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June 1, 2023

BY E-PORTAL

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

Re: **Docket No. 20230000-OT: Undocketed Filings (Reports)**

Dear Mr. Teitzman:

Attached for filing, please find Florida Public Utilities Company's Storm Protection Plan Annual Status Report, which is being filed consistent with Rule 25-6.030(4), Florida Administrative Code.

Thank you for your assistance with this filing. As always, please don't hesitate to let me know if you have any questions whatsoever.

Sincerely,

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 601
Tallahassee, FL 32301
(850) 521-1706

MEK
cc:/(Tom Ballinger)

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June 1, 2023

Mr. Thomas Ballinger, Director
Division of Engineering
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0868

Dear Mr. Ballinger:

Attached is Florida Public Utilities Company's 2022 Annual Storm Protection Plan (SPP) Update as required by Rule 25-6.030, F.A.C.

If you have any questions, please call (904) 530-7052 or e-mail mcassel@chpk.com.

Sincerely,

Michael Cassel
Vice President, Governmental and Regulatory Affairs
Florida Public Utilities Company

Attachments

Cc: Commission Clerk
Jeff Sylvester
Martin Cheryl
William Haffecke
Mark Cutshaw
Jorge Puentes

Florida Public Utilities Company

Storm Protection Plan

2022 Annual Status Report

Rule 25-6.030, F.A.C.

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EXECUTIVE SUMMARY

Florida Public Utilities Company's ("FPUC") Storm Protection Plan ("SPP") strengthens the electric utility's infrastructure to withstand extreme weather conditions. Key aspects of the SPP promote the overhead hardening of electrical facilities and the undergrounding of certain electrical distribution lines resulting in a systematic method of addressing and maintaining ongoing compliance with the requirements of the Florida Legislature's Rule 25.6.031, F.A.C. FPUC's implementation of its SPP achieves the statutory objectives of reducing restoration costs and outage times associated with extreme weather events, while also enhancing reliability.

FPUC's SPP is a combination of previously Commission-approved storm hardening initiatives, some of which contain incremental investments, as well as newly proposed Programs which are grounded on a methodology of resiliency risk scores across FPUC's Distribution system. To the extent, there are existing programs that will be continued from the Company's existing Storm Hardening Plan, there may be some costs associated with these programs already included in the base rates approved for the Company during its last rate proceeding. These costs are identified at the time of SPP cost recovery filing such that only incremental investments are included for SPPCRC recovery as required by Rule 25.6.031, F.A.C.

FPUC filed its first SPP in April 2022, which was approved, with modifications, by Order PSC-2022-0387-FOF-EI, issued November 10, 2022. FPUC's Final True Up for 2022 is therefore based on an eight month (May through December) prorated calendar year. Overall, FPUC's SPP intentionally contains a methodical ramp up of investments that allows for the acquisition of resources, initiation of design activities, and the refinement of projects in the early years of the plan. FPUC's focus in 2022 was, therefore, to stand-up the new SPP programs and implement approved adjustments to programs that were carried over from legacy storm hardening initiatives. This effort resulted in actuals above projections in O&M expenditures and below projections in Capital expenditures.

This report is organized into three (3) sections. The first section details updates on FPUC's Storm Protection Plans and Projects included in the 2022-2031 SPP. Details are specific to calendar year 2022 accomplishments and projection estimates for calendar years 2023 and 2024. Section 2 of the report outlines the updated cost and rate impact projections associated with the plan. Finally, Section 3 of the report details the legacy storm hardening initiatives that remain in place but have not been incorporated into FPUC's SPP.

1.0 Storm Protection Plan Programs and Projects

This section of the report details progress and updates regarding the six (6) SPP Programs and their underlying projects.

1.1 Distribution Overhead Feeder Hardening

The FPUC system contains approximately 141 miles of overhead feeder backbone lines across 29 feeders. The Overhead Feeder Hardening Program systematically upgrades all 141 miles to NESC 250C Extreme wind standards.

As part of the hardening of the overhead lines, each line segment is analyzed leveraging specialized software to ensure adherence to current NESC standards in place at the time of analysis. Applicable upgrades associated with this analysis such as upgrading of pole class or adding intermediate poles are included as part of the design in addition to other upgrades that further strengthen the resiliency of the line against direct damage or ancillary damage that can be caused by extreme weather events.

With 2022 being the first year of the SPP plan, there were no construction activities planned in 2022 for this program. Table 1 below shows the corresponding project details associated with the previously identified 2022 targets. Design activities began later than originally planned because of pre-work activities associated with selecting and onboarding contractors. The completion of design activities associated with these projects carried over to 2023 and is shown in Table 2 below.

Project ID	Feeder ID	Estimated 2022 Units (Miles)	Actual 2022 Units (Miles)	Estimated Start Date	Actual Start Date	Estimated Comp. Date	Updated Comp. Date	Estimated 2022 Cost ($M)	Actual 2022 Cost ($M)
Bailey Phase 1 Feeder Design	311	2.62	2.56	22-Jul	Dec-22	22-Sep	Apr-23	$0.10	$0.09
South Fletcher A1A (Simmons to Amelia Parkway) Feeder Design	102	1.91	1.75	22-May	Dec-22	22-Jun	Apr-23	$0.08	$0.04
Cottondale Phase 1 Feeder Design	9866	2.93	3.28	22-Oct	Dec-22	22-Dec	Mar-23	$0.12	$0.08
Totals		**7.46**	**7.59**					**$0.30**	**$0.21**

Table 1 - 2022 Distribution OH Feeder Hardening Projects

Project ID	Feeder ID	Type	Estimated 2023 Units (Miles)	Estimated Start Date	Estimated Comp. Date	Estimated 2023 Cost ($M)
Bailey Phase 1 Feeder	311	Construction	2.56	Jul-23	Dec-23	$0.85
South Fletcher A1A (Simmons to Amelia Parkway) Feeder	102	Construction	1.75	Jul-23	Dec-23	$0.58
Cottondale Phase 1 Feeder	9866	Construction	3.28	Jun-23	Nov-23	$1.09
Bailey Phase 1 Feeder	311	Design	Refer to Table 1	Refer to Table 1	Refer to Table 1	$0.05
South Fletcher A1A (Simmons to Amelia Parkway) Feeder	102	Design	Refer to Table 1	Refer to Table 1	Refer to Table 1	$0.04
Cottondale Phase 1 Feeder	9866	Design	Refer to Table 1	Refer to Table 1	Refer to Table 1	$0.02
Bailey Phase 2 Feeder	311	Design	3.94	May-23	Sep-23	$0.27
Cottondale Phase 2 Feeder	9866	Design	3.59	May-23	Sep-23	$0.24
Jasmine Feeder	211	Design	3.53	May-23	Sep-23	$0.24
2024 Pre-Engineering	N/A	Design	N/A	May-23	Jul-23	$0.03
Totals			**11.06**			**$3.41**

Table 2 - 2023 Distribution OH Feeder Hardening Projects Capital Costs

1.2 Distribution Overhead Lateral Hardening

The FPUC systems contain approximately 575 miles of overhead lateral lines across 29 feeders. The Overhead Lateral Hardening Program systematically upgrades key laterals to NESC 250C Extreme wind standards.

As part of the hardening of the overhead lines, each line segment is analyzed leveraging specialized software to ensure adherence to NESC standards. Applicable upgrades associated with this analysis such as upgrading of pole class or adding intermediate poles are included as part of the design in addition to other upgrades that further strengthen the resiliency of the line against direct damage or ancillary damage that can be caused by extreme weather events.

With 2022 being the first year of the SPP plan, there were no construction activities planned in 2022 for this program. Table 3 below shows the corresponding project details associated with the previously identified 2022 targets. Design activities began later than originally planned because of pre-work activities associated with selecting and onboarding contractors. The completion of design activities associated with these projects carried over to 2023 and is shown in Table 4 below.

Project ID	Feeder ID	Estimated 2022 Units (Miles)	Actual 2022 Units (Miles)	Estimated Start Date	Actual Start Date	Estimated Comp. Date	Updated Comp. Date	Estimated 2022 Cost ($k)	Actual 2022 Cost ($k)
FS.2107 Lateral Hardening Design	311	0.87	0.87	22-May	Dec-22	22-Sep	Apr-23	$43.30	$30.46
FS.2764 Lateral Hardening Design	311	0.09	0.09	22-Jul	Dec-22	22-Sep	Apr-23	$4.67	$4.73
FS.1888 Lateral Hardening Design	311	0.06	0.06	22-Jul	Dec-22	22-Sep	Apr-23	$3.10	$15.85
FS.2132 Lateral Hardening Design	311	0.08	0	22-Jul	Dec-22	22-Sep	N/A	$3.87	$0.86
Totals		1.1	1.02					$54.94	$51.89

Table 3 - 2022 Distribution OH Lateral Hardening Projects

Project ID	Feeder ID	Type	Estimated 2023 Units (Miles)	Estimated Start Date	Estimated Comp. Date	Estimated 2023 Cost ($k)
FS.2107 Lateral Hardening	311	Construction	0.87	Jul-23	Sep-23	$361.05
FS.2764 Lateral Hardening	311	Construction	0.09	Jul-23	Sep-23	$37.35
FS.1888 Lateral Hardening	311	Construction	0.06	Jul-23	Sep-23	$24.90
FS.2107 Lateral Hardening	311	Design	Refer to Table 3	Refer to Table 3	Refer to Table 3	$33.03
FS.2764 Lateral Hardening	311	Design	Refer to Table 3	Refer to Table 3	Refer to Table 3	$9.01
FS.1888 Lateral Hardening	311	Design	Refer to Table 3	Refer to Table 3	Refer to Table 3	$6.01
Bailey 1892 Lateral Hardening	311	Design	0.03	May-23	Jul-23	$2.95
Bailey 2442 Lateral Hardening	311	Design	0.09	May-23	Jul-23	$7.87
2024 Pre-Engineering	N/A	Design	N/A	May-23	Jul-23	$27.00
Totals			0.13			$509.16

Table 4 - 2023 Distribution OH Lateral Hardening Projects Capital Costs

1.3 Distribution Overhead Lateral Undergrounding

As noted previously, FPUC's system contains approximately 575 miles of overhead lateral lines across 29 feeders; 433 miles of which are single phase. The Overhead Lateral Undergrounding Program addresses the systematic undergrounding in place or relocation and undergrounding of the single phase overhead electric facilities, many of which are located in heavily vegetated areas, environmentally sensitive areas, or in areas where upgrading the overhead construction to NESC extreme wind standards is not practical or consistent with industry design standards.

As part of the undergrounding of the overhead lines, each line segment is relocated to utility truck accessible areas in the front of the premise as necessary to facilitate restoration and maintenance activities. Additionally, FPUC will be installing meter base adaptors to minimize the customer impact associated with the conversion. These adaptors allow customers to retain their existing meter and meter enclosure, minimizing the need for costly permits and inspections associated with electrical panel upgrades that may otherwise be necessary.

With 2022 being the first year of the SPP plan, there were no construction activities planned in 2022 for this program. Table 5 below shows the corresponding project details associated with the previously identified 2022 targets. Design activities began later than originally planned because of pre-work activities associated with selecting and onboarding contractors. The completion of design activities associated with these projects carried over to 2023 and is shown in Table 6 below.

Project ID	Feeder ID	Estimated 2022 Units (Miles)	Actual 2022 Units (Miles)	Estimated Start Date	Actual Start Date	Estimated Comp. Date	Updated Comp. Date	Estimated 2022 Cost ($M)	Actual 2022 Cost ($M)
FS.1894 Lateral Undergrounding Design	311	0.09	0.09	22-Jun	Dec-22	22-Sep	Apr-23	$0.01	$0.01
FS.2130 Lateral Undergrounding Design	311	0.85	1.45	22-Jun	Dec-22	22-Sep	May-23	$0.09	$0.03
FS.1895 Lateral Undergrounding Design	311	0.11	0.13	22-Jun	Dec-22	22-Sep	Apr-23	$0.01	$0.02
Totals		**1.05**	**1.67**					**$0.11**	**$0.06**

Table 5 - 2022 Distribution OH Lateral Undergrounding Projects

Project ID	Feeder ID	Type	Estimated 2023 Units (Miles)	Estimated Start Date	Estimated Comp. Date	Estimated 2023 Cost ($M)
FS.1894 Lateral Undergrounding	311	Construction	0.09	Jul-23	Oct-23	$0.08
FS.2130 Lateral Undergrounding	311	Construction	1.45	Aug-23	Nov-23	$1.32
FS.1895 Lateral Undergrounding	311	Construction	0.13	Jul-23	Oct-23	$0.12
FS.1894 Lateral Undergrounding	311	Design	Refer to Table 5	Refer to Table 5	Refer to Table 5	$0.02
FS.2130 Lateral Undergrounding	311	Design	Refer to Table 5	Refer to Table 5	Refer to Table 5	$0.07
FS.1895 Lateral Undergrounding	311	Design	Refer to Table 5	Refer to Table 5	Refer to Table 5	$0.02
Bailey 2204 Lateral Undergrounding	311	Design	0.18	Jun-23	Dec-23	$0.03
Bailey 8908 Lateral Undergrounding	311	Design	0.42	Jun-23	Jan-24	$0.08
Bailey 2184 Lateral Undergrounding	311	Design	0.13	Jun-23	Jan-24	$0.02
Bailey 2060 Lateral Undergrounding	311	Design	0.08	Jun-23	Jan-24	$0.01
Bailey 1889 Lateral Undergrounding	311	Design	0.08	Jun-23	Jan-24	$0.02
Bailey 2294 Lateral Undergrounding	311	Design	0.25	Jun-23	Jan-24	$0.05
Bailey 2218 Lateral Undergrounding	311	Design	0.25	Jun-23	Jan-24	$0.05
Bailey 2178 Lateral Undergrounding	311	Design	0.45	Jun-23	Jan-24	$0.08
Bailey 2106 Lateral Undergrounding	311	Design	0.12	Jun-23	Jan-24	$0.02
2024 Pre-Engineering	N/A	Design	N/A	May-23	Jul-23	$0.03
Totals			**1.96**			**$2.03**

Table 6 - 2023 Distribution OH Lateral Undergrounding Projects Capital Costs

1.4 Distribution Pole Inspections and Replacement

In alignment with FPSC Order No. PSC-06-0144, FPUC implemented an 8-year cycle wood pole inspection program. The most current edition of the National Electric Safety Code (NESC) serves as a basis for the design of replacement poles that fail inspection. Grade 'B' construction, as described in Section 24 of the NESC, has been adopted as the standard of construction for designing new pole installations and the replacement of reject poles in each FPUC Electric Division (NE & NW). Extreme wind loading, as specified in rule 250C and figure 250-2(d) of the NESC, has been adopted for replacement poles.

Wood pole inspections are performed by a qualified wood pole inspection contractor. The inspection process is a multi-step process that may involve one or more of visual inspection techniques, sound and bores, and excavations with treatments. Inspection results are summarized for each division by the contractor and include bar charts and tables that show inspection results summary, failure rates, and pole ages. The number of inspections may vary from year-to-year based upon a variety of factors however, FPUC completes all required wood pole inspections during the eight-year wood pole inspection cycle. In 2016 FPUC began the first year of the second cycle for both divisions.

Tables 7 and 8 below details progress on the current eight-year inspection cycle. Totals shown are inclusive of full year totals not the eight-month prorated total associated with FPUC's May through December SPP.

Poles marked for replacement are re-inspected by FPUC employees and assigned a priority based upon potential hazard to public and employee safety. Repairs are then made in order of priority. FPUC policy is to replace all reject poles in lieu of bracing "restorable" reject poles. Poles are prioritized for replacement using the reject severity level awarded by the inspector as the basis. Poles are analyzed by FPUC engineers who leverage PoleForeman software to ensure the new poles meet the storm hardening criteria discussed in the first paragraph of this section.

Table 9 below details the distribution wood poles replaced in 2022, the remaining backlog yet to be replaced, and projected replacements over the next two years. Table 10 details the full year costs associated with these replacements. Note that 2022 replacement costs were incorrectly recorded to normal capital expenditures instead of the SPP. FPUC made an adjustment in 2023 projections to reflect the inclusion of the capital costs associated with these replacements into the SPPCRC.

Total Popuation	Year in Cycle	2022 Inspection	Previously Inspected	Remaining in cycle	Planned for next year	2022 Failed Poles	Failed Poles in Cycle	2022 % Failed Poles	% Failed Poles in Cycle
26,739	7	3,091	20,558	3,090	3,536	63	1247	2.04%	4.66%

Table 7 - Distribution Wood Pole Inspections

Florida Public Utilities Company Annual Wood Pole Inspection Report Year #7 of 2nd 8 year Cycle (Inspection Year 2022)														
a	b	C	d	e	f	g	h	i	j	k	l	m	n	o
Total # of wood poles in NW Division	# of pole inspections planned for this year	Backlog included in plans for this year	# of pole inspections completed this year*	# of poles failing inspection this year	% failure rate this year	# failures replaced this year	# failures repaired this year	Total # of failures remaining to be replaced	Total # of failures remaining to be repaired	# of poles requiring maint. follow-up this year	# of poles overloaded this year	Total # of poles inspected in 8 yr cycle to date	Total % of poles inspected in 8 yr cycle to date	# of pole inspections planned next year
26,739	**3,124**	**35**	**3,091**	**63**	**2.04%**	**165**	**0**	**570**	**0**	**134**	**0**	**23,649**	**88.44%**	**3,536**
If d < b, provide explanation	Year to year variations in planned vs executed expected. FPUC on track to complete all remaining inspections in 2023 to complete this 8-year cycle.													
If g + h < e, provide explanation														
Additional Information														

Table 8 - Distribution Wood Pole Inspections - Legacy Reporting Table

Prior Backlog	New Failures	2022 Replacements	Remaining Backlog	2023 Projected	2024 Projected
570	63	165	468	274	278

Table 9 - Distribution Wood Pole Replacements

2022 Inspections	2022 Replacements	2023 Inspections	2024 Inspections	2023 Replacements	2024 Replacements
$126,763	$0	$160,000	$160,000	$1,882,238	$1,668,000

Table 10 - 2022 Actual and 2023/2024 Projected Inspection and Replacement Costs

1.5 Transmission & Distribution Vegetation Management

The T&D Vegetation Management program has historically worked towards the accomplishment of a four-year vegetation management cycle on its approximately 141 miles of feeders and approximately 575 miles of laterals on the system.

The program includes the following:

1. Four-year vegetation management cycle on all main feeders and laterals
2. Increased participation with local governments to address improved overall reliability due to tree related outages.
3. Information made available to customers regarding the maintenance and placement of trees.

Based upon current tree trimming crew levels, FPUC also makes reasonable efforts to address the annual inspection of main feeders to critical infrastructure prior to the storm season to identify & perform the necessary trimming and addresses danger trees located outside the normal trim zone and located near main feeders as reported.

The plan also manages the cyclical trimming along the approximately 3.6 miles and 12 miles of 138kV and 69kV Transmission lines respectively. These Transmission lines have historically been included with the distribution main feeders' 3-year trim cycle.

In 2022, FPUC continued its prior 3-year feeder / 6-year lateral cycles for vegetation management as it made arrangements to transition to the new 4-year cycle approved as part of the 2022-2031 SPP. Table 11 details trim totals and costs incurred in all of 2022. The new four-year trim cycle is shown in Table 12 below with its associated cost projections shown in table 11. Additionally, FPUC estimates removing approximately 339 danger trees as part of this vegetation management cycle.

Division	Overhead Miles			Cost ($M)		
	Feeder	Laterals	Total	2022	2023	2024
NE	12.52	10.78	23.3	N/A	N/A	N/A
NW	9.39	74.03	83.42	N/A	N/A	N/A
Transmission	8.9	N/A	8.9	N/A	N/A	N/A
Total	30.81	84.81	115.62	$1.49	$1.20	$1.20

Table 11 – 2022 T&D Vegetation Management Miles Trimmed and Costs

Division	Feeder	Overhead Miles			Targeted Miles				Actual Miles			
		Feeder	Laterals	Total	2023	2024	2025	2026	2023	2024	2025	2026
NE	312 Amelia Island Parkway	0.0	0.9	0.9	0.0	0.0	0.0	0.9				
NE	311 Bailey	5.2	8.7	13.9	0.0	0.0	0.0	13.9				
NE	310 Bonniview	3.0	4.0	7.1	0.0	0.0	7.1	0.0				
NE	209 Fifteenth Street	4.8	4.0	8.8	0.0	8.8	0.0	0.0				
NE	210 Buss Tie	1.9	3.7	5.6	0.0	5.6	0.0	0.0				
NE	211 Jasmine Street	2.7	11.5	14.2	0.0	14.2	0.0	0.0				
NE	212 Eleventh Street	3.3	11.8	15.1	15.1	0.0	0.0	0.0				
NE	214 Clinch Drive	2.8	4.8	7.7	0.0	0.0	7.7	0.0				
NE	215 Sadler Nectarine	2.1	6.4	8.5	0.0	0.0	8.5	0.0				
NE	102 South Fletcher	3.6	6.7	10.3	0.0	0.0	0.0	10.3				
NE	104 Parkway South	0.3	0.2	0.4	0.0	0.0	0.0	0.4				
NE	110 Plantation Roadside	1.9	1.4	3.4	3.4	0.0	0.0	0.0				
NE	111 Plantation Fieldside	2.0	1.7	3.7	3.7	0.0	0.0	0.0				
NE	69 KV Line	12.1	0.0	12.05	1.7	1.1	3.3	6.0				
NE	138 KV Line	3.6	0.0	3.6	3.6	0.0	0.0	0.0				
NW	9942 Hwy 90E	5.6	28.5	34.1	0.0	34.2	0.0	0.0				
NW	9992 Hwy 90W	3.8	11.8	15.6	0.0	15.6	0.0	0.0				
NW	9952 Altha	10.2	69.6	79.8	0.0	0.0	0.0	79.8				
NW	9972 Blountstown	6.1	7.6	13.7	13.7	0.0	0.0	0.0				
NW	9882 Bristol	11.2	43.0	54.2	0.0	0.0	0.0	54.2				
NW	9982 College	12.9	39.6	52.4	52.5	0.0	0.0	0.0				
NW	9866 Cottondale	11.7	67.7	79.4	26.5	26.5	26.5	0.0				
NW	9722 Dogwood Heights	4.5	10.8	15.3	0.0	15.3	0.0	0.0				
NW	9872 Hospital	2.5	37.7	40.2	0.0	40.2	0.0	0.0				
NW	9932 Indian Springs	5.4	27.0	32.3	0.0	0.0	32.3	0.0				
NW	9742 Greenwood/Malone	11.4	48.6	60.0	60.0	0.0	0.0	0.0				
NW	9512 Railroad	5.9	11.0	16.9	0.0	16.9	0.0	0.0				
NW	9854 South St	7.2	99.4	106.6	0.0	0.0	106.6	0.0				
NW	9872 Family Dollar	3.0	0.9	3.8	0.0	0.0	0.0	3.8				
NW	9732 Prison	3.6	2.6	6.2	0.0	0.0	0.0	6.2				
NW	9752 Industrial Pk	3.5	0.6	4.1	0.0	0.0	0.0	4.1				
Total		157.8	572.1	729.9	180.0	178.3	191.9	179.8	0	0	0	0

Table 12 - Trim Schedule - Feeders and Laterals

	Feeders			Laterals		
	Unadjusted	Adjusted	Diff.	Unadjusted	Adjusted	Diff.
(A) Number of Outages	6	6	0	53	53	0
(B) Customer Interruptions	5,928	5,928	0	1,464	1,464	0
(C) Miles Cleared	52.42	52.42	0.00	64.50	64.50	0.00
(D) Remaining Miles *(Note 1, 2 & 3)*	-2.01	-2.01	0.00	0.75	0.75	0.00
(E) Outages per Mile [A ÷ (C + D)]	0.12	0.12	0.00	0.81	0.81	0.00
(F) Vegetation CI per Mile [B ÷ (C + D)]	117.60	117.60	0.00	22.44	22.44	0.00
(G) Number of Hotspot trims	142	142	0	NA	NA	NA
(H) All Vegetation Management Costs	$660,025.32	$660,025.32	$0.00	*(Note 4)*	*(Note 4)*	*(Note 4)*
(I) Customer Minutes of Interruption	1,035,635	1,035,635	0	375,455	375,455	0
(J) Outage restoration costs	*(Note 5)*	*(Note 5)*	NA	NA	NA	NA
(K) Vegetation Budget (current year)	$311,646	$311,646	$-	NA	NA	NA
(L) Vegetation Goal (current year)	$311,646	$311,646	$-	NA	NA	NA
(M) Vegetation Budget (next year)	$407,392	$407,392	$-	NA	NA	NA
(N) Vegetation Goal (next year)	$407,392	$407,392	$-	NA	NA	NA
(O) Trim-Back Distance	*(Note 6)*	*(Note 6)*	0	*(Note 6)*	*(Note 6)*	NA

Table 13 - NE Division VM Performance Metrics - Legacy Reporting Table

	Feeders			Laterals		
	Unadjusted	Adjusted	Diff.	Unadjusted	Adjusted	Diff.
(A) Number of Outages	8	8	0	261	261	0
(B) Customer Interruptions	10,457	10,457	0	6,706	6,706	0
(C) Miles Cleared	31.10	31.10	0.00	173.71	173.71	0.00
(D) Remaining Miles *(Note 1, 2 & 3)*	74.80	74.80	0.00	335.61	335.61	0.00
(E) Outages per Mile [A ÷ (C + D)]	0.08	0.08	0.00	0.51	0.51	0.00
(F) Vegetation CI per Mile [B ÷ (C + D)]	98.74	98.74	0.00	13.17	13.17	0.00
(G) Number of Hotspot trims	112	112	0	NA	NA	NA
(H) All Vegetation Management Costs	$832,797.61	$832,797.61	$0.00	*(Note 4)*	*(Note 4)*	
(I) Customer Minutes of Interruption	741,632	741,632	0	784,268	784,268	0
(J) Outage restoration costs	*(Note 5)*	*(Note 5)*	NA	NA	NA	NA
(K) Vegetation Budget (current year)	$627,588	$627,588	$0	NA	NA	NA
(L) Vegetation Goal (current year)	$627,588	$627,588	$0	NA	NA	NA
(M) Vegetation Budget (next year)	$589,168	$589,168	$0	NA	NA	NA
(N) Vegetation Goal (next year)	$589,168	$589,168	$0	NA	NA	NA
(O) Trim-Back Distance	10	10	NA	10	10	NA

Table 14 - NW Division VM Performance Metrics - Legacy Reporting Table

	Feeders			Laterals		
	Unadjusted	Adjusted	Diff.	Unadjusted	Adjusted	Diff.
(A) Number of Outages	14	14	0	314	314	0
(B) Customer Interruptions	16,385	16,385	0	8,170	8,170	0
(C) Miles Cleared	83.52	83.52	0.00	238.21	238.21	0.00
(D) Remaining Miles *(Note 1, 2 & 3)*	72.79	72.79	0.00	336.36	336.36	0.00
(E) Outages per Mile [A ÷ (C + D)]	0.09	0.09	0.00	0.55	0.55	0.00
(F) Vegetation CI per Mile [B ÷ (C + D)]	104.82	104.82	0.00	14.22	14.22	0.00
(G) Number of Hotspot trims	254	254	0	NA	NA	NA
(H) All Vegetation Management Costs	$1,492,822.93	$1,492,822.93	$0.00	*(Note 4)*	*(Note 4)*	*(Note 4)*
(I) Customer Minutes of Interruption	1,777,267	1,777,267	0	1,159,723	1,159,723	0
(J) Outage restoration costs	*(Note 5)*	*(Note 5)*	0.00	NA	NA	NA
(K) Vegetation Budget (current year)	$939,234	$939,234	$-	NA	NA	NA
(L) Vegetation Goal (current year)	$939,234	$939,234	$-	NA	NA	NA
(M) Vegetation Budget (next year)	$996,560	$996,560	$-	NA	NA	NA
(N) Vegetation Goal (next year)	$996,560	$996,560	$-	NA	NA	NA
(O) Trim-Back Distance	*(Note 6)*	*(Note 6)*	0	*(Note 6)*	*(Note 6)*	NA

Table 15 - System VM Performance Metrics - Legacy Reporting Table

Note1: Miles cleared in 2022 include total miles of main feeders and laterals and hot spot trimming.
Note2: NE and NW Division uses GIS system to obtain miles of feeders and laterals.
Note3: Remaining miles negative numbers indicate additional trimming beyond the required cycle.
Note4: Vegetation management costs have not been separated between main feeders and laterals.
Note5: Outage restoration costs have not been historically documented.
Note6: Distribution is 10 feet and transmission (138KV is 30 feet and 69KV is 15 feet).

1.6 Transmission Inspection and Hardening

The 138kV Transmission system in the NE Division was constructed using concrete poles, steel poles, and steel towers. The construction generally complies with storm hardening requirements. Transmission inspections are performed on all transmission facilities and include patrols of the 138kV and 69kV transmission lines owned by FPUC. This inspection ensures that all structures have a detailed inspection performed at a minimum of every six years. The inspection includes fifty (50) 138kV structures and two hundred seventeen (217) 69kV structures. The inspections ensure that all transmission towers and other transmission line supporting equipment such as insulators, guying, grounding, conductor splicing, cross-braces, cross-arms, bolts, etc. are structurally sound and firmly attached. For efficiency, these inspections are conducted on all facilities every six years with the next inspection scheduled for 2024.

Substation equipment is also inspected annually to document the integrity of the facility and identify any deficiencies that require action. Substations are inspected to ensure that all structures, buss work, insulators, grounding, bracing, bolts, etc. are structurally sound and firmly attached.

The 69kV transmission system consists of a total of 217 poles of which 122 are concrete and 95 are wood structures. All installations met the NESC code requirements in effect at the time of construction. A policy of replacing existing wood poles with concrete structures has been in place for some time. This policy requires that when it becomes necessary to replace a wood pole, due to construction requirements or concerns with the integrity of the pole, a concrete pole that meets current NESC codes and storm

hardening requirements will be utilized. FPUC's budgeted projections for wood pole replacements versus actuals achieved varies from year to year due to several factors inclusive of resource allocation, material availability, external constraints, and others. This program is projected to accelerate the full replacement of the Commission-approved 69kV wood poles for completion within the 2022-2031 SPP plan.

Line Type	Total Popuation	Actuals		Projections			
		2022 Inspections	2022 Costs ($M)	2023 Inspections	2023 Costs ($M)	2024 Inspections	2024 Costs ($M)
69kV	217	0	$0	0	$0	217	N/A
138kV	50	0	$0	0	$0	50	N/A
Total	**267**	**0**	**$0**	**0**	**0**	**267**	**$0.10**

Table 16 - Transmission Structure Inspections

Line Type	Total Popuation	Actuals		Projections			
		2022 Replacements	2022 Costs ($M)	2023 Replacements	2023 Costs ($M)	2024 Replacements	2024 Costs ($M)
69kV	95	0	$0	12	$0.90	12	$0.90
138kV	0	0	$0	0	$0	0	N/A
Total	**95**	**0**	**$0**	**12**	**$0.90**	**12**	**$0.90**

Table 17 - Transmission Wood Pole Replacements

	Activity		Current Budget		Next Year	
	Goal	Actual	Budget	Actual	Goal	Budget
(A) Total transmission circuits.	N/A	N/A	N/A	N/A	15.65	N/A
(B) Planned transmission circuit inspections	N/A	N/A	N/A	N/A	15.65	$0.10
(C) Completed transmission circuit inspections* **	N/A	N/A	N/A	N/A	N/A	N/A
(D) Percent of transmission circuit inspections completed	N/A	N/A	N/A	N/A	N/A	N/A
(E) Planned transmission substation inspections	4	4	N/A	N/A	4	4
(F) Completed transmission substation inspections **	4	4	N/A	N/A	4	N/A
(G) Percent transmission substation inspections completed	100%	100%	N/A	N/A	100%	N/A
(H) Planned transmission equipment inspections (other equipment)	N/A	N/A	N/A	N/A	N/A	N/A
(I) Completed transmission equipment inspections (other equipment)	N/A	N/A	N/A	N/A	N/A	N/A
(J) Percent of transmission equipment inspections completed (other equipment)	N/A	N/A	N/A	N/A	N/A	N/A

* Next scheduled 6 year inspection cycle is 2024

** Inspections are visual

Table 18 - Transmission Circuit, Substation and Other Equipment Inspections - Legacy Reporting Table

	Activity		Current Budget*		Next Year	
	Goal	Actual	Budget	Actual	Goal	Budget
(A) Total transmission tower structures	4	4	N/A	N/A	4	4
(B) Planned transmission tower structure Inspections*	4	4	N/A	N/A	4	N/A
(C) Completed transmission tower structure Inspections	4	4	N/A	N/A	4	N/A
(D) Percent of transmission tower structure inspections completed	100%	100%	N/A	N/A	100%	N/A

* Visual Inspections completed annually. Next scheduled 6 year inspection cycle is 2024

Table 19 - Transmission Tower Inspections - Legacy Reporting Table

	Activity		Current Budget		Next Year	
	Goal	Actual	Budget	Actual	Goal	Budget
(A) Total number of transmission poles*	N/A	N/A	N/A	N/A	267	**
(B) Number of transmission poles strength tested	N/A	N/A	N/A	N/A	N/A	N/A
(C) Number of transmission poles passing strength test	N/A	N/A	N/A	N/A	N/A	N/A
(D) Number of transmission poles failing strength test (overloaded)	N/A	N/A	N/A	N/A	N/A	N/A
(E) Number of transmission poles failing strength test (other reasons)	N/A	N/A	N/A	N/A	N/A	N/A
(F) Number of transmission poles corrected (strength failure)	N/A	N/A	N/A	N/A	N/A	N/A
(G) Number of transmission poles corrected (other reasons)	N/A	N/A	N/A	N/A	N/A	N/A
(H) Total transmission poles replaced	N/A	N/A	N/A	N/A	N/A	N/A

*FPUC includes wood transmission poles in the eight year ground-line condition inspection and treatment program

** Detailed inspection to be conducted as part of 6 year inspection cycled. Costs included in table above

Table 20 - Transmission Pole Inspections - Legacy Reporting Table

	2022 Activity		2022 Budget		2023 Next Year	
	Goal	Actual	Budget	Actual	Goal	Budget
(A)Transmission structures scheduled for hardening	8	0	$0.41	$0	12	$0.92
(B) Transmission structures hardening completed	N/A	0	N/A	$0	N/A	N/A
(C) Percent transmission structures hardening completed*	8%	0%	N/A	N/A	13%	N/A

* Relative to remaining total wood pole population

Table 21 - Hardening of Existing Transmission Structures - Legacy Reporting Table

2.0 Comparison of Cost and Rate Impacts

2.1 2022 Estimated vs Actual Cost and Rate Impacts

Pursuant to Rules 25-6.030(4)(b) and 25-6.030(4)(c), F.A.C., Table 22 below provides the actual SPP costs incurred during calendar year 2022 and the estimated costs to be incurred during calendar years 2023 and 2024. The actual and estimated costs shown below are based on the total SPP expenditures irrespective of whether the costs are recovered in base rates or through the SPPCRC. 2022 Actual costs shown below reflect costs incurred during the May through December 2022 timeframe.

2022-2024 Estimated and Actual SPP Costs by Program (in Millions)					
		2022 Estimated	2022 Actual	2023 Estimated	2024 Estimated
Distribution - OH Feeder Hardening	Capital	$ 0.29	$ 0.21	$ 3.41	$ 4.34
	O&M	$ 0.01	$ -	$ 0.10	$ 0.13
	Total	$ 0.30	$ 0.21	$ 3.51	$ 4.47
Distribution - OH Lateral Hardening	Capital	$ 0.06	$ 0.05	$ 0.51	$ 1.18
	O&M	$ 0.00	$ -	$ 0.02	$ 0.04
	Total	$ 0.06	$ 0.05	$ 0.52	$ 1.22
Distribution - OH Lateral Underground	Capital	$ 0.11	$ 0.06	$ 2.03	$ 3.73
	O&M	$ 0.00	$ -	$ 0.06	$ 0.11
	Total	$ 0.11	$ 0.06	$ 2.09	$ 3.85
Distribution - Pole Insp. & Replace	Capital	$ 0.71	$ -	$ 1.88	$ 1.67
	O&M	$ 0.10	$ 0.08	$ 0.19	$ 0.19
	Total	$ 0.81	$ 0.08	$ 2.08	$ 1.86
T&D - Vegetation Management	Capital	$ -		$ -	$ -
	O&M	$ 0.80	$ 1.04	$ 1.20	$ 1.20
	Total	$ 0.80	$ 1.04	$ 1.20	$ 1.20
Transmission - Inspection and Hardening	Capital	$ 0.40	$ -	$ 0.90	$ 0.90
	O&M	$ 0.01	$ -	$ 0.02	$ 0.12
	Total	$ 0.41	$ -	$ 0.92	$ 1.02
SPP Program Management	Capital	$ -	$ 0.06	$ -	$ -
	O&M	$ -	$ 0.01	$ -	$ -
	Total	$ -	$ 0.07	$ -	$ -
Totals	Capital	$ 1.57	$ 0.39	$ 8.73	$ 11.83
	O&M	$ 0.93	$ 1.13	$ 1.59	$ 1.79
	Total	$ 2.49	$ 1.52	$ 10.32	$ 13.62

Table 22 - 2022 - 2024 Estimated and Actual SPP Costs by Program

The two subsequent tables delineate the all-in Program costs detailed above between those recovered through the SPPCRC and those recovered through Base Rates.

Table 6-1 FPUC's SPP Projects and Activities Planned and Completed for 2022-2023 (SPPCRC Only)						
Program name	Projects/ Activities Planned for 2022	Estimated Cost for 2022 (Millions)	Projects/ Activities Completed in 2022	Actual Cost for 2022 (Millions)	Projects/ Activities Planned for 2023	Estimated Cost for 2023 (Millions)
Distribution OH Feeder Hardening	3	$0.30	0	$0.21	10	$3.51
Distribution OH Lateral Hardening	4	$0.06	0	$0.05	9	$0.52
Distribution OH Lateral Undergrounding	3	$0.11	0	$0.06	16	$2.09
Distribution Pole Insp. & Replace*, **	N/A	$0.73	3248	$0	3810	$1.95
T&D - Vegetation Management*	77.32	$0.23	115.62	$0.47	182.72	$0.35
Transmission Inspection and Hardening	6	$0.41	0	$0.00	12	$0.92
SPP Program Management	N/A	$0.00	N/A	$0.07	N/A	$0
Totals		**$1.84**		**$0.87**		**$9.34**

**Planned activities reflect annual totals for both SPP and Base Rates. 2022 costs are reflective of May through December SPP cycle*

** Does not include previously reported underrecovery of poles replaced in 2022

Table 23 - 2022-2023 Projects and Activities - SPPCRC Only

Table 6-2 FPUC's SPP Projects and Activities Planned and Completed for 2022-2023 (Base Rates Only)						
Program name	Projects/ Activities Planned for 2022	Estimated Cost for 2022 (Millions)	Projects/ Activities Completed in 2022	Actual Cost for 2022 (Millions)	Projects/ Activities Planned for 2023	Estimated Cost for 2023 (Millions)
Distribution OH Feeder Hardening	0	$0.00	0	$0.00	0	$0.00
Distribution OH Lateral Hardening	0	$0.00	0	$0.00	0	$0.00
Distribution OH Lateral Undergrounding	0	$0.00	0	$0.00	0	$0.00
Distribution Pole Insp. & Replace*	N/A	$0.08	N/A	$0.08	N/A	$0.12
T&D - Vegetation Management*	N/A	$0.57	N/A	$0.57	N/A	$0.85
Transmission Inspection and Hardening	0	$0.00	0	$0.00	0	$0.00
SPP Program Management	N/A	$0.00	N/A	$0.00	N/A	$0
Totals		**$0.65**		**$0.65**		**$0.98**

**Planned activities are reflected in prior table. 2022 costs are reflective of May through December SPP cycle*

Table 24 - 2022-2023 Projects and Activities - Base Rates Only

2.2 2023 Estimated Cost and Rate Impacts

Pursuant to Rules 25-6.030(4)(b) and 25-6.030(4)(c), F.A.C., Table 25 below provides a comparison of the SPP rate impacts associated with the estimated and actual costs incurred during calendar year 2022 and the estimated rate impact during calendar year 2023 associated with costs estimates. The actual and estimated rate impacts shown below are based on the total SPP expenditures irrespective of whether the costs are recovered in base rates or through the SPPCRC and reflect calendar year cost impact not the year in which the recovery will be reflected on customer's bills.

Table 6-3 FPUC's Actual and Projected Bill Impacts (in dollars) (SPPCRC + Base Rates)							
2021 Actual		2022 Estimated		2022 Actual		2023 Estimated	
Total Costs (Millions)	Residential Bill Impact ($/1,000kWh)	Total Costs (Millions)	Residential Bill Impact ($/1,000kWh)	Total Costs (Millions)	Residential Bill Impact ($/1,000kWh)	Total Costs (Millions)	Residential Bill Impact ($/1,000kWh)
$0.00	$0.00	$ 2.49	$0.57	$1.52	$0.84	$10.32	$2.72

Table 25 - 2021 - 2023 Estimated and Actual SPP Rate Impacts

3.0 Other Legacy Storm Hardening Initiatives

The following section highlights legacy storm hardening initiatives that have not been incorporated into FPUC's SPP. In addition to these, FPUC continues to maintain and drill on a Natural Disaster Preparedness and Recovery Plan to ensure the Company's readiness to respond should either of its two Divisions be impacted by an extreme weather event.

3.1 Joint Use Pole Attachment Audit (Initiative #2)

FPUC has joint use agreements with multiple telecommunication and cable television providers. Some of the current agreements need additional language to add or clarify joint use audit and safety inspection instructions. Both CATV and Telco agreements were rewritten during 2014 to standardize language and to include clearly defined requirements for joint use pole attachment audits and safety inspections. During December 2014, new agreements were mailed to the CATV companies. Telco agreements expired on 12/31/2015 and had a requirement of 12-month advance notice of intent to terminate and replace the agreements. The Telco termination notices were delivered during December 2014. To establish pole ownership, both the new CATV and Telco agreements make provision for an initial joint use pole attachment audit to take place within 12 months of the effective date, upon request of the owner or licensee, and on a five-year recurring cycle after the first audit. In addition, the CATV agreements make provision, at the sole discretion of the owner, for a joint safety inspection to take place subsequent to the inventory audit within 2 years of the agreement effective date, and recurring inspections on a five-year cycle following the initial safety inspection. The agreements are subject to negotiation and the terms and timing are subject to change.

FPUC completed the joint use pole attachment audit during the last quarter of 2022. The next joint use audit will take place in 2027. The current pole count for each joint user is shown in the table below. Attachment counts are from the 2022 audit.

Joint Use Attacher	# of Poles Attached to FPUC	# of Poles FPUC Attached to
AT&T	3,188	608
Century Link	2,761	0
Charter (Spectrum)	1,586	0
Comcast	12,293	0
Crown Castle	10	0
Fairpoint	156	0
Southern Light Fiber	53	0
Uniti Fiber	481	0
ZYVO	57	0

Table 26 - Joint Use Audit Attachment Count

3.2 Post-Storm Data Collection and Forensic Analysis (Initiative #6)

FPUC has established a forensics oversight team to coordinate communications, schedule data collection activities, and final reporting requirements. Our plans are to utilize internal resources, outside consultants or teams from Southeastern Electric Exchange (SEE) Members to collect, analyze, and report on field data collected which will be entered into the FPUC Outage Management System (OMS). FPUC will utilize reporting forms for submitting forensic data to the FPSC.

In 2022, there were no significant storms that impacted FPUC service territories to the extent that the collection of forensics data was necessary. Hurricanes Ian and Nicole did impact the FPUC service territory but resulted in minimal damage.

The latest version of the FPUC "FORENSIC DATA COLLECTION AND REPORTING" procedure can be found in Appendix A:

3.2 Coordination with Local Governments (Initiative #8)

FPUC actively participates with local governments in pre-planning for emergency situations and in coordinating activities during emergency situations. As needed during emergency situations, FPUC personnel will be assigned to report to county and/or state Emergency Operation Centers (EOC's) on a 24-hour basis to ensure good communications.

FPUC works with and advises local governments regarding reliability issues with an emphasis on undergrounding, storm hardening and vegetation management. FPUC coordinates with local governments on projects and practices that may have an impact on the general public.

FPUC has employees that are responsible for maintaining relationships with local and state government officials/staff, businesses, and community leaders. These employees respond quickly to customer issues referred by elected and governmental officials and their representatives.

3.2 Natural Disaster preparedness and recovery plan (Initiative #10)

FPUC utilizes these plans to prepare for storms annually and to ensure all employees are aware of their responsibilities. The primary objective of the Disaster Preparedness and Recovery Plan is to provide guidelines under which Florida Public Utilities Company will operate in emergency situations. These Procedures do not include the additional steps we have implemented in case of a Pandemic occurrence at the time of a natural disaster recovery. The information contained within the Emergency Procedures are updated on an annual basis. The following objectives are included to ensure orderly and efficient service restoration.

1. The safety of employees, contractors and the general public will have the highest priority.
2. Early damage assessment is required in order to develop manpower requirements.
3. Request additional manpower as soon as conditions and information indicate the need.
4. Provide for orderly restoration activities in order to provide efficient and rapid restoration.
5. Provide all logistical needs for employees and contractors.

6. Provide ongoing preparation of our employees, buildings, equipment and support function in advance of an emergency.
7. Provide support and additional resources for employees and their families should they need assistance to address injury or damage as a result of the emergency situation.

Based on the location of the storm, the division office in that area will be designated as the operations center and all restoration and logistical activities will be coordinated from that location. Restoration activities will be handled in the following manner:

1. During the early stages of the emergency, restoration will be handled in a coordinated manner that results in all services restored as soon as possible.
2. As the storm intensifies and trouble reaches major proportions, the main restoration activities will be limited to keeping main feeders energized by clearing trouble without making repairs.
3. When the intensity of the storm is such that work can no longer be done safely, all work will cease and personnel will report to the office or other safe locations.
4. When the storm has subsided to a reasonable level and it is safe to begin restoration activities damage assessment and restoration of main feeders to critical customers will begin.
5. Restoration activities will continue in an effort to restore service in the following manner:

    a) Transmission
    b) Substations
    c) Main feeders to critical customers
    d) Other main feeders
    e) Undamaged primary
    f) Damaged primary, secondary, service, street lights, security lights

These guidelines are not intended to prevent responding to emergency situations. Any life-threatening emergency will be handled immediately, in such a manner as to not endanger the lives of others.

Communication efforts with local governments, County and State EOC's and the media will be a key in ensuring a safe and efficient restoration effort. Key personnel will be designated as the media liaison and will ensure that communications regarding the status of restoration activities are available on a scheduled basis.

2023 Emergency Procedures for both divisions along with any changes are as listed below. A full version of the plan is found in Appendix B.

NORTHEAST AND NORTHWEST DIVISION CHANGES

General Update Information

Revisions:

- Revised General Procedures to correct language and provide some commonality between Divisions.
- Revised storm materials
- Updated contacts and phone numbers where appropriate

Appendix A

FORENSIC DATA COLLECTION AND REPORTING

PURPOSE:

To set standards and responsibilities for the collection, assessment, and reporting of storm related damage to FPUC transmission, substation, and distribution structures and equipment. To accomplish these tasks in an orderly manner, safely, and with a minimum of interference with the process of system restoration following a storm.

PROCESS:

A minimum of 72 hours prior to the storm; FPU will initiate the forensic process by alerting team members both in-house and external of the impending event. All contact information will be verified for accuracy and all equipment will be checked to make sure it is in good working order.

48 hours prior to the storm; begin the process of accessing where the storm is most likely to strike and determine the best locations for forensic teams. Inform team members of more specific information as it becomes available.

24 hours prior to the storm; notify all team members of actual crew personnel, mobilization plan, safety procedures, and reporting instructions.

After the storm; perform a forensic investigation at each location or a representative sample of locations encountered that meets reportable criteria. Damage locations to include, but are not limited to poles, wires, cross arms, insulators, transformers, reclosers, capacitor banks, cutouts, any other equipment that is damaged or has caused a customer outage.

Damage areas will be determined and teams dispatched utilizing FPU's outage management system, reports from customers, and reports from restoration crews.

RESPONSIBILITIES:

An FPUC Forensic Team Leader will be assigned and will be responsible for managing the overall forensic effort. This will include tracking storm progress, selecting areas to be surveyed, coordinating team deployment, and communications with local Operations Centers, review findings and generating final reports.

Florida Public Utilities Company will utilize Internal Employees, Outside Consultants or Southeastern Electric Exchange (SEE) Member Teams to provide forensic investigative teams that will be responsible for safely collecting information on storm damage. Damaged facilities are defined as broken poles, leaning poles, broken or downed wires, damaged line equipment, and any other incident that has caused a customer outage.

REPORTING:

All post storm forensic data collected will be entered in standard forms. The form allows both overhead and underground damage to be entered and data must be entered separately for each incident. Pictures of damages from multiple views will be taken and included for clarity and additional assessment. The form utilized for the data collection is shown below.

FPU Post-Storm Forensics Data Collection Sheet

Date of Data Gathering

Storm Information

A. Storm Name

B. Wind Information
- 1 predominant direction
- 2 intensity
- 3 tornadoes (Y/N)

C. Rain
- 1 Amount (inches)
- 2 Duration (hours)

D. Storm
- 1 Speed (mph)
- 2 Wind field

Location Information

A. Geographic Location of Observation (GIS) / Equipment ID #
B. Soil Type
C. Surface Grade
D. Topology (ditch, hill, etc.)
E. Flood zone? (Y/N)
F. Exposure level (coastal, suburban, inner city, urban, rural)
G. Attach pictures, video? (Y/N)
H. Debris in area (describe)
I. Tree Density (light, medium, heavy)

Overhead Facilities Information

A. What was the object that failed? (check all that apply)
- 1 Cross arm?
- 2 Pole?
- 3 Span/line?

B. Observed cause of failure (check one)
- 1 Debris
- 2 Tree
- 3 Wind only
- 4 Cascade

C. Pole Information

1 Attributes

a. Is the pole a primary feeder? Lateral? (check one)
- 1) Primary Feeder
- 2) Lateral

b. Types of trusses (describe)

c. Owner (name)

d. Contruction Type of pole (check one)
- 1) Tangent
- 2) Angle
- 3) Right angle
- 4) Dead end

2 Pre-wind condition
- a. Wind grade
- b. Class
- c. Height (feet)
- d. Birth Year
- e. Type of pole (CCA, Penta, Creasote)
- f. Span length (approximate, in feet)
- g. Decay or deterioration? (Y/N)
  - 1) Circumference at decay (inches)
- h. Last inspected
  - 1) Year
  - 2) Receive treatment? (butt wrap, chemical, unknown)
- i. Braced? (Y/N)
- j. Guyed? (Y/N)

3 Break? (Y/N)
- a. Height measurement at break (check one)
  - 1) Lower 1/3
  - 2) Middle 1/3
  - 3) Upper 1/3
- b. Circumference at break (inches)
- c. Break at foreign attachments? (Y/N)
- d. Break at own attachments? (Y/N)
- e. Direction of break

4 Is pole leaning? (Y/N)
- a. Direction
- b. Angle from vertical

5 Own conductors
- a. Number primary
- b. Number secondary
- c. Horizontal or vertical (H/V)

6 Attached equipment
- a. Transformer (Y/N)
- b. Arrestor (Y/N)
- c. Cap bank (Y/N)
- d. Disconnect (Y/N)
- e. Re-closer (Y/N)
- f. Fuse (Y/N)
- g. Regulator (Y/N)
- h. Other (describe)

7 Per third party attachment
- a. Owner (name)
- b. Type (coax, telephone, fiber, antenna)
- c. Number of cables
- d. Size (diameter in inches)
- e. Location on pole (height in feet)
- f. Guiding (Y/N)
- g. Authorized or unauthorized?
- h. Over-lashed? (Y/N)

8 Cascade
- a. Is this an endpoint? (Y/N)
- b. What started cascade? (describe)
- c. What stopped cascade? (describe)
- d. Direction of lean/down?
- e. Type of guiding (describe)

9 What wasn't damaged? (describe)

Underground Facilities Information

A. What was the object that failed?

1 Equipment (check one)
- a. Transformer
- b. Switchgear
- c. Load break cabinet
- d. Capacitor bank
- e. Other (please describe)

2 Enclosure type (check one)
- a. Stainless steel
- b. Aluminun
- c. Mild steel
- d. Other (please describe)

3 Conduit? (Y/N)

4 Direct buried cable? (Y/N)

5 Underground vault? (Y/N)

B. Attributes of facilities

1 Type (check one)
- a. Feeder
- b. Lateral

2 Anchoring equipment
- a. Type of pad (describe)
- b. Type of attachment to pad (describe)

3 Age of facilities (years)

4 Pre-storm condition
- a. Date of last inspection (year)
  - 1) Receive treatment? (describe)
- b. Cable depth relative to surrounding area (feet)
- c. Hardened? (Y/N)
- d. Installer (name)

C. Observed cause of failure? (Y/N)

1 Source of water (check all that apply)
- a. Storm surge
- b. Flood water

2 Type of water (check one)
- a. Fresh water
- b. Salt water

3 Tree uprooting? (Y/N)

Damage Assessment Summary

Circuit #	ALTHA			Patrolled By	
Map #	9952				
Fuse #				Phone #	
Poles		**Sum**			
30 c 6	(Secondary)				
35 c 6	(Secondary)				
40 c 1	(Single Phase)				
45 c 1	(two/three phase)				
Guys/Anchors					
2g/1a	(Single Phase)				
2g/1a	(Two Phase)				
3g/2a	(Three Phase)				
Framing					
Single Phase	(Pole Top Pin)				
Two Phase	(Mod-Triangular)				
Three Phase	(Triangular)				
Single Phase	(Dead End)				
Two Phase	(Dead End)				
Three Phase	(Dead End)				
Transformers					
10 kva					
15 kva					
25 kva					
50 kva					
other					
Conductor					
Splices	(Locations)				
1/0 AL	(Lateral)				
336/477	(Feeder)				
1/0 Triplex	(Service/Secondary)				
Tree Trimming					
Spot Trim	(Individual Trees)				
Trim/Clear	(Spans)				
R/W Clearing	(Spans)				
Additional (Notes):					

Appendix B

FLORIDA PUBLIC UTILITIES

ELECTRICAL DIVISION

2023 EMERGENCY RESPONSE PLAN and PROCEDURES for NATURAL DISASTER RECOVERY

REVISIONS/REVIEWS

Date	Revisions/Changes	By
Sept 22, 2022	Combined NE and NW plans.	WLH/KM
March 17, 2023	Updated required changes by operations team	KM/KW/RG

1. OBJECTIVE

The procedure's main objective is to provide guidelines under which the Electric Divisions of Florida Public Utilities Company will operate in emergency conditions. The following objectives will ensure orderly and efficient service restoration.

A. The safety of employees, contractors and the public will have the highest priority.

B. Early damage assessment is required to develop workforce requirements.

C. Request additional workforce as soon as conditions and information indicate the need.

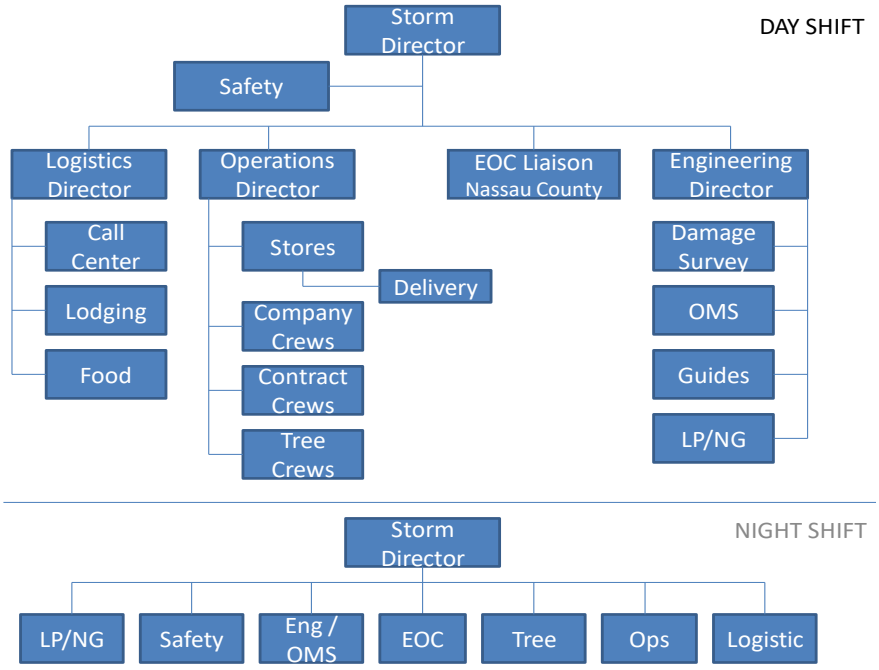
D. Provide orderly restoration activities to provide efficient and rapid restoration.

E. Provide all logistical needs for employees and contractors.

F. Provide ongoing preparation of our employees, buildings, equipment, and support functions before an emergency.

G. Provide support and additional resources for employees and their families should they need assistance to address injury or damage because of the emergency.

2. STORM MODE ORGANIZATIONAL CHART



***NOTE: NIGHT SHIFT MAY OR MAY NOT BE UTILIZED**

3. EMERGENCY PERSONNEL POLICY

As a public utility we provide essential services for our customers and the general public. Therefore, the purpose of the Company's Emergency Personnel Policy is to encourage employees to make every reasonable effort to report to work. Each employee performs an essential role in the Company's operation, and it is important every employee report to duty as scheduled during an emergency. Restoring and maintaining services after a major storm is a difficult job and requires everyone's best efforts. If necessary, employees may be required to assist other departments or perform functions outside of their normal daily work assignment. It will take every employee's cooperation before, during and after an emergency.

A. As a storm approaches, supervisors will inform employees of their storm assignment. Employees not directly involved in maintaining services may be released to go home before the storm threatens safe travel.

B. Off-duty employees should call their immediate supervisor as soon as possible after an emergency condition is announced. An Emergency Condition Warning is usually given within 24 hours of occurrence. Supervisors will inform employees as to where and when they will be needed prior to, during, and after the storm. If an employee's supervisor is not available, they should call - the Operations Center office. This requirement applies to all employees in Electric Operations when an emergency threatens any of the company's service areas.

C. During an emergency, the company will maintain a small workforce to monitor the emergency and address emergency conditions that may exist. This workforce will be at a safe location and work closely with the County Emergency Operations Center (EOC). The company will determine what resources will be required and will

consider utilizing those employees who volunteer for this type of work. Local management will form the basis of this group. Other employees will be included based on the severity and timing of the emergency.

D. All employees are strongly encouraged to have a personal evacuation plan and know what to do during an emergency condition that impacts the service area. The plan should consider the magnitude of the emergency and the significance of the necessary actions. The plan should ensure - the employee and their family are safely out of harm's way while still allowing the employee to respond as required when the emergency conditions subside to a manageable level.

E. The company may move some/all the transportation equipment to separate locations to ensure one event does not cause damage to the fleet. Employees are encouraged to volunteer to take certain vehicles with them prior to an emergency and use them to return to work as soon as possible after the emergency conditions subside to a manageable level. The company will determine how the transportation equipment is distributed among the volunteer employees.

F. After the emergency passes, all personnel not on duty during the storm will report as soon as possible to their supervisor or his/her designate by telephone. In the event the telephones are not working, or you are unable to communicate with your supervisor or the company office, report in person to your regular workstation as soon as possible during daylight hours.

G. Personal emergencies are common results of a major hurricane and will not be acceptable as an excuse for not reporting to work. Evacuation from a hurricane threatened area to a remote location from which you cannot promptly return to your home is also not acceptable as a reason for not reporting to work. Any extenuating circumstances resulting in the employee availability to report to work mu

4. GENERAL RESTORATION GUIDELINES

These general guidelines are issued to provide overall guidance as to emergency system restoration activities and will be followed as much as practical in emergencies caused by hurricanes, tornadoes, ice storms and other natural disasters. These guidelines are not intended to prevent responding to emergency situations. Any life-threatening emergency will be handled immediately, so as not to endanger others' lives.

The Electric Operations building was designed to withstand 160 mph sustained winds. If winds are expected to significantly exceed these ratings, alternative locations will be identified, and restoration will be relocated to an alternate Facility.

Each employee and contractor should maintain good customer relations during restoration activities. Customer service will continue to be a high priority and every reasonable effort should be made to satisfy our customers.

Press releases and public announcements should be made **only** by designated company management personnel. Any requests should be forwarded to the Media Hotline at 888-843-5121.

Restoration activities will be handled in the following manner:

A. During the initial stages of the emergency, restoration will be handled in the usual manner. All service will be restored as soon as possible.

B. As the storm intensifies and trouble reaches major proportions, the main restoration activities will be limited to keeping main feeders energized by clearing trouble without making repairs.

C. When the intensity of the storm is such that work can no longer be done safely, all work will cease, and personnel will report to the Operations Center or other safe location. Aerial work will not be conducted when wind speed reaches 35 miles per hour.

D. Damage assessment and restoration will begin as soon as the storm has subsided to a level to make it possible to perform work safely.

E. Restoration activities will continue to restore service in the following manner:

1) Transmission (NE Division Only)
2) Substations
3) Main feeders to critical customers (See Critical Customer List)
4) Other main feeders
5) Undamaged primary
6) Damaged primary, secondary, service, streetlights, security lights

5. EMERGENCY ELECTRIC SAFETY PRECAUTIONS

The policies and practices contained within the FPU Electric Division Safety Handbook shall be followed. However, to point out some precautions which should be observed during storms, the following instructions listed below should receive special emphasis:

All incoming crews must have and document a safety briefing as soon as practical upon arrival and prior to starting any work. This will be to introduce them to our system and inform them of our expectations. Pole bands at open points shall be used to identify the work zone. The responding Company's safety rules and FPU's rubber glove, ground to ground rule shall be observed during the storm and restoration period.

Be advised net metering is present on our system and can be identified by a green stripe around meter glass.

A. EVALUATING THE WORK:

Before undertaking any job, a job briefing shall be thoroughly discussed and documented so all personnel shall understand what is to be done, how it is to be done, and the following:

1. Voltage and position of all wires, or cables, and the sources or source of energy.
2. All grounding, cover up and switching procedures shall be observed.
3. The work at hand can be done safely.
4. There is enough of each kind of protective equipment on hand to thoroughly protect the working position of the employees.
5. They should consider the ground and traffic conditions and arrange to protect and guard these against all hazards.

B. INSULATION:

In cases of trouble following storms, all wires, regardless of normal voltage, are to be considered as being at primary voltage and are not to be handled except with protective equipment because of danger of crosses between primary and secondary circuits. This is a ground-to-ground statement. This may be modified case by case by the Operations Manager and Safety Coordinator.

C. DISTRIBUTION CIRCUITS ON OR NEAR TRANSMISSION POLES:

If it is necessary to work on the conductors of a distribution circuit carried on or near transmission line poles with the transmission circuit energized and normal, any work on the conductors of the distribution circuits must be done between sets of grounds or else the distribution circuit must be worked and treated as an energized circuit. To determine positively that the lines to be worked on are de-energized, conductors must be tested and verified for the absence of voltage before grounds are applied.

If the transmission line is also out of service, it must be considered as a possible source of induced voltage from which the distribution circuit may be energized.

D. STREET LIGHTING WIRES:

Streetlighting wires shall always be considered energized, and employees shall wear proper protective equipment while working on them.

E. FUSE CUT-OUT CLEARANCE:

When a distribution circuit is to be de-energized and cleared for working on conductors or other equipment by the opening of a fuse cut-out, either of the enclosed or open type, the fuse holder or tube is to be removed completely from the fuse assembly. The removed fuse holder or tube is to be placed at a safe and conspicuous location away from the fuse cut-out as an indication to other employees. The fuse cut-out shall continue in this open position until the work is completed. In addition, a red "hold" switch tag (with Line worker's name) should be attached to the pole in a conspicuous location and then removed when work is completed.

A pole band shall be used to identify who is working beyond the open point.

F. REQUIREMENTS FOR USE OF RUBBER PROTECTIVE APPARATUS:

All wires, regardless of nominal voltage, are to be considered at primary voltage and not handled without proper use with protective equipment.

Energized Conductors - Rubber gloves must always be worn when working on energized lines or energized conductors or equipment up to 15,000 volts between conductors.

1. Working position - Rubber gloves must be put on before coming in reach (Minimum Approach Distance, M.A.D.) of energized conductors when work is done on conductors or protective equipment is to be installed.

Because of the possibility of high voltage existing, rubber gloves must be worn until the conductor is grounded on primary circuits and on street lighting circuits.

G. SWITCHING ORDERS:

All feeder switching and switching orders shall be executed per the FPUC Switching and Tagging Procedure. In all switching orders, the switches shall be referred to by their numbers and not by the name of the circuit which they control. The sequence in which the switch numbers are given, in the order, shall indicate the sequence of the switching operation. For example, an order given: "open switches 502-509 and close switches 511-502" shall be executed as follows: first, open switch 502; second, open switch 509; third, close switch 511; fourth, close switch 502.

NO DEVIATION FROM THIS RULE WILL BE PERMITTED.

To avoid misunderstandings and to prevent accidents, all orders concerning switching operation, or the handling of lines and equipment must utilize three-part communication.

H. HIGH WATER:

During high-water involving lines or equipment, employees shall not try to swim sections of the patrol which may be submerged. Necessary patrols over flooded areas must be done with boats and in such instances, employees engaged in these patrols should wear suitable life belts or jackets.

I. BROKEN CONDUCTORS:

Before climbing a pole, check for broken conductors, which may be in contact with pole. Clear before climbing.

6. ANNUAL PREPARATIONS

Storm Director

A. Review emergency procedure prior to May 1 and update, as necessary.

B. Develop employee assignments with all personnel prior to June 1.

C. Update status of emergency crew assistance (Contractors, Southeast Electric Exchange (SEE), etc.).

D. Ensure storm shutters, laundry facilities and cooking facilities are available.

E. Ensure that Safety, Logistics, Operations and Engineering have completed pre-storm preparations.

Electric Operations Manager

A. Check all communication equipment for proper operation. Check spare equipment and parts.

B. Check material quantities and emergency stock prior to June 1. Communicate material requests to Stores Manager to purchase the emergency stock approved for purchase prior to an emergency.

C. Have necessary emergency material delivered prior to June 1.

D. Review status of all transportation equipment and repairs made.

E. Update status of remote storeroom site and trailer(s).

F. Update status of emergency fuel suppliers, on site fuel and mobile fuel suppliers.

G. Update status of vehicle repair facilities.

Safety

A. Review safety precautions with all line crew personnel prior to June 1.

B. Schedule and conduct half day emergency procedure training sessions prior to June 1. Written documentation is to be retained when training is complete.

C. Review assignments with each department by June 1.

D. Develop a list or volunteers and provide training for contract assistance personnel (bird dogs)

E. Participate in county-wide storm drill and/or host storm drill for FPU employees.

Propane/ Natural Gas Operations Manager

A. Check all communication equipment for proper operation. Check spare equipment and parts.

B. Check material quantities and emergency stock prior to June 1. Begin necessary purchasing of emergency stock approved for purchase prior to an emergency.

C. Review safety precautions with all propane and natural gas personnel prior to June 1.

D. Have necessary emergency material delivered prior to June 1.

E. Review status of all transportation equipment and repairs made.

F. Update status of emergency fuel suppliers, on site fuel and mobile fuel suppliers.

G. Update status of vehicle repair facilities.

Customer Care / Logistics

A. Update the list of critical customers by town/county and provide updates to the Storm Director by June 1. Group the critical customers by town/county by classification:

1) Hospitals/Outpatient clinics & Nursing Homes
2) Public utilities
3) Municipal and state emergency service
4) Communication and broadcasting services
5) Major food storage/processing facilities/Restaurants
6) Disaster shelter and motels
7) Correctional facilities
8) Airport

B. Update phone list for employees, law enforcement, emergency management, city/towns, utilities, contractors, tree trimming, personnel, news media, PSC, DCA, EDC, GEO, etc. and provide updates to the Storm Director by June 1.

C. Review emergency telephone arrangements and make additional preliminary arrangements.

D. Update status of motel rooms necessary for emergency/contract crews.

E. Locate sources of food/water for crews and office personnel. Identify local and out of town caterers.

F. Locate sources for provision of the following Division office supplies.

G. Update status of cellular phones.

H. Update the procedure of the Office Operation.

Engineering

A. Update and have on hand the following:

1. Storm safety precautions
2. Ensure Outage Management System (OMS) is functional
3. General operating instructions
4. Distribution maps
5. Single line switching maps
6. City and county maps

B. Have a control room and all necessary information and equipment ready for prompt setup. Phone jacks, internet connection and distribution map are minimum requirements.

C. Conduct annual refresher training for personnel required to operate the Outage Management System (OMS).

Crew Leaders

A. Review status of all transportation equipment and have repairs made

B. Verify all vehicles kept filled with fuel

C. Assist with annual refresher training

Warehouse

A. Check material quantities and emergency stock prior to June 1. Begin necessary purchasing of emergency stock approved for purchase prior to an emergency.

B. Have necessary emergency material delivered prior to June 1.

7. INITIATE STORM MODE PLAN

Storm Director

A. Monitor the emergency.

B. Begin preparing to obtain emergency assistance from other utilities and contractors.

C. Check the status of personnel on vacation.

D. Handle all media requests by relaying contact information to Marketing or Management.

E. Inform all employees as to assignments and emergency information.

F. Consult with the Executive Team concerning activation of the ERP.

G. Consult with Executive Team concerning assistance from other divisions (i.e., mechanics, storeroom, media, family assistance, IT/Communications). Personnel from other divisions will be identified and mobilized. They will move as close as practical to Northeast Florida and then proceed to the office as soon after the emergency as travel can be accomplished safely. This location may change dependent upon the situation.

H. Obtain special job number for all emergency related work from Finance.

I. Make determination on when to release personnel to go home and provide instructions to employees.

J. Contact EOC liaison to coordinate communications with appropriate EOC.

Electric Operations Manager

A. Have all vehicles stocked with all necessary emergency materials and fuel.

B. Monitor time/material needs of contractors.

C. Check emergency stock levels and fuel supplies.

D. Review plan to supply power to office and warehouse facility.

E. Check all communication equipment.

F. Review safety precautions with all personnel.

G. Review job assignments with personnel and pass out necessary forms, information.

H. Have all hazardous conditions corrected and construction jobs stabilized.

I. Verify fuel supplier availability.

J. Make arrangements for a boat and trailer suitable for construction.

K. Ensure all vehicle repairs are made and final arrangements with vehicle repair facilities confirmed.

L. Check on emergency generators and secure additional generators if needed.

M. Secure all material in the warehouse yard.

Safety

A. Monitor the Storm.
B. Check and verify that yard and buildings are safe and secure
C. Conduct safety orientation for contracted employees.

Propane/Natural Gas Operations Manager

A. Have all vehicles stocked with all necessary emergency materials and fuel.

B. Monitor time/material needs of contractors.

C. Check emergency stock levels and fuel supplies.

D. Review plan to supply power to bulk plant using backup power supplies.

E. Check all communication equipment.

F. Review safety precautions with all personnel.

G. Review job assignments with personnel and pass out necessary forms, information.

H. Have all hazardous conditions corrected and construction jobs stabilized.

I. Ensure all vehicle repairs are made and final arrangements with vehicle repair facilities confirmed.

J. Secure all material in the warehouse yard.

K. Install Storm Shutters on all offices with the help of natural gas.

L. Place plastic covering over all electronic or sensitive equipment and secure, as necessary.

Customer Care/Logistics

A. Arrange for additional petty cash and cash advances (if necessary).

B. Arrange with telephone company additional lines if necessary.

C. Review assignments with personnel.

D. Ensure all computers are backed up and secured.

E. Ensure all paperwork/documents are filed and secured properly.

F. Provide a control room with customer lists, addresses, phone numbers and account numbers.

G. Work with HR department and personnel from other divisions to aid employees and their families. Assistance may include work to prevent further damage to homes, care for children, to work with contractors or insurance companies and provide food/lodging/clothing, etc.

H. Make definite arrangements for contract crew lodging.

I. Make definite arrangements for food/water/drinks for all personnel.

J. Purchase food supply for office/warehouse prior to storm (if the severity of the storm warrants this).

K. Run the hurricane report from ECIS40.

L. Make arrangements for an abundant supply of ice.

M. Make definite arrangements for building security.

N. Make definite arrangements for Division Office supplies (See Annual Preparations, Logistics Manager, and Item E.)

O. Place plastic covering over all electronic or sensitive equipment and secure as necessary.

Engineering

A. Provide distribution maps, procedures, etc. as necessary.

B. Ensure OMS is backed up and operating.

C. Begin constant monitoring customer outages.

D. Review the contents of the damage assessment kits.

8. INITIAL STAGE OF THE EMERGENCY

Storm Director

A. Activate the control room located Northeast/Northwest Florida and constantly monitor the situation and restoration process.

B. Keep internal media sources informed.

C. Plan for additional services needed during the restoration process to include damage assessment teams and mutual assistance crews.

D. Communicate with appropriate county and State EOC on their operations schedule.

Electric Operations Manager

A. Be located at the Electric Division Operations Center (if possible) and constantly monitor the situation and restoration process.

B. Coordinate overall restoration process.

C. Begin analyzing trouble.

D. Ensure employees that may be working are secure when wind gusts reach 35 miles per hour.

E. Work with Storm Director to determine restoration requirements.

Safety

A. Prepare for the arrival of external crews. Onboarding of external crews as they arrive, and time allows

B. Prepare daily safety briefing to be delivered to internal and external crews.

Propane/Natural Gas Operations Manager

A. Be located at the FPU Operations Center (if possible) and constantly monitor the situation and restoration process.

B. Activate propane restoration process.

C. Coordinate with Engineering.

Logistics

A. Have food and drinks available to all employees.

B. Work with Operations Manager and begin making final logistical arrangements for outside crews.

Customer Care

A. Be located at the FPU Operations Center (if possible) and coordinate the answering and processing of telephone calls.

B. Coordinate assistance to employees and their families.

Engineering

A. Be located at the FPU Operations Center (if possible) and Continue processing customer outage system analysis and monitoring system to determine outage locations.

B. Work with Operations Manager to determine restoration requirements.

D. Provide periodic outage updates to the PSC and County/State EOC.

9. LOCAL STORM MODE

Storm Director

A. Determine resources requirement from information provided by Operations and Engineering. Contact the Executive Team concerning the situation, if possible, and advise whether the additional personnel should continue to the FPU Operations Center. If communications are not possible, the Storm Director will determine whether the team should continue to FPU Operations Center or return home.

B. Activate additional service needed during the restoration process including damage assessment teams and mutual assistance crews.

C. Keep the media informed until the Manager of Communications is available. At that time, the Manager of Communications will work with the Storm Director to keep the Media informed.

Electric Operations Manager

A. Initiate damage assessment teams.

B. Prioritize and schedule the restoration process.

C. Make assignments and dispatch crews as necessary to ensure orderly and efficient restoration.

D. Provide damage assessment to Storm Director.

E. Provide updates to Storm Director as needed concerning restoration progress.

F. Monitor resources and equipment requirements and update Storm Director as required.

G. Keep a list of all company and outside crews and their locations.

H. Determine and assign appropriate resources and equipment for each outage situation.

I. Provide outside crews with all necessary information and safety information.

J. Monitor storeroom and remote storeroom for proper operation and inventory. Analyze workforce requirements.

K. Ensure all documents are completed prior to material leaving the storeroom and storeroom yard.

L. Monitor and aid in repairing vehicles.

Safety

A. Daily safety briefings for internal and external crews. Onboarding of external crews as they arrive, and time allows

B. Incident investigations.

C. Field observations.

Propane/Natural Gas Operations Manager

A. Make assignments and dispatch crews as necessary to ensure orderly and efficient restoration.

B. Provide damage assessment to Storm Director.

C. Provide updates to Storm Director as needed concerning restoration progress.

D. Monitor resources and equipment requirements and update Storm Director as required.

E. Keep a list of all company and outside crews and their locations.

F. Determine and assign appropriate resources and equipment for each situation.

G. Provide outside crews with all necessary information and safety information.

L. Monitor and aid in repairing vehicles.

Customer Care/Logistics

A. Coordinate the answering of telephone calls.

B. Provide petty cash and pay bills as needed.

C. Contact critical customers if the restoration time is lengthy.

D. Aid and serve as liaison to employees and their families.

E. Make final and definite arrangements for lodging, fuel, meals, snacks, coffee, drinks, etc. for all employees and contract employees.

F. Check-in all outside crews and log the personnel and equipment included. Aid with lodging, meals, etc. and keep up with crew locations.

G. Aid as needed.

H. Ensure building security firm is operating at office.

I. Ensure Division office supplies are in place if needed.

J. Ensure caters are available as needed.

Engineering

A. Continue processing customer outage system analysis and monitoring the system to determine outage locations.

B. Work with Storm Director and Operations Director to determine restoration requirements.

C. Provide periodic outage updates to the PSC and Nassau County EOC.

10. Operating Procedure

These instructions are intended to give the employee working on the line information as to the general procedure to be followed under hurricane conditions.

The Electric Operations Manager and Safety will review these instructions with employees each year so that they may become familiar with the details. This should be done before June 1of each year.

A. BEFORE THE STORM

All operating personnel should be instructed as to:

1. Safety and operating procedures to be followed during the storm.
2. Where and when materials and supplies will be available.
3. Their assigned areas and supervisor.
4. Any provisions made for feeding and lodging.
5. Workdays will normally be two shifts. Each shift will consist of at least 12 hours but could be 16 hours.
6. The necessity of dividing line crews for clearing and minor repairs.
7. Internet and telephone communication procedures with appropriate list of telephone numbers.

B. DURING THE STORM

1) First Stage - Repairing All Cases Reported

To reduce the overall outage time for interrupted- customers - at the beginning of the storm, trouble will be handled in a normal manner during the preliminary stages.

2) Second Stage - Clearing Trouble from the Lines

To maintain service to essential customers and feeders; when the volume of trouble increases to the point where large areas are interrupted, the Operations Manager will instruct crews to clear trouble from the lines without making repairs.

a. Secondary or service wires may be cleared by cutting the conductor away from energized lines or by opening the transformer cut-out.

b. Damaged primary conductors may be cleared by cutting and rolling back, a primary jumper

or conductor at the cross arm or by sectionalizing switching, if applicable.

3) Third Stage - De-energizing Main Lines

When the winds reach the point where it is no longer safe for crews to continue clearing operations all restoration activities will cease. The Operations Manager may instruct crews to de-energize main line feeders at substations if necessary to clear extremely hazardous conditions.

C. AFTER THE STORM

The sequence of restoration after the winds subside to a safe working level will be as follows:

1) Check substations (Investigation) – Assess Damages

a. Verify Transmission Service
b. Assess Equipment Damage
c. Identify Feeder Lockouts

2) Transmission Line Patrols

a. FPL/JEA switch yards to Step-down
b. Step-down to AIP
c. Step-down to JLT
d. JLT to Eight Flags CHP and both mills

3) Isolate & Restore Process

This phase will occur immediately after the storm's passing, and the area has been designated as safe. The Storm Director will identify feeders out and prioritize them for the isolate and restore process based on the priority feeder list and observed outages. Feeder patrols shall be performed by two-person crews.

4) Damage Assessments

After the isolate and restore phase, the damage assessment (DA) teams will patrol the backbone portion of the feeders that ***have been isolated and restored first***.

5) Restoration Order

A. Feeders
B. Undamaged primaries (fuse replacement only)
C. Damaged primaries
D. Secondary's
E. Services
F. Streetlights

11. TELEPHONE OPERATORS GUIDE

During any major interruption, our customers will naturally be concerned about falling wires, burning wires, defrosting refrigeration and even their daily routines in which electricity plays a part. The most important test we have is maintaining good relations during these emergencies. Those employees answering telephones must keep this in mind - be calm, pleasant, and sympathetic with the customer and at the same time getting the necessary information needed to clear dangerous conditions and restore service as soon as possible, giving as much information to the customer that is available.

Outlined below is a suggested procedure to be used during three separate phases of an interruption (Management will determine when Phase 1 begins and when movement to Phase 2 and 3 is indicated):

Phase 1 - will be in effect until the time of the first trouble calls are worked or until it is evident that there is a widespread damage in that area.

Phase 2 - will be in effect following Phase 1 until damage evaluations have been made and an estimate of the time required for making major repairs.

Phase 3 - will begin in an area where an estimate of the time required to make major repairs is available and will continue until all trouble is clear. Your supervisor will advise you when conditions change from one phase to another in accordance with the routines outlined below:

Suggested Answering Routine to be used by All Operators

Phase 1 - Early Trouble Prior to Extensive Damage

1. "Florida Public Utilities, may we help you please."

    a. If no lights, no power, lights dim, ask: "What is your name, address and telephone number please?"
    b. If wire down, pole broken, tree on a line, ask:
        1) "Is the wire burning?"
        2) "Are your lights working?"
        3) "We hope to be able to make repairs shortly. Thank you very much for calling."

Phase 2 - Extensive Damage Evident but Estimate of Repair Time Not Available

1. "Florida Public Utilities, may we help you please."

    a. If no lights, no power, lights dim, ask: "What is your name, address and telephone number please?"
    b. If wire down, pole broken, tree on a line, ask:
        1) "Is the wire burning?"
        2) "Are your lights working?"
        3) "Our electric system has suffered considerable damage in your area, and we have not been able to make an estimate of the time required for repairs. Our crews are working now and if your service has not been restored by (morning/afternoon) please call again. Thank you."

Phase 3 - Damage Evaluated and Repair Time Estimated

1. "Florida Public Utilities, may we help you please."

    a. If no lights, no power, lights dim, ask: "What is your name, address and telephone number please?"

    b. If wire down, pole broken, tree on a line, ask:

1) "Is the wire burning?"
2) "Are your lights working?"
3) "We have crews working on the lines which serve your area and repairs should be made by (time). If your electricity is not on by that time, please call again. Thank you."

Call Operators Guide (if needed)

Remember a properly handled telephone conversation with a customer can create an immeasurable amount of goodwill. When conversing with customers, keep the following points in mind:

1. Be courteous to each customer.
2. Give him/her as much information as is available about the restoration work.
3. Record each call and report the information vital to restoring the customer's service.
4. Handle each call as briefly as possible.
5. Thank the customer for calling.
6. Do not give the news media information. If a request for added information is received, record the name of the individual, news organization, telephone number and specific request. Inform the caller that a company representative will return the call. The information should be sent immediately to the Electric Operations Manager, Northeast Florida.
7. During an emergency condition, some customers will contact the company for reasons that do not pertain to the emergency. These calls should be recorded, and the exact customer needs should be stated in the remark's column. These calls may include disconnections, reconnections, etc., or may be a personal call to an employee. After the contact has been recorded, the completed form should be given directly to the supervisor.

Entering Outages

Each customer call will be recorded in the Outage Management System (OMS). The information entered should be entered accurately to ensure the system operates properly. The information entered will be stored as a permanent record and will be used to analyze the nature of the outages.

Should emergency situations come to your attention, please notify a supervisor. The method of this documentation will be determined.

12. MEDIA/PUBLIC INFORMATION GUIDE

To monitor all information given to media and public sources, only members of the Senior Leadership team (SLT), Manager of Communications, or their designee will make press releases. If other employees are asked by the media or public agencies for information, politely ask them to call (888) 843-5121 for the latest information.

13. WAREHOUSE PROCEDURE

During an emergency, material is vital to restore service promptly and efficiently to all customers. It is therefore important to monitor all stock levels to ensure adequate supplies are on-hand and if stock levels get low, be able to quickly order additional materials.

All material taken from the storeroom or remote storeroom will have the appropriate documentation completed before being removed from the stores area. The store's personnel will ensure this is followed.

Only authorized personnel should be in the stores area. Store personnel will monitor those in the store's area to ensure compliance.

15. Personnel Backup Contingencies

Should the following personnel not be available during emergencies, personnel in the positions listed below will fill in as needed.

Director, Electric Operations
Manager, Electric Operations

Propane Operations Manager
Natural Gas Operations Supervisor

Engineering
Engineering Manager

Customer Care Director
Customer Care Manager

17. <u>EMERGENCY ASSISTANCE LIST</u> (NE DIVISION) - up-dated 3-1-23

Southeast Electric Exchange	Scott Smith	(404) 233-1188 (404) 357-6800 cell	Crews
FPU-Fernandina	Kevin Walz	(904) 465-5804	Crews, Tree Crews, Support
ATT	Marvin Fisher Scott Miller	(904) 727-1544 (904) 403-1894 (904) 407-2569 (904) 238-8263 cell	Engineering Engineering
Comcast	Mike Jackson	(904) 626-2400 1-855-962-8525..3...1..HFC	Day contact After hours answering serv.
Quantas/Dillard Smith	Brian Imsand	(423) 490-2206	Crews
Pike Electric Inc.	Barry McCarthy bmccarty@pike.com	(912) 258-0645 cell (850) 632-5769 home	Crews
Pike Electric Inc.	Russell Youmans	(912) 816-7534	Crews
Public Service Commission	Robert Graves (EOC)	(850) 431- 7009 (850) 408-4757 cell	Primary contact
PSC	Tom Ballinger	(850) 413-6680	Backup contact
Florida Electric Power Coordination Group	Stacy Dochoda	(813) 207-7960	Crews
Mastec	Ron Martin VP	(850) 519-0639 cell	Crews
C & C Powerline	Rick Springer rick@ccpowerline.com	(904) 751-6020 (904) 759-4703	Crews
Davey	Mike Mittiga	(407) 383-0648 mobile	Tree Crews
Asplundh	Ronnie Collins	(352) 256-2370 cell	Tree Crews
FPL	Dispatcher	(904) 665-7152	Power Supply
LE Myers	RJ	(407) 466-4663	Crews
Altec	Bobby Knittel	(352) 303-3894	Service Technician Supervis
Altec	Bobby.knittle@altec.com	1-877-462-5832	
Altec	Daniel	(904) 404-6458 (229) 375-9696	Mobile Service Tech
Dickinson Fleet	Aaron	(321)872-4187	
First Coast Fab.	Chris Wolf	(904) 849-7426	Welding And Machine Work
Maudlin International Trucks	Jerry Green Steve Brozek	(904)509-0012 (904) 783-9822	Truck repairs and Parts Asst. Service Manager
Moeller	George Moeller	(904) 415-2094	Vehicle Repairs and Welding
Napa	Brett Davis (Manager)	(904) 261-4044	Parts and Tools
Power Pro-Tech	Jimmy Evans	(800) 437 4474	Generator Repairs
Ring Power	John Kilgore	(904) 237-9400	Mobile/Vehicle Repairs
Generator & HVAC Service	James Stamper **Onsite Emergency**	1-800-437-4474 321-274-8578 **888-218-0298** **678-566-2439**	**780 Amelia Island Pkwy**
Tiresoles	Pete Shannon Pat Demianenko	(904) 378-0090 Cell (904) 536-6460	Main Office Operations Manager

16. EMERGENCY ASSISTANCE LIST (NW DIVISION)

Company	Contact	Telephone	Available Resources
FPL	Tom Gwaltney	904-439-0112	Crews
West Florida Electric Coop	Bill Rimes	(850) 263-6518	Crews
FPU-Marianna	Rhondon Gray	(850)557-6490	Crews
Davey Tree	Russell Brooks	(352) 279-8622	Tree Crews
Davey Tree	Russell Brooks	(228) 396-5810	Tree Crews
City of Tallahassee	Robert McGarrah	(850) 891-5534	Crews
Talquin Electric Coop		(850) 627-7651	Crews
Gulf Electric Coop		(850) 877-6166	Crews
Public Service Commission	Robert Graves (EOC)	(850) 431- 7009 (850) 408-4757 cell	Primary Contact
Public Service Commission	Tom Ballinger	(850) 413-6680	Backup Contact
Pike Electric Inc.	Russell Youmans	(912) 816-7534	Crews
Florida Electric Power Coordination Group	R J Midulla	(813) 289-5644	Crews
Mastec	Shannon Barlow	(850) 445-8840	Crews
Southern Electric Corp.	Jim Carter	(229) 412-8714	
		(850) 638-7129 hor	
Harper Electric	Mark Harper	(334) 222-7022	
		(334) 222-7854	
		(334) 343-1703 ce	

Vehicle Repairs Assistance			
Company	**Contact**	**Telephone**	**Available Resources**
Altec Industries Inc		(205) 458-3850	Mechanical Repairs
Altec Industries Inc		(205) 458-3857	Mechanical Repairs
Altec Industries Inc		(205) 458-3889	Mechanical Repairs
Altec Industries Inc		(205) 458-3849	Mechanical Repairs
Altec Industries Inc		(205) 458-3848	Mechanical Repairs
Auto Clinic	Office	(904) 482-6632	Mechanical Repairs
Auto Clinic	Mike Krieser	(850) 569-8475	Mechanical Repairs
Auto Clinic		258-6274	Mechanical Repairs
Banning Garage	Dale Brannon	352-4613 shop	Wrecker
		(850)638-1899 cel	Wrecker
Ring Power		(850) 562-2121	Mobile/Mechanical Rep

18. EMERGENCY STOCK REQUIREMENTS (NE DIVISION)

See next 4 pages

Bin#	Description	Qty Required
EWC04S	WIRE,#4 CU SD SOLID POLY,TX RISER WIRE (SPOOL)	1000
EWC04	WIRE,#4 BARE SOL CU SD OH (SPOOL)	1000
EWA04S	WIRE,#4 AL OH SOFT TIE (SPOOL)	1000
EWB010	WIRE,1/0 BARE STD AL OH (AZUSA)	1000
EWB040	WIRE,4/0 BARE STD AL OH (ALLIANCE)	1000
EWB396	WIRE,396.4 BARE STD AL OH (CANTON)	1000
EWB477	WIRE,#477 BARE STD AL OH (COSMOS)	1000
EWB636	WIRE,#636 BARE STD AL OH (ORCHID)	1000
EWD02	WIRE,#2 AL DUPLEX OH (DOBERMAN/XLP)	1000
EWD06	WIRE,#6 AL DUPLEX OH (COIL)(SHEPPARD)	600
EWT010C	WIRE,1/0 TRIPLEX OH (COIL)(GAMMARUS)	1000
EWT010R	WIRE,1/0 TRIPLEX OH (REEL)(GAMMARUS)	1000
EWT040	WIRE,4/0 STD TRIPLEX AL OH (LAPAS)	500
EWQ01	WIRE,1/0 QUAD AL OH (SHETLAND)	200
EWG38	WIRE,GUY 3/8 BEZINAL COATED	1000
EWA02	WIRE,#2 AL URD 15KV	3000
EW040	WIRE,4/0 INS STD AL URD 15KV	6000
EW750	WIRE,750MCM AL URD 15 KV	3000
EW1000	WIRE, 1000KCM AL URD 15KV	1000
EFAS510	ANCHOR SCREW 5' X 10"	10
EFAS810	ANCHOR SCREW 8' X 10"	10
EARL9	ARRESTOR,LIGHTNING,SILICONE 9 KV	20
EARL69	ARRESTOR, LIGHTNING, PROTECTA*LITE,MCOV 69KV	20
EBRA	BRACKET MOUNT AL "SINGLE"	10
EBRA1	BRACKET MOUNT AL "T"	10
EBRF15	BRACKET, SINGLE INSUL,FIBERGLASS,HORIZ	20
EBRAHD	BRACKET,MOUNTING,AL HEAVY DUTY	10
ECGR63	CLAMP,GROUND ROD 5/8"	20
EFCGR63	COUPLING GROUND ROD 5/8, CU CLAD(NON-THREAD)	50
ECHTC7	COVER,H-TAP #C7	200
ECOSS	CUTOUT,SILICONE,SEACOAST	50
ECOF200	FUSEHOLDER,200A CUTOUT	20
ECOF100	FUSEHOLDER,100A CUTOUT	10
EGA336	GUARD,LINE 336.4 MCM AL OR ACSR	30

EGA477	GUARD,LINE 477 MCM AL OR ACSR	30
EGSQ	GUARD,SQUIRREL	10
EIS35	INSULATOR,UPRIGHT 35 KV SILICONE	30
EIH35	INSULATOR,HORIZ MOUNT 35KV SILICONE INT BASE	60
EISS25	INSULATOR,SUSPENSION SILICONE 25 KV	20
EIGB8	INSULATOR,GUY STRAIN 8 FT	10
EIGB8HD	INSULATOR,GUY STRAIN 8 FT 36000 LB	10
EMBRSP	MOUNT,TX,BRACKET, SINGLE PHASE	10
EMCL4	MOUNT,TX CLUSTER AL ABOVE 3-50KVA	4
EPW304	POLE,30 CL 4	15
EPW351	POLE,35 CL 1	10
EPW401	POLE,40 CL 1	20
EPW451	POLE,45 CL 1	20
EPW45H1	POLE,45 CL H1	3
EPW501	POLE,50 CL 1	3
EPW55H1	POLE,55 CLH1	1
EPW70H3	POLE,70 CLH3	5
ERG638	ROD-GROUND COPPER CLAD 5/8" X 8' NON-THRD	30
EESU	SWITCH,UNDERSLUNG	6
ECLDE	CLAMP,DEADEND,#6-#4 AL SERVICE WEDGE	20
ECLDE2	CLAMP,DEADEND,#2-1/0 AL SERVICE WEDGE	40
ECLDE4	CLAMP,DEADEND,4/0 AL SERVICE WEDGE	40
ECOHA	CONN,H-TYPE (WR9)	50
ECOHA	CONN,H-TYPE (WR159)	100
ECOHA	CONN,H-TYPE (WR189)	100
ECOHA	CONN,H-TYPE (WR259)	100
ECOHA	CONN,H-TYPE (WR379)	100
ECOHA	CONN,H-TYPE (WR399)	100
ECOHA	CONN,H-TYPE (WR419)	100
ECOHA	CONN,H-TYPE (NB500-40)	30
ECOHA	CONN,H-TYPE (NB500)	30
ECOVA4	CONN,VISE ACTION #4 CU	100
ECOVA2	CONN,VISE ACTION #2 SOL CU	100
ECOVA2	CONN,VISE ACTION -#2 STD CU	100
ECOVA10	CONNECT-VISE ACTION 1/0 STD CU	100
ECOVA40	CONN,VISE ACTION -4/0 STD CU	100
ECOFS4	CONN,URD FLOOD SEAL 4 POSITION	30
ECOOH6	CONN,TX,OH,6 POSITION	25

EDEC02	DEADEND,AUTOMATIC SS #2 STD CU	20
EDEC010	DEADEND,AUTOMATIC SS 1/0 STD CU	20
EDEC020	DEADEND,AUTOMATIC SS 2/0 STD CU	10
EDEC040	DEADEND,AUTOMATIC SS 4/0 STD CU	20
EDEC477	DEADEND,FULL TENSION,COMP477 AL W/2 HOLE LUG	15
EDEC636	DEADEND,FULL TENSION,COMPRESSION 636	15
ELUGT0202	LUG,TERM,URD 2/0 AL 2-HOLE	50
ELUGT0401	LUG,TERM,URD 4/0 AL 1-HOLE	50
ESLA8CU	SLEEVE,AUTO SPLICE -#6 SOL CU	20
ESLA6CU	SLEEVE,AUTO SPLICE -#4 SOL CU	20
ESLA4CU	SLEEVE,AUTO SPLICE -2 SOL CU	20
ESLA2CU	SLEEVE,AUTO SPLICE #2 STD CU	20
ESLA10CU	SLEEVE,AUTO SPLICE 1/0 CU	20
ESLA40CU	SLEEVE,AUTO SPLICE 4/0 STR CU	20
ESLS020	SLEEVE,SERVICE 2/0-2/0 AL/ACSR (IKL47)	100
ESLS040	SLEEVE,SERVICE 4/0-1/0 AL (IKL66)	100
ESLS040	SLEEVE,SERVICE 4/0-2/0 AL (IKL67)	100
ESLS040	SLEEVE,SERVICE 4/0-4/0 AL (IKL69)	100
ESLS350	SLEEVE,SERVICE 350-350 AL	50
ESLT2A	SLEEVE,FULL TENSION #2 STD AL	20
ESLTE10A	SLEEVE,SERVICE FULL TENSION 1/0 STD AL	20
ESLTE40	SLEEVE,PRIMARY FULL TENSION 4/0 AL	20
ESLTE396	SLEEVE,PRIMARY FULL TENSION 397.5(396.4)	20
ESLTE477	SLEEVE,PRIMARY FULL TENSION 477 AL	20
ESLTE636	SLEEVE,PRIMARY FULL TENSION 636 AAC	20
ESP2AL	SPLICE KIT,URD 15KV #2 STD AL	12
ESP40AL	SPLICE KIT,URD 15KV-4/0 AL	12
ESKC1000	SPLICE KIT, 500-1000	12
EPT02A	TERMINAL,PIN #2STD AL	50
EPT010A	TERMINAL,PIN 1/0 STD AL	50
EPT020A	TERMINAL,PIN 2/0 STD AL	50
EPT040A	TERMINAL,PIN 4/0 STD AL	50
EPT350A	TERMINAL,PIN 350 AL	10
EPT500A	TERMINAL,PIN 500 AL	10
EFULI007	FUSE LINK 7 AMP QA	75
EFULI015	FUSE LINK 15 AMP QA	50
EFULI025	FUSE LINK 25 AMP QA	50
EFULI030	FUSE LINK 30 AMP QA	75

EFULI050	FUSE LINK 50 AMP QA	75
EFULI075	FUSE LINK 75 AMP QA	25
EFULI100	FUSE LINK 100 AMP QA	25
EKTA2	KITS,TERM OH FOR #2 AL POTHEAD	20
EKTA250	KIT,TERM SILICONE FOR #2 AL -4/0 URD	10
EKTA40	KIT,TERM OH,SILICONE FOR 4/0 AL POTHEAD	20
ELBT2	ELBOW,LOAD BREAK TERMINATOR #2 W/TEST POINT	20
ELBT40	TERMINATOR,LOAD BREAK 4/0 W/TEST POINT	20
EVSPE	VAULT,SECONDARY,PEDESTAL	6
N/S	#2 Extended Repair Elbows	12
N/S	#2/0 Extended Repair Elbows	12
N/S	#4/0 Extended Repair Elbows	12
NS 35-1185	ATTACHMENT,DOWN GUY	20
NS 35-1186	ATTACHMENT,DOWN GUY (POLE PLATE) WOOD 35MLB	10
NS 35-1187	ATTACHMENT,DOWN GUY CONCRETE 35MLB	10
NS 35-1350	BOLT,DOUBLE ARMING,GALV 5/8 X 18	30
NS 35-1360	BOLT,DOUBLE ARMING,GALV 5/8 X 20	20
NS 35-1430	BOLT,DOUBLE ARMING,GALV 3/4 X 22	20
NS 35-1480	BOLT,DOUBLE UPSET,GALV 5/8 X 12	20
NS 35-1640	BOLT,MACHINE,GALV 5/8 X 10	100
NS 35-1650	BOLT,MACHINE,GALV 5/8 X 12	100
NS 35-1660	BOLT,MACHINE,GALV 5/8 X 14	100
NS 35-1800	BOLT,MACHINE,GALV 3/4 X 20	50
NS 35-1810	BOLT,MACHINE,GALV 3/4 X 22	50
NS 35-1820	BOLT,MACHINE,GALV 3/4 X 24	50
NS 35-1850	EYELET, 3/4" HOLE	50
NS 35-2245	CLAMP SUPPORT FOR #2,1/0,4/0 CU	50
NS 35-2255	CLAMP SUPPORT FOR #2,1/0,4/0 AL	50
NS 35-2265	CLAMP SUPPORT 394.6-477 AL	50
NS 35-2375	CLEVIS,SECONDARY EXTENSION	20
NS 35-2780	EYELET,THIMBLE ANGLE 5/8"	20
NS 35-2895	GUY GRIP,3/8", BEZINAL COATED (352895)	100
NS 35-3130	LAG SCREW - 1/2"X4" GALV.	150
NS 35-3290	NUT EYE,GALV 5/8	30
NS 35-3300	NUT EYE,GALV 3/4	30
NS 35-3320	NUT,THIMBLE EYE 5/8	20
NS 35-3881	STRAP,CONDUIT OR PIPE 2" STAINLESS STEEL	40
NS 35-3886	STRAP,CONDUIT OR PIPE 3" STAINLESS STEEL	40

NS 35-3970	**TAPE,SCOTCH #23-2**	**20**
NS 35-4020	**TAPE,VINYL**	**50**
NS 35-4030	**THIMBLE,GUY WIRE 3/8**	**200**
NS 35-4335	**WASHER,DOUBLE COIL 5/8"**	**200**
NS	**DEADEND, #4-4/0 MACHANICAL**	**50**
NS	**DEADEND, 4/0-600 MACHANICAL**	**50**
	Transformer, Pad Mount 100 KVA 120/240	**7**
	Transformer, Pad Mount 50 KVA 120/240	**7**
	Transformer, Pad Mount 75 KVA 120/240	**7**
	Transformer, Pad Mount 167 KVA 120/240	**2**
	Transformer, Pad Mount 150 KVA 120/208	**4**
	Transformer, Pad Mount 300 KVA 120/208	**3**
	Transformer, Pad Mount 500 KVA 120/208	**3**
	Transformer, Pad Mount 150 KVA 277/480	**3**
	Transformer, Pad Mount 300 KVA 277/480	**3**
	Transformer, Pad Mount 500 KVA 277/480	**3**

17. EMERGENCY STOCK REQUIREMENTS (NW DIVISION)

Bin #	Description	Quantity
EWA04	Wire, #4 ACSR Bare	25,000
EWB010	Wire, #1/0 ACSR Bare	6,000
EWT04	Wire, #4 AL Triplex	2,500
EWT010	Wire, #1/0 AL Triplex	10,000
EWT02	Wire, #2 AL Triplex	5,000
EWQ010	Wire, #1/0 AL Quad	1,000
EWQ040	Wire, #4/0 AL Quad	1,000
EWG38	Wire, 3/8 Guy	3,000
EARL76	Arrester, Lightning	100
ECLDS	Clevis Dead End	100
ECOF200	Cut-out, Fused, 100A	50
ECOL150	Cut-out, Load Break, 200 A	24
EESU600	600A, Single Phase Hookstick	6
EGA477	Line Guard, 477	100
EGA336	Line Guard, 336	50
EGA40	Line Guard, 4/0	50
EFGG38	Guy Grip, 3/8 Galv	200
EIP7500	Insulator, Pin Type, 7500 V	100

EIRR	Insulator -Rack Type (Spool)	100
EIDP654	Insulator Deadend Epox.	100
EIFR1200	Insulator, Fiberglass Rod 12”	25
EIFR6000	Insulator, Fiberglass Rod 5’	50
EPP24	Pole Top Pin	100
EBRF15	Pin, Fiberglass Horizontal	100
EPW304	Pole, 30’/4	50
EPW354	Pole, 35’/4	10
EPW401	Pole, 40’/1	30
EPW451	Pole, 45’/1	50
EPW501	Pole, 50’/1	10
EPW55H1	Pole, 55’/1	5
EPW602	Pole, 60’/1	5
ETS1000	Ties, #4 Side	100
ETS1000	Ties, #477 Side	50
ETW04	Ties, #4 Wrap lock	100
ETW336	Ties, #477 Wrap lock	100
ECLDE	Clamp, Dead-end #6-#2 Service	200
ECLDE2	Clamp, Dead-end #1/0 Service	100
ECOHA	Connector, H Type, WR-159 #1	1,000
ECOHA	Connector, H Type, WR-189 #2	1,000
ECOHA	Connector, H Type, WR-289 #3	200
ECOA	Connector, H Type, WR-279 #4	250
ECOA	Connector, H Type, WR-379 #5	250
ECOA	Connector, H Type, WR-419 #7	250
ECOA	Connector, H Type, WR-399 #6	250
ECOHA	Connector, H Type, WR-885 #525	100
ECOHA	Connector, H Type, WR-835	100
ECOVA6	Connector, Vise Action, #6 Cu	100
ECOVA4	Connector, Vise Action, #4 Cu	200
ECOVA2	Connector, Vise Action, #2 Cu	150
ESLA4AC	Sleeves, Auto Splice, #4 AL	500
ESLA10A	Sleeves, Auto Splice, #1/0 AL	50
ESLA30A	Sleeves, Auto Splice, #3/0 AL	25
ESLA40A	Sleeves, Auto Splice, #4/0 AL	50
ESLA336A	Sleeves, Auto Splice, 336 AL	100
ESLA477A	Sleeves, Auto Splice, 477 AL	150
ESLTRN	Sleeves, Triplex Neutral, #4 AL	100
ESLTRN	Sleeves, Triplex Neutral, #2 AL	100
ESLTRN	Sleeves, Triplex Neutral, #6 AL	100
ESLTRN	Sleeves, Triplex Neutral, 1/0 AL	100

ESPGUY	Splice, Guy	50
ESTHL24	Stirrup, #4	100
ECLHLS	Stirrup, Hot Line 2 Bolt	30
EFULI002	Fuse Link, 2 ½ Amp	150
EFULI004	Fuse Link, 4 Amp	100
EFULI007	Fuse Link, 7 Amp	100
EFULI010	Fuse Link, 10 Amp	150
EFULI015	Fuse Link, 15 Amp	100
EFULI020	Fuse Link, 20 Amp	150
EFULI025	Fuse Link, 25 Amp	100
EFULI030	Fuse Link, 30 Amp	25
EFULI040	Fuse Link, 40 Amp	25
EFULI050	Fuse Link, 50 Amp	25
EFULI065	Fuse Link, 65 Amp	25
EFULI080	Fuse Link, 80 Amp	25
EFULI100	Fuse Link, 100 Amp	25
	Transformer, 15 KVA 120/240	10
	Transformer, 15 KVA 277/480	3
	Transformer, 25 KVA 120/240	20
	Transformer, 25 KVA 277/480	3
	Transformer, 37.5 KVA 120/240	10
	Transformer, 37.5 KVA 277/480	3
	Transformer, 50 KVA 120/240	10
	Transformer, 50 KVA 277/480	3

20. CRITICAL CUSTOMER LIST (NE DIVISION)

A. Hospitals, Clinics, Nursing Homes

Name	Address	Telephone	Contact Person
Baptist Medical Center - Nassau	1700 East Lime St	321-3500 (main)	Wayne Arnold
Care Centers of Nassau	95146 Hendrix	261-5518 753-3575 Home	Patrick Kennedy
Quality Health	1625 Lime St	261-0771 225-2351 (Answer service)	Steve Jordan
DaVita (Dialysis)	1525 Lime St, Ste 120	491-1998	Jackie Pelfrey
Nassau County Health Dept	30 South 4th St.	548-1860 or 548-1800	
Savannah Grand Home 321-3478	1900 Amelia Trace Ct.	321-0898 Cell 206-2774	Renee Stoffel
Osprey Village	76 Osprey Village Dr.	277-3337 x11 Cell 753-2435	Dana Sargent
Jane Adams House	1550 Nectarine St	261-9494 Cell 583-3526	Jeanette Adams

B. Public Utilities & Major Resorts

Name	Address	Telephone	Contact Person
Fernandina Wastewater/Water	1007 South 5th St	904-277-7380 Ext. 224 753-1412 (cell)	John Mandrick
Nassau Utilities	5390 First Coast Hwy	904-530-6450 904-753-2989 904-261-9452 After Hours	Danny White
JEA Dispatch		904-665-7152	
Florida Power and Light		305-442-5739	Dispatch Number
Comcast		904-374-7600	
ATT	1910 S. 8th St	904-727-1544 904-403-1894 904-407-2569 904-238-8263 (cell)	Marvin Fisher Scott Miller
AIP – Security		904-277-5914 904-616-0126 (cell)	Greg Foster
Ritz Carlton		904-277-1100 904-349-6759 (cell)	Paul Hurst

C. Major Disaster Shelters &Hotels

Name	Address	Telephone	Contact Person
Yulee Elementary	86083 Felmore Rd.	904-225-5192	
Yulee High School	85375 Miner Rd.	904-225-8641	
Yulee Middle School	85439 Miner Rd.	904-491-7944	
Yulee Primary	Goodbread Road	904-491-7945	
Hilliard Schools			
Callahan Schools			
Bryceville Elementary School			

See last page of this document for a storm shelter map.

Nassau Holiday	Hwy 17, Yulee	904-225-2397
Amelia Hotel	1997 So. Fletcher Ave	904-261-5735
Amelia South Condo's	3350 So. Fletcher Ave	904-261-7991
Beachside Motel	3172 So. Fletcher Ave	904-261-4236
Elizabeth Pointe Lodge	98 So. Fletcher Ave.	904-277-4851
Days Inn	2707 Sadler Road	904-277-2300
Hampton Inn	2549 Sadler Road	904-321-1111
Residence Inn	2301 Sadler Road	904-277-2440
Holiday Inn	76071 Sidney Place	904-849-0200
Hampton Inn (downtown)	19 South 2nd St	904-491-4911

Comfort Suites	2801 Atlantic Ave.	904-261-0193
Courtyard Amelia Island	2700-A Atlantic Ave.	904-261-1919
Holiday Inn Express – Amelia Island	960108 Gateway Blvd	888-465-4329

D. Municipal and State Emergency Services

Name	Address	Telephone	Contact Person
Florida Highway Patrol	Jacksonville	904-695-4115	Keith Gaston
American Red Cross	NE Chapter	904-358-8091	
Fernandina Police Dept.	Lime St.	904-277-7342	Dispatcher
Dept. of Transportation	Jacksonville	904-360-5400	
HAZ MAT – Chemtrec (free hotline)		800-424-9300	
Chlorine Institute		1-703-741-5760	

E. Communication and Broadcasting Services

Name	Address	Telephone	Contact Person
WOKV Radio		904-245-8866	
	Cell	904-718-7503	
WQIK Radio		904-636-0507	
WAPE Radio		245-8500/01	

F. Major Food Storage/Processing Facilities

Name	Address	Telephone	Contact Person
Publix Super Market	1421 So. 14th St	904-277-4911	
Winn Dixie Stores	1722 So. 8th St	904-277-2539	
Hedges Meat Shoppe	Hwy 17 South	904-225-9709	
Winn Dixie (Yulee)	22 Lofton Sq	904-261-6100	
Harris Teeter	4800 1st Coast Hwy	904-491-1213	
Super Wal Mart	SR 200	904-261-9410	

G. Correction Facilities

Name	Address	Telephone	Contact Person
Nassau House	1781 Lisa Ave.	904-277-4244	

H. Airports

Name	Address	Telephone	Contact Person
City of Fernandina Beach	F.B. Airport	904-310-3436	Nathan Coyle

G. News Media

Name	Address	Telephone	Contact Person
Fernandina News Leader		904-261-3696	Fax 904-261-3698

21. Emergency Telephone List

A. **Telephone Repair**

AT & T	(904) 403-1894	Marvin Fisher
	(904) 238-8263	Scott Miller
Comcast (Cabling & repair)	(904) 626-2400 cell	(Day) Mike Jackson
	855-962-8525	(After hours)

B. **Cell Phones**

IT	(302) 363-7112	Ed Rees

C. **Jacksonville Electric Authority** 800-683-5542

Dispatcher	(904) 665-4806	
Dispatcher Supervisor	(904) 887-1811	Matt Seeley
Storm Coordinator	(904) 665-7145	Garry Baker
	(904) 665-7110	Ricky Erixton
SOC (System Operation Center)	(904) 665-4806	
SWITCHING ACTIVITY (all)	(904) 277-1478	TURBINE OPERATOR

D. **Emergency Management**

Nassau County	(904)548-0900	Tim Cooper

E. **Law Enforcement - 911**

Nassau County	904-225-0331	Sheriff – Bill Leeper
F.B. City	904-277-7342	City Police Chief – Mark Foxworth

F. **Ambulance - 911**

G. **News Media**

WJWB-Channel 17 Jacksonville	904-641-1700	Fax 904-642-7201
WJXT-Channel 4 Jacksonville	904-399-4000	Fax 904-393-9822
WTLV-Channel 12 Jacksonville	904-633-8808	Fax 904-633-8899
WTEV-Channel 47 Jacksonville	904-564-1599	Fax 904-642-5665

H. **Nassau County Officials**

Tim Cooper	904-548-0900	Nassau County EOC Director
Taco Pope - County Manager	904-530-6010	Nassau County
Nassau County Office	904-530-6010	
Aaron Bell		County Commissioner
Thomas Ford		County Commissioner
John F. Martin		County Commissioner
Jeff Gray		Vice-Chairman
Klynt A. Farmer		County Commissioner

I. **Fernandina Beach Officials**

Mike Lednovich – City Mayor	(W) 904-502-0650	
Dale Martin - City Manager	(W) 904-277-7305 or 904-310-3100	
Ty Silcox - City Fire Chief	(W) 904-277-7331	
Mark Foxworth - City Police Chief	(W) 904-277-7344	
Bradley Bean	904-415-5181	City Commissioner
David Sturges	904-753-2445	City Commissioner
Ronald Ross	410-394-0220	City Commissioner
Len Kreger	904-432-8389	Vice Mayor

Generator Repair

See Emergency Assistance List Section 17.

FPUC NE Substations

Stepdown	904-277-1974
JL Terry	904-277-1973
AIP	904-277-1975

Florida Power & Light

Northern Area Dispatch	305-442-5739
Tom Gwaltney	954-439-0112 Cell

22. LOGISTICS

Motels:

Amelia Hotel	904-261-5735	1997 South Fletcher Ave,
Nassau Holiday Motel	904-225-2397	U.S. 17 South
Amelia South Condo.	904-261-7991	3350 So. Fletcher Ave.
Elizabeth Point Lodge	904-277-4851	98 So. Fletcher Ave.
Days Inn	904-277-2300	2707 Sadler Road
Hampton Inn	904-321-1111	2630 Sadler Road
Hampton Inn Downtown	904-491-4911	19 South 2nd Street
Comfort Inn	904-261-0193	2801 Atlantic Ave.
Country Inn	904-225-5855	462577 SR 200
Residence Inn	904-277-2440	2301 Sadler
Courtyard Amelia Island	904-261-1919	2700-A Atlantic Ave.

Restaurants:

Baxter's	904-277-4503	4919 1st Coast Hwy
Beach Diner	904-310-3748	2006 South 8th Street
Florida House	904-491-3322	22 South 3rd Street
Chili's	904-225-8666	SR 200

Food Stores:

Harris Teeter's	904-491-1213
Publix	904-277-4911
Winn Dixie	904-277-2539
Winn Dixie (Yulee)	904-261-6100
Super Walmart	904-261-9410

Cellular Phones:

Verizon	call BIS

Water Supply:

City of Fernandina Water	
Nantze Springs Water Co.	800-239-7873
Wal-Mart	904-261-5306 (Island) or 904-261-9410 (Yulee)

Ice Supply:

Winn Dixie	904-277-2539
Publix	904-277-4911

Service Stations:

Flash Foods Store's	904-261-6563

Vehicle Repair Facilities:

Continental Auto Truck	904-797-2665 (24/7)
Altec Industries Inc	(561) 686-8550 West Palm Beach

Rental Equipment

United Rental	(904)404-7471

***EMERGENCY FUEL**

24HRS. DONALD CUTCHINS **STORM/FUEL SHORTAGE**

(H) 352-2906 ©573-1505 **(w) 482-7003 © 643-8925**
Suncoast Resources **Susan Tyler** **(713) 429-6732**

19. CRITICAL CUSTOMER LIST (NW DIVISION)

A. Hospitals, Clinics, Nursing Homes

Name	Address	Telephone	Contact Person
Jackson	800 Hospital Dr.	850-526-2200	James Platt
Marianna Convalescent Ctr.	805 5th Ave.	850-482-8091	Melinda Gray
The Nursing Pavilion	710 3rd Ave.	850-526-3191	Richard Pitman
Chipola Quick Care	4984 Highway 71	850-526-6700	

B. Public Utilities

Name	Address	Telephone	Contact Person
Marianna Waste Water	2832 Davey St.	850-482-4353	William Long
Sunland Waster Water T.P.	3693 Industrial Park	"	"
Park St. Pump Station	2988 Park St.	"	"
Davis Field Pump Station	4457 South St.	"	"
Sheffield Pump Station	3325 Old	"	"
Marianna Well #5	Clinton & Noland St.	"	"
Marianna Well #6	Ninth Av. & Third St.	"	"
Marianna Well #1	Hwy 90 W/ Pool	"	"
Marianna Public Work	4168 South St.	"	"
Marianna Gas Department		"	"

C. Major Disaster Shelters/Motels

Name	Address	Telephone	Contact Person
Best Western	2086 Hwy 71	850-526-5666	
Comfort Inn	2175 Hwy 71	850-526-5600	
Executive Inn	4113 Lafayette	850-526-3710	
Best-Value Inn	4168 Lafayette	850-482-4973	
Chipola Jr. College	3094 College Dr.	850-526-2761	
Cottondale High School	2680 Levy St	850-482-9821	Larry Moore
Malone High School	5361 North St	850-482-9950	Larry Moore
Marianna	Caverns Rd.	850-482-9605	Larry Moore
Marianna Middle School	4144 South St.	850-482-9605	Larry Moore
Riverside Elementary	2958 Cherokee St.	850-482-9611	Larry Moore
Golson Elementary	4258 Second Av.	850-482-9607	Larry Moore
Microtel	4959 Whitetail Dr.	850-526-5005	Harkins
Hampton Inn	2185 Hwy 71	850-526-1006	D Thompson
Budget Inn		850-482-2700	
Fairfield Inn	4966 Whitetail Dr.	850-482-2578	
Ramada Limited	4655 E. Hwy 90	850-526-3251	
Comfort Inn	2214 Hwy 71	850-482-7112	
Marianna Inn	2222 Hwy 71	850-526-2900	

D. Municipal and State Emergency Services

Name	Address	Telephone	Contact Person
Florida Highway Patrol	3613 Hwy 90	850-482-9512	Lt. Moore
Jackson Co. Sheriff Dept.	4012 Lafayette St	850-482-9624	L. Roberts
Cottondale Police Dept.	2659 Front St.	850-352-4361	Watford
Marianna Police Dept.	2890 Green St.	850-526-3125	H. Bagett
Jackson Co. Fire & Rescue	Industrial Park Dr.	850-482-9669	R Brown R Brown
Alford Fire Dept.	1768 Georgia St	850-638-8657	B Yongue
Cottondale Fire Dept.	2669 Front St.	911	
Malone Fire Dept.	5187 Ninth Ave.	911	M Padget
Marianna Fire Dept.	4425 Clinton St.	850-482-2414	N. Lovett
Emergency Management		850-482-9683	Andreason
Emergency Management		850-573-1058	Andreason

E. Communication and Broadcasting Services

Name	Address	Telephone	Contact Person
WTOT/WJAQ Radio	4376 Lafayette St	850-482-3046	Betty Demmon
Jackson Floridan	4403 Constitution Ln	850-526-3614	V. Roberts
WMBB	Panama City	850-769-2313	M. McAfee
Jackson County Times	2866 Madison St.	850-526-1501	

F. Major Food Storage/Processing Facilities

Name	Address	Telephone	Contact Person
Malone IGA	5417 10th St.		
Grocery Outlet	Lafayette St.	850-526-5528	D. Pendergrass
Winn Dixie		850-482-5303	Russ
Walmart Superstore	Highway 71	850-526-5744	M. Gilmore

G. Correction Facilities

Name	Address	Telephone	Contact Person
Marianna Work Camp		850-482-9561	
Federal Correctional (FCI)	3625 FCI Rd	850-526-2313	L. Gross

H. Airports

Name	Address	Telephone	Contact Person
Chipola Aviation Inc.	3633 Industrial Park Dr	850-482-8480	
Panhandle Aviation	Greenwood	850-594-3224	
Marianna / Ind. Park	Industrial Park Dr.	850-482-2281	

EMERGENCY FUEL

24HRS. DONALD CUTCHINS **STORM/FUEL SHORTAGE**
(H) 352-2906 ©573-1505 **(w) 482-7003 © 643-8925**
Suncoast Resources **Susan Tyler** **(713) 429-6732**

20. EMERGENCY TELEPHONE LISTING (NW DIVISION)

A.	Telephone Repair	
	Century Link (Wilton Crawford)	850-526-3481 or (611)
B.	Telephone Repair	
	Verizon (Jerry Fox)	850-867-9633
C.	FPL	
	Tom Gwaltney	954-439-0112
D.	Emergency Management	
	Jackson County (Rodney Andreason)	850-482-9633
	" " "	850-536-4500
	Calhoun County (Don O'Bryan)	850-674-8075/5161
	Liberty County (Jerry Butler)	850-643-3477
	State Office (Tom Ballinger)	850-413-6680
E.	Law Enforcement - 911	
	Jackson County	850-482-9624 / 850-482-9648
	Calhoun County	850-674-5049/4275
	Liberty County	850-643-2235
	Marianna	850-526-3125
	Greenwood	850-482-9648
	Malone	850-482-9648
	Cottondale	850-352-4361
	Alford	850-482-9648
	Altha	850-762-3900
	Bristol	850-643-2235
	Blountstown	850-674-5987
	Bascom	850-482-9648
	Florida Highway Patrol	850-482-9512
F.	Ambulance - 911	
	Jackson County	850-482-9669 / 850-482-9668
	Calhoun County	850-674-5411
	Liberty County	850-643-2235
G.	News Media	
	WTOT/WJAQ (Don Moore)	850-482-3046
	Jackson County Floridan	850-526-3614
	WTVY-Channel 4 TV/Dothan	334-792-3195
	WJHG-Channel 7 TV/Panama City	850-234-2125 / 850-526-5727
	WMBB-Channel 13 TV/Panama City	850-763-6000 / 850-482-8007

H. City/County Officials

Jackson County	850-482-9633
Calhoun County	850-674-4545
Liberty County	850-643-5404
Alford	850-579-4684
Bascom	850-569-2007
Cottondale	850-352-4361
Greenwood	850-594-1216
Malone	850-569-2308
Marianna	850-482-4353
Altha	850-762-3280
Bristol	850-643-2261
Blountstown	850-674-5488

21. LOGISTICS

Motels:

America's Best Value Inn	850-526-5666
Comfort Inn	850-482-7112
Microtel	850-526-5005
Executive Inn	850-526-3710
Days Inn	850-526-1006
Holiday Inn Express	850-526-2900
Ramada Limited	850-526-3251
Best Value Inn	850-482-4973
Fairfield Inn & Suites	850-482-0012

Air Mattress/Cots:

Loftin's Rental Center	850-526-4680
North Florida Rentals	850-526-7368

Laundry & Linen Services/Supplies:

UniMac Express Laundry	850-482-6504
Nifty Cleaners	850-482-2825

First Aid Supplies:

Waco Kelson Drugs	850-526-2839
Paramore's	850-482-3924
Watson's	850-482-4035

Restaurants:

Captain D's	850-482-6230
Beef O Bradys	850-482-0002
Fortune Cookie	850-526-3735
Jim's Buffet & Grill	850-526-2366
Hungry Howies	850-526-7878
Dairy Queen	850-482-1055
Sonny's Barbecue	850-526-7274
Ruby Tuesday	850-526-7100
Waffle Iron	850-526-5055
Zaxby's	850-633-4545
The Oaks	850-526-1114
Hungry Howies	850-526-7878
Ruby Tuesday	850-526-7100
Waffle Iron	850-526-5055
Zaxby's	850-633-4545
Firehouse Subs	850-482-5883
San Marcos	850-482-0062
Pizza Hut	850-482-5900
Gazebo Rest.	850-526-1276

Food Stores:

Grocery Outlet	850-526-5528
Walmart Superstore	850-526-5744
Malone IGA	850-569-2635
Winn Dixie	850-482-5303

Catering:

Sweet Stuff Bakery	850-526-2250

Cellular Phones:

Verizon	850-526-7701

Water Supply:
Nantze Springs Water Co. 800-239-7873

Ice Supply:
Winn Dixie 850-482-5303

Service Stations:

Big Little Store	850-526-5743
Cottondale Texaco	850-352-2804
Marianna Texaco	850-482-6105
Hartsfield Mini-Mart	850-482-4545
K & M Expressway	850-526-5575
McCoy's Chevron	850-526-2921
Marianna Chevron	850-526-2183
Marianna Truck Stop	850-526-3303
Mike's Texaco, Malone	850-569-2401
Nugget Oil	850-482-8585
Sangaree BP	850-482-5241
Murphy USA	850-482-6149
Stoney's	850-482-2028
Tom Thumb	850-482-4842

Vehicle Repair Facilities:

Baker Equipment	800-765-4908
Altec Industries Inc	205-323-8751
Thompson Tractor Co	850-526-2241
Beall Tire Co	800-891-8260
Auto Clinic	850-482-6632

Flashlights (20 w/batteries):
Quantity on hand
Mayer Electric (Additional) 800-216-6712

Portable AM/FM Radios w/batteries:
Walmart 850-526-5744

***EMERGENCY FUEL**

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23. SERVICE PLAN TO SUPPLY POWER TO FPU OFFICES

During an emergency it is imperative that power be restored to the office/complexes located at 780 Amelia Island Parkway as soon as possible. Also, of the utmost importance is to ensure the feeder to the building is always maintained in optimum working order.

The Operations Center at 780 Amelia Island Pkwy is served from an underground feeder #312 from Stepdown Substation. If power is lost, a natural gas-powered total building generator will provide backup service until the problem is resolved.

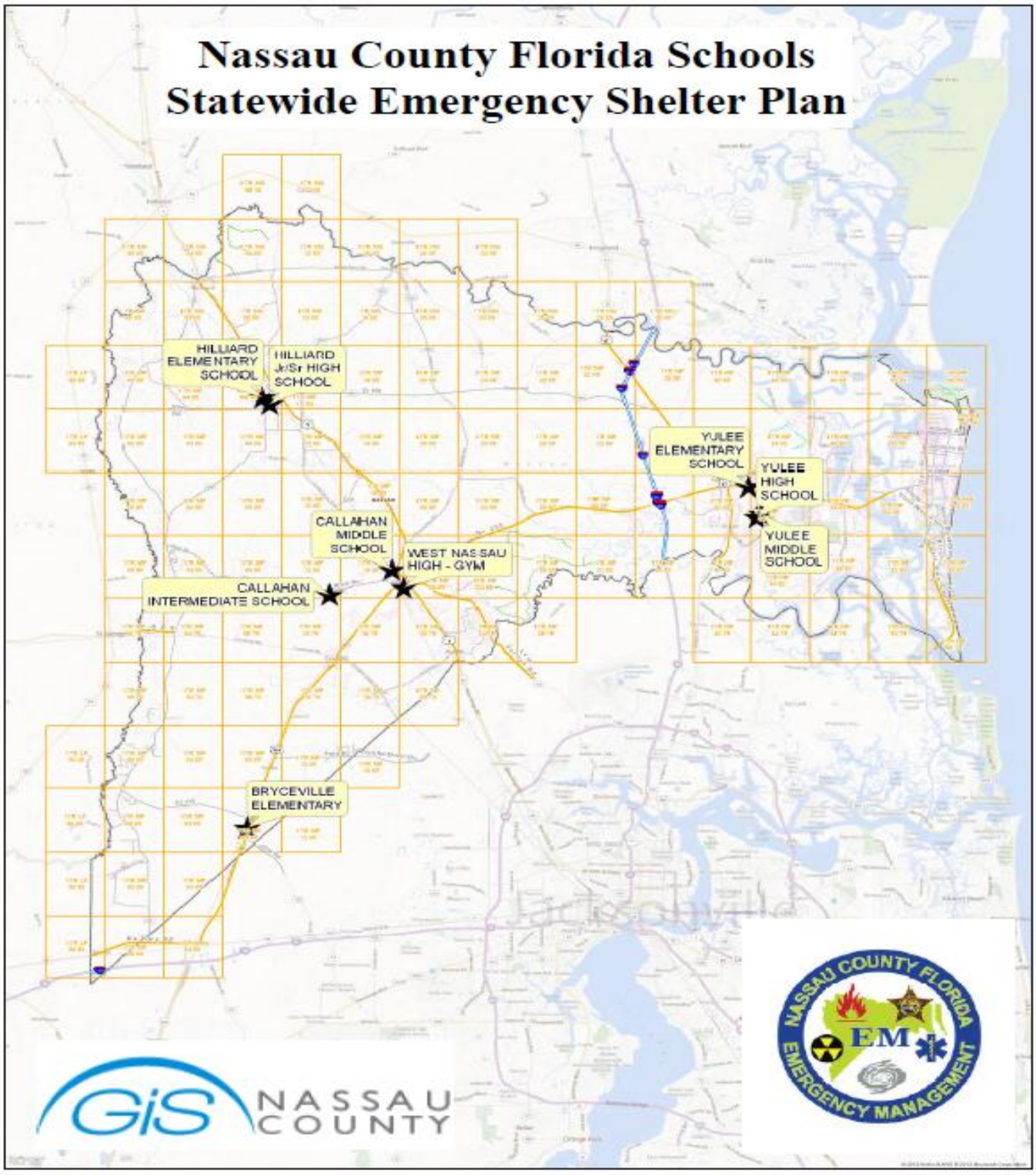
24. POST-STORM DATA COLLECTION AND FORENSIC ANALYSIS

FPUC will employ contractors to perform both the post-storm data collection and forensics analysis should a significant storm occur. The contractors will be provided with system mapping information and requested to collect post-storm damage information on areas as defined by the company. The areas will be selected to survey the areas where the most damage occurs to gain the most information.

Damage will be identified so that the cause of the outage is identified as it relates to trees, wind, debris, conductor failure, pole failure, etc. which will be identified on the map. Depending upon the degree of damage, forensic analysis may be collected during this process. However, if the damage is extensive the forensics analysis will be performed as soon as possible after the post-storm data collection is completed.

Data collected during the collection process will be analyzed after completion of all storm-related work. This analysis summarizes the type of damage and failure modes of outages to determine methods to improve reliability in the future.

Nassau County Florida Schools
Statewide Emergency Shelter Plan



★ Nassau County Schools

0 7.5 Kilometers

0 Miles 10

Scale - 1:131,474

US National Grid
100,000-m Square ID
LQ | MQ
LP | MP

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

Mag. Declination
5° 41' 24"W
Changing by
4' W per yr
Date 2009

To Convert a
Magnetic Azimuth
to a Grid Azimuth
SUBTRACT G-M Angle

GN

Diagram
Not to Scale

G-M Angle
5° 41' 12"
Grid Convergency
1° 16' 48"

To Convert a
Grid Azimuth
to a Magnetic Azimuth
ADD G-M Angle

EOC STORM SHELTERS (Northwest)

Jackson County
Marianna High School
3546 Caverns Road
(850) 482-9605

Liberty County
Liberty County High School
12852 CO RD.12 Bristol, FL
(850) 643-2241

Calhoun County
Altha High School
25829 Fuqua Cir.
(850) 762-3121

Blountstown High School
18597 NE SR69
(850) 674-5724