOUTH (MDWS) - TAFT (TAFT) 69KV LINE	04/10/2023 09:03:00	04/10/2023 15:57:09	414	0	0	Line Equipment	Structure (Wood)	Work on Damaged Equipment	0	0
99790	DEF	DEF Coastal	SEVEN SPRINGS (SEVS) - TARPON SPRINGS (TPNS) 115KV WEST CIRCUIT	04/09/2023 03:16:30	04/09/2023 03:16:35	0	0	0	Line Equipment	Insulator (Line, Porcelain)	Insulator (Line, Porcelain)	0	0
99792	DEF	DEF Central	DINNER LAKE (DNRL) - SUN N LAKES (SUNL) 69KV LINE	04/08/2023 17:57:20	04/08/2023 17:57:26	0	0	0	Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Other	0	0
99794	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	04/08/2023 15:59:53	04/08/2023 19:34:00	214	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99796	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	04/08/2023 15:53:01	04/08/2023 16:39:04	46	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99798	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	04/08/2023 11:12:57	04/08/2023 11:45:49	32	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99740	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	04/06/2023 23:05:12	04/06/2023 23:37:41	32	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99712	DEF	DEF North	CITRUS COMBINED CYCLE (CITR) CT2A	04/05/2023 10:30:35	04/05/2023 10:30:36	0	0	0	Generating Unit	Aux Equipment (Generator)	Aux Equipment (Generator)	0	0
99714	DEF	DEF North	CITRUS COMBINED CYCLE (CITR) CT2B	04/05/2023 10:30:35	04/05/2023 10:30:36	0	0	0	Generating Unit	Aux Equipment (Generator)	Aux Equipment (Generator)	0	0
99716	DEF	DEF North	CITRUS COMBINED CYCLE (CITR) ST2S	04/05/2023 10:30:35	04/05/2023 10:30:36	0	0	0	Generating Unit	Aux Equipment (Generator)	Aux Equipment (Generator)	0	0
99692	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	04/04/2023 01:43:55	04/04/2023 01:44:04	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
99678	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	04/03/2023 16:40:22	04/03/2023 17:48:07	67	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99680	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	04/03/2023 16:33:15	04/03/2023 17:56:26	83	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99670	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	04/03/2023 03:33:51	04/03/2023 03:33:51	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99662	DEF	DEF Coastal	40TH STREET (ST40) 13KV BUS 2	04/02/2023 11:14:19	04/02/2023 11:14:20	0	0	0	Animal	Bird Nest	Other	0	0
99664	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	04/01/2023 12:51:07	04/01/2023 13:34:57	43	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0

99666	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	03/31/2023 23:17:40	03/31/2023 23:50:50	33	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99492	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	03/30/2023 10:20:33	03/30/2023 11:20:30	59	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99480	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	03/28/2023 18:41:46	03/28/2023 19:25:34	43	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99476	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	03/28/2023 17:59:28	03/28/2023 23:06:00	306	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99454	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	03/28/2023 07:49:08	03/28/2023 07:49:15	0	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
99456	DEF	DEF Central	HINES (HINE) ST4S	03/28/2023 06:13:13	03/28/2023 06:13:14	0	0	0	Line Equipment	Insulator (Line, Polymer)	Other	0	0
99450	DEF	DEF Central	HINES (HINE) 230KV BUS 2	03/28/2023 06:12:40	03/28/2023 20:39:00	866	0	0	Line Equipment	Insulator (Line, Polymer)	Insulator (Line, Polymer)	0	0
99418	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	03/27/2023 02:52:00	03/27/2023 02:52:08	0	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
99414	DEF	DEF Central	HORSE CREEK 2 (HOR2) MOSAIC FEEDER (HR2MX)	03/25/2023 12:01:00	03/26/2023 13:00:36	1499	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99404	DEF	DEF Coastal	40TH STREET (ST40) - NORTHEAST (NOEA) 230KV LINE	03/25/2023 08:14:46	03/25/2023 09:59:00	104	0	0	Animal	Bird Nest	Bird Nest	0	0
99406	DEF	DEF Central	LAKE BRANCH (LKBR) - K5654 MOSAIC FEEDER 25KV (K5654MX LINE)	03/24/2023 18:46:19	03/24/2023 18:46:27	0	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
99374	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	03/24/2023 07:18:59	03/24/2023 07:19:07	0	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
99358	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	03/22/2023 23:01:44	03/23/2023 10:19:01	677	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99354	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	03/22/2023 09:37:19	03/22/2023 11:43:44	126	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99346	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	03/22/2023 09:23:34	03/22/2023 10:59:05	95	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99348	DEF	DEF Central	DRY PRAIRIE (DRPR) - DPMX3 MOSAIC FEEDER 69KV (DPMX3 LINE)	03/22/2023 04:32:50	03/22/2023 05:01:27	28	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99352	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	03/21/2023 17:46:07	03/21/2023 17:46:11	0	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
99350	DEF	DEF North	OCCIDENTAL 1 (OC1L) 25KV BUS 1	03/21/2023 17:46:07	03/21/2023 17:46:11	0	0	0	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
100350	DEF	DEF North	TROPIC TERRACE	03/21/2023 07:44:00	03/21/2023 08:03:00	19	1476	1,476	Human Error	Duke Switching Error	Duke Switching Error	28,044	28,044
99322	DEF	DEF North	BUSHNELL EAST (BSNE) - (SECO) BUSHNELL (BSH3) 69KV LINE	03/21/2023 03:04:10	03/21/2023 16:23:02	798	0	0	Line Equipment	Conductor (Line)	Conductor (Line)	0	0
99324	DEF	DEF North	BUSHNELL EAST (BSNE) BK2	03/21/2023 03:04:10	03/22/2023 13:05:28	2041	0	0	Breaker Equipment	Failed to Reclose	Failed to Reclose	0	0
99312	DEF	DEF Central	FORT GREEN 4 (FGN4) - F4MX MOSAIC FEEDER 25KV (F4MX LINE)	03/20/2023 05:53:52	03/20/2023 05:53:52	0	0	0	Customer / Other Util	Customer's Substation Equipment (Non-Duke)	Customer's Substation Equipment (Non-Duke)	0	0
99298	DEF	DEF Coastal	BARTOW (BART) CT4A	03/18/2023 11:56:08	03/18/2023 11:56:08	0	0	0	Generating Unit	Generator	Other	0	0
99292	DEF	DEF Central	HAINES CITY EAST (HCTE) - POINCIANA (POIN) 69KV LINE	03/17/2023 09:50:05	03/17/2023 09:50:26	0	0	0	Unknown	Unknown, but not Lightning.	Other	0	0
99278	DEF	DEF North	EUSTIS SOUTH (EUSS) - TAVARES (TVRS) 69KV LINE	03/15/2023 12:39:11	03/15/2023 12:39:15	0	0	0	Unknown	Unknown	Other	0	0
99442	DEF	DEF Central	HOLOPAW	03/14/2023 11:34:08	03/14/2023 14:12:09	158	0	0	Human Error	Maintenance Personnel (Power Delivery)	Maintenance Personnel (Power Delivery)	0	0

99246	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K739 MOSAIC FEEDER 25KV (K739MX LINE)	03/13/2023 14:09:39	03/13/2023 17:41:31	211	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Equipment (Non-Duke)	0	0
99248	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K739 MOSAIC FEEDER 25KV (K739MX LINE)	03/13/2023 12:28:42	03/13/2023 12:28:51	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
99250	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	03/13/2023 12:28:31	03/13/2023 19:54:34	446	0	0	Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Close Coil	0	0
100934	DEF	DEF Coastal	HERITAGE PINES POD (WREC)	03/13/2023 11:00:00	03/13/2023 11:44:00	44	0	5,790	Relay and Control Systems	Current Transformer Failure	Current Transformer Failure	0	254,760
99252	DEF	DEF North	FORT WHITE (FWHT) - JASPER SOUTH (JASS) 115KV WEST CIRCUIT	03/13/2023 00:45:17	03/13/2023 00:45:26	0	0	0	Lightning	Lightning,Observed striking line or equipment	Other	0	0
99254	DEF	DEF North	CARRABELLE (CRBL) - GUMBAY (GMBY) 69KV LINE	03/12/2023 21:55:33	03/12/2023 21:55:45	0	0	0	Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
99234	DEF	DEF Central	LAKE PLACID SOLAR (LKPS) - LAKE PLACID NORTH (LKPN) 69KV LINE	03/12/2023 05:48:27	03/12/2023 09:49:33	241	0	0	Unknown	Under Investigation (Unknown)	Other	0	0
99236	DEF	DEF Central	LAKE PLACID SOLAR (LKPS) BK1	03/12/2023 05:48:27	03/12/2023 10:04:18	255	0	0	Weather/Environment	Under Investigation (Weather?)	Microwave Channel	0	0
99232	DEF	DEF Central	LAKE PLACID SOLAR (LKPS) GENERATOR	03/12/2023 05:48:27	03/12/2023 10:06:22	257	0	0	Weather/Environment	Under Investigation (Weather?)	Microwave Channel	0	0
99210	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	03/11/2023 07:00:00	03/11/2023 08:02:34	62	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99212	DEF	DEF Central	NORTH BARTOW (NBTW) - (TECO) SOUTH ELOISE (SOEL) 230KV LINE	03/11/2023 01:01:00	03/13/2023 18:26:14	3925	0	0	Customer / Other Util Equip Problems	Unknown Other Util / Customer's Equip	Other Utility Request	0	0
99214	DEF	DEF Central	NORTH BARTOW (NBTW) - (TECO) SOUTH ELOISE (SOEL) 230KV LINE	03/10/2023 19:57:50	03/10/2023 19:57:55	0	0	0	Customer / Other Util Equip Problems	Unknown Other Util / Customer's Equip	Other	0	0
99216	DEF	DEF Coastal	KENNETH CITY (KENN) BK2	03/10/2023 17:52:45	03/10/2023 19:13:31	80	3618	3,618	Animal	Bird Nest	Bird Nest	63,492	63,492
99218	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	03/10/2023 17:21:41	03/10/2023 18:10:46	49	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99220	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	03/10/2023 17:17:04	03/10/2023 22:11:45	294	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99222	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	03/10/2023 16:22:11	03/10/2023 17:16:24	54	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99226	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	03/10/2023 15:43:12	03/10/2023 16:37:38	54	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99202	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	03/09/2023 20:53:10	03/09/2023 21:25:30	32	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99204	DEF	DEF Central	FORT GREEN 4 (FGN4) - F4MX MOSAIC FEEDER 25KV (F4MX LINE)	03/09/2023 18:27:30	03/10/2023 08:49:33	862	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99188	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K739 MOSAIC FEEDER 25KV (K739MX LINE)	03/08/2023 02:17:08	03/08/2023 02:17:12	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
99190	DEF	DEF Central	BARCOLA (BARC) - FORT MEADE (FTMD) 69KV LINE	03/07/2023 15:33:58	03/08/2023 18:25:49	1611	0	0	Line Equipment	Structure (Wood)	Structure (Wood)	0	0
99182	DEF	DEF Central	LAKE PLACID SOLAR (LKPS) - LAKE PLACID NORTH (LKPN) 69KV LINE	03/07/2023 05:23:38	03/07/2023 10:20:07	296	0	0	Weather/Environment	Under Investigation (Weather?)	Microwave Channel	0	0
104166	DEF	DEF Coastal	KENNETH CITY	03/06/2023 17:28:17	03/07/2023 01:37:19	489	1	1	Animal	Bird Nest	Bird Nest	489	489
99170	DEF	DEF North	EUSTIS SOUTH (EUSS) - TAVARES (TVRS) 69KV LINE	03/05/2023 18:51:34	03/05/2023 18:51:54	0	0	0	Weather/Environment	Under Investigation (Weather?)	Other	0	0
99158	DEF	DEF Central	PARKER BRANCH (PKBR) - PBMX1 MOSAIC FEEDER 69KV (PBMX1 LINE)	03/04/2023 17:48:12	03/04/2023 18:50:02	61	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0

99152	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	03/04/2023 08:33:51	03/04/2023 11:31:00	177	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
99026	DEF	DEF North	CRYSTAL RIVER (CRPL) BK10	03/02/2023 07:18:10	03/02/2023 17:31:00	612	0	0	Bus Equipment	Insulator (Bus)	Insulator (Bus)	0	0
99028	DEF	DEF North	CRYSTAL RIVER (CRPL) BK11	03/02/2023 07:18:10	03/02/2023 17:31:00	612	57	57	Bus Equipment	Insulator (Bus)	Insulator (Bus)	7,168	7,168
99032	DEF	DEF Central	LAKE OF THE HILLS	03/01/2023 07:28:37	03/01/2023 13:50:20	381	2301	2,301	Animal	Squirrel	Insulator (Bus)	41,234	41,234
99010	DEF	DEF North	CRYSTAL RIVER (CRPL) 230KV BUS B24	03/01/2023 03:46:27	03/01/2023 17:39:45	833	80	80	Bus Equipment	Insulator (Bus)	Insulator (Bus)	55,496	55,496
99012	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	03/01/2023 01:28:20	03/01/2023 02:26:12	57	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98950	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K737 MOSAIC FEEDER 25KV (K737MX LINE)	02/27/2023 04:47:32	02/27/2023 10:24:32	337	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98952	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	02/26/2023 17:59:48	02/26/2023 19:20:39	80	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98954	DEF	DEF North	CENTRAL FLORIDA (CFLA) - HAINES CREEK (HNCK) 230KV LINE	02/26/2023 10:28:24	02/26/2023 10:28:30	0	0	0	Unknown	Unknown, after Patrol	Other	0	0
99004	DEF	DEF Central	DRY PRAIRIE (DRPR) - DPMX2 MOSAIC FEEDER 69KV (DPMX2 LINE)	02/26/2023 05:02:19	02/26/2023 05:06:41	4	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98938	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	02/24/2023 07:09:10	02/24/2023 07:57:00	47	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98896	DEF	DEF Central	NORTH BARTOW (NBTW) - (TECO) SOUTH ELOISE (SOEL) 230KV LINE	02/22/2023 09:08:57	02/22/2023 09:14:01	5	0	0	Unknown	Unknown	No Reclose by Design or Policy	0	0
98898	DEF	DEF North	OKAHUMPKA (OKHP) 13KV BUS 1	02/22/2023 09:04:05	02/22/2023 09:04:35	0	0	0	Unknown	Under Investigation (Unknown)	Other	0	0
98890	DEF	DEF Central	FOUR CORNERS	02/21/2023 13:13:21	02/21/2023 14:36:21	83	2547	2,547	Vandalism	Sabotage	Sabotage	198,921	198,921
98886	DEF	DEF Coastal	CITRUS COMBINED CYCLE (CITR) - BROOKRIDGE (BKRK) 500KV LINE	02/20/2023 09:46:10	02/20/2023 10:33:54	47	0	0	Human Error	Maintenance Personnel (Power Delivery)	Maintenance Personnel (Power Delivery)	0	0
98912	DEF	DEC Central	HORSE CREEK	02/20/2023 04:16:00	02/20/2023 08:08:35	232	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
98942	DEF	DEF Central	HORSE CREEK (HORS) - HORSE CREEK 2 (HOR2) 69KV LINE	02/20/2023 04:16:00	02/20/2023 08:07:00	231	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Customer's Line Equipment (Non-Duke)	0	0
98858	DEF	DEF Central	CABBAGE ISLAND (CABI) - POINCIANA (POIN) 69KV LINE	02/17/2023 07:09:06	02/17/2023 07:09:10	0	0	0	Unknown	Unknown	Other	0	0
98864	DEF	DEF Coastal	40TH STREET (ST40) - 51ST STREET (ST51) 230KV LINE	02/17/2023 05:48:44	02/17/2023 05:48:51	0	0	0	Line Equipment	Insulator (Line, Porcelain)	Other	0	0
98860	DEF	DEF Coastal	51ST STREET (ST51) - PASADENA (PASA) 230KV LINE	02/17/2023 04:35:44	04/23/2023 08:05:07	93809	0	0	Line Equipment	Insulator (Line, Porcelain)	Insulator (Line, Porcelain)	0	0
98850	DEF	DEF Coastal	51ST STREET (ST51) - PASADENA (PASA) 230KV LINE	02/17/2023 04:34:06	02/17/2023 04:34:10	0	0	0	Line Equipment	Insulator (Line, Porcelain)	Other	0	0
98852	DEF	DEF Coastal	51ST STREET (ST51) - PASADENA (PASA) 230KV LINE	02/17/2023 04:14:14	02/17/2023 04:14:21	0	0	0	Line Equipment	Insulator (Line, Porcelain)	Other	0	0
98854	DEF	DEF Coastal	40TH STREET (ST40) - 51ST STREET (ST51) 230KV LINE	02/17/2023 04:04:46	02/17/2023 04:04:58	0	0	0	Line Equipment	Insulator (Line, Porcelain)	Other	0	0
98868	DEF	DEF Coastal	51ST STREET (ST51) - PASADENA (PASA) 230KV LINE	02/17/2023 04:04:46	02/17/2023 04:04:52	0	0	0	Line Equipment	Insulator (Line, Porcelain)	Other	0	0
100344	DEF	DEF Central	EUSTIS	02/16/2023 16:57:14	02/16/2023 17:47:00	49	9	9	Miscellaneous	Distribution System Equipment	Operating Mechanism	432	432
98834	DEF	DEF Central	LAKE EMMA (LEMM) 13KV BUS 1	02/15/2023 18:02:11	02/15/2023 19:07:14	65	3839	3,839	Animal	Squirrel	Squirrel	264,891	264,891
98844	DEF	DEF North	CENTRAL FLORIDA*	02/14/2023 10:17:39	02/14/2023 14:09:57	232	0	0	Breaker Equipment	Insulating/Interrupting Medium	Insulating/Interrupti ng Medium	0	0
98808	DEF	DEF Coastal	CENTRAL PLAZA (CPLZ) - MAXIMO (MXMO) 115KV LINE	02/12/2023 12:20:40	02/12/2023 12:20:41	0	0	0	Unknown	Unknown, after Patrol	Other	0	0



98794	DEF	DEF North	BROOKRIDGE (BKRG) - TWIN COUNTY RANCH (TWCO) 115KV LINE	02/12/2023 07:00:37	02/12/2023 13:43:00	402	0	1,245	Line Equipment	Insulator (Line, Porcelain)	Insulator (Line, Porcelain)	0	73,604	
98796	DEF	DEF Central	APOPKA SOUTH (APOP) - WOODSMERE (WOOD) 69KV LINE	02/12/2023 04:02:06	02/12/2023 07:38:35	216	0	0	Unknown	Unknown, after Patrol	Unknown, after Patrol	0	0	
98792	DEF	DEF Central	BARCOLA (BARC) - (LAK) WEST (WEST) 230KV LINE	02/12/2023 02:18:22	02/12/2023 05:28:37	190	0	0	Unknown	Unknown, after Patrol	No Reclose by Design or Policy	0	0	
98772	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	02/11/2023 07:40:49	02/11/2023 08:41:00	60	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98774	DEF	DEF Central	DRY PRAIRIE (DRPR) - DPMX3 MOSAIC FEEDER 69KV (DPMX3 LINE)	02/11/2023 07:15:11	02/11/2023 07:23:00	7	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98776	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	02/11/2023 04:22:37	02/11/2023 07:54:00	211	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98780	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	02/10/2023 20:51:19	02/10/2023 22:48:24	117	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98770	DEF	DEF Central	HINES (HINE) CT3B	02/10/2023 11:55:23	02/10/2023 11:55:23	0	0	0	Generating Unit	Aux Equipment (Generator)	Aux Equipment (Generator)	0	0	
98768	DEF	DEF Central	PARKER BRANCH (PKBR) - PBMX1 MOSAIC FEEDER 69KV (PBMX1 LINE)	02/10/2023 08:09:00	02/10/2023 08:36:00	27	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98724	DEF	DEF Central	LAKE EMMA	02/09/2023 07:07:37	02/09/2023 07:07:45	0	0	0	Miscellaneous	Under Investigation (Misc?)	Other	0	0	
98716	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	02/08/2023 18:26:26	02/08/2023 19:32:26	66	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98712	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX LINE)	02/07/2023 18:37:46	02/07/2023 18:37:54	0	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
98696	DEF	DEF Coastal	MAXIMO (MXMO) BK1	02/07/2023 09:34:50	02/07/2023 11:53:58	139	0	0	Animal	Bird	Bird	0	0	
98640	DEF	DEF Central	FORT GREEN 4 (FGN4) MOSAIC FEEDER (F4MX)	02/06/2023 14:06:47	02/14/2023 14:14:49	11528	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Customer Request	0	0
98638	DEF	DEF Central	FORT GREEN SPRINGS (FGNS) - VANDOLAH (VAND) 69KV CIRCUIT 1	02/06/2023 13:20:33	02/06/2023 14:06:47	46	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Equipment (Non-Duke)	0	0
100340	DEF	DEF Central	WINTER PARK EAST	02/06/2023 08:19:35	02/06/2023 08:27:33	7	0	0	O&M (Planned or Scheduled)	Operating Switching	No Reclose by Design or Policy	0	0	
98622	DEF	DEF Central	DESOTO CITY (DSOC) - PHILLIPS (PHIL) - DINNER LAKE (DNRL) 69KV LINE	02/06/2023 00:19:55	02/06/2023 00:20:05	0	0	0	Unknown	Unknown	Other	0	0	
98624	DEF	DEF Central	FORT GREEN SPRINGS (FGNS) - VANDOLAH (VAND) 69KV CIRCUIT 2	02/04/2023 16:52:30	02/04/2023 16:52:40	0	0	0	Unknown	Unknown, after Patrol	Other	0	0	
98700	DEF	DEF Central	FORT GREEN 4 (FGN4) - F4MX MOSAIC FEEDER 25KV (F4MX LINE)	02/03/2023 11:36:00	02/06/2023 11:54:00	4338	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98610	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	02/03/2023 04:42:11	02/03/2023 05:54:28	72	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98612	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K737 MOSAIC FEEDER 25KV (K737MX LINE)	02/03/2023 03:11:58	02/03/2023 07:39:26	267	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98608	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	02/02/2023 13:18:48	02/02/2023 14:11:17	52	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98600	DEF	DEF North	DRIFTON (DFTN) - HANSON (HNSN) 115KV LINE	02/01/2023 22:23:18	02/01/2023 22:24:35	1	0	6,608	Human Error	Duke Switching Error	Duke Switching Error	0	8,392	
98586	DEF	DEF North	QUINCY (QNCY) - CITY OF QUINCY (QCYS) 69KV QB LINE	02/01/2023 14:10:52	02/01/2023 14:11:32	0	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	Other	0	0
98570	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	01/31/2023 07:43:55	01/31/2023 09:41:42	117	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98572	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	01/31/2023 06:51:27	01/31/2023 07:25:50	34	0	0	Equip Problems	Customer / Other Util	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0

98574	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	01/30/2023 22:26:35	01/30/2023 22:47:52	21	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98558	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	01/30/2023 05:15:02	01/30/2023 10:20:46	305	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98576	DEF	DEF Central	FORT GREEN 4 (FGN4) MOSAIC FEEDER (F4MX)	01/29/2023 15:34:00	01/30/2023 11:32:49	1198	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98560	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	01/29/2023 06:32:20	01/29/2023 07:20:03	47	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98520	DEF	DEF Central	ALTAMONTE (ALMT) 13KV BUS 1	01/25/2023 22:47:49	01/25/2023 22:47:50	0	0	0	Miscellaneous	Distribution System Equipment	Other	0	0
98522	DEF	DEF Central	DEBARY (DBRY) - (FPL) SANFORD (SANF) 230KV LINE	01/25/2023 21:05:58	01/26/2023 17:47:51	1241	0	0	Relay and Control Systems	Voltage Transformer Failure (PT, CCPD, CCVT, etc.)	Work on Damaged Equipment	0	0
98514	DEF	DEF Coastal	LARGO (LRGO) - SEMINOLE (SMNL) 230KV LINE	01/25/2023 13:05:42	01/26/2023 09:59:59	1254	0	0	Line Equipment	Insulator (Line, Porcelain)	Insulator (Line, Porcelain)	0	0
98528	DEF	DEF Coastal	LARGO*	01/25/2023 13:05:42	01/26/2023 09:59:59	1254	1360	1,360	Line Equipment	Insulator (Line, Porcelain)	Insulator (Line, Porcelain)	233,996	233,996
98500	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER 25KV (N364 LINE)	01/24/2023 16:05:20	01/24/2023 16:52:50	47	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98486	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	01/23/2023 05:59:14	01/23/2023 05:59:22	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
98484	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - N494 NUTRIEN FEEDER 25KV (N494 LINE)	01/22/2023 19:56:37	01/22/2023 20:27:03	30	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98480	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	01/22/2023 14:14:05	01/22/2023 17:03:56	169	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98482	DEF	DEF Coastal	SEVEN SPRINGS (SEVS) - TARPON SPRINGS (TPNS) 115KV WEST CIRCUIT	01/22/2023 12:45:11	01/25/2023 08:45:42	4080	0	0	Line Equipment	Insulator (Line, Porcelain)	Insulator (Line, Porcelain)	0	0
98526	DEF	DEF Coastal	TARPON SPRINGS*	01/22/2023 12:45:11			272	272	Line Equipment	Insulator (Line, Porcelain)	Insulator (Line, Porcelain)	69,988	69,988
98440	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	01/17/2023 20:42:57	01/17/2023 21:17:26	34	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98432	DEF	DEF North	OCCIDENTAL METERING (OXYM) - OCCIDENTAL 3 (OC3L) 115KV LINE	01/16/2023 21:46:54	01/16/2023 21:46:58	0	0	0	Unknown	Under Investigation (Unknown)	Other	0	0
98404	DEF	DEF Central	MEADOW WOODS SOUTH (MDWS) - (OUC) TAFT (OTFT) 230KV LINE	01/14/2023 10:48:55	01/14/2023 15:55:17	306	0	0	Customer / Other Util Equip Problems	Customer's Substation Equipment (Non-Duke)	Customer's Line Equipment (Non- Duke)	0	0
98402	DEF	DEF Central	HOLOPAW (HOLO) - (CITY OF ST CLOUD) EAST (STCE) 230KV LINE	01/13/2023 22:44:28	01/13/2023 22:44:34	0	0	0	Unknown	Unknown	Other	0	0
98396	DEF	DEF Central	WINTER SPRINGS (WISP) BK3	01/13/2023 08:47:15	01/13/2023 08:47:33	0	0	0	Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Other	0	0
98398	DEF	DEF Central	VANDOLAH (VAND) - (PRECO) MURPHY ROAD (MRF1) 69KV VHC LINE	01/13/2023 08:44:42	01/13/2023 08:44:45	0	0	0	Weather/Environment	Under Investigation (Weather?)	Other	0	0
98378	DEF	DEF Central	LAKEWOOD (LKWD) BK2	01/12/2023 13:51:20	01/20/2023 16:05:51	11654	4492	4,492	Transformer Equipment	Bushing (Transformer)	Bushing (Transformer)	99,765	99,765
98372	DEF	DEF North	SANDY CREEK SOLAR (SCSO) BK1	01/12/2023 02:23:53	01/12/2023 02:23:54	0	0	0	Generating Unit	Generator	Generator	0	0
98346	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	01/09/2023 15:40:11	01/09/2023 15:40:24	0	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
98348	DEF	DEF Coastal	40TH STREET (ST40) 115KV BUS 1	01/09/2023 10:33:55	01/09/2023 11:17:30	43	0	0	Unknown	Under Investigation (Unknown)	Under Investigation (Breaker)	0	0
98336	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	01/08/2023 15:53:24	01/08/2023 16:33:02	39	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0

98338	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	01/08/2023 09:34:52	01/08/2023 10:03:59	29	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98298	DEF	DEF Central	DELAND (DELD) - DELTONA (DTNA) 69KV LINE	01/04/2023 17:23:23	01/04/2023 17:23:36	0	0	0 Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
98300	DEF	DEF North	CRYSTAL RIVER (CRPL) - CRYSTAL RIVER (CRPL) RAT TRANSFORMERS 230KV LINE	01/04/2023 16:23:36	01/04/2023 16:23:36	0	0	0 Generating Unit	Aux Equipment (Generator)	Aux Equipment (Generator)	0	0
98294	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	01/04/2023 14:36:27	01/04/2023 15:13:13	36	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98288	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	01/04/2023 13:45:40	01/04/2023 14:24:43	39	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98290	DEF	DEF North	JASPER SOUTH (JASS) - JENNINGS (JNNG) 69KV LINE	01/04/2023 13:27:12	01/04/2023 13:27:16	0	0	0 Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
98280	DEF		OCCIDENTAL 1 (OC1L) - N355 NUTRIEN FEEDER 25KV (N355 LINE)	01/04/2023 13:08:48	01/04/2023 17:26:44	257	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98282	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	01/04/2023 13:01:52	01/04/2023 15:28:40	146	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98284	DEF	DEF Central	FORT MEADE (FTMD) - SAND MOUNTAIN (SMTN) 69KV LINE	01/04/2023 11:53:33	01/04/2023 19:32:01	458	0	0 Line Equipment	Structure (Wood)	Structure (Wood)	0	0
98266	DEF	DEF North	LADYBUG SWITCHING STATION (LDBG) - PORT ST. JOE (PSJO) 230KV LINE	01/04/2023 09:14:10	01/04/2023 09:14:19	0	0	0 Lightning	Lightning,Correlated in lightning detection systm)	Other	0	0
98226	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	01/03/2023 08:35:45	01/03/2023 09:41:20	65	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98220	DEF	DEF Central	SOUTH FORT MEADE (SFMD) - K748 MOSAIC FEEDER 25KV (K748MX LINE)	01/02/2023 04:13:15	01/02/2023 04:13:21	0	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
98178	DEF	DEF Central	PEACOCK (PCOK) - 5584 MOSAIC FEEDER 69KV (PCMX LINE)	01/01/2023 17:25:10	01/01/2023 18:56:57	91	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98180	DEF	DEF Central	FORT GREEN 10 (FG10) - F10MX MOSAIC FEEDER 25KV (F10MX LINE)	01/01/2023 15:16:48	01/01/2023 15:53:37	36	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
98190	DEF	DEF Central	FOUR CORNERS	01/01/2023 14:47:31	01/01/2023 19:04:14	256	3641	3,641 Vandalism	Sabotage	Sabotage	334,692	334,692
98182	DEF	DEF North	OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER 25KV (N363 LINE)	01/01/2023 02:32:03	01/01/2023 08:23:52	351	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0



# ATTACHMENT B

OUTAGE ID	COMPANY	SECTION	LOCATION	OUTAGE START TIME	CIRCUIT RESTORATION TIME	OUTAGE MINUTES	RETAIL CUSTOMER	GRID CUSTOMER	INITIATING CAUSE CATEGORY	INITIATING CAUSE	SUSTAINED CAUSE	RETAIL CMI	GRID CMI
100196	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	04/27/2023 15:30:49	04/27/2023 22:07:25	396	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100202	DEF	DEF Central	CABBAGE ISLAND (CABI) - INTERCESSION CITY (ICTY) 69KV	04/27/2023 22:22:00	04/28/2023 01:06:16	164	0	0	Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Unknown, after Patrol	0	0
100204	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	04/27/2023 22:11:53	04/28/2023 04:38:20	386	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100206	DEF	DEF North	LEESBURG (LEBG) - OKAHUMPKA (OKHP) 69KV LINE	04/27/2023 21:46:51	04/28/2023 02:44:00	297	0	0	Line Equipment	Physical Connection (LineConnectors,Clamps,	Physical Connection (LineConnectors,Clamps,	0	0
100208	DEF	DEF Coastal	BROOKRIDGE (BKRK) - BROOKSVILLE WEST (BKVW) 115KV	04/27/2023 21:03:27	04/27/2023 21:03:28	0	0	0	Weather/Environment	Rain (Includes Fog,Mist,Drizzle)	Other	0	0
100210	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	04/27/2023 20:00:40	04/27/2023 22:07:25	126	0	0	Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	No Reclose by Design or Policy	0	0
100538	DEF	DEF Coastal	CRYSTAL RIVER SOUTH (CRSO) - TWIN COUNTY RANCH (TWCO)	05/12/2023 20:48:30	05/12/2023 20:49:30	1	0	0	Lightning	Lightning,Correlated in lightning detection system)	No Reclose by Design or Policy	0	0
100796	DEF	DEF Coastal	BROOKRIDGE (BKRK) - TWIN COUNTY RANCH (TWCO) 115KV	05/24/2023 13:53:04	05/24/2023 13:54:32	1	0	11,124	Lightning	Lightning,Correlated in lightning detection system)	Lightning,Correlated in lightning detection system)	0	22,248
101020	DEF	DEF Central	HINES (HINE) - HINES PB1 (HINE) 230KV LINE	06/04/2023 19:41:32	06/04/2023 19:41:33	0	0	0	Weather/Environment	Lightning Suspected, yet not correlated	Other	0	0
101540	DEF	DEF Central	HINES (HINE) - HINES AUX1 (HINE) 230KV LINE	06/21/2023 17:20:19	06/23/2023 15:52:31	2792	0	0	Transformer Equipment	Other Aux Equipment (Controls, alarms, etc.)	Aux Equipment (Generator)	0	0
102342	DEF	DEF Central	EAST LAKE WALES (ELWL) - (PRECO) INDIAN LAKES ESTATES	07/10/2023 16:45:15	07/10/2023 16:51:32	6	0	4,511	Public Interference	Vehicle	Customer's Line Equipment (Non-Duke)	0	35,879
102648	DEF	DEF Coastal	ZEPHYRHILLS NORTH (ZPHN) - (TECO) DADE CITY (DADE) 69KV	07/21/2023 22:16:28	07/22/2023 09:44:00	687	0	1,508	Customer / Other Util Equip Problems	Customer's Substation Equipment (Non-Duke)	Customer's Substation Equipment (Non-Duke)	0	148,493
103884	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	08/30/2023 00:04:42	09/03/2023 14:39:00	6634	0	0	Weather/Environment	Hurricane	Customer's Line Equipment (Non-Duke)	0	0
103886	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	08/30/2023 05:37:22	09/07/2023 20:14:15	12396	0	0	Weather/Environment	Hurricane	Customer's Line Equipment (Non-Duke)	0	0
103888	DEF		CRAWFORDVILLE (CRAW) - ST. MARKS EAST (STME) 69KV CS LINE	08/30/2023 06:21:04	08/30/2023 12:10:51	349	0	0	Weather/Environment	Hurricane	Other	0	0
103890	DEF	DEF North	DRIFTON (DFTN) - PERRY (PRRY) 115KV DP2 LINE	08/30/2023 06:39:19	08/30/2023 06:39:25	0	0	0	Weather/Environment	Hurricane	Other	0	0
103894	DEF		DRIFTON (DFTN) - WAUKEENAH (WKNA) 115KV DWH FEEDER	08/30/2023 06:59:57	08/31/2023 17:20:15	2060	0	0	Weather/Environment	Hurricane	Other	0	0
103896	DEF		DRIFTON (DFTN) - PERRY (PRRY) 69KV DP LINE	08/30/2023 06:57:10	09/02/2023 09:43:40	4486	0	0	Weather/Environment	Hurricane	Other	0	0
103898	DEF		DRIFTON (DFTN) - PERRY (PRRY) 115KV DP2 LINE	08/30/2023 06:57:10	09/02/2023 08:56:01	4438	0	0	Weather/Environment	Hurricane	Other	0	0
103900	DEF		CROSS CITY (XCTY) - OLD TOWN NORTH (OTNN) 69KV LINE	08/30/2023 07:18:33	09/01/2023 20:42:33	3684	0	0	Weather/Environment	Hurricane	Other	0	0
103902	DEF		OCCIDENTAL SWIFT CREEK 2 (OSC2) - N363 NUTRIEN FEEDER	08/30/2023 07:17:37	09/02/2023 19:19:54	5042	0	0	Weather/Environment	Hurricane	Other	0	0
103904	DEF	DEF North	GEORGIA PACIFIC (GAPC) - (CFEC) COUNTRY CLUB (CCL5) 69KV LINE	08/30/2023 07:13:40	08/30/2023 07:13:45	0	0	0	Weather/Environment	Hurricane	Other	0	0

103906	DEF	DEF North	CROSS CITY (XCTY) - (TRICO) STEINHATCHEE (STN7) 69KV LINE	08/30/2023 07:11:39	08/30/2023 07:11:45	0	0	0	Weather/Environment	Hurricane	Other	0	0
103908	DEF	DEF Coastal	BRONSON (BRSN) - CHIEFLAND (CHIF) 69KV BC LINE	08/30/2023 07:26:52	08/30/2023 07:26:58	0	0	0	Weather/Environment	Hurricane	Other	0	0
103910	DEF		QUINCY (QNCY) - CITY OF QUINCY (QCYS) 69KV QB LINE	08/30/2023 07:33:53	08/30/2023 07:47:02	13	0	0	Weather/Environment	Hurricane	Other	0	0
103912	DEF	DEF Coastal	BRONSON (BRSN) - CHIEFLAND (CHIF) 69KV BC LINE	08/30/2023 07:29:32	08/30/2023 07:29:38	0	0	0	Weather/Environment	Hurricane	Other	0	0
103914	DEF		PERRY (PRRY) - (TRICO) PERRY (PRY7) 69KV PC LINE	08/30/2023 07:53:14	08/31/2023 18:34:56	2081	0	0	Weather/Environment	Hurricane	Other	0	0
103916	DEF	DEF North	GEORGIA PACIFIC (GAPC) - (CFEC) COUNTRY CLUB (CCL5) 69KV LINE	08/30/2023 07:54:01	08/30/2023 07:54:07	0	0	0	Weather/Environment	Hurricane	Other	0	0
103918	DEF	DEF North	HICKORY SWITCHING STATION (HICK) - PERRY (PRRY) 69KV LINE	08/30/2023 08:07:12	08/30/2023 08:07:22	0	0	0	Weather/Environment	Hurricane	Other	0	0
103920	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - SUWANNEE TRANSMISSION (SWTR) 115KV LINE	08/30/2023 08:14:27	08/30/2023 08:14:36	0	0	0	Weather/Environment	Hurricane	Other	0	0
103922	DEF	DEF North	HICKORY SWITCHING STATION (HICK) - PERRY (PRRY) 69KV LINE	08/30/2023 08:12:38	08/30/2023 08:12:46	0	0	0	Weather/Environment	Hurricane	Other	0	0
103924	DEF	DEF North	MADISON (MDSN) - SUWANNEE TRANSMISSION (SWTR) 115KV LINE	08/30/2023 08:11:32	08/30/2023 08:11:40	0	0	0	Weather/Environment	Hurricane	Other	0	0
103926	DEF		FORT WHITE (FWHT) - JASPER SOUTH (JASS) 69KV LINE	08/30/2023 08:15:29	09/03/2023 15:05:39	6170	0	0	Weather/Environment	Hurricane	Other	0	0
103928	DEF		HICKORY SWITCHING STATION (HICK) - PERRY (PRRY) 69KV LINE	08/30/2023 08:14:54	08/31/2023 15:26:51	1871	0	0	Weather/Environment	Hurricane	Other	0	0
103930	DEF	DEF North	COLUMBIA SWITCHING STATION (CLMB) - HIGH SPRINGS (HISP)	08/30/2023 08:19:26	08/30/2023 08:19:32	0	0	0	Weather/Environment	Hurricane	Other	0	0
103932	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - SUWANNEE TRANSMISSION (SWTR) 115KV LINE	08/30/2023 08:22:45	08/30/2023 08:22:55	0	0	0	Weather/Environment	Hurricane	Other	0	0
103934	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - SUWANNEE TRANSMISSION (SWTR) 115KV LINE	08/30/2023 08:29:11	08/30/2023 08:29:20	0	0	0	Weather/Environment	Hurricane	Other	0	0
103936	DEF		DRIFTON (DFTN) - HANSON (HNSN) 115KV LINE	08/30/2023 08:29:16	09/03/2023 13:07:51	6038	0	0	Weather/Environment	Hurricane	Other	0	0
103938	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - OCCIDENTAL METERING	08/30/2023 08:29:11	08/30/2023 08:29:20	0	0	0	Weather/Environment	Hurricane	Other	0	0
103940	DEF		SUWANNEE TRANSMISSION (SWTR) - (FPL) HOGAN (HOGN)	08/30/2023 08:36:02	08/31/2023 18:37:43	2041	0	0	Weather/Environment	Hurricane	Other	0	0
103942	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/30/2023 08:35:46	08/30/2023 08:35:51	0	0	0	Weather/Environment	Hurricane	Other	0	0
103944	DEF	DEF North	GEORGIA PACIFIC (GAPC) - (CFEC) COUNTRY CLUB (CCL5) 69KV LINE	08/30/2023 08:35:41	08/30/2023 08:35:45	0	0	0	Weather/Environment	Hurricane	Other	0	0
103946	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/30/2023 08:24:55	08/30/2023 08:24:57	0	0	0	Weather/Environment	Hurricane	Other	0	0

103948	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/30/2023 08:22:45	08/30/2023 08:22:47	0	0	0	Weather/Environment	Hurricane	Other	0	0
103950	DEF		HAMILTON SWITCHING STATION (HMLT) - SUWANEE TRANSMISSION (SWTR) 115KV	08/30/2023 08:43:28	09/02/2023 12:46:18	4562	0	0	Weather/Environment	Hurricane	Other	0	0
103952	DEF		COLUMBIA SWITCHING STATION (CLMB) - HIGH SPRINGS (HISP)	08/30/2023 08:48:24	09/02/2023 07:40:18	4251	0	0	Weather/Environment	Hurricane	Other	0	0
103954	DEF		BRADFORDVILLE WEST (BRDW) - DRIFTON (DFTN) 115KV LINE	08/30/2023 08:49:42	08/31/2023 00:28:22	938	0	0	Weather/Environment	Hurricane	Other	0	0
103956	DEF		PERRY (PRRY) - SUWANEE TRANSMISSION (SWTR) 230KV SPP	08/30/2023 08:49:27	09/03/2023 11:23:00	5913	0	0	Weather/Environment	Hurricane	Other	0	0
103958	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/30/2023 08:52:57	08/30/2023 08:52:59	0	0	0	Weather/Environment	Hurricane	Other	0	0
103960	DEF	DEF North	BRONSON (BRSN) - CHIEFLAND (CHIF) 69KV BC LINE	08/30/2023 08:51:05	08/30/2023 16:18:21	447	0	0	Weather/Environment	Hurricane	Other	0	0
103962	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - SUWANEE TRANSMISSION (SWTR) 115KV LINE	08/30/2023 09:02:17	08/30/2023 09:02:21	0	0	0	Weather/Environment	Hurricane	Other	0	0
103964	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/30/2023 09:00:49	08/30/2023 09:00:51	0	0	0	Weather/Environment	Hurricane	Other	0	0
103966	DEF	DEF North	MADISON (MDSN) - SUWANEE TRANSMISSION (SWTR) 115KV LINE	08/30/2023 08:59:49	08/30/2023 08:59:59	0	0	0	Weather/Environment	Hurricane	Other	0	0
103968	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/30/2023 08:59:05	08/30/2023 08:59:07	0	0	0	Weather/Environment	Hurricane	Other	0	0
103970	DEF		OCCIDENTAL SWIFT CREEK 2 (OSC2) - N364 NUTRIEN FEEDER	08/30/2023 08:58:16	09/02/2023 12:30:41	4532	0	0	Weather/Environment	Hurricane	Other	0	0
103972	DEF	DEF North	MADISON (MDSN) - SUWANEE TRANSMISSION (SWTR) 115KV LINE	08/30/2023 08:56:01	08/30/2023 08:56:13	0	0	0	Weather/Environment	Hurricane	Other	0	0
103974	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/30/2023 09:04:53	08/30/2023 09:04:55	0	0	0	Weather/Environment	Hurricane	Other	0	0
103976	DEF		MADISON (MDSN) - SUWANEE TRANSMISSION (SWTR) 115KV LINE	08/30/2023 09:06:04	09/02/2023 17:07:00	4800	0	0	Weather/Environment	Hurricane	Other	0	0
103978	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - OCCIDENTAL METERING	08/30/2023 09:07:23	08/30/2023 09:07:29	0	0	0	Weather/Environment	Hurricane	Other	0	0
103980	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - SUWANEE TRANSMISSION (SWTR) 115KV LINE	08/30/2023 09:07:23	08/30/2023 09:07:29	0	0	0	Weather/Environment	Hurricane	Other	0	0
103982	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - OCCIDENTAL METERING	08/30/2023 09:09:39	08/30/2023 09:09:47	0	0	0	Weather/Environment	Hurricane	Other	0	0
103984	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - SUWANEE TRANSMISSION (SWTR) 115KV LINE	08/30/2023 09:09:39	08/30/2023 09:09:52	0	0	0	Weather/Environment	Hurricane	Other	0	0
103986	DEF		SUWANEE TRANSMISSION (SWTR) - SUWANEE DISTRIBUTION (SWDI) 115KV LINE	08/30/2023 09:12:48	08/31/2023 15:18:05	1805	0	0	Weather/Environment	Hurricane	Other	0	0

103988	DEF		OCCIDENTAL SWIFT CREEK 1 (OSC1) - SUWANNEE TRANSMISSION (SWTR) 115KV LINE	08/30/2023 09:11:15	09/02/2023 18:34:00	4882	0	0	Weather/Environment	Hurricane	Other	0	0
103990	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - SUWANNEE TRANSMISSION (SWTR) 115KV LINE	08/30/2023 09:10:43	08/30/2023 09:10:49	0	0	0	Weather/Environment	Hurricane	Other	0	0
103992	DEF	DEF North	OCCIDENTAL SWIFT CREEK 1 (OSC1) - OCCIDENTAL METERING	08/30/2023 09:10:43	08/30/2023 09:10:49	0	0	0	Weather/Environment	Hurricane	Other	0	0
103994	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/30/2023 09:14:22	08/30/2023 09:14:26	0	0	0	Weather/Environment	Hurricane	Other	0	0
103996	DEF	DEF North	FORT WHITE (FWHT) - JASPER SOUTH (JASS) 115KV EAST CIRCUIT	08/30/2023 09:17:16	08/30/2023 09:17:22	0	0	0	Weather/Environment	Hurricane	Other	0	0
103998	DEF	DEF North	OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	08/30/2023 09:15:54	08/30/2023 09:15:56	0	0	0	Weather/Environment	Hurricane	Other	0	0
104000	DEF	DEF North	FORT WHITE (FWHT) - JASPER SOUTH (JASS) 115KV EAST CIRCUIT	08/30/2023 09:13:54	08/30/2023 09:14:00	0	0	0	Weather/Environment	Hurricane	Other	0	0
104002	DEF		FORT WHITE (FWHT) - JASPER SOUTH (JASS) 115KV EAST CIRCUIT	08/30/2023 09:18:54	09/03/2023 10:19:00	5820	0	0	Weather/Environment	Hurricane	Other	0	0
104004	DEF	DEF North	FORT WHITE (FWHT) - JASPER SOUTH (JASS) 115KV WEST CIRCUIT	08/30/2023 09:18:54	08/30/2023 09:19:05	0	0	0	Weather/Environment	Hurricane	Other	0	0
104006	DEF		JASPER SOUTH (JASS) - OCCIDENTAL SWIFT CREEK 1	08/30/2023 09:25:39	09/01/2023 09:45:07	2899	0	0	Weather/Environment	Hurricane	Other	0	0
104008	DEF		JASPER SOUTH (JASS) - JENNINGS (JNNG) 69KV LINE	08/30/2023 09:21:37	09/03/2023 12:57:42	5976	0	0	Weather/Environment	Hurricane	Other	0	0
104010	DEF		HAMILTON SWITCHING STATION (HMLT) - HANSON (HNSN) 115KV	08/30/2023 09:31:32	09/02/2023 18:06:00	4834	0	0	Weather/Environment	Hurricane	Other	0	0
104012	DEF		SUWANNEE TRANSMISSION (SWTR) - (SOCO) TWIN LAKES	08/30/2023 09:07:28	09/03/2023 16:22:31	6195	0	0	Weather/Environment	Hurricane	Other	0	0
104014	DEF	DEF North	JASPER SOUTH (JASS) - (SOCO) PINE GROVE (PNGV) 115KV LINE	08/30/2023 09:57:17	08/30/2023 09:57:37	0	0	0	Weather/Environment	Hurricane	Other	0	0
104016	DEF		JASPER SOUTH (JASS) - (SOCO) WEST HOMERVILLE (WMHR) 115KV	08/30/2023 09:55:09	09/03/2023 14:34:40	6039	0	0	Weather/Environment	Hurricane	Other	0	0
104018	DEF		HAMILTON SWITCHING STATION (HMLT) - JASPER SOUTH (JASS)	08/30/2023 09:42:08	09/04/2023 11:05:17	7283	0	0	Weather/Environment	Hurricane	Other	0	0
104020	DEF		COLUMBIA SWITCHING STATION (CLMB) - (CEC) FORT WHITE (FWT4)	08/30/2023 09:41:11	08/31/2023 11:53:35	1572	0	0	Weather/Environment	Hurricane	Other	0	0
104022	DEF	DEF North	FORT WHITE (FWHT) - JASPER SOUTH (JASS) 115KV WEST CIRCUIT	08/30/2023 10:02:34	08/30/2023 10:02:42	0	0	0	Weather/Environment	Hurricane	Other	0	0
104024	DEF		FORT WHITE (FWHT) - JASPER SOUTH (JASS) 115KV WEST CIRCUIT	08/30/2023 10:11:26	09/02/2023 14:52:00	4600	0	0	Weather/Environment	Hurricane	Other	0	0
104026	DEF	DEF North	LEESBURG (LEBG) - OKAHUMPKA (OKHP) 69KV LINE	08/30/2023 12:07:21	08/30/2023 12:07:27	0	0	0	Weather/Environment	Hurricane	Other	0	0
104040	DEF		JASPER SOUTH (JASS) - (SOCO) PINE GROVE (PNGV) 115KV LINE	08/30/2023 10:36:19	09/01/2023 08:06:47	2730	0	0	Weather/Environment	Hurricane	Hurricane	0	0
104042	DEF		DRIFTON (DFTN) - MONTICELLO (MCLO) 69KV DB LINE	08/30/2023 08:49:42	08/31/2023 15:04:12	1814	0	0	Weather/Environment	Hurricane	Other	0	0

104044	DEF		OCCIDENTAL METERING (OXYM) - OCCIDENTAL 3 (OC3L) 115KV LINE	08/30/2023 09:25:39	09/02/2023 14:03:00	4597	0	0 Miscellaneous	Interruption From Other Source Station	Other	0	0
104046	DEF		FLORIDA GAS TRANSMISSION (FLGT) - PERRY (PRRY) 230KV LINE	08/30/2023 16:33:27	08/31/2023 17:32:39	1499	0	0 Weather/Environment	Hurricane	Structure (Wood)	0	0
104048	DEF		FLORIDA GAS TRANSMISSION (FLGT) - ST. MARKS EAST (STME)	08/30/2023 16:33:27	08/31/2023 19:36:50	1623	0	0 Weather/Environment	Hurricane	Structure (Wood)	0	0
104058	DEF		HANSON (HNSN) - (TRICO) CHERRY LAKE (CRY7) 115KV LINE	08/30/2023 09:31:32	09/02/2023 17:17:00	4785	0	0 Weather/Environment	Hurricane	Other	0	0
104060	DEF		HANSON (HNSN) - MADISON (MDSN) 115KV LINE	08/30/2023 09:31:32	09/02/2023 17:14:00	4782	0	0 Weather/Environment	Hurricane	Other	0	0
104062	DEF		MONTICELLO (MCLO) - (SOCO) BOSTON (BOST) 69KV DB LINE	08/30/2023 08:49:42	09/03/2023 13:53:00	6063	0	0 Weather/Environment	Hurricane	Other	0	0
104064	DEF		OCCIDENTAL SWIFT CREEK 1 (OSC1) - OCCIDENTAL SWIFT CREEK 2 (OSC2) 115KV LINE	08/30/2023 09:25:39	09/01/2023 11:46:30	3020	0	0 Miscellaneous	Interruption From Other Source Station	Interruption From Other Source Station	0	0
104074	DEF		MONTICELLO (MCLO) - (TRICO) MONTICELLO (MTC7) 69KV DB	08/30/2023 08:49:42	09/01/2023 07:06:00	2776	0	0 Weather/Environment	Hurricane	Other	0	0
104122	DEF		OCCIDENTAL SWIFT CREEK 1 (OSC1) - OCCIDENTAL METERING	08/30/2023 09:25:39	09/02/2023 12:05:46	4480	0	0 Miscellaneous	Interruption From Other Source Station	Other	0	0
104534	DEF	DEF Central	HINES (HINE) - WEST LAKE WALES (WLWL) 230KV HWL2 CIRCUIT 2	09/25/2023 17:57:48	09/26/2023 02:33:00	515	0	0 Line Equipment	Static Wire (OHGW)	Static Wire (OHGW)	0	0
104598	DEF		DEBARY (DBRY) - DEBARY P7 + P8 (DBRY) 230KV DPSB2 LINE	09/29/2023 13:03:12	10/01/2023 16:50:00	3106	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
105566	DEF	DEF North	FORT WHITE (FWHT) - JASPER SOUTH (JASS) 69KV LINE	12/17/2023 00:29:16	12/17/2023 06:39:46	370	0	4,546 Unknown	Unknown, after Patrol	Other	0	59,502
105568	DEF	DEF Central	LAKE BRANCH (LKBR) - K5656 MOSAIC FEEDER 25KV (K5656MX	12/17/2023 06:06:42	12/17/2023 06:06:52	0	0	0 Customer / Other Util Equip Problems	Customer's Line Equipment (Non-Duke)	Other	0	0
105570	DEF		OCCIDENTAL 1 (OC1L) - N362 NUTRIEN FEEDER 25KV (N362 LINE)	12/17/2023 02:10:15	12/17/2023 04:32:12	141	0	0 Unknown	Unknown, after Patrol	Other	0	0
105572	DEF		KELLER ROAD (KLRD) - MAITLAND (MAIT) 69KV LINE	12/17/2023 07:23:33	12/17/2023 21:18:00	834	0	0 Unknown	Unknown, after Patrol	Other	0	0
105574	DEF		KELLER ROAD (KLRD) - MAITLAND (MAIT) 69KV LINE	12/17/2023 07:19:59	12/17/2023 07:20:05	0	0	0 Unknown	Unknown, after Patrol	Other	0	0
105576	DEF		KELLER ROAD (KLRD) - MAITLAND (MAIT) 69KV LINE	12/17/2023 06:41:11	12/17/2023 06:41:17	0	0	0 Unknown	Unknown, after Patrol	Other	0	0
105578	DEF		KELLER ROAD (KLRD) - MAITLAND (MAIT) 69KV LINE	12/17/2023 06:39:47	12/17/2023 06:39:53	0	0	0 Unknown	Unknown, after Patrol	Other	0	0
105580	DEF		KELLER ROAD (KLRD) - SPRING LAKE (SPLK) 69KV LINE	12/17/2023 06:39:47	12/17/2023 06:39:55	0	0	0 Unknown	Unknown, after Patrol	Other	0	0
105582	DEF		MAITLAND (MAIT) BK1	12/17/2023 06:39:47	12/17/2023 06:39:53	0	0	0 Unknown	Unknown, after Patrol	Other	0	0
105588	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	12/17/2023 09:31:35	12/18/2023 08:52:25	1400	0	0 Unknown	Unknown	Other	0	0
105590	DEF		OCCIDENTAL 1 (OC1L) - N353 NUTRIEN FEEDER 25KV (N353 LINE)	12/17/2023 09:31:35	12/18/2023 08:52:25	1400	0	0 Unknown	Unknown	Other	0	0
105592	DEF		OCCIDENTAL 1 (OC1L) - N360 NUTRIEN FEEDER 25KV (N360 LINE)	12/17/2023 08:25:11	12/17/2023 10:41:35	136	0	0 Unknown	Unknown	Other	0	0

105596	DEF	DEF Coastal	PILSBURY (PLSB) BK2 OCCIDENTAL 1 (OC1L) - N360	12/17/2023 11:59:30	12/17/2023 11:59:38	0	0	0 Miscellaneous	Distribution System	Arrestor (Transformer)	0	0
105598	DEF		NUTRIEN FEEDER 25KV (N360 LINE)	12/17/2023 10:54:27	12/18/2023 08:13:18	1278	0	0 Unknown	Unknown	Other	0	0
98460	DEF	DEF Central	INTERCESSION CITY (ICTY) - INTERCESSION CITY P11 + P13	01/19/2023 14:12:29	01/19/2023 14:34:37	22	0	0 Unknown	Unknown	Other	0	0
98516	DEF	DEF Coastal	BAYBORO PEAKERS (BYBP) - BAYBORO SOUTH (BYBS) 115KV	01/25/2023 13:05:42	01/25/2023 17:46:29	280	0	0 Unknown	Under Investigation (Unknown)	Other	0	0
99224	DEF	DEF Central	INTERCESSION CITY (ICTY) - INTERCESSION CITY P11 + P13	03/10/2023 16:06:34	03/10/2023 16:22:11	15	0	0 Generating Unit	Under Investigation (Generating Unit?)	Under Investigation (Generating Unit?)	0	0
99452	DEF	DEF Central	HINES (HINE) - HINES AUX2 (HINE) 230KV LINE	03/28/2023 06:32:26	03/28/2023 12:33:36	361	0	0 Line Equipment	Insulator (Line, Polymer)	Insulator (Line, Polymer)	0	0
99458	DEF	DEF Central	HINES (HINE) - HINES PB2 (HINE)	03/28/2023 06:32:26	03/28/2023 06:32:26	0	0	0 Line Equipment	Insulator (Line, Polymer)	Other	0	0

# ATTACHMENT C & C1





**Summary of Severe Weather Dates**

**2023**

a. Include in the discussion, the type of weather event, strength (wind speeds/surge-flood levels), locations affected, source of meteorological information, and the performance of overhead and underground systems.

Dates	Type of Weather Event	Strength (Wind Speeds/surge-flood levels)	Locations affected	Source of Metrological Information	Performance of Overhead and Underground Systems
8/29/2023 0:00 AM to 9/3/2023 23:59 PM	Hurricane Idalia	125 mph	All Ops Centers	National Weather Service	See response to Section (d) - pg. 10 of Reliability Report
10/12/2023 - 1:00 AM to 5:59 AM	Tornado	Unknown Wind Speed	Clearwater St. Petersburg Walsingham	National Weather Service	See response to Section (d) - pg. 10 of Reliability Report
10/12/2023 - 02:00 AM to 07:59 AM	Tornado	Unknown Wind Speed	Inverness Ocala Seven Springs Zephyrhills	National Weather Service	See response to Section (d) - pg. 10 of Reliability Report
12/16/2023 - 12:00 PM to 12/17/2023 23:59 PM	EOC Activation	Unknown Wind Speed	Clearwater St. Petersburg Walsingham	National Weather Service	See response to Section (d) - pg. 10 of Reliability Report

b. Describe the Company's efforts to avoid or minimize in terms of costs incurred and outage duration any similar events in the future. (Example: Reference specific storm hardening activity.)

Item b: [Please see response to Storm Hardening Facilities \(I\).](#)

c. If the method of deriving the weather exclusion is different from the method used for 2022, please explain the changes and provide the CMI and CI for 2023 using the prior method.

c. [The exclusion method used is the same since 2016.](#)

d. (Appendix) Provide the 2023 service reliability data for each extreme weather outage event that is excluded from your Company's 2023 Annual Distribution Reliability Report pursuant to Rule 25-6.0455.  
 i. A Table  
 ii. Electronic File  
 iii. Overhead and Underground statistics & forensics. (C, CMI, CI, L-Bar, repair cost, etc.)

d-iii Due to the implementation of a new outage management system, the breakout of 'OH vs UG' is not available for 2023. Enhancements to the tool were made late in the year and the information is expected to be available in 2024.

Dates	Overhead vs. Underground	C	CMI	CI	Duration	L-Bar	N
8/29/2023 0:00 AM to 9/3/2023 23:59 PM	OH	1,982,643	181,283,584	172,559	6,569,705	2,075.1	3,166
	UG		-	-	-	-	-
10/12/2023 - 1:00 AM to 5:59 AM	OH	487,740	452,541	1,266	8,436	468.7	18
	UG		-	-	-	-	-
10/12/2023 - 02:00 AM to 07:59 AM	OH	410,217	2,873,961	5,443	36,274	755.7	48
	UG		-	-	-	-	-
12/16/2023 - 12:00 PM to 12/17/2023 23:59 PM	OH	487,740	2,585,820	20,088	62,918	249.7	252
	UG		-	-	-	-	-



# ATTACHMENT C2

**Actual Data: Customer Minutes of Interruption (CMI), Customer Interruptions (CI) and Documented Exclusions**

<b>Year</b>  <b>2023</b>	<b>Customer minutes of Interruption (CMI)</b>		<b>Customer Interruptions (CI)</b>	
	<b>Value</b>	<b>% of Actual</b>	<b>Value</b>	<b>% of Actual</b>
<b>Reported Actual Data</b>	345,481,732	100%	2,248,384	100%
<b>Documented Exclusions</b>				
Planned Service Interruptions	8,868,180	2.57%	180,866	8.04%
Named Storm	181,283,584	52.47%	172,559	7.68%
Tornadoes	3,326,502	0.96%	6,709	0.30%
Ice on Lines	0	0.00%	0	0.00%
Planned Load Management Events	0	0.00%	0	0.00%
Generation/Transmission Events	8,864,953	2.57%	160,383	7.13%
Extreme Weather (EOC Activation/Fire)	2,582,820	0.75%	20,088	0.89%
<b>Reported Adjusted Data</b>	140,555,693	40.68%	1,707,779	75.96%

# ATTACHMENT D



**CAUSES OF OUTAGE EVENTS – ADJUSTED**  
 Utility Name: Duke Energy Florida Years: **2019 to 2023**

Cause (a)	2023			2022			2021			2020			2019		
	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)	Number of Outage Events(N) (b)	Average Duration (L-Bar) (c)	Average Restoration Time (CAIDI) (d)
1. Animals	3,893	91.0	58.5	4,231	82.5	65.0	5,347	80.6	69.5	3,882	82.1	68.8	5,127	82.0	67.3
2. Vegetation	7,795	165.6	104.5	8,552	161.0	107.7	7,790	153.9	107.9	9,291	160.3	110.9	8,883	159.6	108.1
3. Lightning	2,814	168.7	91.6	1,787	146.2	94.4	1,126	151.4	109.7	994	157.0	97.4	943	168.3	106.0
4. Other Weather	2,198	167.5	77.5	4,855	150.5	101.8	4,060	140.2	103.9	5,826	159.3	109.7	5,658	153.1	105.2
5. Vehicle	308	259.8	118.4	367	258.0	105.5	460	241.4	96.8	509	245.1	111.6	445	249.9	119.2
6. Defective Equipment	11,040	181.9	80.1	11,914	162.3	81.7	11,449	146.1	82.6	11,973	146.4	82.4	11,921	145.8	87.0
7. Unknown	7,997	130.4	63.4	1,543	136.7	58.0	688	95.3	52.0	556	87.7	69.0	859	84.5	54.5
All Other Causes	1,950	231.6	67.7	7,021	186.2	96.2	7,199	176.3	74.7	7,170	181.0	71.4	8,223	169.0	75.7
System Totals:	37,995	159.8	82.3	40,270	155.5	91.7	38,119	143.9	89.2	40,201	152.1	93.5	42,059	146.8	93.1

# ATTACHMENT E



2024 PROGRAM BUDGET

CAPITAL													
	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Annual
956 - DEF Fuse Replacement	363,351	356,020	350,991	347,975	348,184	349,053	345,296	349,265	351,421	354,316	352,057	351,331	4,219,260
ATS - ATS Replace	69,200	67,946	67,224	66,691	68,051	66,869	66,328	66,982	67,280	67,718	68,671	67,297	810,257
CBDDT - UG Cable Repl DT	147,498	143,387	139,770	138,175	138,811	138,815	136,129	138,505	140,113	142,063	141,337	139,880	1,684,482
CMCDT - Corr Maint Cap DT	26,409	25,719	25,079	24,815	24,732	24,924	24,450	24,855	25,141	25,482	25,167	25,095	301,869
CMCEDT - Corr Maint Cap Emerg DT	3,120	3,060	3,027	3,001	3,561	3,008	2,983	3,015	3,028	3,051	3,596	3,028	37,478
CMCEOH - Corr Maint Cap Emerg OH	142,328	139,636	138,143	137,014	157,364	137,329	136,225	137,629	138,211	139,218	158,887	138,240	1,700,223
CMCEUG - Corr Maint Cap Emerg UG	153,193	150,142	148,405	147,132	156,194	147,483	146,201	147,803	148,481	149,654	157,793	148,501	1,800,981
CMCOH - OH Replace (Other - Planned)	9,397	9,199	9,046	8,966	10,154	8,996	8,883	8,993	9,060	9,145	10,283	9,054	111,176
CMCOWP - Corr Maint Cap OH Wire Pri	1,328	1,298	1,272	1,260	1,444	1,265	1,246	1,263	1,275	1,289	1,465	1,273	15,679
CMCOWS - Corr Maint Cap OH Wire Sec Svc	21,947	21,440	21,012	20,813	22,988	20,891	20,572	20,862	21,052	21,285	23,322	21,027	257,211
CMCUG - Corr Maint Cap UG Oth	97,863	95,886	94,403	93,606	116,237	93,902	92,796	93,890	94,536	95,368	117,651	94,481	1,180,620
CTP1PH - Cst Trnf Pdmt Repl 1PH Leak	46,750	45,780	45,087	44,691	44,577	44,835	44,318	44,849	45,148	45,542	45,099	45,129	541,806
CTP3PH - Cst Trnf Pdmt Repl 3PH Leak	72,948	71,593	70,777	70,206	71,557	70,400	69,789	70,501	70,842	71,331	72,241	70,852	853,037
DAIDR - Distribution Automation Rplc	4,327	4,256	4,224	4,193	4,190	4,202	4,178	4,213	4,226	4,247	4,221	4,229	50,707
DLS - OH Line Switch Repl	27,961	27,393	26,979	26,748	29,823	26,832	26,524	26,836	27,015	27,510	27,000	27,003	330,539
GENSWGR - Switchgear Replacement	231,555	227,294	224,750	222,951	230,798	223,560	221,654	223,891	224,952	226,478	232,991	224,987	2,715,862
GNSWLF - Livefront Switchgear Replaceme	92,369	90,673	89,652	88,937	93,427	89,180	88,416	89,307	89,734	90,344	94,323	89,746	1,086,109
HYDR - Recloser Repl Hydraulic	99,423	97,576	96,461	95,682	97,633	95,947	95,112	96,084	96,550	97,217	98,569	96,563	1,162,818
MHR - Manhole Lid Retrofit	64,102	62,498	61,074	60,453	60,173	60,704	59,647	60,576	61,210	61,976	61,156	61,116	734,683
MHV - Manhole Vault Rebuild Replace	35,440	34,553	33,766	33,422	33,267	33,561	32,976	33,490	33,841	34,264	33,811	33,789	406,179
NANC - NAN Replacements	29,134	28,614	28,323	28,101	28,801	28,174	27,956	28,225	28,345	28,523	29,057	28,354	341,608
NEWPOL - Foreign Pole Acquired by Duke	9,740	9,502	9,294	9,202	9,285	9,239	9,085	9,222	9,314	9,426	9,431	9,301	112,041
POLCM - Pole Replacement Reactive	894,498	873,164	855,014	846,660	857,740	849,957	836,468	848,682	856,715	866,582	870,687	855,648	10,311,814
POLOVL - Pole Replace Overloaded Pole	37,506	36,584	35,769	35,412	36,917	35,556	34,951	35,484	35,847	36,285	37,503	35,794	433,607
RCR - Capacitor Replacement	432,804	424,643	419,467	416,057	435,496	417,239	413,366	417,707	419,893	422,940	439,870	419,976	5,079,459
RGR - Regulator Replacement	182,516	179,203	177,294	175,886	178,903	176,357	174,925	176,652	177,442	178,600	180,535	177,485	2,135,798
RIR - Inf Scan Insp Replace FUP	4,594	4,497	4,423	4,384	4,398	4,343	4,397	4,429	4,471	4,527	4,426	4,426	54,353
RLNSEN - Line Sensor Repl OH	2,271	2,223	2,186	2,167	2,454	2,174	2,147	2,173	2,189	2,210	2,485	2,188	26,867
RNET - Network Sec Main Replace	260,182	254,402	249,883	247,572	246,835	248,447	245,083	248,317	250,293	252,803	250,116	250,096	3,004,028
RRR - Recloser Electronic Replace	248,549	244,002	241,340	239,413	243,526	240,062	238,066	240,443	241,549	243,156	245,783	241,599	2,907,489
RSC - OH Stolen Conductor Replace	325	318	311	308	312	309	305	309	312	315	317	311	3,753
RTP1PH - Pad Transf 1PH Oil Leak Rplc	319,338	311,697	305,204	302,212	301,411	303,392	298,566	302,939	305,813	309,343	305,978	305,432	3,671,324
RTP3PH - Pad Transf 3PH Oil Leak Rplc	284,478	278,752	274,799	272,445	276,991	273,289	270,337	273,443	275,139	277,409	280,085	275,072	3,312,239
RTR1PH - Pad Transf 1PH Non Leak Rplc	27,939	27,380	26,993	26,763	27,957	26,845	26,557	26,860	27,026	27,248	28,270	27,018	326,856
RTR3PH - Pad Transf 3PH Non Leak Rplc	94,573	92,864	91,889	91,162	92,542	91,404	90,673	91,562	91,964	92,558	93,377	91,989	1,106,556
RTXO - Transf OH Repl	115,851	113,416	111,609	110,624	115,953	110,988	109,642	110,986	111,770	112,787	117,372	111,708	1,352,706
RUCLG - UG Lg Cable Pri only Replace	231,927	226,614	222,273	220,171	224,945	220,984	217,755	220,764	222,674	225,057	228,119	222,450	2,683,734
RUCSEC - UG Cable Repl Sec Svc	1,627,130	1,586,307	1,549,834	1,534,061	1,527,928	1,540,449	1,513,367	1,537,066	1,553,312	1,572,908	1,553,078	1,550,872	18,646,312
RUCSM - UG Sm Cable Pri only Replace	2,072,222	2,022,901	1,981,060	1,961,734	1,966,055	1,969,351	1,938,253	1,966,468	1,984,979	2,007,739	1,995,635	1,982,541	23,848,938
SPCCCAP - SPCC Containment Cap	2,554	2,490	2,433	2,408	2,397	2,418	2,376	2,413	2,438	2,469	2,436	2,435	29,267
VNPTRR - Vault Netwk Prot & Transf Rplc	33,382	32,717	32,231	31,961	38,290	32,060	31,697	32,063	32,273	32,548	38,743	32,258	400,223
WCUGS - UG Congested Structures	37,566	36,626	35,792	35,428	35,263	34,955	34,955	35,499	35,871	36,320	35,840	35,816	430,549
AVIAN - Avian Protection Cap	4,331	4,243	4,167	4,133	5,835	4,147	4,090	4,140	4,174	4,215	5,912	4,169	53,557
DPZ - Declared Protection Zone	9,949	9,700	9,478	9,381	9,338	9,420	9,255	9,400	9,499	9,618	9,492	9,484	114,016
RIOTC - Outage Invest Improv Cap	1,236,628	1,210,908	1,191,360	1,181,007	1,232,972	1,184,876	1,170,314	1,184,601	1,193,114	1,204,049	1,248,102	1,192,363	14,430,294
ROC - OH Deteriorated Conductor Rplc	113,792	111,497	109,921	108,977	109,043	109,315	108,138	109,381	110,057	110,963	110,255	110,028	1,321,368
516 - DEF Targeted OH/UG Conversion	19,799	19,802	20,494	20,495	20,495	20,495	20,495	20,494	20,494	20,494	20,494	20,495	244,546
HWYN - Highway Nonreimb Cap	1,298,292	1,251,247	1,220,779	1,201,853	1,217,412	1,206,605	1,184,360	1,209,918	1,221,826	1,242,602	1,242,945	1,221,059	14,718,898
HWYR - Highway Reimbursable Cap	8,088	8,090	8,372	8,373	8,373	8,373	8,373	8,372	8,372	8,372	8,372	8,373	99,903
DMAJDL - Major Reliability D Line Cap	632,972	689,574	677,254	671,274	683,470	673,622	664,090	672,784	678,451	685,440	622,730	484,028	7,835,689
SOMHR - SO Manhole Lid Retrofit	14,630	14,373	14,255				51,018	51,482	51,645	145,876	144,912	145,213	633,404
SORFS - SO Circuit Sectionalization	4,643	4,562											13,730
DCAPINC - CAPACITY INCREASE - DIST STA	2,294,212	2,279,820	2,332,929	2,630,867	2,656,680	2,603,609	2,568,735	2,359,061	2,293,435	2,263,087	2,341,014	2,333,318	28,956,768
SLRACP - Solar Programs Capital	1,785	1,785	1,847	1,847	1,847	1,847	1,847	1,847	1,847	1,847	1,847	1,847	22,043
SPPCRNCN - SPP Capacity and Connectivity	3,234,806	3,250,083	3,971,034	4,073,668	4,274,449	4,177,994	4,118,134	4,263,695	4,209,668	4,162,853	4,152,879	4,115,589	48,004,852
SPPFHDH - SPP Feeder Hardening	2,835,448	9,953,810	14,611,307	16,368,718	17,223,315	16,986,361	17,698,148	13,250,492	8,803,819	8,376,100	7,286,601	7,276,254	140,670,372
SPPLFMT - SPP UG Flood Mitigation	76,627	77,095	93,604	92,809	96,482	95,058	93,941	97,005	95,702	94,559	93,684	93,684	1,100,251
SPPLTOH - SPP Lateral Hardening Overhead	1,759,688	5,085,533	8,214,294	11,444,165	12,090,263	12,290,736	11,363,681	10,394,973	8,039,183	6,229,081	5,601,542	5,592,245	98,105,384
SPPLTUG - SPP Lateral Hardening Undergrnd	5,073,872	5,086,896	6,198,876	6,135,849	6,381,576	6,297,170	6,186,118	6,418,534	6,349,739	6,291,398	6,213,178	6,202,979	72,835,985
SPPLPFD - SPP Pole Repl Feeder Hardening	1,272,234	1,268,094	1,465,652	1,451,669	1,664,262	1,482,097	1,457,914	1,503,941	1,493,689	1,485,919	1,639,171	1,466,596	17,651,237
SPPLPDD - SPP Pole Repl Lateral Hardenin	4,024,423	4,011,650	4,639,617	4,595,349	5,259,931	4,691,992	4,615,263	4,761,343	4,728,704	4,703,903	5,179,946	4,642,590	55,854,710
SPPSGAU - SPP Segmentation and Automatn	5,460,741	5,498,864	6,994,030	7,186,400	7,586,191	7,367,704	8,869,977	8,168,321	9,034,485	8,671,665	8,673,383	8,594,038	93,075,798
SCDL - Sys Capacity D Line	3,612,071	3,526,555	3,454,718	3,421,163	3,457,467	1,903,041	1,873,382	1,900,387	1,918,028	1,939,759	1,944,430	1,915,738	30,866,740
Sum:	41,648,622	51,828,242	63,547,077	68,838,857	72,317,529	69,374,889	70,211,864	65,644,658	58,588,636	56,060,737	55,023,450	53,745,480	726,830,040



O&M													
	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Annual
ENVREM - Other Environ Remediation	12,307	12,307	12,307	12,307	18,461	12,307	12,307	12,307	12,307	12,307	18,460	12,307	159,986
FPLOM - Foreign Pole Repl OM	2,450	2,450	2,450	2,450	3,698	2,450	2,450	2,450	2,450	2,450	3,698	2,450	31,901
ATSMT - ATS Repair	11,503	11,503	11,503	11,503	17,244	11,503	11,503	11,503	11,503	11,503	17,244	11,503	149,513
AVOM - Avian Protection OM	2,306	2,306	2,306	2,306	3,458	2,306	2,306	2,306	2,306	2,306	3,458	2,306	29,973
CAPMT - Capacitor Repair	886	886	886	886	1,329	886	886	886	886	886	1,329	886	11,519
CBLTST - UG Cable Testing OM	1,843	1,843	1,843	1,843	2,780	1,843	1,843	1,843	1,843	1,843	2,780	1,843	23,993
CCENTU - Critical Environ Maint UG	3,800	3,800	3,800	3,800	5,696	3,800	3,800	3,800	3,800	3,800	5,701	3,800	49,401
CCINS - Critical Cust Inspection	4,602	4,602	4,602	4,602	6,899	4,602	4,602	4,602	4,602	4,602	6,899	4,602	59,815
CCMT - Critical Cust Repair	307	307	307	307	461	307	307	307	307	307	461	307	3,991
CEINSU - Critical Environ Inspect UG	7,315	7,315	7,315	7,315	10,973	7,315	7,315	7,315	7,315	7,315	10,973	7,315	95,100
CMEDT - DTUG Emergency Repair	1,554	1,554	1,554	1,554	2,347	1,554	1,554	1,554	1,554	1,554	2,331	1,569	20,236
CMEOH - OH Emergency Repair	91,949	91,949	91,949	91,949	139,448	91,949	91,949	91,949	91,949	91,949	137,924	91,949	1,196,865
CMEUG - UG Emergency Repair	30,004	30,004	30,004	30,004	44,986	30,004	30,004	30,004	30,004	30,004	44,986	30,004	390,012
CMOH - OH Repair (Other - Planned)	2,324	2,324	2,324	2,324	3,381	2,324	2,324	2,324	2,324	2,324	3,381	2,324	29,998
CMOHW - OH Conductor Repairs	5,392	5,392	5,392	5,392	8,086	5,392	5,392	5,392	5,392	5,392	8,086	5,392	70,090
CMPCBL - UG Primary Cable Repairs	1,474	1,474	1,474	1,474	2,211	1,474	1,474	1,474	1,474	1,474	2,211	1,474	19,166
CMPUG - Padmount Equipment Painting	1,538	1,538	1,538	1,538	2,308	1,538	1,538	1,538	1,538	1,538	2,308	1,538	20,000
CMSCBL - UG Sec_Svc Cable Repairs	18,921	18,921	18,921	18,921	28,380	18,921	18,921	18,921	18,921	18,921	28,380	18,921	245,966
CMUG - UG Repairs (Other - Planned)	16,026	16,026	16,026	16,026	23,905	16,026	16,026	16,026	16,026	16,026	23,905	16,026	208,072
FCI - Fault Curt Indictr Chang Out	5,770	5,770	5,770	5,770	8,567	5,770	5,770	5,770	5,770	5,770	8,567	5,770	74,838
IDROM - Dist Auto OM I Dr	2,347	2,347	2,347	2,347	3,519	2,347	2,347	2,347	2,347	2,347	3,519	2,347	30,508
LOADSWC - Distribution Switching	10,728	10,728	10,728	10,728	16,083	10,728	10,728	10,728	10,728	10,728	16,083	10,728	138,449
MANHMT - Manhole Repair	1,538	1,538	1,538	1,538	2,307	1,538	1,538	1,538	1,538	1,538	2,307	1,538	19,998
MANINS - Manhole Inspection	4,780	4,780	4,780	4,780	7,166	4,780	4,780	4,780	4,780	4,780	7,166	4,780	62,131
NETPRO - Network Protector Drop Test	483	483	483	483	724	483	483	483	483	483	724	483	6,279
OINVEG - Outage Investigate Imp Veg Onl	76,998	76,998	76,998	76,998	115,507	76,998	76,998	76,998	76,998	76,998	115,497	76,998	1,000,986
PADMT - SMEI Insp Repair FUP	15,344	15,344	15,344	15,344	23,012	15,344	15,344	15,344	15,344	15,344	23,012	15,344	199,465
POLMT - Pole Inspection Repair FUP	98,862	98,862	98,862	98,862	148,292	98,862	98,862	98,862	98,862	98,862	148,292	98,862	1,285,200
POLOM - Non-Insp Based Pole Repair	17,562	17,562	17,562	17,562	26,332	17,562	17,562	17,562	17,562	17,562	26,332	17,562	228,280
POLOV - Pole Repair Overloaded Pole	2,769	2,769	2,769	2,769	4,157	2,769	2,769	2,769	2,769	2,769	4,153	2,769	35,997
RECBAT - Recloser Battery Change out OM	7,731	7,731	7,731	7,731	11,596	7,731	7,731	7,731	7,731	7,731	11,596	7,731	100,500
RECINS - Recloser Inspection	909	909	909	909	1,363	909	909	909	909	909	1,363	909	11,815
RECMT - Recloser Repair	13,516	13,516	13,516	13,516	20,269	13,516	13,516	13,516	13,516	13,516	20,269	13,516	175,702
REGINS - Regulator Inspections	1,717	1,717	1,717	1,717	2,574	1,717	1,717	1,717	1,717	1,717	2,574	1,717	22,323
REGMT - Regulator Repairs	759	759	759	759	1,138	759	759	759	759	759	1,138	759	9,865
RIOUT - Outage Invest Improv	327,681	327,681	327,681	327,681	416,445	327,681	327,681	327,681	327,681	327,681	416,445	327,681	4,109,702
SPCCINS - SPCC Inspection	13,246	13,246	13,246	13,246	19,869	13,246	13,246	13,246	13,246	13,246	19,869	13,246	172,200
SPCCOM - SPCC Inspection Repair FUP	230	230	230	230	345	230	230	230	230	230	345	230	2,994
SWGINS - Switchgear UG Insp	51,952	51,952	51,952	51,952	77,975	51,952	51,952	51,952	51,952	51,952	77,928	51,952	675,424
SWGRTM - Switchgear Repair	15,446	15,446	15,446	15,446	23,160	15,446	15,446	15,446	15,446	15,446	23,160	15,446	200,783
UGTFR - Padmount Transformer Repair	7,833	7,833	7,833	7,833	11,746	7,833	7,833	7,833	7,833	7,833	11,746	7,833	101,820
VAULTI - Vault Inspection	8,208	8,208	8,208	8,208	12,304	8,208	8,208	8,208	8,208	8,208	12,304	8,208	106,685
VAULTM - Vault Repair	2,952	2,952	2,952	2,952	4,425	2,952	2,952	2,952	2,952	2,952	4,425	2,952	38,365
MAINBUD - Maintain Budget Adjustment	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	20,000
DPRJOMM - OM on Maintain Capital	49,277	49,277	49,277	49,277	49,277	49,277	55,058	49,277	49,277	49,277	49,277	55,058	602,887
PQINSE - PQ Cust Engin Inspect OM	267,540	234,693	243,184	221,430	220,174	233,384	184,988	179,265	179,845	232,061	211,729	187,537	2,595,830
DPRJOMH - OM on Highway-Mods	51,074	50,464	50,100	49,852	49,832	49,925	51,583	50,028	50,135	50,348	49,997	51,995	605,331
DPRJOMS - OM on Capacity Capital	125,721	124,230	123,337	122,729	122,682	122,908	128,746	123,162	123,422	123,944	123,085	129,766	1,493,732
SPPRCRN - SPP Capacity and Connectivity	141,066	140,393	139,990	139,715	139,694	139,796	139,499	139,910	140,028	140,264	139,876	139,941	1,680,172
SPPFDHD - SPP Feeder Hardening	200,957	198,039	196,293	195,103	195,010	195,453	194,167	195,949	196,459	197,481	195,799	196,080	2,356,791
SPPISFD - SPP Pole Insp Feeder Hardening	97,574	96,369	95,648	95,156	95,118	95,301	94,770	95,506	95,717	96,139	95,444	95,560	1,148,302
SPPISHD - SPP Pole Insp Lateral Hardenin	250,905	247,806	245,952	244,688	244,590	245,059	243,695	245,587	246,128	247,213	245,427	245,726	2,952,776
SPLTOH - SPP Lateral Hardening Overhead	116,604	115,792	115,307	114,975	114,950	115,073	114,715	115,211	115,353	115,637	115,169	115,247	1,384,033
SPLTUG - SPP Lateral Hardening Undrgrnd	126,782	125,243	124,323	123,695	123,646	123,879	123,201	124,141	124,410	124,949	124,062	124,210	1,492,540
SPPPLFD - SPP Pole Repl Feeder Hardening	21,363	21,071	20,896	20,777	20,767	20,812	20,683	20,861	20,912	21,015	20,846	20,875	250,876
SPPPLHD - SPP Pole Repl Lateral Hardenin	54,946	54,195	53,746	53,439	53,416	53,530	53,198	53,657	53,788	54,052	53,618	53,691	645,275
SPPSGAU - SPP Segmentation and Automtn	223,252	221,407	220,304	219,551	219,492	219,772	218,959	220,086	220,408	221,054	219,991	220,169	2,644,446
Sum:	2,634,590	2,586,510	2,585,886	2,557,917	2,935,240	2,571,698	2,530,793	2,520,169	2,523,411	2,580,963	2,929,316	2,543,399	31,499,894
Totals:	44,283,212	54,414,752	66,132,963	71,396,774	75,252,769	71,946,586	72,742,658	68,164,827	61,112,047	58,641,700	57,952,766	56,288,878	758,329,934

Planned budget as of January, 2024

# ATTACHMENT F



SYSTEM RELIABILITY INDICES – ADJUSTED																									
Utility Name: Duke Energy Florida Year: 2019 to 2023																									
District or Service Area (a)	2023					2022					2021					2020					2019				
	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFle (e)	CEMI5 (f)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFle (e)	CEMI5 (f)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFle (e)	CEMI5 (f)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFle (e)	CEMI5 (f)	SAIDI (b)	CAIDI (c)	SAIFI (d)	MAIFle (e)	CEMI5 (f)
North Coastal Region*	87.9	84.3	1.04	1.7	2.14%	96.3	86.4	1.11	3.7	1.14%	90.0	94.6	0.95	5.4	1.10%	117.2	101.9	1.15	6.4	2.32%	169.5	108.5	1.56	9.7	5.50%
South Coastal Region*	54.2	70.4	0.77	1.5	0.17%	75.8	90.2	0.84	3.2	0.13%	67.8	84.3	0.80	3.7	0.15%	82.6	96.1	0.86	6.0	0.37%	72.0	83.8	0.86	7.9	0.19%
North Central Region	69.4	84.1	0.83	1.6	0.50%	99.0	100.4	0.99	3.8	0.34%	81.0	97.6	0.83	5.2	0.64%	85.2	101.5	0.84	6.8	0.42%	87.0	107.7	0.81	4.7	0.41%
South Central Region	72.2	88.3	0.82	2.1	0.70%	73.7	91.0	0.81	3.3	0.30%	65.2	81.4	0.80	4.4	0.28%	70.4	76.7	0.92	6.5	1.17%	85.9	84.6	1.02	8.8	0.79%
System Averages	70.9	82.3	0.86	1.8	0.86%	85.2	91.7	0.93	3.5	0.46%	75.3	89.2	0.84	4.6	0.52%	87.9	93.5	0.94	6.4	1.06%	90.5	93.1	0.97	7.6	1.02%

# ATTACHMENT G



2023 Summer Feeder Peaks

Load Area	NAME	BANK	FEEDER NAME	PLANNER PEAK MVA
INVERNESS	ADAMS	1	A199	6.1
INVERNESS	ADAMS	1	A200	3.2
MONTICELLO	ALACHUA	1	A143	0.8
MONTICELLO	ALACHUA	1	A144	0.4
JAMESTOWN	ALAFAYA	2	W0289	9.7
JAMESTOWN	ALAFAYA	2	W0290	8.9
JAMESTOWN	ALAFAYA	3	W0297	9.9
JAMESTOWN	ALAFAYA	3	W0298	12.5
SEVEN SPRINGS	ALDERMAN	1	C5000	7.6
SEVEN SPRINGS	ALDERMAN	1	C5001	5.3
SEVEN SPRINGS	ALDERMAN	1	C5003	7.8
SEVEN SPRINGS	ALDERMAN	2	C5008	8.2
SEVEN SPRINGS	ALDERMAN	2	C5009	9.1
SEVEN SPRINGS	ALDERMAN	3	C5010	4.7
SEVEN SPRINGS	ALDERMAN	3	C5011	5.6
SEVEN SPRINGS	ALDERMAN	3	C5012	11.3
SEVEN SPRINGS	ALDERMAN	2	C5013	7.6
LONGWOOD	ALTAMONTE	1	M571	4.9
LONGWOOD	ALTAMONTE	1	M572	9.3
LONGWOOD	ALTAMONTE	1	M573	3.2
LONGWOOD	ALTAMONTE	1	M574	5.4
LONGWOOD	ALTAMONTE	2	M575	6.9
LONGWOOD	ALTAMONTE	2	M576	7.8
LONGWOOD	ALTAMONTE	2	M578	9.3
LONGWOOD	ALTAMONTE	2	M579	8.7
SEVEN SPRINGS	ANCLOTE PLANT	8	C4201	9.8
SEVEN SPRINGS	ANCLOTE PLANT	8	C4202	9.9
SEVEN SPRINGS	ANCLOTE PLANT	8	C4203	10.1
SEVEN SPRINGS	ANCLOTE PLANT	8	C4204	7.9
SEVEN SPRINGS	ANCLOTE PLANT	7	C4206	9.6
SEVEN SPRINGS	ANCLOTE PLANT	7	C4207	7.6
SEVEN SPRINGS	ANCLOTE PLANT	7	C4208	7.3
MONTICELLO	APALACHICOLA	1	N58	5.1
MONTICELLO	APALACHICOLA	2	N59	5.7
APOPKA	APOPKA SOUTH	3	M720	9.3
APOPKA	APOPKA SOUTH	3	M721	7.5
APOPKA	APOPKA SOUTH	1	M722	6.4
APOPKA	APOPKA SOUTH	1	M723	9.1
APOPKA	APOPKA SOUTH	1	M724	4.5

APOPKA	APOPKA SOUTH	2	M725	8.6
APOPKA	APOPKA SOUTH	2	M726	10.5
APOPKA	APOPKA SOUTH	2	M727	8.7
HIGHLANDS	ARBUCKLE CREEK	1	K1361	3.9
MONTICELLO	ARCHER	1	A195	2.0
MONTICELLO	ARCHER	2	A196	3.1
WINTER GARDEN	AVALON	4	K37	7.4
WINTER GARDEN	AVALON	4	K38	9.6
HIGHLANDS	AVON PARK NORTH	2	K891	6.9
HIGHLANDS	AVON PARK NORTH	2	K892	2.4
HIGHLANDS	AVON PARK NORTH	1	K893	8.7
HIGHLANDS	AVON PARK NORTH	1	K894	4.7
HIGHLANDS	AVON PARK PLANT	5	K116	3.6
HIGHLANDS	AVON PARK PLANT	5	K117	5.5
HIGHLANDS	AVON PARK PLANT	4	K118	5.9
HIGHLANDS	AVON PARK PLANT	4	K119	9.1
LAKE WALES	BABSON PARK	1	K1195	3.3
LAKE WALES	BABSON PARK	1	K1196	4.3
DELAND	BARBERVILLE	1	W0902	7.8
DELAND	BARBERVILLE	2	W0903	2.1
DELAND	BARBERVILLE	2	W0904	4.6
BUENA VISTA	BARNUM CITY	1	K1501	11.2
BUENA VISTA	BARNUM CITY	2	K1503	11.3
BUENA VISTA	BARNUM CITY	1	K3360	12.9
BUENA VISTA	BARNUM CITY	2	K3362	13.2
BUENA VISTA	BARNUM CITY	1	K3364	8.4
BUENA VISTA	BAY HILL	3	K67	10.3
BUENA VISTA	BAY HILL	3	K68	10.2
BUENA VISTA	BAY HILL	1	K72	6.6
BUENA VISTA	BAY HILL	1	K73	8.0
BUENA VISTA	BAY HILL	1	K74	9.8
BUENA VISTA	BAY HILL	2	K75	8.7
BUENA VISTA	BAY HILL	2	K76	8.2
BUENA VISTA	BAY HILL	2	K77	4.4
BUENA VISTA	BAY HILL	3	K79	9.6
APOPKA	BAY RIDGE	2	M445	8.8
APOPKA	BAY RIDGE	1	M447	6.7
APOPKA	BAY RIDGE	2	M451	10.4
APOPKA	BAY RIDGE	1	M453	7.7
ST. PETERSBURG	BAYBORO SOUTH	3	X10	3.4
ST. PETERSBURG	BAYBORO SOUTH	3	X13	3.9
ST. PETERSBURG	BAYBORO SOUTH	2	X15	3.6
ST. PETERSBURG	BAYBORO SOUTH	1	X16	10.0
ST. PETERSBURG	BAYBORO SOUTH	3	X17	3.3

ST. PETERSBURG	BAYBORO SOUTH	2	X18	8.9
ST. PETERSBURG	BAYBORO SOUTH	3	X19	7.9
ST. PETERSBURG	BAYBORO SOUTH	2	X20	6.3
ST. PETERSBURG	BAYBORO SOUTH	1	X21	7.2
ST. PETERSBURG	BAYBORO SOUTH	1	X9	7.8
CLEARWATER	BAYVIEW	1	C651	11.1
CLEARWATER	BAYVIEW	1	C652	10.9
CLEARWATER	BAYVIEW	1	C653	9.5
CLEARWATER	BAYVIEW	1	C654	8.5
CLEARWATER	BAYVIEW	2	C655	9.4
CLEARWATER	BAYVIEW	2	C656	10.5
CLEARWATER	BAYVIEW	2	C657	9.9
CLEARWATER	BAYVIEW	2	C658	6.3
ST. PETERSBURG	BAYWAY	2	X100	5.4
ST. PETERSBURG	BAYWAY	2	X96	9.5
ST. PETERSBURG	BAYWAY	2	X97	10.7
ST. PETERSBURG	BAYWAY	2	X99	9.0
MONTICELLO	BEACON HILL	2	N515	1.5
MONTICELLO	BEACON HILL	1	N516	5.3
MONTICELLO	BEACON HILL	2	N527	5.3
CLEARWATER	BELLEAIR	1	C1002	11.5
CLEARWATER	BELLEAIR	1	C1003	9.0
CLEARWATER	BELLEAIR	1	C1004	2.2
CLEARWATER	BELLEAIR	2	C1005	9.8
CLEARWATER	BELLEAIR	2	C1007	7.6
CLEARWATER	BELLEAIR	2	C1008	11.6
CLEARWATER	BELLEAIR	1	J1001	8.9
OCALA	BELLEVIEW	1	A1	5.7
OCALA	BELLEVIEW	1	A12	3.3
OCALA	BELLEVIEW	2	A14	11.1
OCALA	BELLEVIEW	2	A2	8.0
OCALA	BELLEVIEW	1	A3	1.9
OCALA	BELLEVIEW	2	A4	7.2
OCALA	BELLEVIEW	2	A6	9.3
INVERNESS	BEVERLY HILLS	2	A72	6.0
INVERNESS	BEVERLY HILLS	2	A73	4.9
INVERNESS	BEVERLY HILLS	1	A74	7.3
INVERNESS	BEVERLY HILLS	1	A75	7.4
OCALA	BEVILLES CORNER	1	A561	2.6
OCALA	BEVILLES CORNER	1	A562	3.5
JAMESTOWN	BITHLO	1	W0951	10.6
JAMESTOWN	BITHLO	1	W0952	4.8
JAMESTOWN	BITHLO	1	W0953	9.9
JAMESTOWN	BITHLO	2	W0954	11.9

JAMESTOWN	BITHLO	2	W0955	10.8
JAMESTOWN	BITHLO	2	W0956	10.5
BUENA VISTA	BOGGY MARSH	2	K957	8.8
BUENA VISTA	BOGGY MARSH	1	K958	8.8
BUENA VISTA	BOGGY MARSH	1	K959	14.0
BUENA VISTA	BOGGY MARSH	2	K960	11.3
BUENA VISTA	BOGGY MARSH	2	K961	11.2
BUENA VISTA	BOGGY MARSH	1	K964	10.6
BUENA VISTA	BONNET CREEK	2	K1230	3.5
BUENA VISTA	BONNET CREEK	2	K1231	7.7
BUENA VISTA	BONNET CREEK	2	K1234	4.7
BUENA VISTA	BONNET CREEK	1	K973	3.1
BUENA VISTA	BONNET CREEK	1	K974	8.4
BUENA VISTA	BONNET CREEK	1	K975	6.5
BUENA VISTA	BONNET CREEK	1	K976	7.0
SEVEN SPRINGS	BROOKER CREEK	1	C5400	6.3
SEVEN SPRINGS	BROOKER CREEK	1	C5401	3.6
SEVEN SPRINGS	BROOKER CREEK	1	C5402	7.2
SEVEN SPRINGS	BROOKER CREEK	2	C5404	10.2
SEVEN SPRINGS	BROOKER CREEK	2	C5405	10.7
SEVEN SPRINGS	BROOKER CREEK	2	C5406	8.6
INVERNESS	BROOKSVILLE	3	A95	7.0
INVERNESS	BROOKSVILLE	3	A96	8.3
INVERNESS	BROOKSVILLE	2	A97	5.4
INVERNESS	BROOKSVILLE	2	A98	5.9
LAKE WALES	CABBAGE ISLAND	3	K1613	5.2
LAKE WALES	CABBAGE ISLAND	2	K1614	7.0
LAKE WALES	CABBAGE ISLAND	3	K1615	3.4
LAKE WALES	CABBAGE ISLAND	2	K1616	9.8
LAKE WALES	CABBAGE ISLAND	2	K1618	6.6
S. E. ORLANDO	CANOE CREEK	1	W0105	4.2
MONTICELLO	CARRABELLE	1	N42	2.2
MONTICELLO	CARRABELLE	1	N43	6.9
MONTICELLO	CARRABELLE BEACH	1	N48	2.7
DELAND	CASSADAGA	3	W0515	6.4
DELAND	CASSADAGA	3	W0516	7.2
DELAND	CASSADAGA	3	W0517	4.9
DELAND	CASSADAGA	2	W0523	4.0
DELAND	CASSADAGA	2	W0524	8.9
JAMESTOWN	CASSELBERRY	1	W0017	7.3
JAMESTOWN	CASSELBERRY	1	W0018	4.8
JAMESTOWN	CASSELBERRY	1	W0019	9.1
JAMESTOWN	CASSELBERRY	2	W0020	8.6
JAMESTOWN	CASSELBERRY	1	W0021	11.4



JAMESTOWN	CASSELBERRY	2	W0022	10.0
JAMESTOWN	CASSELBERRY	2	W0025	5.7
JAMESTOWN	CASSELBERRY	2	W0026	10.5
JAMESTOWN	CASSELBERRY	3	W0027	11.1
JAMESTOWN	CASSELBERRY	3	W0028	5.0
JAMESTOWN	CASSELBERRY	3	W0029	5.3
BUENA VISTA	CELEBRATION	2	K2701	9.8
BUENA VISTA	CELEBRATION	3	K2703	8.3
BUENA VISTA	CELEBRATION	2	K2704	6.2
BUENA VISTA	CELEBRATION	3	K2706	10.3
S. E. ORLANDO	CENTRAL PARK	1	K495	11.2
S. E. ORLANDO	CENTRAL PARK	2	K499	9.7
S. E. ORLANDO	CENTRAL PARK	3	K800	6.6
S. E. ORLANDO	CENTRAL PARK	1	W0493	8.8
S. E. ORLANDO	CENTRAL PARK	1	W0494	4.9
S. E. ORLANDO	CENTRAL PARK	2	W0496	4.8
S. E. ORLANDO	CENTRAL PARK	2	W0497	9.7
S. E. ORLANDO	CENTRAL PARK	2	W0498	5.2
S. E. ORLANDO	CENTRAL PARK	3	W0500	8.3
S. E. ORLANDO	CENTRAL PARK	3	W0501	7.4
ST. PETERSBURG	CENTRAL PLAZA	1	X262	7.5
ST. PETERSBURG	CENTRAL PLAZA	2	X263	1.1
ST. PETERSBURG	CENTRAL PLAZA	1	X264	7.5
ST. PETERSBURG	CENTRAL PLAZA	2	X265	5.0
ST. PETERSBURG	CENTRAL PLAZA	1	X266	1.3
ST. PETERSBURG	CENTRAL PLAZA	2	X267	7.7
ST. PETERSBURG	CENTRAL PLAZA	1	X268	7.8
BUENA VISTA	CHAMPIONS GATE	2	K1761	9.9
BUENA VISTA	CHAMPIONS GATE	1	K1762	10.1
BUENA VISTA	CHAMPIONS GATE	2	K1763	10.2
BUENA VISTA	CHAMPIONS GATE	1	K1764	11.4
INVERNESS	CIRCLE SQUARE	2	A250	6.9
INVERNESS	CIRCLE SQUARE	1	A251	7.8
INVERNESS	CIRCLE SQUARE	1	A253	6.3
INVERNESS	CITRUS HILLS	2	A282	7.0
INVERNESS	CITRUS HILLS	3	A283	6.2
INVERNESS	CITRUS HILLS	2	A284	5.5
INVERNESS	CITRUS HILLS	3	A285	8.2
INVERNESS	CITRUS HILLS	2	A286	6.4
LAKE WALES	CITRUSVILLE	1	K35	5.6
LAKE WALES	CITRUSVILLE	1	K62	8.7
WINTER GARDEN	CLARCONA	1	M337	6.8
WINTER GARDEN	CLARCONA	2	M339	3.2
WINTER GARDEN	CLARCONA	2	M340	5.8

WINTER GARDEN	CLARCONA	3	M342	8.3
WINTER GARDEN	CLARCONA	1	M343	8.5
WINTER GARDEN	CLARCONA	2	M345	9.1
WINTER GARDEN	CLARCONA	2	M346	11.7
WINTER GARDEN	CLARCONA	3	M348	6.2
WINTER GARDEN	CLARCONA	3	M351	7.5
CLEARWATER	CLEARWATER	2	C10	9.4
CLEARWATER	CLEARWATER	2	C11	9.0
CLEARWATER	CLEARWATER	3	C12	10.3
CLEARWATER	CLEARWATER	3	C13	3.2
CLEARWATER	CLEARWATER	3	C14	6.3
CLEARWATER	CLEARWATER	3	C15	6.8
CLEARWATER	CLEARWATER	4	C16	9.6
CLEARWATER	CLEARWATER	4	C17	10.3
CLEARWATER	CLEARWATER	4	C18	6.3
CLEARWATER	CLEARWATER	4	C19	4.9
CLEARWATER	CLEARWATER	1	C4	7.3
CLEARWATER	CLEARWATER	1	C5	12.4
CLEARWATER	CLEARWATER	1	C6	1.6
CLEARWATER	CLEARWATER	1	C7	5.4
CLEARWATER	CLEARWATER	2	C8	1.7
CLEARWATER	CLEARWATER	2	C9	2.3
CLERMONT	CLERMONT	1	K601	10.7
CLERMONT	CLERMONT	1	K602	8.4
CLERMONT	CLERMONT	1	K603	7.1
CLERMONT	CLERMONT	2	K605	7.1
CLERMONT	CLERMONT	2	K606	10.8
CLERMONT	CLERMONT	2	K607	8.9
OCALE	COLEMAN	1	A105	3.8
OCALE	COLEMAN	2	A107	3.2
OCALE	COLEMAN	2	A108	4.2
S. E. ORLANDO	COLONIAL	1	K2476	10.0
S. E. ORLANDO	COLONIAL	1	K2477	4.5
S. E. ORLANDO	CONWAY	2	W0404	8.0
S. E. ORLANDO	CONWAY	2	W0405	8.4
S. E. ORLANDO	CONWAY	1	W0407	6.4
S. E. ORLANDO	CONWAY	1	W0408	9.9
LAKE WALES	COUNTRY OAKS	1	K1443	4.3
LAKE WALES	COUNTRY OAKS	1	K1446	2.1
LAKE WALES	COUNTRY OAKS	2	K1447	9.5
MONTICELLO	CRAWFORDVILLE	3	N35	6.5
MONTICELLO	CRAWFORDVILLE	2	N36	5.4
LAKE WALES	CROOKED LAKE	1	K1771	5.0
LAKE WALES	CROOKED LAKE	1	K1772	4.2

WALSINGHAM	CROSS BAYOU	3	J140	6.0
WALSINGHAM	CROSS BAYOU	3	J141	11.3
WALSINGHAM	CROSS BAYOU	1	J142	7.9
WALSINGHAM	CROSS BAYOU	1	J143	11.4
WALSINGHAM	CROSS BAYOU	1	J144	1.6
WALSINGHAM	CROSS BAYOU	1	J145	9.3
WALSINGHAM	CROSS BAYOU	2	J146	8.8
WALSINGHAM	CROSS BAYOU	2	J147	11.0
WALSINGHAM	CROSS BAYOU	2	J148	10.6
WALSINGHAM	CROSS BAYOU	3	J150	10.0
MONTICELLO	CROSS CITY	2	A115	2.9
MONTICELLO	CROSS CITY	2	A118	3.3
MONTICELLO	CROSS CITY	1	A119	6.4
MONTICELLO	CROSS CITY INDUSTRIAL	1	A46	4.8
ST. PETERSBURG	CROSSROADS	1	X132	7.7
ST. PETERSBURG	CROSSROADS	1	X133	3.8
ST. PETERSBURG	CROSSROADS	1	X134	6.8
ST. PETERSBURG	CROSSROADS	2	X135	9.0
ST. PETERSBURG	CROSSROADS	2	X136	2.3
ST. PETERSBURG	CROSSROADS	2	X137	2.7
ST. PETERSBURG	CROSSROADS	2	X138	5.3
WINTER GARDEN	CROWN POINT	1	K278	10.7
WINTER GARDEN	CROWN POINT	1	K279	10.4
INVERNESS	CRYSTAL RIVER NORTH	1	A161	7.4
INVERNESS	CRYSTAL RIVER NORTH	1	A162	6.3
INVERNESS	CRYSTAL RIVER SOUTH	1	A159	5.0
SEVEN SPRINGS	CURLEW	3	C4972	7.4
SEVEN SPRINGS	CURLEW	3	C4973	8.2
SEVEN SPRINGS	CURLEW	2	C4976	10.2
SEVEN SPRINGS	CURLEW	2	C4985	5.3
SEVEN SPRINGS	CURLEW	2	C4986	7.5
SEVEN SPRINGS	CURLEW	3	C4987	6.9
SEVEN SPRINGS	CURLEW	3	C4988	8.7
SEVEN SPRINGS	CURLEW	1	C4989	9.3
SEVEN SPRINGS	CURLEW	1	C4990	8.9
SEVEN SPRINGS	CURLEW	1	C4991	6.8
S. E. ORLANDO	CURRY FORD	1	W0595	4.9
S. E. ORLANDO	CURRY FORD	2	W0596	12.1
S. E. ORLANDO	CURRY FORD	1	W0597	11.2
S. E. ORLANDO	CURRY FORD	2	W0598	10.2
S. E. ORLANDO	CURRY FORD	1	W0601	9.0
LAKE WALES	CYPRESSWOOD	1	K317	3.7
LAKE WALES	CYPRESSWOOD	2	K561	4.1
LAKE WALES	CYPRESSWOOD	2	K562	12.4

LAKE WALES	CYPRESSWOOD	1	K563	5.7
LAKE WALES	DAVENPORT	1	K7	11.3
LAKE WALES	DAVENPORT	1	K8	7.8
LAKE WALES	DAVENPORT	1	K9	8.0
DELAND	DELAND	1	W0803	8.4
DELAND	DELAND	1	W0804	5.8
DELAND	DELAND	1	W0805	7.2
DELAND	DELAND	2	W0806	7.2
DELAND	DELAND	2	W0807	7.3
DELAND	DELAND	2	W0808	7.7
DELAND	DELAND	2	W0809	9.8
DELAND	DELAND EAST	3	W1102	5.4
DELAND	DELAND EAST	3	W1103	8.1
DELAND	DELAND EAST	3	W1104	7.0
DELAND	DELAND EAST	2	W1105	5.6
DELAND	DELAND EAST	2	W1106	6.9
DELAND	DELAND EAST	2	W1107	8.7
DELAND	DELAND EAST	1	W1108	8.4
DELAND	DELAND EAST	1	W1109	5.0
DELAND	DELAND EAST	1	W1110	9.3
DELAND	DELEON SPRINGS	1	W0032	8.0
DELAND	DELEON SPRINGS	1	W0034	5.1
DELAND	DELTONA	3	W4550	6.0
DELAND	DELTONA	3	W4553	4.9
DELAND	DELTONA	1	W4555	6.9
DELAND	DELTONA	3	W4556	9.7
DELAND	DELTONA	2	W4558	8.4
DELAND	DELTONA	1	W4561	4.6
DELAND	DELTONA	3	W4562	9.0
DELAND	DELTONA	2	W4564	4.1
DELAND	DELTONA	2	W4565	6.9
DELAND	DELTONA	1	W4567	6.9
DELAND	DELTONA EAST	3	W0121	7.3
DELAND	DELTONA EAST	2	W0123	8.8
DELAND	DELTONA EAST	3	W0124	8.8
DELAND	DELTONA EAST	2	W0126	4.5
DELAND	DELTONA EAST	3	W0130	8.7
DELAND	DELTONA EAST	2	W0132	8.7
SEVEN SPRINGS	DENHAM	1	C151	8.6
SEVEN SPRINGS	DENHAM	1	C152	13.0
SEVEN SPRINGS	DENHAM	3	C156	8.7
SEVEN SPRINGS	DENHAM	3	C157	10.5
HIGHLANDS	DESOTO CITY	1	K3220	6.4
HIGHLANDS	DESOTO CITY	1	K3221	1.1

HIGHLANDS	DESOTO CITY	2	K3222	2.0
HIGHLANDS	DINNER LAKE	2	K1684	1.7
HIGHLANDS	DINNER LAKE	2	K1685	8.0
HIGHLANDS	DINNER LAKE	2	K1687	2.4
HIGHLANDS	DINNER LAKE	2	K1688	4.7
HIGHLANDS	DINNER LAKE	2	K1689	5.4
HIGHLANDS	DINNER LAKE	1	K1690	7.5
HIGHLANDS	DINNER LAKE	1	K1691	8.7
WALSINGHAM	DISSTON	1	X60	11.2
WALSINGHAM	DISSTON	1	X61	4.2
WALSINGHAM	DISSTON	1	X62	10.8
WALSINGHAM	DISSTON	1	X63	10.7
WALSINGHAM	DISSTON	2	X64	9.2
WALSINGHAM	DISSTON	2	X65	2.8
WALSINGHAM	DISSTON	2	X66	11.5
WALSINGHAM	DISSTON	2	X67	8.7
APOPKA	DOUGLAS AVENUE	1	M1704	4.5
APOPKA	DOUGLAS AVENUE	2	M1706	6.7
APOPKA	DOUGLAS AVENUE	1	M1707	5.6
APOPKA	DOUGLAS AVENUE	2	M1709	5.8
APOPKA	DOUGLAS AVENUE	2	M1712	4.6
LAKE WALES	DUNDEE	2	K3244	7.5
LAKE WALES	DUNDEE	2	K3245	9.2
LAKE WALES	DUNDEE	2	K3246	2.0
CLEARWATER	DUNEDIN	1	C102	8.5
CLEARWATER	DUNEDIN	1	C103	9.6
CLEARWATER	DUNEDIN	2	C104	8.3
CLEARWATER	DUNEDIN	2	C106	5.6
CLEARWATER	DUNEDIN	3	C107	10.8
CLEARWATER	DUNEDIN	3	C108	8.5
INVERNESS	DUNNELTON TOWN	2	A68	9.1
INVERNESS	DUNNELTON TOWN	2	A69	5.9
INVERNESS	DUNNELTON TOWN	1	A70	6.1
INVERNESS	DUNNELTON TOWN	1	A71	5.5
OCALE	EAGLES NEST	2	A224	6.3
OCALE	EAGLES NEST	1	A228	6.4
CLEARWATER	EAST CLEARWATER	1	C900	10.0
CLEARWATER	EAST CLEARWATER	1	C901	6.1
CLEARWATER	EAST CLEARWATER	1	C902	10.8
CLEARWATER	EAST CLEARWATER	1	C903	6.7
CLEARWATER	EAST CLEARWATER	2	C904	9.5
CLEARWATER	EAST CLEARWATER	2	C905	7.7
CLEARWATER	EAST CLEARWATER	2	C906	8.0
CLEARWATER	EAST CLEARWATER	2	C907	10.6

CLEARWATER	EAST CLEARWATER	3	C908	5.8
CLEARWATER	EAST CLEARWATER	3	C909	8.6
CLEARWATER	EAST CLEARWATER	3	C910	8.8
CLEARWATER	EAST CLEARWATER	3	C911	7.2
LAKE WALES	EAST LAKE WALES	1	K1030	7.4
LAKE WALES	EAST LAKE WALES	2	K1031	2.9
LAKE WALES	EAST LAKE WALES	1	K1032	5.3
JAMESTOWN	EAST ORANGE	2	W0250	11.6
JAMESTOWN	EAST ORANGE	3	W0252	15.0
JAMESTOWN	EAST ORANGE	2	W0253	8.3
JAMESTOWN	EAST ORANGE	3	W0255	4.6
JAMESTOWN	EAST ORANGE	2	W0265	7.1
JAMESTOWN	EAST ORANGE	2	W0271	8.6
JAMESTOWN	EAST ORANGE	1	W0273	3.5
JAMESTOWN	EAST ORANGE	3	W0274	11.2
JAMESTOWN	EAST ORANGE	1	W0276	3.8
JAMESTOWN	EAST ORANGE	3	W0281	11.0
MONTICELLO	EAST POINT	1	N230	3.0
MONTICELLO	EAST POINT	1	N231	5.0
LONGWOOD	EATONVILLE	1	M1131	5.2
LONGWOOD	EATONVILLE	1	M1132	13.6
LONGWOOD	EATONVILLE	1	M1133	11.5
LONGWOOD	EATONVILLE	2	M1135	10.7
LONGWOOD	EATONVILLE	2	M1136	9.1
LONGWOOD	EATONVILLE	2	M1137	8.1
LONGWOOD	EATONVILLE	3	M1138	7.3
LONGWOOD	EATONVILLE	3	M1139	8.4
JAMESTOWN	ECON	2	W0318	5.6
JAMESTOWN	ECON	1	W0320	8.7
JAMESTOWN	ECON	2	W0321	7.8
JAMESTOWN	ECON	2	W0324	10.2
JAMESTOWN	ECON	1	W0326	11.7
JAMESTOWN	ECON	2	W0327	10.9
JAMESTOWN	ECON	1	W0329	4.2
SEVEN SPRINGS	ELFERS	2	C950	7.5
SEVEN SPRINGS	ELFERS	2	C951	7.5
SEVEN SPRINGS	ELFERS	2	C952	8.5
SEVEN SPRINGS	ELFERS	2	C953	7.1
SEVEN SPRINGS	ELFERS	1	C954	5.0
SEVEN SPRINGS	ELFERS	1	C955	9.7
SEVEN SPRINGS	ELFERS	1	C956	9.9
SEVEN SPRINGS	ELFERS	1	C957	9.7
APOPKA	EUSTIS	2	M499	7.8
APOPKA	EUSTIS	2	M500	7.8

APOPKA	EUSTIS	2	M501	7.4
APOPKA	EUSTIS	1	M503	6.0
APOPKA	EUSTIS	1	M504	10.4
APOPKA	EUSTIS SOUTH	2	M1054	5.7
APOPKA	EUSTIS SOUTH	2	M1055	9.0
APOPKA	EUSTIS SOUTH	2	M1056	5.5
APOPKA	EUSTIS SOUTH	1	M1057	8.8
APOPKA	EUSTIS SOUTH	1	M1058	7.4
APOPKA	EUSTIS SOUTH	1	M1059	6.7
LONGWOOD	FERN PARK	1	M907	6.3
LONGWOOD	FERN PARK	1	M908	4.9
LONGWOOD	FERN PARK	1	M909	5.5
ST. PETERSBURG	FIFTY-FIRST STREET	2	X101	6.4
ST. PETERSBURG	FIFTY-FIRST STREET	1	X102	9.8
ST. PETERSBURG	FIFTY-FIRST STREET	2	X103	9.9
ST. PETERSBURG	FIFTY-FIRST STREET	1	X104	5.3
ST. PETERSBURG	FIFTY-FIRST STREET	2	X105	8.8
ST. PETERSBURG	FIFTY-FIRST STREET	1	X106	3.9
ST. PETERSBURG	FIFTY-FIRST STREET	2	X107	7.6
ST. PETERSBURG	FIFTY-FIRST STREET	1	X108	6.6
HIGHLANDS	FISHEATING CREEK	1	K1560	9.8
INVERNESS	FLORAL CITY	1	A87	4.1
INVERNESS	FLORAL CITY	1	A88	1.9
SEVEN SPRINGS	FLORA-MAR	1	C4000	8.3
SEVEN SPRINGS	FLORA-MAR	1	C4001	8.3
SEVEN SPRINGS	FLORA-MAR	1	C4002	10.4
SEVEN SPRINGS	FLORA-MAR	1	C4003	8.2
SEVEN SPRINGS	FLORA-MAR	2	C4006	10.0
SEVEN SPRINGS	FLORA-MAR	2	C4007	11.6
SEVEN SPRINGS	FLORA-MAR	2	C4008	8.4
SEVEN SPRINGS	FLORA-MAR	2	C4009	9.2
HIGHLANDS	FORT MEADE	3	K170	0.4
HIGHLANDS	FORT MEADE	3	K171	2.5
MONTICELLO	FORT WHITE	2	A20	3.9
ST. PETERSBURG	FORTIETH STREET	1	X81	4.5
ST. PETERSBURG	FORTIETH STREET	1	X82	8.5
ST. PETERSBURG	FORTIETH STREET	2	X83	7.8
ST. PETERSBURG	FORTIETH STREET	2	X84	7.9
ST. PETERSBURG	FORTIETH STREET	2	X85	6.7
BUENA VISTA	FOUR CORNERS	1	K1404	6.7
BUENA VISTA	FOUR CORNERS	2	K1406	7.6
BUENA VISTA	FOUR CORNERS	1	K1407	6.2
BUENA VISTA	FOUR CORNERS	2	K1409	4.4
BUENA VISTA	FOUR CORNERS	3	K1410	4.8

BUENA VISTA	FOUR CORNERS	2	K1412	7.6
BUENA VISTA	FOUR CORNERS	3	K1414	5.3
BUENA VISTA	FOUR CORNERS	3	K1416	12.1
LAKE WALES	FROSTPROOF	1	K100	5.0
LAKE WALES	FROSTPROOF	1	K101	5.9
LAKE WALES	FROSTPROOF	1	K102	6.0
LAKE WALES	FROSTPROOF	2	K103	1.3
LAKE WALES	FROSTPROOF	2	K104	5.6
WALSINGHAM	GATEWAY	1	X111	8.0
WALSINGHAM	GATEWAY	1	X112	7.7
WALSINGHAM	GATEWAY	1	X113	8.6
WALSINGHAM	GATEWAY	1	X114	3.6
WALSINGHAM	GATEWAY	2	X118	6.9
WALSINGHAM	GATEWAY	2	X119	7.6
WALSINGHAM	GATEWAY	2	X120	8.8
WALSINGHAM	GATEWAY	3	X121	9.8
WALSINGHAM	GATEWAY	3	X122	3.6
WALSINGHAM	GATEWAY	3	X123	4.5
WALSINGHAM	GATEWAY	3	X125	5.2
MONTICELLO	GE ALACHUA	1	A185	0.5
MONTICELLO	GE ALACHUA	1	A186	3.7
WALSINGHAM	GE PINELLAS	1	J231	2.2
WALSINGHAM	GE PINELLAS	2	J234	2.0
WALSINGHAM	GE PINELLAS	2	J235	1.0
MONTICELLO	GEORGIA PACIFIC	1	A45	6.3
BUENA VISTA	GIFFORD	1	K83	14.5
BUENA VISTA	GIFFORD	1	K84	11.6
CLERMONT	GROVELAND	1	K673	7.8
CLERMONT	GROVELAND	1	K674	11.3
CLERMONT	GROVELAND	2	K675	7.9
LAKE WALES	HAINES CITY	2	K16	3.5
LAKE WALES	HAINES CITY	2	K17	12.1
LAKE WALES	HAINES CITY	1	K18	9.3
LAKE WALES	HAINES CITY	1	K19	8.1
LAKE WALES	HAINES CITY	2	K20	11.8
LAKE WALES	HAINES CITY	1	K21	12.2
LAKE WALES	HAINES CITY	1	K22	9.5
WINTER GARDEN	HEMPLE	2	K2244	8.1
WINTER GARDEN	HEMPLE	3	K2246	9.5
WINTER GARDEN	HEMPLE	2	K2247	8.4
WINTER GARDEN	HEMPLE	3	K2249	7.1
WINTER GARDEN	HEMPLE	1	K2250	10.0
WINTER GARDEN	HEMPLE	2	K2252	5.7
WINTER GARDEN	HEMPLE	3	K2253	9.1



WINTER GARDEN	HEMPLE	1	K2255	10.5
INVERNESS	HERNANDO AIRPORT	1	A430	8.8
INVERNESS	HERNANDO AIRPORT	1	A431	11.1
MONTICELLO	HIGH SPRINGS	1	A15	9.0
MONTICELLO	HIGH SPRINGS	2	A16	5.8
DELAND	HIGHBANKS	1	W0751	7.5
DELAND	HIGHBANKS	1	W0752	6.1
CLEARWATER	HIGHLANDS	2	C2802	8.2
CLEARWATER	HIGHLANDS	2	C2803	7.3
CLEARWATER	HIGHLANDS	2	C2804	6.9
CLEARWATER	HIGHLANDS	1	C2805	8.1
CLEARWATER	HIGHLANDS	1	C2806	10.7
CLEARWATER	HIGHLANDS	1	C2807	8.0
CLEARWATER	HIGHLANDS	2	C2808	7.8
INVERNESS	HOLDER	1	A47	6.8
INVERNESS	HOLDER	2	A48	6.7
INVERNESS	HOLDER	1	A49	5.6
S. E. ORLANDO	HOLOPAW	2	W0629	8.4
S. E. ORLANDO	HOLOPAW	1	W0630	6.2
INVERNESS	HOMOSASSA	3	A271	7.2
INVERNESS	HOMOSASSA	3	A272	7.5
CLERMONT	HOWEY	1	K564	2.7
CLERMONT	HOWEY	1	K565	7.2
BUENA VISTA	HUNTERS CREEK	1	K40	10.8
BUENA VISTA	HUNTERS CREEK	2	K42	4.4
BUENA VISTA	HUNTERS CREEK	2	K43	9.4
BUENA VISTA	HUNTERS CREEK	3	K45	10.0
BUENA VISTA	HUNTERS CREEK	3	K48	7.6
BUENA VISTA	HUNTERS CREEK	3	K49	13.0
BUENA VISTA	HUNTERS CREEK	1	K51	8.5
MONTICELLO	INDIAN PASS	1	N556	11.0
INVERNESS	INGLIS	2	A78	5.1
LAKE WALES	INTERCESSION CITY PLANT	1	K966	2.4
LAKE WALES	INTERCESSION CITY PLANT	1	K967	7.3
BUENA VISTA	INTERNATIONAL DRIVE	3	K4815	9.5
BUENA VISTA	INTERNATIONAL DRIVE	2	K4817	7.2
BUENA VISTA	INTERNATIONAL DRIVE	3	K4818	9.0
BUENA VISTA	INTERNATIONAL DRIVE	2	K4820	8.1
INVERNESS	INVERNESS	1	A81	6.7
INVERNESS	INVERNESS	1	A82	7.6
INVERNESS	INVERNESS	1	A83	8.2
INVERNESS	INVERNESS	2	A84	7.9
INVERNESS	INVERNESS	2	A85	9.8
WINTER GARDEN	ISLEWORTH	1	K773	7.4

WINTER GARDEN	ISLEWORTH	2	K779	11.5
WINTER GARDEN	ISLEWORTH	3	K781	9.1
WINTER GARDEN	ISLEWORTH	3	K782	12.5
WINTER GARDEN	ISLEWORTH	2	K784	3.4
WINTER GARDEN	ISLEWORTH	1	K789	10.4
WINTER GARDEN	ISLEWORTH	2	K792	11.3
MONTICELLO	JASPER SOUTH	2	N191	5.1
MONTICELLO	JASPER SOUTH	1	N192	4.3
MONTICELLO	JENNINGS	1	N195	2.3
LONGWOOD	KELLER ROAD	1	M1	10.8
LONGWOOD	KELLER ROAD	2	M2	3.7
LONGWOOD	KELLER ROAD	1	M3	7.4
LONGWOOD	KELLER ROAD	2	M4	2.8
APOPKA	KELLY PARK	2	M821	8.9
APOPKA	KELLY PARK	2	M822	3.7
WALSINGHAM	KENNETH	1	X50	9.6
WALSINGHAM	KENNETH	1	X51	9.4
WALSINGHAM	KENNETH	1	X52	0.6
WALSINGHAM	KENNETH	1	X53	8.9
WALSINGHAM	KENNETH	2	X54	0.6
WALSINGHAM	KENNETH	2	X55	5.1
WALSINGHAM	KENNETH	2	X56	8.1
WALSINGHAM	KENNETH	2	X57	9.9
OCALA	LADY LAKE	1	A243	7.1
OCALA	LADY LAKE	2	A244	6.3
OCALA	LADY LAKE	2	A245	6.8
OCALA	LADY LAKE	1	A246	8.2
LONGWOOD	LAKE ALOMA	1	W0151	6.0
LONGWOOD	LAKE ALOMA	1	W0153	5.7
LONGWOOD	LAKE ALOMA	2	W0158	8.4
LONGWOOD	LAKE ALOMA	2	W0161	9.3
BUENA VISTA	LAKE BRYAN	3	K230	8.2
BUENA VISTA	LAKE BRYAN	3	K231	6.7
BUENA VISTA	LAKE BRYAN	3	K232	8.6
BUENA VISTA	LAKE BRYAN	2	K238	7.6
BUENA VISTA	LAKE BRYAN	2	K239	3.8
BUENA VISTA	LAKE BRYAN	1	K240	2.4
BUENA VISTA	LAKE BRYAN	1	K242	3.5
BUENA VISTA	LAKE BRYAN	2	K244	11.4
LONGWOOD	LAKE EMMA	2	M421	5.5
LONGWOOD	LAKE EMMA	2	M422	6.6
LONGWOOD	LAKE EMMA	2	M423	4.7
LONGWOOD	LAKE EMMA	2	M424	6.7
LONGWOOD	LAKE EMMA	1	M425	3.6

LONGWOOD	LAKE EMMA	1	M426	6.5
LONGWOOD	LAKE EMMA	1	M427	3.8
LONGWOOD	LAKE EMMA	1	M428	7.6
DELAND	LAKE HELEN	1	W1700	10.3
DELAND	LAKE HELEN	2	W1701	7.0
DELAND	LAKE HELEN	1	W1703	10.4
DELAND	LAKE HELEN	2	W1704	11.2
WINTER GARDEN	LAKE LUNTZ	1	K3282	11.3
WINTER GARDEN	LAKE LUNTZ	2	K3283	11.3
WINTER GARDEN	LAKE LUNTZ	1	K3284	10.9
WINTER GARDEN	LAKE LUNTZ	2	K3285	10.6
WINTER GARDEN	LAKE LUNTZ	2	K3286	12.5
WINTER GARDEN	LAKE LUNTZ	1	K3287	8.3
LAKE WALES	LAKE MARION	1	K1286	13.9
LAKE WALES	LAKE MARION	2	K1287	12.5
LAKE WALES	LAKE MARION	1	K1288	6.2
LAKE WALES	LAKE OF THE HILLS	1	K1884	8.1
LAKE WALES	LAKE OF THE HILLS	1	K1885	5.2
HIGHLANDS	LAKE PLACID	2	K1066	7.5
HIGHLANDS	LAKE PLACID	2	K1320	6.4
HIGHLANDS	LAKE PLACID	1	K757	3.7
HIGHLANDS	LAKE PLACID	1	K758	5.1
HIGHLANDS	LAKE PLACID NORTH	1	K24	3.8
HIGHLANDS	LAKE PLACID NORTH	2	K27	2.4
LAKE WALES	LAKE WALES	1	K53	5.4
LAKE WALES	LAKE WALES	1	K54	8.4
LAKE WALES	LAKE WALES	1	K55	7.6
LAKE WALES	LAKE WALES	2	K56	3.2
LAKE WALES	LAKE WALES	2	K57	5.4
LAKE WALES	LAKE WALES	2	K58	7.5
OCALA	LAKE WEIR	1	A61	6.4
OCALA	LAKE WEIR	2	A64	8.3
BUENA VISTA	LAKE WILSON	1	K881	11.2
BUENA VISTA	LAKE WILSON	1	K882	8.0
BUENA VISTA	LAKE WILSON	2	K883	8.7
BUENA VISTA	LAKE WILSON	2	K884	8.8
HIGHLANDS	LAKESWOOD	1	K1693	7.2
HIGHLANDS	LAKESWOOD	1	K1694	5.0
HIGHLANDS	LAKESWOOD	1	K1695	5.0
HIGHLANDS	LAKESWOOD	2	K1705	5.3
HIGHLANDS	LAKESWOOD	2	K1706	8.3
SEVEN SPRINGS	LAND O LAKES	1	C140	7.8
SEVEN SPRINGS	LAND O LAKES	1	C141	10.1
SEVEN SPRINGS	LAND O LAKES	1	C143	9.5

SEVEN SPRINGS	LAND O LAKES	1	C144	4.2
SEVEN SPRINGS	LAND O LAKES	2	C145	7.4
SEVEN SPRINGS	LAND O LAKES	2	C146	5.0
SEVEN SPRINGS	LAND O LAKES	2	C148	10.5
CLEARWATER	LARGO	1	J402	4.4
CLEARWATER	LARGO	1	J403	10.4
CLEARWATER	LARGO	1	J404	8.4
CLEARWATER	LARGO	1	J405	6.7
CLEARWATER	LARGO	2	J406	7.1
CLEARWATER	LARGO	2	J407	10.9
CLEARWATER	LARGO	2	J408	6.0
CLEARWATER	LARGO	2	J409	7.4
INVERNESS	LEBANON	1	A132	5.5
HIGHLANDS	LEISURE LAKES	1	K1415	6.8
APOPKA	LISBON	2	M1517	7.9
APOPKA	LISBON	1	M1518	7.0
APOPKA	LISBON	2	M1519	8.2
APOPKA	LISBON	1	M1520	6.9
APOPKA	LOCKHART	1	M400	7.4
APOPKA	LOCKHART	2	M402	7.6
APOPKA	LOCKHART	1	M406	8.9
APOPKA	LOCKHART	2	M408	4.3
APOPKA	LOCKHART	1	M412	8.9
APOPKA	LOCKHART	2	M414	5.7
APOPKA	LOCKHART	1	M415	2.3
APOPKA	LOCKHART	2	M417	5.9
JAMESTOWN	LOCKWOOD	1	W0480	7.6
JAMESTOWN	LOCKWOOD	1	W0481	9.0
JAMESTOWN	LOCKWOOD	2	W0482	8.5
JAMESTOWN	LOCKWOOD	2	W0483	6.2
LONGWOOD	LONGWOOD	1	M142	10.8
LONGWOOD	LONGWOOD	1	M143	7.8
LONGWOOD	LONGWOOD	2	M144	7.9
LONGWOOD	LONGWOOD	2	M145	7.2
LAKE WALES	LOUGHMAN	1	K5078	8.2
LAKE WALES	LOUGHMAN	1	K5079	11.1
LAKE WALES	LOUGHMAN	1	K5086	10.7
MONTICELLO	LURAVILLE	1	A192	4.0
MONTICELLO	MADISON	2	N1	4.6
MONTICELLO	MADISON	2	N2	5.2
MONTICELLO	MADISON	1	N3	7.0
MONTICELLO	MADISON	1	N4	3.5
S. E. ORLANDO	MAGNOLIA RANCH	2	W0502	10.3
S. E. ORLANDO	MAGNOLIA RANCH	2	W0503	6.3

S. E. ORLANDO	MAGNOLIA RANCH	1	W0504	11.2
S. E. ORLANDO	MAGNOLIA RANCH	1	W0505	6.3
LONGWOOD	MAITLAND	3	M80	8.1
LONGWOOD	MAITLAND	1	M81	8.0
LONGWOOD	MAITLAND	1	M82	7.1
LONGWOOD	MAITLAND	1	M84	3.2
LONGWOOD	MAITLAND	2	M85	5.9
LONGWOOD	MAITLAND	3	W0079	8.8
LONGWOOD	MAITLAND	2	W0086	4.6
LONGWOOD	MAITLAND	2	W0087	10.7
OCALA	MARICAMP	1	A333	11.9
OCALA	MARICAMP	2	A334	9.8
OCALA	MARICAMP	1	A335	8.7
OCALA	MARICAMP	2	A336	8.0
LAKE WALES	MARLEY ROAD	1	K120	8.7
OCALA	MARTIN	1	A38	9.0
OCALA	MARTIN	1	A39	7.2
ST. PETERSBURG	MAXIMO	3	X140	10.2
ST. PETERSBURG	MAXIMO	3	X141	9.3
ST. PETERSBURG	MAXIMO	3	X142	9.9
ST. PETERSBURG	MAXIMO	1	X143	11.4
ST. PETERSBURG	MAXIMO	1	X144	0.9
ST. PETERSBURG	MAXIMO	1	X146	8.7
ST. PETERSBURG	MAXIMO	1	X147	10.4
ST. PETERSBURG	MAXIMO	2	X149	8.9
ST. PETERSBURG	MAXIMO	2	X150	8.2
ST. PETERSBURG	MAXIMO	2	X151	11.2
ST. PETERSBURG	MAXIMO	2	X152	0.6
OCALA	MCINTOSH	1	A50	3.7
OCALA	MCINTOSH	2	A51	5.0
S. E. ORLANDO	MEADOW WOODS EAST	1	K1060	9.7
S. E. ORLANDO	MEADOW WOODS EAST	1	K1061	9.5
S. E. ORLANDO	MEADOW WOODS EAST	2	K1063	8.0
S. E. ORLANDO	MEADOW WOODS SOUTH	2	K1775	8.9
S. E. ORLANDO	MEADOW WOODS SOUTH	3	K1777	8.8
S. E. ORLANDO	MEADOW WOODS SOUTH	2	K1778	8.6
S. E. ORLANDO	MEADOW WOODS SOUTH	3	K1780	8.1
S. E. ORLANDO	MEADOW WOODS SOUTH	2	K1781	8.4
S. E. ORLANDO	MEADOW WOODS SOUTH	1	K1783	6.8
S. E. ORLANDO	MEADOW WOODS SOUTH	1	K1789	6.9
LAKE WALES	MIDWAY	1	K1472	8.4
LAKE WALES	MIDWAY	1	K1473	12.9
LAKE WALES	MIDWAY	1	K1475	9.6
CLERMONT	MINNEOLA	1	K946	6.8

CLERMONT	MINNEOLA	2	K948	11.7
CLERMONT	MINNEOLA	1	K949	9.3
DELAND	MONASTERY	1	W0201	7.8
DELAND	MONASTERY	1	W0202	6.4
DELAND	MONASTERY	2	W0210	5.4
DELAND	MONASTERY	2	W0211	6.4
MONTICELLO	MONTICELLO	1	N66	2.8
MONTICELLO	MONTICELLO	1	N67	6.7
MONTICELLO	MONTICELLO	2	N68	2.0
MONTICELLO	MONTICELLO	2	N69	6.2
CLERMONT	MONTVERDE	1	K4831	11.9
CLERMONT	MONTVERDE	2	K4833	10.9
CLERMONT	MONTVERDE	1	K4834	8.3
CLERMONT	MONTVERDE	2	K4836	9.3
CLERMONT	MONTVERDE	1	K4837	10.2
CLERMONT	MONTVERDE	2	K4840	11.2
CLERMONT	MONTVERDE	1	K4841	9.6
CLERMONT	MONTVERDE	2	K4845	7.4
SEVEN SPRINGS	MORGAN ROAD	2	C52	9.5
SEVEN SPRINGS	MORGAN ROAD	2	C53	10.5
SEVEN SPRINGS	MORGAN ROAD	2	C54	6.9
SEVEN SPRINGS	MORGAN ROAD	1	C55	11.4
SEVEN SPRINGS	MORGAN ROAD	1	C56	6.0
SEVEN SPRINGS	MORGAN ROAD	1	C57	7.2
SEVEN SPRINGS	MORGAN ROAD	2	C59	1.7
LONGWOOD	MYRTLE LAKE	2	M648	8.4
LONGWOOD	MYRTLE LAKE	2	M649	9.5
LONGWOOD	MYRTLE LAKE	2	M650	5.4
LONGWOOD	MYRTLE LAKE	2	M651	7.4
LONGWOOD	MYRTLE LAKE	3	M657	9.3
LONGWOOD	MYRTLE LAKE	3	M658	6.1
LONGWOOD	MYRTLE LAKE	3	M659	7.9
S. E. ORLANDO	NARCOOSSEE	1	W0212	10.2
S. E. ORLANDO	NARCOOSSEE	1	W0213	8.2
S. E. ORLANDO	NARCOOSSEE	1	W0214	6.4
S. E. ORLANDO	NARCOOSSEE	2	W0215	7.0
S. E. ORLANDO	NARCOOSSEE	2	W0216	12.8
S. E. ORLANDO	NARCOOSSEE	2	W0217	8.9
S. E. ORLANDO	NARCOOSSEE	3	W0219	8.2
S. E. ORLANDO	NARCOOSSEE	3	W0220	9.9
SEVEN SPRINGS	NEW PORT RICHEY	1	C441	7.7
SEVEN SPRINGS	NEW PORT RICHEY	1	C442	7.4
SEVEN SPRINGS	NEW PORT RICHEY	2	C443	10.0
SEVEN SPRINGS	NEW PORT RICHEY	2	C444	7.2

MONTICELLO	NEWBERRY	1	A94	11.2
LONGWOOD	NORTH LONGWOOD	6	M1749	10.2
LONGWOOD	NORTH LONGWOOD	7	M1751	10.4
LONGWOOD	NORTH LONGWOOD	6	M1755	6.6
LONGWOOD	NORTH LONGWOOD	7	M1757	6.1
LONGWOOD	NORTH LONGWOOD	6	M1758	10.1
LONGWOOD	NORTH LONGWOOD	7	M1760	6.2
LONGWOOD	NORTH LONGWOOD	6	M1761	7.8
LONGWOOD	NORTH LONGWOOD	7	M1763	8.8
ST. PETERSBURG	NORTHEAST	1	X282	7.1
ST. PETERSBURG	NORTHEAST	1	X283	6.2
ST. PETERSBURG	NORTHEAST	1	X284	8.2
ST. PETERSBURG	NORTHEAST	1	X285	8.0
ST. PETERSBURG	NORTHEAST	1	X286	12.2
ST. PETERSBURG	NORTHEAST	2	X287	11.1
ST. PETERSBURG	NORTHEAST	2	X288	8.9
ST. PETERSBURG	NORTHEAST	2	X289	7.4
ST. PETERSBURG	NORTHEAST	2	X290	6.4
ST. PETERSBURG	NORTHEAST	2	X291	3.6
LAKE WALES	NORTHRIDGE	1	K1822	12.0
LAKE WALES	NORTHRIDGE	1	K1825	7.9
WALSINGHAM	OAKHURST	1	J221	8.4
WALSINGHAM	OAKHURST	3	J223	8.6
WALSINGHAM	OAKHURST	3	J224	9.2
WALSINGHAM	OAKHURST	2	J226	5.0
WALSINGHAM	OAKHURST	2	J227	9.0
WALSINGHAM	OAKHURST	1	J228	9.7
WALSINGHAM	OAKHURST	1	J229	9.1
WALSINGHAM	OAKHURST	3	J230	10.7
MONTICELLO	OBRIEN	1	A379	4.3
MONTICELLO	OCHLOCKONEE	2	N37	5.0
MONTICELLO	OCHLOCKONEE	1	N38	4.7
WINTER GARDEN	OCOEE	3	M1086	6.5
WINTER GARDEN	OCOEE	3	M1087	7.2
WINTER GARDEN	OCOEE	3	M1088	6.5
WINTER GARDEN	OCOEE	1	M1090	9.5
WINTER GARDEN	OCOEE	1	M1091	5.5
WINTER GARDEN	OCOEE	1	M1092	10.1
WINTER GARDEN	OCOEE	2	M1094	8.8
WINTER GARDEN	OCOEE	2	M1095	4.6
WINTER GARDEN	OCOEE	2	M1096	9.8
SEVEN SPRINGS	ODESSA	1	C4318	9.1
SEVEN SPRINGS	ODESSA	2	C4320	11.3
SEVEN SPRINGS	ODESSA	1	C4322	12.7

SEVEN SPRINGS	ODESSA	2	C4323	11.8
SEVEN SPRINGS	ODESSA	2	C4328	8.2
SEVEN SPRINGS	ODESSA	1	C4329	11.9
CLERMONT	OKAHUMPKA	1	K284	9.6
CLERMONT	OKAHUMPKA	2	K285	7.0
CLERMONT	OKAHUMPKA	2	K286	1.9
CLEARWATER	OLDSMAR	2	C604	1.7
OCALA	ORANGE BLOSSOM	2	A309	5.0
OCALA	ORANGE BLOSSOM	1	A310	7.8
OCALA	ORANGE BLOSSOM	2	A388	7.3
OCALA	ORANGE BLOSSOM	1	A389	6.3
OCALA	ORANGE BLOSSOM	1	A392	8.0
OCALA	ORANGE BLOSSOM	2	A394	10.4
DELAND	ORANGE CITY	3	W0370	7.0
DELAND	ORANGE CITY	2	W0372	8.4
DELAND	ORANGE CITY	3	W0376	8.6
DELAND	ORANGE CITY	2	W0378	4.0
DELAND	ORANGE CITY	3	W0382	6.6
BUENA VISTA	ORANGEWOOD	1	K217	3.7
BUENA VISTA	ORANGEWOOD	2	K218	3.3
BUENA VISTA	ORANGEWOOD	1	K220	2.4
BUENA VISTA	ORANGEWOOD	1	K221	4.3
BUENA VISTA	ORANGEWOOD	1	K222	7.9
BUENA VISTA	ORANGEWOOD	1	K223	3.4
BUENA VISTA	ORANGEWOOD	1	K224	6.4
BUENA VISTA	ORANGEWOOD	2	K225	6.7
BUENA VISTA	ORANGEWOOD	2	K226	7.6
BUENA VISTA	ORANGEWOOD	2	K227	3.6
BUENA VISTA	ORANGEWOOD	2	K228	8.7
BUENA VISTA	ORANGEWOOD	2	K229	2.5
JAMESTOWN	OVIEDO	1	W0171	6.9
JAMESTOWN	OVIEDO	1	W0172	8.6
JAMESTOWN	OVIEDO	2	W0174	10.4
JAMESTOWN	OVIEDO	2	W0175	6.7
JAMESTOWN	OVIEDO	3	W0176	7.2
JAMESTOWN	OVIEDO	3	W0181	5.3
SEVEN SPRINGS	PALM HARBOR	1	C752	8.2
SEVEN SPRINGS	PALM HARBOR	1	C753	7.9
SEVEN SPRINGS	PALM HARBOR	2	C755	9.6
SEVEN SPRINGS	PALM HARBOR	2	C756	7.4
SEVEN SPRINGS	PALM HARBOR	2	C757	10.2
BUENA VISTA	PARKWAY	1	K408	8.2
BUENA VISTA	PARKWAY	1	K409	3.7
ST. PETERSBURG	PASADENA	2	X211	10.9



ST. PETERSBURG	PASADENA	2	X212	5.4
ST. PETERSBURG	PASADENA	2	X213	6.1
ST. PETERSBURG	PASADENA	2	X214	7.1
ST. PETERSBURG	PASADENA	2	X215	6.8
ST. PETERSBURG	PASADENA	1	X216	5.4
ST. PETERSBURG	PASADENA	1	X217	4.2
ST. PETERSBURG	PASADENA	1	X219	8.5
ST. PETERSBURG	PASADENA	1	X220	7.9
HIGHLANDS	PEMBROKE	1	K3205	0.2
MONTICELLO	PERRY	2	N10	6.5
MONTICELLO	PERRY	1	N7	5.2
MONTICELLO	PERRY	1	N8	2.4
MONTICELLO	PERRY	2	N9	6.1
MONTICELLO	PERRY NORTH	1	N14	7.2
MONTICELLO	PERRY NORTH	1	N15	8.3
APOPKA	PIEDMONT	2	M471	8.0
APOPKA	PIEDMONT	2	M472	7.5
APOPKA	PIEDMONT	2	M473	9.3
APOPKA	PIEDMONT	2	M474	10.4
APOPKA	PIEDMONT	1	M475	8.7
APOPKA	PIEDMONT	1	M476	5.0
APOPKA	PIEDMONT	1	M477	8.4
APOPKA	PIEDMONT	1	M478	8.7
ST. PETERSBURG	PILSBURY	1	X252	3.7
ST. PETERSBURG	PILSBURY	1	X253	2.0
ST. PETERSBURG	PILSBURY	1	X254	9.6
ST. PETERSBURG	PILSBURY	1	X255	10.9
ST. PETERSBURG	PILSBURY	2	X256	1.1
ST. PETERSBURG	PILSBURY	2	X257	10.7
ST. PETERSBURG	PILSBURY	2	X258	9.1
ST. PETERSBURG	PILSBURY	2	X259	11.5
INVERNESS	PINE RIDGE	1	A422	7.8
INVERNESS	PINE RIDGE	1	A423	8.1
INVERNESS	PINE RIDGE	1	A425	6.3
S. E. ORLANDO	PINECASTLE	2	K396	9.2
S. E. ORLANDO	PINECASTLE	1	W0391	7.0
S. E. ORLANDO	PINECASTLE	1	W0392	10.7
S. E. ORLANDO	PINECASTLE	2	W0395	11.1
SEVEN SPRINGS	PINELLAS WELL FIELD	1	C801	1.4
SEVEN SPRINGS	PINELLAS WELL FIELD	1	C802	0.8
APOPKA	PLYMOUTH SOUTH	1	M702	5.8
APOPKA	PLYMOUTH SOUTH	2	M704	4.3
APOPKA	PLYMOUTH SOUTH	2	M706	7.2
APOPKA	PLYMOUTH SOUTH	1	M707	9.3

LAKE WALES	POINCIANA	1	K1236	7.4
LAKE WALES	POINCIANA	1	K1237	7.6
LAKE WALES	POINCIANA	2	K1508	9.1
LAKE WALES	POINCIANA	2	K1509	6.6
LAKE WALES	POINCIANA	2	K1556	11.1
LAKE WALES	POINCIANA	1	K1558	10.5
LAKE WALES	POINCIANA	2	K1561	8.7
LAKE WALES	POINCIANA	1	K1562	10.1
LAKE WALES	POINCIANA NORTH	3	K629	7.4
LAKE WALES	POINCIANA NORTH	3	K631	11.4
SEVEN SPRINGS	PORT RICHEY WEST	2	C202	9.3
SEVEN SPRINGS	PORT RICHEY WEST	2	C203	8.5
SEVEN SPRINGS	PORT RICHEY WEST	1	C205	5.0
SEVEN SPRINGS	PORT RICHEY WEST	1	C206	10.3
SEVEN SPRINGS	PORT RICHEY WEST	1	C207	6.4
SEVEN SPRINGS	PORT RICHEY WEST	3	C208	7.7
SEVEN SPRINGS	PORT RICHEY WEST	3	C209	9.1
SEVEN SPRINGS	PORT RICHEY WEST	3	C210	9.4
MONTICELLO	PORT ST JOE	2	N52	3.6
MONTICELLO	PORT ST JOE	2	N53	5.9
MONTICELLO	PORT ST JOE	2	N54	4.4
MONTICELLO	PORT ST JOE	2	N55	0.1
MONTICELLO	PORT ST JOE INDUSTRIAL	1	N202	4.8
MONTICELLO	PORT ST JOE INDUSTRIAL	1	N203	0.6
INVERNESS	RAINBOW SPRINGS	1	A368	5.8
INVERNESS	RAINBOW SPRINGS	2	A369	4.7
OCALA	REDDICK	2	A34	7.7
OCALA	REDDICK	2	A35	4.5
OCALA	REDDICK	1	A36	5.4
BUENA VISTA	REEDY LAKE	2	K1102	12.4
BUENA VISTA	REEDY LAKE	1	K1104	5.0
BUENA VISTA	REEDY LAKE	2	K1108	12.2
BUENA VISTA	REEDY LAKE	1	K1110	10.0
BUENA VISTA	REEDY LAKE	1	K1111	10.3
S. E. ORLANDO	RIO PINAR	1	W0968	10.2
S. E. ORLANDO	RIO PINAR	1	W0969	6.5
S. E. ORLANDO	RIO PINAR	1	W0970	12.6
S. E. ORLANDO	RIO PINAR	4	W0971	4.2
S. E. ORLANDO	RIO PINAR	4	W0972	11.1
S. E. ORLANDO	RIO PINAR	4	W0973	9.1
S. E. ORLANDO	RIO PINAR	4	W0974	11.3
S. E. ORLANDO	RIO PINAR	1	W0975	10.4
INVERNESS	ROSS PRAIRIE	3	A112	6.7
CLEARWATER	SAFETY HARBOR	1	C3518	6.4

CLEARWATER	SAFETY HARBOR	2	C3521	8.8
CLEARWATER	SAFETY HARBOR	2	C3523	6.7
CLEARWATER	SAFETY HARBOR	2	C3524	9.3
CLEARWATER	SAFETY HARBOR	1	C3525	8.2
CLEARWATER	SAFETY HARBOR	1	C3527	9.3
CLEARWATER	SAFETY HARBOR	1	C3528	8.7
BUENA VISTA	SAND LAKE	1	K920	3.3
BUENA VISTA	SAND LAKE	2	K922	5.1
BUENA VISTA	SAND LAKE	2	K923	3.0
BUENA VISTA	SAND LAKE	3	K925	5.1
BUENA VISTA	SAND LAKE	2	K928	4.0
BUENA VISTA	SAND LAKE	2	K929	5.2
BUENA VISTA	SAND LAKE	3	K931	3.7
BUENA VISTA	SAND LAKE	2	K934	5.6
BUENA VISTA	SAND LAKE	1	K937	4.5
BUENA VISTA	SAND LAKE	1	K940	3.6
HIGHLANDS	SAND MOUNTAIN	1	K3201	0.3
OCALA	SANTOS	1	A230	6.5
OCALA	SANTOS	2	A231	8.2
OCALA	SANTOS	1	A233	6.1
HIGHLANDS	SEBRING EAST	1	K541	2.6
HIGHLANDS	SEBRING EAST	1	K542	4.0
WALSINGHAM	SEMINOLE	2	J888	6.8
WALSINGHAM	SEMINOLE	2	J889	8.9
WALSINGHAM	SEMINOLE	2	J890	10.4
WALSINGHAM	SEMINOLE	2	J891	5.5
WALSINGHAM	SEMINOLE	1	J892	10.7
WALSINGHAM	SEMINOLE	1	J893	6.0
WALSINGHAM	SEMINOLE	1	J894	9.6
WALSINGHAM	SEMINOLE	1	J895	11.3
SEVEN SPRINGS	SEVEN SPRINGS	4	C4500	6.8
SEVEN SPRINGS	SEVEN SPRINGS	4	C4501	9.8
SEVEN SPRINGS	SEVEN SPRINGS	6	C4502	7.1
SEVEN SPRINGS	SEVEN SPRINGS	5	C4507	7.5
SEVEN SPRINGS	SEVEN SPRINGS	5	C4508	8.8
SEVEN SPRINGS	SEVEN SPRINGS	5	C4509	9.4
SEVEN SPRINGS	SEVEN SPRINGS	4	C4510	7.1
SEVEN SPRINGS	SEVEN SPRINGS	6	C4512	8.2
BUENA VISTA	SHINGLE CREEK	2	K855	8.3
BUENA VISTA	SHINGLE CREEK	1	K857	9.2
BUENA VISTA	SHINGLE CREEK	2	K858	7.4
BUENA VISTA	SHINGLE CREEK	1	K860	6.4
BUENA VISTA	SHINGLE CREEK	1	K861	7.5
BUENA VISTA	SHINGLE CREEK	2	K863	10.1

BUENA VISTA	SHINGLE CREEK	2	K868	4.4
OCALA	SILVER SPRINGS	3	A153	10.9
OCALA	SILVER SPRINGS	3	A154	6.5
OCALA	SILVER SPRINGS SHORES	2	A128	5.1
OCALA	SILVER SPRINGS SHORES	1	A129	10.9
OCALA	SILVER SPRINGS SHORES	1	A130	9.6
OCALA	SILVER SPRINGS SHORES	2	A131	8.0
ST. PETERSBURG	SIXTEENTH STREET	1	X31	11.7
ST. PETERSBURG	SIXTEENTH STREET	2	X32	3.0
ST. PETERSBURG	SIXTEENTH STREET	1	X33	4.7
ST. PETERSBURG	SIXTEENTH STREET	2	X34	10.5
ST. PETERSBURG	SIXTEENTH STREET	1	X35	3.5
ST. PETERSBURG	SIXTEENTH STREET	2	X36	6.2
ST. PETERSBURG	SIXTEENTH STREET	2	X42	5.3
ST. PETERSBURG	SIXTEENTH STREET	1	X43	4.8
ST. PETERSBURG	SIXTEENTH STREET	1	X45	8.9
ST. PETERSBURG	SIXTEENTH STREET	2	X46	10.0
S. E. ORLANDO	SKY LAKE	1	W0362	8.8
S. E. ORLANDO	SKY LAKE	1	W0363	11.3
S. E. ORLANDO	SKY LAKE	1	W0364	9.2
S. E. ORLANDO	SKY LAKE	2	W0365	12.4
S. E. ORLANDO	SKY LAKE	2	W0366	6.3
S. E. ORLANDO	SKY LAKE	3	W0367	8.7
S. E. ORLANDO	SKY LAKE	3	W0368	11.0
S. E. ORLANDO	SKY LAKE	3	W0369	10.0
MONTICELLO	SOPCHOPPY	1	N327	5.3
LAKE WALES	SOUTH BARTOW	1	K154	4.5
OCALA	SOUTHERN OAKS	2	A417	4.9
OCALA	SOUTHERN OAKS	2	A418	4.4
OCALA	SOUTHERN OAKS	2	A419	4.3
OCALA	SOUTHERN OAKS	1	A420	2.5
OCALA	SOUTHERN OAKS	1	A421	1.3
OCALA	SOUTHERN OAKS	1	A433	1.2
LONGWOOD	SPRING LAKE	2	M662	6.3
LONGWOOD	SPRING LAKE	2	M663	10.7
LONGWOOD	SPRING LAKE	2	M664	9.7
LONGWOOD	SPRING LAKE	1	M666	4.7
LONGWOOD	SPRING LAKE	1	M667	6.0
LONGWOOD	SPRING LAKE	1	M668	10.6
LONGWOOD	SPRING LAKE	3	M669	7.0
LONGWOOD	SPRING LAKE	3	M670	1.9
MONTICELLO	ST GEORGE ISLAND	1	N233	9.4
MONTICELLO	ST GEORGE ISLAND	1	N234	4.1
MONTICELLO	ST MARKS WEST	2	N331	3.8

MONTICELLO	ST MARKS WEST	1	N332	6.9
MONTICELLO	ST MARKS WEST	2	N336	2.9
WALSINGHAM	STARKEY ROAD	1	J112	7.5
WALSINGHAM	STARKEY ROAD	1	J113	6.7
WALSINGHAM	STARKEY ROAD	1	J114	7.9
WALSINGHAM	STARKEY ROAD	2	J115	9.3
WALSINGHAM	STARKEY ROAD	2	J116	9.4
WALSINGHAM	STARKEY ROAD	2	J117	5.0
WALSINGHAM	STARKEY ROAD	2	J118	9.3
HIGHLANDS	SUN N LAKES	2	K1135	7.8
HIGHLANDS	SUN N LAKES	2	K1136	6.0
HIGHLANDS	SUN N LAKES	2	K1137	2.7
HIGHLANDS	SUN N LAKES	1	K1296	7.4
HIGHLANDS	SUN N LAKES	1	K1297	5.8
HIGHLANDS	SUN N LAKES	1	K1300	6.1
JAMESTOWN	SUNFLOWER	1	W0469	5.5
JAMESTOWN	SUNFLOWER	1	W0470	10.7
JAMESTOWN	SUNFLOWER	1	W0471	7.7
JAMESTOWN	SUNFLOWER	2	W0472	6.4
JAMESTOWN	SUNFLOWER	2	W0473	8.8
JAMESTOWN	SUNFLOWER	2	W0474	10.9
JAMESTOWN	SUNFLOWER	1	W0475	8.2
MONTICELLO	SUWANNEE DISTRIBUTION	1	N323	2.2
MONTICELLO	SUWANNEE DISTRIBUTION	1	N324	3.7
MONTICELLO	SUWANNEE DISTRIBUTION	2	N325	4.4
S. E. ORLANDO	TAFT	2	K1023	6.3
S. E. ORLANDO	TAFT	2	K1024	11.7
S. E. ORLANDO	TAFT	2	K1025	11.8
S. E. ORLANDO	TAFT	1	K1026	8.9
S. E. ORLANDO	TAFT	1	K1027	4.4
S. E. ORLANDO	TAFT	1	K1028	7.8
INVERNESS	TANGERINE	2	A262	10.2
INVERNESS	TANGERINE	2	A263	4.6
INVERNESS	TANGERINE	2	A264	4.5
SEVEN SPRINGS	TARPON SPRINGS	2	C301	7.0
SEVEN SPRINGS	TARPON SPRINGS	2	C302	8.8
SEVEN SPRINGS	TARPON SPRINGS	2	C303	9.4
SEVEN SPRINGS	TARPON SPRINGS	1	C304	10.5
SEVEN SPRINGS	TARPON SPRINGS	2	C305	10.4
SEVEN SPRINGS	TARPON SPRINGS	1	C306	8.2
SEVEN SPRINGS	TARPON SPRINGS	1	C307	11.7
SEVEN SPRINGS	TARPON SPRINGS	1	C308	9.3
HIGHLANDS	TAUNTON ROAD	1	K1081	5.4
HIGHLANDS	TAUNTON ROAD	1	K1083	3.6

APOPKA	TAVARES EAST	1	M580	7.1
APOPKA	TAVARES EAST	1	M581	4.6
WALSINGHAM	TAYLOR AVENUE	2	J2901	5.9
WALSINGHAM	TAYLOR AVENUE	2	J2902	6.0
WALSINGHAM	TAYLOR AVENUE	2	J2903	9.4
WALSINGHAM	TAYLOR AVENUE	2	J2904	9.2
WALSINGHAM	TAYLOR AVENUE	1	J2905	8.6
WALSINGHAM	TAYLOR AVENUE	1	J2906	8.9
WALSINGHAM	TAYLOR AVENUE	1	J2907	10.9
ST. PETERSBURG	THIRTY SECOND STREET	1	X22	10.7
ST. PETERSBURG	THIRTY SECOND STREET	1	X23	3.9
ST. PETERSBURG	THIRTY SECOND STREET	1	X24	5.1
ST. PETERSBURG	THIRTY SECOND STREET	1	X25	7.8
ST. PETERSBURG	THIRTY SECOND STREET	2	X26	8.1
ST. PETERSBURG	THIRTY SECOND STREET	2	X27	11.5
ST. PETERSBURG	THIRTY SECOND STREET	2	X28	8.7
ST. PETERSBURG	THIRTY SECOND STREET	3	X29	7.8
ST. PETERSBURG	THIRTY SECOND STREET	3	X30	11.7
ST. PETERSBURG	THIRTY SECOND STREET	3	X37	9.1
MONTICELLO	TRENTON	1	A90	6.5
MONTICELLO	TRENTON	1	A91	2.1
WALSINGHAM	TRI CITY	3	J5030	7.5
WALSINGHAM	TRI CITY	3	J5032	9.4
WALSINGHAM	TRI CITY	2	J5034	10.3
WALSINGHAM	TRI CITY	2	J5036	8.1
WALSINGHAM	TRI CITY	2	J5038	7.7
WALSINGHAM	TRI CITY	3	J5040	8.3
INVERNESS	TROPIC TERRACE	2	A207	7.0
INVERNESS	TROPIC TERRACE	2	A208	2.6
INVERNESS	TROPIC TERRACE	1	A212	5.9
DELAND	TURNER PLANT	8	W0761	8.4
DELAND	TURNER PLANT	8	W0762	6.1
DELAND	TURNER PLANT	1	W0763	6.8
DELAND	TURNER PLANT	1	W0764	5.7
INVERNESS	TWIN COUNTY RANCH	1	A216	5.0
INVERNESS	TWIN COUNTY RANCH	2	A218	5.9
INVERNESS	TWIN COUNTY RANCH	2	A219	4.4
INVERNESS	TWIN COUNTY RANCH	1	A221	5.5
JAMESTOWN	UCF	1	W1012	8.5
JAMESTOWN	UCF	1	W1013	9.3
JAMESTOWN	UCF	1	W1014	2.6
JAMESTOWN	UCF	2	W1015	7.5
JAMESTOWN	UCF	2	W1016	10.8
JAMESTOWN	UCF	2	W1017	6.3

JAMESTOWN	UCF	2	W1018	5.7
JAMESTOWN	UCF NORTH	3	W0940	1.2
JAMESTOWN	UCF NORTH	1	W0942	2.2
JAMESTOWN	UCF NORTH	1	W0980	12.2
JAMESTOWN	UCF NORTH	2	W0981	7.1
JAMESTOWN	UCF NORTH	2	W0982	6.4
JAMESTOWN	UCF NORTH	1	W0983	5.9
JAMESTOWN	UCF NORTH	3	W0988	1.2
JAMESTOWN	UCF NORTH	1	W0989	3.2
JAMESTOWN	UCF NORTH	2	W0992	11.2
JAMESTOWN	UCF NORTH	3	W0994	10.3
WALSINGHAM	ULMERTON	1	J240	7.4
WALSINGHAM	ULMERTON	1	J241	4.2
WALSINGHAM	ULMERTON	1	J242	11.4
WALSINGHAM	ULMERTON	1	J243	8.7
WALSINGHAM	ULMERTON	2	J244	5.7
WALSINGHAM	ULMERTON	2	J245	5.2
WALSINGHAM	ULMERTON	2	J246	4.7
WALSINGHAM	ULMERTON	2	J247	4.0
WALSINGHAM	ULMERTON	1	J248	8.8
WALSINGHAM	ULMERTON WEST	1	J680	7.0
WALSINGHAM	ULMERTON WEST	1	J682	9.3
WALSINGHAM	ULMERTON WEST	1	J684	9.4
WALSINGHAM	ULMERTON WEST	2	J689	4.7
WALSINGHAM	ULMERTON WEST	2	J690	8.0
WALSINGHAM	ULMERTON WEST	2	J691	7.2
WALSINGHAM	ULMERTON WEST	2	J692	6.5
APOPKA	UMATILLA	2	M4405	6.9
APOPKA	UMATILLA	1	M4407	8.1
APOPKA	UMATILLA	1	M4408	5.1
BUENA VISTA	VINELAND	1	K901	7.7
BUENA VISTA	VINELAND	2	K903	10.1
BUENA VISTA	VINELAND	2	K904	9.0
BUENA VISTA	VINELAND	3	K906	10.0
BUENA VISTA	VINELAND	1	K907	6.1
BUENA VISTA	VINELAND	2	K909	5.1
BUENA VISTA	VINELAND	2	K910	7.0
BUENA VISTA	VINELAND	3	K912	5.4
BUENA VISTA	VINELAND	1	K913	9.2
BUENA VISTA	VINELAND	3	K915	7.5
BUENA VISTA	VINELAND	1	K917	10.4
BUENA VISTA	VINELAND	3	K919	6.5
ST. PETERSBURG	VINOY	1	X70	10.2
ST. PETERSBURG	VINOY	2	X71	11.5

ST. PETERSBURG	VINOY	2	X72	9.2
ST. PETERSBURG	VINOY	2	X74	1.8
ST. PETERSBURG	VINOY	2	X75	4.2
ST. PETERSBURG	VINOY	1	X76	5.0
ST. PETERSBURG	VINOY	1	X77	3.8
ST. PETERSBURG	VINOY	1	X78	11.5
ST. PETERSBURG	VINOY	1	X79	4.3
ST. PETERSBURG	VINOY	1	X80	6.9
WALSINGHAM	WALSINGHAM	2	J551	10.5
WALSINGHAM	WALSINGHAM	2	J552	9.7
WALSINGHAM	WALSINGHAM	2	J553	7.5
WALSINGHAM	WALSINGHAM	2	J554	9.7
WALSINGHAM	WALSINGHAM	1	J555	8.5
WALSINGHAM	WALSINGHAM	1	J556	8.9
WALSINGHAM	WALSINGHAM	1	J557	11.0
WALSINGHAM	WALSINGHAM	1	J558	8.0
MONTICELLO	WAUKEENAH	1	N64	2.4
MONTICELLO	WAUKEENAH	1	N65	2.7
OCALA	WEIRSDALE	1	A321	7.3
OCALA	WEIRSDALE	2	A322	5.5
APOPKA	WEKIVA	1	M101	10.2
APOPKA	WEKIVA	2	M103	4.7
APOPKA	WEKIVA	2	M104	4.7
APOPKA	WEKIVA	1	M106	6.3
APOPKA	WEKIVA	1	M107	6.6
APOPKA	WEKIVA	2	M109	5.7
APOPKA	WEKIVA	2	M110	8.4
APOPKA	WEKIVA	1	M112	5.4
APOPKA	WEKIVA	2	M113	6.2
APOPKA	WEKIVA	1	M115	4.6
APOPKA	WELCH ROAD	1	M542	8.2
APOPKA	WELCH ROAD	1	M543	5.4
APOPKA	WELCH ROAD	3	M545	7.3
APOPKA	WELCH ROAD	3	M548	8.0
APOPKA	WELCH ROAD	1	M550	7.0
APOPKA	WELCH ROAD	1	M552	6.3
APOPKA	WELCH ROAD	3	M554	8.4
JAMESTOWN	WEST CHAPMAN	3	W0700	4.5
JAMESTOWN	WEST CHAPMAN	2	W0702	5.9
JAMESTOWN	WEST CHAPMAN	3	W0703	8.2
JAMESTOWN	WEST CHAPMAN	2	W0705	4.0
JAMESTOWN	WEST CHAPMAN	3	W0708	11.3
LAKE WALES	WEST DAVENPORT	2	K1521	12.2
LAKE WALES	WEST DAVENPORT	1	K1523	7.8



LAKE WALES	WEST DAVENPORT	1	K1524	6.3
LAKE WALES	WEST DAVENPORT	2	K1526	14.4
LAKE WALES	WEST DAVENPORT	1	K1529	11.3
LAKE WALES	WEST LAKE WALES	2	K866	5.8
LAKE WALES	WEST LAKE WALES	2	K871	2.0
BUENA VISTA	WESTRIDGE	1	K420	8.8
BUENA VISTA	WESTRIDGE	2	K421	9.5
BUENA VISTA	WESTRIDGE	1	K425	12.4
BUENA VISTA	WESTRIDGE	2	K426	7.5
BUENA VISTA	WESTRIDGE	2	K428	5.4
BUENA VISTA	WESTRIDGE	2	K429	10.8
S. E. ORLANDO	WEWAHOOTEE	1	W1197	1.8
S. E. ORLANDO	WEWAHOOTEE	1	W1198	0.9
MONTICELLO	WHITE SPRINGS	2	N375	2.6
OCALA	WILDWOOD CITY	1	A395	10.5
OCALA	WILDWOOD CITY	2	A396	6.5
OCALA	WILDWOOD CITY	2	A397	3.4
OCALA	WILDWOOD CITY	1	A398	4.0
INVERNESS	WILLISTON	1	A124	6.8
INVERNESS	WILLISTON	2	A125	9.2
WINTER GARDEN	WINDERMERE	3	K302	7.3
WINTER GARDEN	WINDERMERE	1	K303	8.7
WINTER GARDEN	WINDERMERE	1	K304	7.4
WINTER GARDEN	WINTER GARDEN	2	K201	7.9
WINTER GARDEN	WINTER GARDEN	2	K202	10.2
WINTER GARDEN	WINTER GARDEN	2	K203	10.0
WINTER GARDEN	WINTER GARDEN	1	K204	11.2
WINTER GARDEN	WINTER GARDEN	1	K205	13.9
WINTER GARDEN	WINTER GARDEN	1	K206	10.0
WINTER GARDEN	WINTER GARDEN	1	K207	12.1
LONGWOOD	WINTER PARK	4	W0014	1.4
LONGWOOD	WINTER PARK	4	W0015	8.1
LONGWOOD	WINTER PARK	4	W0016	7.0
JAMESTOWN	WINTER PARK EAST	1	W0924	12.3
JAMESTOWN	WINTER PARK EAST	1	W0925	11.3
JAMESTOWN	WINTER PARK EAST	1	W0926	9.5
JAMESTOWN	WINTER PARK EAST	1	W0927	8.8
JAMESTOWN	WINTER PARK EAST	3	W0928	8.9
JAMESTOWN	WINTER PARK EAST	3	W0929	12.1
JAMESTOWN	WINTER PARK EAST	3	W0930	6.1
JAMESTOWN	WINTER PARK EAST	3	W0931	10.5
JAMESTOWN	WINTER SPRINGS	3	W0187	11.6
JAMESTOWN	WINTER SPRINGS	3	W0188	10.1
JAMESTOWN	WINTER SPRINGS	3	W0189	8.5

JAMESTOWN	WINTER SPRINGS	1	W0192	10.6
JAMESTOWN	WINTER SPRINGS	1	W0193	5.2
JAMESTOWN	WINTER SPRINGS	1	W0194	7.3
JAMESTOWN	WINTER SPRINGS	2	W0195	8.9
JAMESTOWN	WINTER SPRINGS	2	W0196	8.7
APOPKA	WOLF LAKE	1	M563	8.5
APOPKA	WOLF LAKE	1	M564	7.4
WINTER GARDEN	WOODSMERE	3	M252	6.2
WINTER GARDEN	WOODSMERE	3	M253	4.3
WINTER GARDEN	WOODSMERE	3	M254	6.4
WINTER GARDEN	WOODSMERE	4	M255	7.1
WINTER GARDEN	WOODSMERE	4	M256	8.1
BUENA VISTA	WORLD GATEWAY	1	K187	9.3
BUENA VISTA	WORLD GATEWAY	1	K189	6.3
APOPKA	ZELLWOOD	1	M31	3.9
APOPKA	ZELLWOOD	1	M32	4.1
APOPKA	ZELLWOOD	2	M33	9.5
APOPKA	ZELLWOOD	2	M34	7.3
ZEPHYRHILLS	ZEPHYRHILLS	2	C851	11.0
ZEPHYRHILLS	ZEPHYRHILLS	2	C852	8.8
ZEPHYRHILLS	ZEPHYRHILLS	2	C853	5.1
ZEPHYRHILLS	ZEPHYRHILLS	1	C854	5.5
ZEPHYRHILLS	ZEPHYRHILLS	1	C855	9.3
ZEPHYRHILLS	ZEPHYRHILLS	1	C856	11.4
ZEPHYRHILLS	ZEPHYRHILLS	1	C857	5.3
ZEPHYRHILLS	ZEPHYRHILLS NORTH	2	C340	8.5
ZEPHYRHILLS	ZEPHYRHILLS NORTH	2	C341	8.5
ZEPHYRHILLS	ZEPHYRHILLS NORTH	1	C342	8.0
ZEPHYRHILLS	ZEPHYRHILLS NORTH	1	C343	13.0
ZEPHYRHILLS	ZEPHYRHILLS NORTH	1	C344	8.9
ZEPHYRHILLS	ZEPHYRHILLS NORTH	2	C345	4.8
OCALA	ZUBER	1	A202	9.3
OCALA	ZUBER	1	A203	5.1
OCALA	ZUBER	2	A204	8.1
OCALA	ZUBER	2	A205	5.2

# ATTACHMENT G

2023 FEEDER SPECIFIC DATA

PROVIDED ON CD

# ATTACHMENT H

**FPSC Formal (15 day/logged) complaints**

Complaint Category														2023 Month End Total												2023 YR End
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Outages - Momentary	18	10	27	15	12	8	6	8	7	15	11	3	5	0	0	0	1	0	1	2	1	0	0	0	0	5
Outages - Frequent	21	29	35	53	38	39	35	77	47	35	22	25	32	0	0	2	1	3	5	5	7	3	4	1	1	32
Outages - Extended	12	2	2	5	5	2	23	10	13	7	2	8	6	0	0	0	0	0	1	2	2	0	0	0	1	6
Voltage	4	0	3	2	3	5	2	3	7	10	2	3	7	1	0	1	0	1	0	4	0	0	0	0	0	7
Equipment/Facilities	12	9	6	5	4	4	10	16	13	12	18	7	15	0	0	0	1	2	1	5	0	1	1	2	2	15
Tree Trimming	11	8	9	9	6	6	6	6	8	7	3	7	7	2	1	1	0	0	1	0	0	1	1	0	0	7
Safety	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>79</b>	<b>58</b>	<b>84</b>	<b>90</b>	<b>68</b>	<b>64</b>	<b>82</b>	<b>120</b>	<b>95</b>	<b>86</b>	<b>58</b>	<b>53</b>	<b>72</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>6</b>	<b>9</b>	<b>18</b>	<b>10</b>	<b>5</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>72</b>

Received Jan 1 to Dec 31, 2023

DEF logged as Power Quality & Reliability

Date Received	PSC Complaint #	DEF Category	PSC Ruling	PSC Closure Code
6/22/2023	1423770	Outage	Non-Infraction	GI-15 Outages
10/13/2023	1431645E	Outage	Non-Infraction	GI-15 Outages
3/15/2023	1417927E	Lighting	Non-Infraction	GI-11 Repair Service
5/15/2023	1421615E	Outage	Non-Infraction	GI-72 3-Day Resolution
7/27/2023	1425784E	Outage	Non-Infraction	GI-15 Outages
7/5/2023	1424369E	Outage	Non-Infraction	GI-15 Outages
4/28/2023	1420836E	Equipment/Facilities Issues	Non-Infraction	GI-08 Rules & Tariffs
11/13/2023	1433521E	Outage		
8/22/2023	1427833E	Outage	Non-Infraction	GI-15 Outages
3/13/2023	1417795E	Outage	Non-Infraction	GI-15 Outages
3/6/2023	1417234E	Outage	Non-Infraction	GI-15 Outages
1/3/2023	1413003E	Equipment/Facilities Issues	Non-Infraction	GI-72 3-Day Resolution
7/26/2023	1425743E	Equipment/Facilities Issues		
7/10/2023	1424651E	Outage	Non-	GI-15 Outages
4/27/2023	1420740E	Outage	Non-Infraction	GI-15 Outages
1/17/2023	1413463E	Voltage Problems	Non-Infraction	GI-11 Repair Service
7/6/2023	1424467E	Outage	Non-Infraction	GI-15 Outages
8/2/2023	1426281E	Outage	Non-Infraction	GI-15 Outages
7/17/2023	1425055E	Equipment/Facilities Issues	Non-Infraction	GI-15 Outages
3/10/2023	1417715E	Voltage Problems	Non-Infraction	GI-11 Repair Service
4/17/2023	1420019E	Outage	Non-Infraction	GI-15 Outages
5/2/2023	1420981E	Equipment/Facilities Issues	Non-Infraction	GI-15 Outages
7/18/2023	1425205E	Outage		
5/17/2023	1421744E	Outage	Non-	GI-15 Outages
5/23/2023	1422021E	Outage	Non-Infraction	GI-15 Outages
5/25/2023	1422202E	Outage	Non-Infraction	GI-15 Outages
5/26/2023	1422287E	Voltage Problems	Non-Infraction	GI-15 Outages
5/30/2023	1422375E	Equipment/Facilities Issues	Non-Infraction	GI-11 Repair Service

Received Jan 1 to Dec 31, 2023

PSC Service Reliability Only Closure Codes

Date Received	PSC Complaint #	DEF Category	PSC Closure Code
6/22/2023	1423770	Outage	GI-15 Outages
10/13/2023	1431645E	Outage	GI-15 Outages
3/15/2023	1417927E	Lighting	GI-11 Repair Service
9/12/2023	1429140E	High Bills	GI-25 Improper Billing
1/27/2023	1414518E	Orders	GI-29 Delay in Connection
3/28/2023	1419014E	Orders	GI-29 Delay in Connection
3/27/2023	1418808E	Energy Protection	ES-13 Service Refused
4/25/2023	1420567E	Customer Privacy	GI-29 Delay in Connection
6/6/2023	1422778E	Orders	GI-29 Delay in Connection
6/6/2023	1422788E	Orders	GI-29 Delay in Connection
6/21/2023	1423637E	Right of way/Easement	GI-30 Quality of Service
6/26/2023	1423882E	Energy Protection	GI-29 Delay in Connection
7/6/2023	1424445E	Orders	
9/15/2023		Orders	GI-29 Delay in Connection
9/20/2023		Orders	GI-29 Delay in Connection
9/29/2023	1430760E	Vegetation Management Distribution	GI-30 Quality of Service
11/30/2023	1434656E	Orders	
12/5/2023	1435026E	Orders	
12/15/2023	1435811E	Orders	
7/27/2023	1425784E	Outage	GI-15 Outages
7/5/2023	1424369E	Outage	GI-15 Outages
4/28/2023	1420836E	Equipment/Facilities Issues	GI-08 Rules & Tariffs
11/13/2023	1433521E	Outage	
8/22/2023	1427833E	Outage	GI-15 Outages
3/13/2023	1417795E	Outage	GI-15 Outages
3/6/2023	1417234E	Outage	GI-15 Outages
1/6/2023	1413278E	Orders	GI-29 Delay in Connection
7/26/2023	1425743E	Equipment/Facilities Issues	

6/21/2023	1423662E	Outage	Non-	GI-15 Outages	
6/22/2023	1423698E	Outage	Non-	GI-15 Outages	
6/27/2023	1423959E	Outage	Non- Infraction	GI-15 Outages	
6/27/2023	1423824E	Outage	Non- Infraction	GI-15 Outages	
6/27/2023	1423992E	Outage	Non- Infraction	GI-15 Outages	
6/27/2023	1423995E	Outage	Non- Infraction	GI-15 Outages	
6/28/2023	1424057E	Equipment/Facilities Issues	Non- Infraction	GI-11 Repair Service	
7/6/2023	1424515E	Outage	Infraction	No Advance Notice of Scheduled Outage	
7/17/2023	1425115E	Voltage Problems	Non- Infraction	GI-11 Repair Service	
7/11/2023	1424771E	Voltage Problems	Non- Infraction	GI-15 Outages	
7/13/2023	1424892E	Outage			
7/13/2023	1424895E	Equipment/Facilities Issues	Non- Infraction	GI-11 Repair Service	
7/19/2023	1425248E	Voltage Problems	Non-	GI-11 Repair Service	
7/19/2023	1425236E	Lighting	Non- Infraction	GI-72 3-Day Resolution	
7/21/2023	1425421E	Outage	Non- Infraction	GI-15 Outages	
7/21/2023	1425455E	Equipment/Facilities Issues	Non- Infraction	GI-72 3-Day Resolution	
7/25/2023	1425613E	Voltage Problems	Non- Infraction	GI-11 Repair Service	
7/27/2023	1425807E	Outage	Non- Infraction	GI-15 Outages	
7/28/2023	1425870E	Equipment/Facilities Issues	Non- Infraction	GI-11 Repair Service	
7/28/2023	1425900	Equipment/Facilities Issues	Non- Infraction	GI-11 Repair Service	
8/3/2023	1426388E	Outage	Non- Infraction	GI-15 Outages	
8/9/2023	1426816E	Outage	Non- Infraction	GI-15 Outages	
8/10/2023	1426955E	Equipment/Facilities Issues	Non- Infraction	GI-17 Safety Issues	
8/10/2023	1426965E	Outage	Non- Infraction	GI-15 Outages	
8/11/2023	1427081E	Outage	Non-	GI-15 Outages	
8/16/2023	1427432E	Outage	Non- Infraction	GI-15 Outages	
8/23/2023	1427881E	Outage	Non-	GI-15 Outages	
8/23/2023	1427882E	Outage	Non- Infraction	GI-15 Outages	
8/25/2023	1428132E	Outage	Non- Infraction	GI-15 Outages	
9/12/2023	1429134E	Equipment/Facilities Issues	Non- Infraction	GI-15 Outages	
9/13/2023	1429310E	Outage	Non- Infraction	GI-15 Outages	
9/13/2023	1429315E	Outage	Non- Infraction	GI-05 High Bill	
9/20/2023	1429898E	Outage	Non- Infraction	GI-15 Outages	
10/5/2023	1431093E	Equipment/Facilities Issues			

1/10/2023	1413434E	Renewables		EB-28 Improper Billing Statement	
7/10/2023	1424651E	Outage		GI-15 Outages	
4/27/2023	1420740E	Outage		GI-15 Outages	
1/17/2023	1413463E	Voltage Problems		GI-11 Repair Service	
1/19/2023	1413917E	Vegetation Management Distribution		GI-11 Repair Service	
2/2/2023	1415032E	Renewables		GI-29 Delay in Connection	
7/6/2023	1424467E	Outage		GI-15 Outages	
8/2/2023	1426281E	Outage		GI-15 Outages	
1/26/2023	1414383E	Payment Options		GI-25 Improper Billing	
1/30/2023	1414667E	Claims		NJ-04 Damage Claim	
7/17/2023	1425055E	Equipment/Facilities Issues		GI-15 Outages	
1/9/2023	1413315E	Orders		GI-29 Delay in Connection	
2/10/2023	1415572E	High Bills		GI-29 Delay in Connection	
2/22/2023	1416298E	Vegetation Management Distribution		NJ-04 Damage Claim	
2/15/2023	1415914E	Renewables		GI-30 Quality of Service	
1/26/2023	1414470E	Vegetation Management Transmission		GI-30 Quality of Service	
2/24/2023	1416406E	High Bills		GI-28 Improper Disconnect	
2/28/2023	1416553E	Renewables		EB-01 Improper Rates Applied	
3/21/2023	1418290E	Renewables		GI-29 Delay in Connection	
3/8/2023	1417467E	Energy Protection		GI-29 Delay in Connection	
6/6/2023	1422776E	Orders		GI-29 Delay in Connection	
3/10/2023	1417715E	Voltage Problems		GI-11 Repair Service	
3/13/2023	1417793E	Orders		GI-11 Repair Service	
3/20/2023	1418207E	Vegetation Management Distribution		GI-18 Tree Trimming	
3/22/2023	1418435E	Energy Protection		GI-29 Delay in Connection	
5/12/2023	1421519E	Safety/Health		GI-30 Quality of Service	
4/6/2023	1419577E	Claims		GI-17 Safety Issues	
4/6/2023	1419584E	Renewables		EB-01 Improper Rates Applied	
4/7/2023	1419619E	Customer Privacy		GI-08 Rules & Tariffs	
4/12/2023	1419812E	Orders		GI-17 Safety Issues	
3/30/2023	1419213E	Orders		GI-29 Delay in Connection	
4/17/2023	1420019E	Outage		GI-15 Outages	
11/20/2023	1434063E	Disconnect Non-Pay			
5/2/2023	1420981E	Equipment/Facilities Issues		GI-15 Outages	







# ATTACHMENT I



Stephanie A. Cuello  
SENIOR COUNSEL

May 2, 2022

**VIA ELECTRONIC FILING**

Adam J. Teitzman, Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Re: *2022 Wood Pole Inspection Plan; Docket No. Undocketed*

Dear Mr. Teitzman:

Pursuant to the requirements of Order No. PSC-06-0144-PAA-EI, on behalf of Duke Energy Florida, LLC ("DEF"), please find enclosed for electronic filing, DEF's 2022 Wood Pole Inspection Plan.

Thank you for your assistance in this matter and if you have any questions, please feel free to contact me at (850) 521-1425.

Sincerely,

*s/ Stephanie A. Cuello*

Stephanie A. Cuello

SAC/mw  
Enclosure



# Comprehensive Wood Pole Inspection Plan

May 2, 2022

## **Purpose and Intent of the Plan:**

To implement and update a wood pole inspection program that complies with FPSC Order No. PSC-06-0144-PAA-EI issued February 27, 2006 (the “Plan”). The Plan concerns inspection of wooden transmission and distribution poles, as well as pole inspections for strength requirements related to pole attachments. The Plan is based on the requirements of the National Electric Safety Code (“NESC”) and an average eight-year inspection cycle. The Plan provides a detailed program for gathering pole-specific data, pole inspection enforcement, co-located pole inspection, and estimated program funding. This Plan also sets forth pole inspection standards utilized by Duke Energy Florida (“DEF”) that meet or exceed the requirements of the NESC.

The Plan includes the following specific sub-plans:

- Transmission Wood Pole Inspection Plan (“Transmission Plan”).
- Distribution Wood Pole Inspection Plan (“Distribution Plan”).
- Joint Use Wood Pole Inspection Plan (“Joint Use Plan”).

These three inspection sub-plans are outlined and described below. All of these sub-plans will be evaluated on an ongoing basis to address trends, external factors beyond the Company’s control (such as storms and other weather events), and cost effectiveness.

## **1) Transmission Wood Pole Inspection Plan**

### **A. Introduction**

Ground-line inspection programs detect decay and mechanical damage of in-service wood poles. As required, DEF assesses poles and structures for incremental attachments that may create additional loads. Poles that can no longer maintain the safety margins required by the NESC (ANSI C2-2002) will be remediated. The inspections result in one of three or a combination of the following actions: (1) No action required; (2) Repair; (3) Replacement. (DEF’s Transmission Department follows TECP-MIM-TRM-00118, Transmission Wood Structure Inspection Guidelines as assurance of the implementation of the plan.)

### **B. General Plan Provisions**

#### **(i). Pole Inspection Selection Criteria**

Transmission performs ground patrols to inspect transmission system line assets to allow for the planning, scheduling, and prioritization of corrective and preventative maintenance work. These patrols assess the overall condition of the assets including insulators, connections, grounding, and signs, as well as an

# Comprehensive Wood Pole Inspection Plan

May 2, 2022

assessment of pole integrity. These patrols are done on a four-year cycle. The ground patrol inspections categorize wood poles into four conditions, Priority 0, 1, 2, or 9.

In performing inspection and patrols, the following Transmission Line Wood Poles Inspection State Categories shall apply:

**Priority 9** is described as meeting ANY of the conditions listed below and should have a repair work order written:

- The structure or its components need repair or maintenance on non-critical components, however, there is no safety or reliability risk. For example, minor woodpecker holes meeting the following criteria:
  - Woodpecker holes are not located in critical pole locations
  - Woodpecker holes are smaller than “softball” size in diameter and will not hold water

**Priority 2** is described as meeting ANY of the conditions listed below and should have a replacement work order written. These poles have a low probability of causing an outage.

- Hammer test or probing at ground-line reveals internal rot, decay, or hollowness with a shell thickness of 2 - 4 inches is found at any location.
- Hammer test or probing at ground-line reveals rot or decay extends 3 or more inches into the pole along more than one-quarter of the pole circumference.
- Contractor “effective diameter” calculations determine the pole has lost more than 33 percent of the original pole strength.
- Hammer test reveals significant shell cracking or soft wood, indicated by sound or caving of the wood.
- Woodpecker holes contain extensive nesting cavities in critical locations, including vicinity of cross-arm, plank-arm, cross-brace, guy, or insulator connections
- Woodpecker holes are extensive and generally at least “softball” sized.
- Pole checks up the pole reveal significant evidence of decay, insect damage, or shell separation, as indicated by caving the pole, sawdust, or sound.
- Longitudinal pole deflection is between 3 – 5 feet.
- Transverse pole deflection is more than 20 degrees.
- Earth washout at the pole base is so substantial that it requires replacement.
- Pole must meet NESC “at replacement” strength requirements, which occurs when at least two-thirds of the original required pole strength remains. This is specified in the NESC Code, Table 26101A, Footnote 2.

**Priority 1** is described as meeting ANY of the conditions listed below. This pole should have a replacement work order written and prioritized for replacement.

- Hammer test or probing at ground-line reveals internal rot, decay, or hollowness with a shell thickness of 2 inches or less is found in any location.

# Comprehensive Wood Pole Inspection Plan

May 2, 2022

- Hammer test or probing at ground-line reveals rot or decay that extends more than 2 inches into the pole along more than one-quarter of the pole circumference.
- Contractor “effective diameter” calculations determine the pole has lost more than 50 percent of the original pole strength.
- Woodpecker holes extend through the pole and daylight is visible.
- Longitudinal pole deflection exceeds 5 feet.
- Extensive longitudinal cracking exists through critical attachments of the pole
- Earth washout at the pole base compromises the pole integrity.

**Priority 0** are immediate Pole Replacements and meet any of the following criteria:

- Structure or equipment issues that have a significant and immediate impact on the health and safety of personnel, the environment, or the general public and require immediate attention.
- These issues pose immediate risks to safety or system integrity.

(ii). Ground-Line Inspections

Ground-line inspections of wood transmission poles are conducted on an average 8-year cycle. This results in, on average, approximately 12.5% of the remaining population of wood poles receiving this type of inspection on an annual basis. (Reference: TECP-MIM-TRM-00118 for inspection requirements.)

Soil excavation requirements

Excavation should only be initiated after it is determined that the sounding test or visual inspection up the pole does not already deem that the pole needs to be replaced. Soil is to be removed around the entire pole to a depth of 12 inches. The hole shall extend at least 4 inches from the pole at the 12-inch depth and 10 inches from the pole at ground-line.

If any sign of decay, soft wood, hollowness, or abnormal coloration is found, the pole is also to be probed or drilled with a suitable tool to ascertain the extend of the deterioration. CCA poles 15 years old or less are not to be excavated unless decay is found during sounding and probing.

Boring requirements

When borings are required a 3/8” diameter boring shall be drilled adjacent to where the most suspected decay is found during the sounding test. If no decay is suspected, the boring shall be taken near the deepest check. If there are no checks the boring shall be taken on either side of the pole in the same direction as the line is facing. The boring shall begin pole entry at ground-line, be taken at a 45-degree angle, and proceed past the center of the pole. If decay pockets are detected, a minimum of two additional borings shall be taken to determine the extent of decay. Any pole with a hollow center shall have the thickness determined with a shell depth indicator. All inspection holes shall be plugged with tightly fitting CCA-treated wood dowels.



# Comprehensive Wood Pole Inspection Plan

May 2, 2022

## Pole Treatment requirements

Duke Energy no longer treats transmission poles. When poles are found to have decay or are found to be hollow, a replacement work order is created to replace the wood structure with a non-wood replacement.

## (iii) Structural Integrity Evaluation

- See Joint Use Pole Inspection Plan, section B, paragraph (ii).

## (iv) Records and Reporting

A pole inspection report will be filed with the Florida Public Service Commission by March 1<sup>st</sup> of each year. The report shall contain the following information:

- 1) A description of the methods used for structural analysis and pole inspection.
- 2) A description of the selection criteria that was used to determine which poles would be inspected.
- 3) A summary report of the inspection data including the following:
  - a. Total number of wood poles in Company inventory. \*
  - b. Number of pole inspections planned.
  - c. Number of poles inspected.
  - d. Number of poles failing inspection.
  - e. Pole failure rate (%) of poles inspected.
  - f. Number of poles designated for replacement.
  - g. Total number of poles replaced.
  - h. Number of poles requiring minor follow-up. \*
  - i. Number of poles overloaded. \*
  - j. Methods of inspection used.
  - k. Number of pole inspections planned for next annual inspection cycle.
  - l. Total number of poles inspected (cumulative) in the 8-year cycle to date.
  - m. Percentage of poles inspected (cumulative) in the 8-year cycle to date.
- 4) A pole inspection report that contains the following detailed information:
  - a. Transmission circuit name.
  - b. Pole identification number.
  - c. Inspection results.
  - d. Remediation recommendation.
  - e. Status of remediation.

\*Estimates based on averages and previous years completions.



# Comprehensive Wood Pole Inspection Plan

May 2, 2022

## C. Program Cost and Funding

DEF continues to meet the obligations set forth in Order No. PCS-06-0144-PAA-EI. The number of poles inspected per year will start at approximately 2,100 poles but may vary from year to year depending on previous years' accomplishments.

DEF is currently on track to meet the 8-year cycle requirements. The number of poles inspected may vary year to year depending on the previous year's accomplishments with the intent to complete inspections in the required timeframe. The estimated figures in the chart below are "best estimates," given information and facts known at this time and are subject to change or modification.

### Wood Pole Program Cost Estimates

<b>Annual Unit &amp; Cost Estimate</b>		
Cycle		
Years per cycle	8	
Poles inspected per year	2,100	On average; may vary year to year
Assumed poles replaced <sup>(1)</sup>	5%	Current future projections
O&M Cost		
GL Inspection & Treatment	\$400,000	On average; may vary year to year

Note 1: Assumption is made that approximately 5% of the poles inspected will be identified for replacement.

## 2) Distribution Wood Pole Inspection Plan

### A. Introduction

In accordance with FPSC Order No. PSC-06-0144-PAA-EI, DEF's Distribution Department inspects Company-owned wood poles on an average 8-year cycle. These inspections determine the extent of pole decay and any associated loss of strength. The information gathered from these inspections is used to determine pole replacements and to effectuate the extension of pole life through treatment and reinforcement. Additionally, information collected from the wood pole inspections is used to populate regulatory reporting requirements, provide data for loading analyses, identify other equipment maintenance issues, and used to track the results of the inspection program over time.

### B. General Plan Provisions

#### (i). Ground-line Inspection Purpose



## Comprehensive Wood Pole Inspection Plan

May 2, 2022

- The ground-line inspection process is the industry standard for determining the existing condition of wood pole assets. This inspection helps to determine extent of decay and the remaining strength of a pole. Ground-line inspections also provide insight into the remaining life of a wood pole.
- The ground-line inspection is performed at the base of the pole because the base is the location of the largest “bending moment,” as well as the area subject to the most fungal decay and insect attack. Assessing the condition of the pole at the base is the most efficient way to effectively treat and restore a wood pole.

### (ii). Pole Inspection Process

When a wood distribution pole, other than a CCA pole, is inspected, the tasks listed below will be performed. For a CCA type wood distribution pole less than 16 years of age, the inspection will consist of a visual above ground inspection and sounding with hammer, both procedures are described below. For CCA poles 16 years of age and greater, all inspection methods described below are used. Boring at Ground Line is also performed on type CCA poles when decay is present.

- Above Ground Observations - Visual inspection of the exterior condition of the pole and visual inspection of components hanging from the pole.
- Partial Excavation – The soil is removed around the base of the pole and the pole is inspected for signs of decay.
- Sound with Hammer – The exterior of the pole is tested with a hammer and the inspector listens for “hollowness” of the pole.
- Bore at Ground Line – The pole is bored at a 30-degree angle below the ground line. This inspection method helps to determine internal decay at the base as well as measure the amount of “good wood” left on the interior of the pole.
- Excavate to 18 Inches (Full Ground Line Inspection) – If significant decay is found during the full excavation, the soil is removed 18 inches below ground line. Decay pockets are identified and bored to determine the extent of decay.
- Removal of Surface Decay – Identified areas of decay are removed down to “good wood” using a sharp pick.
- Prioritization of rejected poles – rejected poles shall be assessed on their overall condition and then prioritized accordingly. Generally, these poles will then be replaced in order of priority, from highest to lowest.
- For poles where obstructions, such as concrete encasement, make full excavation impractical DEF will utilize the best economical inspection process in accordance with Order No. PSC-08-0644-PAA-EI issued October 6, 2008.

### (iii) Data Collection

## Comprehensive Wood Pole Inspection Plan

May 2, 2022

All data collected through the inspection process will be submitted to DEF's Distribution Department in electronic format by inspection personnel. This data will be used to determine effective circumference and remaining strength of the pole. In evaluating pole conditions, deductions shall be made from the original ground line circumference of a pole to account for hollow heart, internal decay pockets, and removal of external decay. The measured effective critical circumference shall be at the point of greatest decay removal in the vicinity of the ground line taking into account the above applicable deductions. A pole circumference calculator shall be used to determine the measured effective critical circumference. To remain in service "as-is," the pole shall meet minimum NESC strength requirements. The measured effective critical circumference will be compared to the applicable minimum acceptable circumference listed in the most current versions of ANSI 05.1-1992, American National Standard for Wood Poles, and NESC-C2-1990(1). Poles below the minimum acceptable circumference shall be rejected and will be marked in the field for replacement.

(iv). Structural Integrity Evaluation

- See Joint Use Pole Inspection Plan, section B, paragraph (i).

(v). Records and Reporting

A pole inspection report will be filed with the Florida Public Service Commission by March 1<sup>st</sup> of each year. The report shall contain the following information:

- 1) A description of the methods used for structural analysis and pole inspection.
- 2) A description of the selection criteria that was used to determine which poles would be inspected.
- 3) A summary report of the inspection data including the following:
  - a. Total number of wood poles in Company inventory.
  - b. Number of pole inspections planned.
  - c. Number of poles inspected.
  - d. Number of poles failing inspection.
  - e. Pole failure rate (%) of poles inspected.
  - f. Number of poles designated for replacement.
  - g. Total number of poles replaced.
  - h. Number of poles requiring minor follow-up.
  - i. Number of poles overloaded.
  - j. Methods of inspection used.
  - k. Number of pole inspections planned for next annual inspection cycle.
  - l. Total number of poles inspected (cumulative) in the 8-year cycle to date.
  - m. Percentage of poles inspected (cumulative) in the 8-year cycle to date.



# Comprehensive Wood Pole Inspection Plan

May 2, 2022

- 4) A pole inspection report that contains the following detailed information:
  - a. Distribution circuit name.
  - b. Pole identification number.
  - c. Inspection results.
  - d. Remediation recommendation.
  - e. Status of remediation.

## C. Program Cost and Funding

### (i). Poles Program Cost Estimates

DEF continues to successfully meet the obligations set forth in Order No. PSC-06-0144-PAA-EI and continues to inspect poles based on the 8-year cycle as mandated by the FPSC. The number of poles inspected per year is expected to be approximately 100,000 poles but may vary from year to year depending on previous years’ accomplishments with the intent to complete inspections in the required timeframe. Funding requirements to meet all aspects of this program will be adjusted from year to year, as well. DEF is currently on track to meet the 8-year cycle requirements.

The estimated figures in the charts below are “best estimates,” given information and facts known at this time and are subject to change or modification.

Annual Unit Estimate				
Years per Cycle	# of Wood Poles to be inspected per year	Replacements	Bracing	Treatments
8	100,000	8,500	0	25,600

Annual Cost Estimate								
Yrs per Cycle	O&M Costs			Capital		O&M Total	Capital Total	Program Total Cost
	Inspections and Treatment	Rebanding		Replacements	Braces			
8	\$3,640,000	\$ 0		\$76,805,465	\$0	\$3,640,000	\$76,805,465	\$80,445,465

\* Inspection and Treatment costs are not currently split in financials. Best estimates were given knowing cost and estimated numbers for treatments.

### **3) Joint Use Pole Inspection Plan**

#### **A. Introduction**

DEF currently has approximately 784,000 joint use attachments on distribution poles and approximately 6,547 joint use attachments on transmission poles. On average, DEF receives approximately 10,000 new attachment requests per year. All new distribution attachment requests are reviewed in the field to assure the new attachments meet NESC and company clearance and structural guidelines. All new transmission attachment requests are reviewed and evaluated to assure the new attachments meet NESC and company clearance and structural guidelines. The information provided below outlines DEF's attachment permitting process and how DEF intends to gather structural information on certain existing joint use poles over an average 8-year inspection cycle to meet the obligations set forth in Order No. PCS-06-0144-PAA-EI.

#### **B. General Plan Provisions**

##### **(i). Structural Analysis for a Distribution Pole New Joint Use Attachment**

When the Joint Use Department receives a request to attach a new communication line to a distribution pole, the following is done to ensure that NESC clearance and loading requirements are met before permitting the new attachment:

- Each pole is field inspected, and the attachment heights of all electric and communication cables and equipment are collected. The pole number, pole size and class (type) are noted as well as span lengths of cables and wires on all sides of the pole.
- For each group of poles in a tangent line, the pole that has the most visible loading, line angle and longest or uneven span length is selected to be modeled for wind loading analysis.
- The selected pole's information is loaded into a software program called "SPIDA CALC" from IJUS. The pole information is analyzed and modeled under the NESC Light District settings of 9psf, no ice, 30° F, at 60 MPH winds to determine current loading percentages.
- If that one pole fails, the next worst-case pole in that group of tangent poles is analyzed as well.
- Each pole is analyzed to determine existing pole loading and the proposed loading with the new attachment.
- If the existing analysis determines the pole is overloaded, a work order is issued to correct the overload. The remedy may include replacing the pole with a larger class pole. If the pole fails only when the new attachment is considered, a work order estimate is made and presented to the communication company wishing to attach.
- The results of the analysis and the new attachment are entered into the MY WORLD system.

##### **(ii). Structural Analysis for a Transmission Pole New Joint Use Attachment**

# Comprehensive Wood Pole Inspection Plan

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When the Joint Use Department receives a request to attach a new communication line to a transmission structure with distribution underbuilt, the following will be done to ensure that NESC clearance and loading requirements are met before permitting the new attachment:

- The attachment heights of all electric and communication cables and equipment are collected. The pole number, pole size and class (type) are noted as well as span lengths of cables and wires on all sides of the pole.
- All structure information is modeled by transmission line engineering in PLS-CADD software for structural analysis.
- Line Engineering uses a most conservative approach by grouping the structures per request by “worst-case.” The structure rating, material type, line angle, and span lengths are used to determine the most conservative approach.
- The selected structure information is loaded into the PLS-CADD software. NESC criteria is used and determined based on the pole location, rating of the line, and year of installation.
- Each structure is analyzed using a pass/fail approach with the existing pole loading and the proposed loading with the new attachment. If a structure fails in a specific grouping, the attachment request is denied for those grouped structures. If the most conservative structure passes, the next “worst-case” structure is then analyzed per grouping.
- If the existing analysis determines the structure is overloaded, this information is shared with maintenance and the wood pole replacement team to determine if the structure may need to be replaced or is in a replacement plan.
- If the structure is replaced, the GIS database is updated and an engineering change request (ECR) is created to reflect the date the new structure was installed.

### (iii). Analysis of Existing Joint Use Attachments on Distribution Poles

There are approximately 784,000 joint use attachments on approximately 515,000 distribution poles in the DEF system. All distribution poles with joint use attachments will be inspected on an average 8-year audit cycle to determine existing structural analysis for wind loading. These audits will start at the sub-station where the feeder originates. For each group of poles in a tangent line, the pole that has the most visible loading, line angle, and longest or uneven span length will be selected to be modeled for wind loading analysis. Each pole modeled will be field inspected. The attachment heights of all electric and communication cables and equipment will be collected. The pole age, pole type, pole number, pole size / class, span lengths of cables and wires, and the size of all cables and wires on all sides of the pole will be collected.

The selected pole’s information will then be loaded into a software program called “SPIDA CALC” from IJUS. The pole information will be analyzed and modeled under the NESC Light District settings of 9psf, no ice, 30° F, at 60 MPH winds to determine current loading percentages. If that one pole fails, the next worst-case pole in that group of tangent poles will be analyzed as well. Each pole analyzed

## Comprehensive Wood Pole Inspection Plan

May 2, 2022

will determine the existing pole loading of all electric and communication attachments on that pole. If the existing analysis determines the pole is overloaded, a work order will be issued to correct the overload. The remedy may include replacing the pole with a larger class pole. Should the original pole analyzed meet the NESC loading requirements, all similar poles in that tangent line of poles will be noted as structurally sound and entered into the database as “PASSED” structural analysis. Poles rated at 100% or lower will be designated as “PASSED.” Poles that are analyzed and determined to be more than 100% loaded will be designated as “FAILED,” and corrected. If the pole is changed out, the GIS database will be updated to reflect the date the new pole was installed.

### (iv). Analysis of Existing Joint Use Attachments on Transmission Poles

The following analysis will be completed to ensure that NESC clearance and loading requirements are met in the event existing attachments are found that were not included in the Section B. (ii) Structural Analysis for New Joint Use Attachments:

- The attachment heights of all electric and communication cables and equipment are collected. The pole number, pole size and class (type) are noted as well as span lengths of cables and wires on all sides of the pole.
- All structure information is modeled by transmission line engineering in PLS-CADD software for structural analysis.
- Line Engineering uses a most conservative approach by grouping the structures of a given circuit by “worst-case.” The structure rating, material type, line angle, and span lengths are used to determine the most conservative approach.
- The selected structure information is loaded into the PLS-CADD software. NESC criteria is used and determined based on the pole location, rating of the line, and year of installation.
- Each structure is analyzed using a pass/fail approach with the existing pole loading. If a structure fails in a specific grouping, the wood pole replacement team and maintenance group are notified to determine if the structure may need to be replaced or is in the replacement plan. If the most conservative structure passes, the next “worst-case” structure is then analyzed per grouping.
- If the structure is replaced, the GIS database is updated and an engineering change request (ECR) is created to reflect the date the new structure was installed.

### (v). Records and Reporting

A pole inspection report will be filed with the Florida Public Service Commission by March 1<sup>st</sup> of each year. The report shall contain the following information:

- 1) A description of the methods used for structural analysis and pole inspection.
- 2) A description of the selection criteria that was used to determine which poles would be inspected.



# Comprehensive Wood Pole Inspection Plan

May 2, 2022

- 3) A summary report of the inspection data including the following:
  - a. Number of poles inspected.
  - b. Number of poles not requiring remediation.
  - c. Number of poles requiring remedial action.
  - d. Number of poles requiring minor follow up.
  - e. Number of poles requiring a change in inspection cycle.
  - f. Number of poles that were overloaded.
  - g. Number of inspections planned.

## C. Program Cost and Funding

### (i). Pole Analysis Funding

As stated above, there are currently approximately 784,000 joint use attachments on approximately 515,000 distribution poles and approximately 6,547 joint use attachments on transmission poles. DEF will analyze the “worst case” poles in a tangent line of similar poles as deemed appropriate during field inspections.

In order to meet the obligations, set forth in Order No. PCS-06-0144-PAA-EI, DEF requires incremental funding annually to successfully gather data and enter it into the required reporting format. See calculation that follows. The estimated figures in these charts are “best estimates,” given information and facts known at this time and are subject to change or modification.

<b>Annual Unit &amp; Cost Estimate</b>									
Distribution poles with joint use	Annual inspected (8-yr cycle)	10% of Distribution poles analyzed	1% of Distribution poles replaced	Transmission poles with joint use	Annual inspected (8-yr cycle)	30% of Transmission poles analyzed	10% of Transmission poles replaced	Total cost to analyze poles (O&M)	Total cost to replace poles (capital)
515,000	63,750	6,375	191	6547	818	245	81	\$607,183	\$505,600

# ATTACHMENT J





Stephanie A. Cuello  
SENIOR COUNSEL

March 1, 2024

**VIA ELECTRONIC FILING**

Adam J. Teitzman, Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Re: *2023 Annual Wood Pole Inspection Report; Undocketed*

Dear Mr. Teitzman:

Pursuant to Order Numbers PSC-06-0144-PAA-EI and PSC-07-0918-PAA-PU, please find attached, Duke Energy Florida, LLC's ("DEF") Annual Wood Pole Inspection Report for CY 2023. This information is also contained in DEF's 2023 Annual Service Reliability Report dated March 1, 2024.

Thank you for your assistance in this matter and if you have any questions, please feel free to contact me at (850) 521-1425.

Sincerely,

*/s/ Stephanie A. Cuello*

Stephanie A. Cuello

SAC/clg  
Attachments

cc: Penelope Buys, FPSC Division of Engineering

## Duke Energy Florida (Distribution) Annual Wood Pole Inspection Report (Reporting Year 2023)

a	b	c	d	e	f	g	h	i	j	k	l	m
Total # of Wooden Poles in the Company Inventory	# of Pole Inspections Planned this Annual Inspection	# of Poles Inspected this Annual Inspection	# of Poles Failing Inspection this Annual Inspection	Pole Failure Rate ( % ) this Annual Inspection	# of Poles Designated for Replacement this Annual Inspection	Total # of Poles Replaced this Annual Inspection	# of Poles Requiring Minor Follow-up this Annual Inspection	# of Poles Overloaded this Annual Inspection	Method(s) V = Visual E = Excavation P= Prod S = Sound B= Bore	# of Pole Inspections Planned for Next Annual Inspection Cycle	Total # of Poles Inspected (Cumulative) in the 8-Year Cycle To Date	% of Poles Inspected (Cumulative) in the 8-Year Cycle To Date
818,033	100,000	99,700	620	0.62%	620	10,983	2,394	N/A	V, E, S, B, P	100.000	209,226	25.57%
If b - c > 0, provide explanation	N/A											
If d - g > 0, provide explanation	N/A											
Description of selection criteria for inspections	Poles for inspection in 2023 were chosen based on geographic location to commence cycle 3.											

- Poles noted in column d are for ground line rejects only. Additional poles are replaced based on pole top issues, but are not included in this number.
- Failure rate in column e is for ground line rejects only.

## Duke Energy Florida (Transmission) Annual Wood Pole Inspection Report (Reporting Year 2023)

a	b	c	d	e	f	g	h	i	j	k	l	m
Total # of Wooden Poles in the Company Inventory	# of Pole Inspections Planned this Annual Inspection (W)	# of Poles Inspected this Annual Inspection (W)	# of Poles Failing Inspection this Annual Inspection (W)	Pole Failure Rate (%) this Annual Inspection	# of Poles Designated for Replacement this Annual Inspection	Total # of Poles Replaced this annual Inspection	# of Poles Requiring Minor Follow-up this Annual Inspection	# of Poles Overloaded this Annual Inspection	Method(s) V=Visual E=Excavation P= Prod S=Sound & B=Bore R=Resistograph	# of Poles Inspections Planned for Next Annual Inspection Cycle	Total # of Poles Inspected (cumulative in the 8-Year Cycle to Date)	% of Poles Inspected (Cumulative) in the 8-Year Cycle to Date
12,501	4,683  This number from Attachemnt J for 2022	3,001	995	33.16%	1,909	1,970	290	1	V = 10,781 (W,S,C) S&B = 0 (W)  V(S) = 300 (LT)  10,781 = Total V Total Structures, includes LT  Total S&B = 0	4,584 (W)	Inspected 16 = 2,280 Inspected 17 = 1,902 Inspected 18 = 923 Inspected 19 = 4,545 Inspected 20 = 3,371 Inspected 21 = 3,860 Inspected 22 = 1,003 Inspected 23 =3,001 Total = 20,885	167.07%
If b - c > 0, provide explanation	DEF Transmission visually inspects transmission lines with wood poles on 4 year cycle. All line segments due for inspection in 2023 were inspected. Reduced wood pole population led to fewer inspections but, DEF ensured 21% of the total wood pole population was inspected in 2023.											
If d - g > 0, provide explanation	Does not apply											
Description of Selection Criteria for Inspections	DEF Transmission conducts Sound & Bore on wood poles on an 8 year cycle as per FPSC ruling. DEF visually inspects Transmission lines with Steel or Concrete Poles and Lattice Towers on a 6 year cycle. DEF visually inspects Transmission lines containing wood poles on a 4-year cycle; estimating 'Planned Inspection' and targeting 1/3 of wood pole remaining balance; Actuals completed at 1/4 of remaining balance. DEF has been working toward data true up – as stated in past Reliability Reports – to remain compliant with report due dates and still be responsive in reporting; DEF's Annual Service Reliability Report Inspection criteria is included in: Attachment I -Transmission Wood pole Inspection Plan * Type: W-Wood; S-Steel; C-Concrete; LT-Lattice Tower											

## Duke Energy Florida CCA Pole Sampling Results (Less than 16 Years of Age) (Reporting Year 2023)

a	b	c	d	e	f	g	h	i	j	k	l	m
Total # of CCA Poles Less than 16 Years of Age in the Company Inventory	Total # of Pole Inspections Planned this Annual Inspection	# of CCA Poles Less than 16 years of age Inspected this Annual Inspection	# of CCA Poles Less than 16 years of age sampled this Annual Inspection	# of CCA Poles Less than 16 Years of Age Failing Inspection this Annual Inspection	CCA Poles Less than 16 Years of Age Failure Rate ( % ) this Annual Inspection	# of CCA Poles Less than 16 Years of Age Designated for Replacement this Annual Inspection	Total # of Poles Replaced this Annual Inspection	# of CCA Poles Less than 16 Years of Age Requiring Minor Follow-up this Annual Inspection	# of Poles Overloaded this Annual Inspection	Method(s) V = Visual E = Excavation P= Prod S = Sound B= Bore	# of Pole Inspections Planned for Next Annual Inspection Cycle	Total # of Poles Inspected (Cumulative) in the 8-Year Cycle To Date
141,819	100,000	25,514	295	0	0%	0	N/A	229	N/A	V, E, S, B, P	N/A	N/A
If b - c > 0, provide explanation		N/A										
If d - g > 0, provide explanation		N/A										
Description of selection criteria for inspections		CCA poles to experience full inspection are randomly selected to represent a quantity of 1% or more of the total CCA poles less than 16 years of age in the inspection zone.										

# ATTACHMENT K

2023 DEF DISTRIBUTION POLE INSPECTION DATA  
PROVIDED ON CD

# ATTACHMENT L



**Comparison of Historical Trends  
Overhead vs. Underground (Adjusted Data)**

\*Due to the implementation of a new outage management system, the breakout of 'OH vs UG' is not available for 2023. Enhancements to the tool were made late in the year and the information is expected to be available in 2024.

<b>OVERHEAD INDICES</b>													
<b>SAIDI</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
	73.3	74.0	64.9	60.7	62.4	66.6	63.8	71.2	82.5	76.3	63.3	78.9	74.9
<b>SAIFI</b>													
	1.125	1.155	1.068	0.992	0.986	1.015	0.944	0.986	1.140	0.987	0.880	1.017	1.011
<b>CAIDI</b>													
	65.2	64.0	60.8	61.2	63.3	65.6	67.6	72.2	72.3	77.4	71.9	77.6	74.1
<b>L-Bar</b>													
	102.3	101.3	102.1	105.2	106.7	109.7	104.9	115.6	112.7	125.8	112.7	118.4	119.3
<b>UNDERGROUND INDICES</b>													
<b>SAIDI</b>													
	14.7	11.8	12.0	13.5	12.5	11.9	12.0	11.6	10.8	10.6	10.1	10.2	10.2
<b>SAIFI</b>													
	0.130	0.111	0.122	0.120	0.107	0.112	0.104	0.092	0.086	0.082	0.075	0.075	0.075
<b>CAIDI</b>													
	112.9	106.2	98.7	112.8	116.6	105.6	115.2	125.9	126.0	129.8	134.0	136.0	137.3
<b>L-Bar</b>													
	145.8	141.3	143.7	156.5	155.4	157.2	161.2	169.4	161.3	176.0	182.0	181.3	177.8

2015	2016	2017	2018	2019	2020	2021	2022	2023
69.9	75.1	72.5	88.2	77.7	76.3	64.7	74.0	70.9

0.914	0.918	0.858	0.946	0.883	0.854	0.762	0.843	0.861
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76.5	81.8	84.5	93.3	88.1	89.4	85.0	87.8	82.3
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122.4	127.5	132.6	136.6	137.3	142.6	134.0	147.1	159.8
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9.8	9.9	10.2	10.4	12.7	11.6	10.5	11.2	
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0.070	0.065	0.066	0.067	0.089	0.086	0.082	0.086	
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140.0	151.0	153.5	154.1	143.1	134.9	128.1	130.7	
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171.1	179.2	183.7	178.0	176.8	183.0	175.1	184.5	
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# ATTACHMENT M



**OVERHEAD/UNDERGROUND RELIABILITY (OH/UG) (Initiative 7)**

**Section D**

\*Due to the implementation of a new outage management system, the breakout of 'OH vs UG' is not available for 2023.

Enhancements to the tool were made late in the year and the information is expected to be available in 2024.

2023				
OVERHEAD METRICS	# OF Miles	CMI	CI	L-Bar
	34,349	140,555,693	1,707,779	159.8

UNDERGROUND METRICS	# OF Miles	CMI	CI	L-Bar
	24,645	-	-	0.0