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Docket No. 20200092-EI Comprehensive Exhibit List for Entry into Hearing Record October 6, 2020					
EXH #	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
STAFF					
1		Exhibit List	Comprehensive Exhibit List		
FLORIDA POWER & LIGHT COMPANY – (DIRECT)					
2	Michael Jarro	MJ-1	FPL's 2020-2029 Storm Protection Plan.		
3	Michael Jarro	MJ-2	Storm Protection Plan Work Projected to be Completed in 2021.		
4	Liz Fuentes	LF-1 (FPL)	Determination of Cost Recovery through the SPPCRC.		
5	Liz Fuentes	LF-2 (FPL)	2021 SPPCRC Capital Costs.		
6	Liz Fuentes	LF-3 (FPL)	Forecasted 2021 Weighted Average Cost of Capital.		
7	Renae B. Deaton Michael Jarro Liz Fuentes	RBD-1 (FPL)	SPPCRC Initial Projection. Projected Period: January through December 2021, as corrected by errata submitted on August 14, 2020, correcting inadvertent errors on Forms 4P and 5P to Appendix I of Exhibit RBD-1, and Attachment A to 2021 SPPCRC filing (DN. 04434-2020).		

Docket No. 20200092-EI Comprehensive Exhibit List for Entry into Hearing Record October 6, 2020					
EXH #	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
GULF POWER COMPANY – (DIRECT)					
8	Michael Spoor	MS-1	Storm Protection Plan 2020-2029.		
9	Michael Spoor	MS-2	Storm Protection Plan Work Projected to be Completed in 2021, as corrected by errata submitted on August 14, 2020 correcting inadvertent errors on Exhibit MS-2 and Form 6P to Appendix I of Exhibit RBD-1 (DN. 04433-2020).		
10	Liz Fuentes	LF-1 (GULF)	Determination of Cost Recovery through the SPPCRC.		
11	Liz Fuentes	LF-2 (GULF)	2021 SPPCRC Capital Costs.		
12	Liz Fuentes	LF-3 (GULF)	Forecasted 2021 Weighted Average Cost of Capital.		
13	Renae B. Deaton Michael Spoor Liz Fuentes	RBD-1 (GULF)	Appendix 1 – 2021 SPPCRC Projections, as corrected by errata submitted on August 14, 2020, correcting inadvertent errors on Forms 4P and 5P to Appendix I of Exhibit RBD-1 (DN. 04433-2020).		
TAMPA ELECTRIC COMPANY – (DIRECT)					
14	Mark R. Roche	MRR-1	2021 Billing Determinants and Allocation Factors January 2021 through December 2021 Projected and supporting schedules.		

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EXH #	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
15	David L. Plusquellic	DLP-1	TECO'S Storm Protection Plan Programs, Common Storm Projection Plan Activities, and Summary of Costs 2020-2021.		
16	A. Sloan Lewis	ASL-1	Tampa Electric's 2020-2021 SPP Total Revenue Requirements by Program.		
17	A. Sloan Lewis	ASL-2	Final Order Approving Tampa Electric's 2020 Settlement Agreement.		
18	William R. Ashburn	WRA-1	Revenue Allocations and Rate Design Methodologies Used to Develop the Allocation and Impact on SPPCRC Factors.		
STAFF HEARING EXHIBITS					
19			Joint Motion Of The Office Of Public Counsel, Florida Power & Light Company, Gulf Power Company, Walmart Inc. For Expedited Approval Of A Stipulation and Settlement Agreement. (With Stipulation and Settlement Agreement as Attachment A) Filed: August 27, 2020 Document No. 05190-2020 *[Bates No. 00001-00024]*		

Exhibit MJ-1

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 2
PARTY: FLORIDA POWER & LIGHT COMPANY – (DIRECT)
DESCRIPTION: Michael Jarro MJ-1

Florida Power & Light Company

Storm Protection Plan

2020-2029

(Rule 25-6.030, F.A.C.)

Docket No. 20200071-EI

April 10, 2020

TABLE OF CONTENTS

I. Executive Summary 1

II. The 2020-2029 SPP will Strengthen FPL's Infrastructure to Withstand Extreme Weather Conditions and will Reduce Restoration Costs and Outage Times 3

III. Description of Service Area and T&D Facilities 6

IV. 2020-2029 SPP Programs 7

A. Pole Inspections – Distribution Program 7

1. Description of the Program and Benefits 7
2. Actual/Estimated Start and Completion Dates 10
3. Cost Estimates 10
4. Comparison of Costs and Benefits 11
5. Criteria used to Select and Prioritize the Program 11

B. Structures/Other Equipment Inspections – Transmission Program 12

1. Description of the Program and Benefits 12
2. Actual/Estimated Start and Completion Dates 14
3. Cost Estimates 14
4. Comparison of Costs and Benefits 15
5. Criteria used to Select and Prioritize the Program 15

C. Feeder Hardening (EWL) – Distribution Program 16

1. Description of the Program and Benefits 16
2. Actual/Estimated Start and Completion Dates 20
3. Cost Estimates 21
4. Comparison of Costs and Benefits 21
5. Criteria used to Select and Prioritize the Program 21

D. Lateral Hardening (Undergrounding) – Distribution Program 22

1. Description of the Program and Benefits 22
2. Actual/Estimated Start and Completion Dates 25
3. Cost Estimates 25
4. Comparison of Costs and Benefits 25
5. Criteria used to Select and Prioritize the Program 26

E. Wood Structures Hardening (Replacing) – Transmission Program 26
1. Description of the Program and Benefits 26
2. Actual/Estimated Start and Completion Dates 28
3. Cost Estimates 28
4. Comparison of Costs and Benefits 29
5. Criteria used to Select and Prioritize the Program 29
F. Substation Storm Surge/Flood Mitigation Program 30
1. Description of the Program and Benefits 30
2. Actual/Estimated Start and Completion Dates 31
3. Cost Estimates 31
4. Comparison of Costs and Benefits 31
5. Criteria used to Select and Prioritize Projects 32
G. Vegetation Management – Distribution Program 32
1. Description of the Program and Benefits 32
2. Actual/Estimated Start and Completion Dates 35
3. Cost Estimates 35
4. Comparison of Costs and Benefits 36
5. Criteria Used to Select and Prioritize the Program 36
H. Vegetation Management – Transmission Program 37
1. Description of the Program and Benefits 37
2. Actual/Estimated Start and Completion Dates 39
3. Cost Estimates 39
4. Comparison of Costs and Benefits 40
5. Criteria used to Select and Prioritize the Programs 40
V. Detailed Information on the First Three Years of the SPP (2020-2022) 41
A. Detailed Description for the First Year of the SPP (2020) 41
B. Detailed Description of the Second and Third Years of the SPP (2021-2022) 41
C. Detailed Description of the Vegetation Management Activities for the First Three Years of the SPP (2020-2022) 41
VI. Estimate of Annual Jurisdictional Revenue Requirements for the 2020-2029 SPP 42

VII. Estimated Rate Impacts for First Three Years of the SPP (2020-2022) 43

VIII. Conclusion 44

Appendices:

Appendix A – FPL's Third Supplemental Response to Staff's First Data Request No. 29 ("Third Supplemental Amended") in Docket No. 20170215-EI

Appendix B – FPL Management Areas and Customers Served

Appendix C – FPL 2020-2029 SPP Estimated Annual Costs and Estimated Number and Costs of Projects

Appendix D – FPL Distribution Design Guidelines

Appendix E – Project Level Detail for First Year of the SPP (2020)

Florida Power & Light Company
2020-2029 Storm Protection Plan

I. Executive Summary

Pursuant to Section 366.96, Florida Statutes ("F.S."), and Rule 25-6.030, Florida Administrative Code ("F.A.C."), Florida Power & Light Company ("FPL") submits its Storm Protection Plan for the ten (10) year period 2020-2029 (hereinafter, the "SPP"). As explained herein, the SPP is largely a continuation of FPL's successful storm hardening and storm preparedness programs previously approved by the Florida Public Service Commission ("Commission") over the last fourteen years. FPL anticipates the programs included in the SPP will have zero bill impacts on customer bills during the first year of the SPP and only minimal bill increases for years two and three of the SPP.[1]

Since 2006, FPL has been implementing Commission-approved programs to strengthen its transmission and distribution ("T&D") infrastructure. These programs include multiple storm hardening and storm preparedness programs, such as feeder hardening, replacing wood transmission structures, vegetation management, and pole inspections. As demonstrated by recent storm events, these ongoing storm hardening and storm preparedness programs have resulted in FPL's T&D electrical grid becoming more storm resilient, experiencing less infrastructure damage and reduced restoration times, as compared to non-hardened facilities. These programs have also provided significant improvements in day-to-day reliability.

The success of FPL's storm hardening and storm preparedness programs has been achieved through the development and implementation of FPL's forward-looking storm hardening, grid modernization, and reliability initiatives and investments, combined with the use of cutting-edge technology and strong employee commitment. Under the SPP, FPL remains committed to continue these successful and industry-leading programs to

[1] The recovery of the costs associated with the SPP, as well as the actual and projected costs to be included in FPL's Storm Protection Plan Cost Recovery Clause, will be addressed in a subsequent and separate Storm Protection Plan Cost Recovery Clause docket pursuant to Rule 25-6.031, F.A.C.

further strengthen its T&D infrastructure, mitigate restoration costs and outage times, continue to provide safe and reliable electric service to customers, and meet future increasing needs and expectations.

As stated previously, FPL's SPP is, in large part, a continuation and expansion of its previously approved storm hardening and storm preparedness programs, and includes the following SPP programs:

- Pole Inspections – Distribution Program
- Structures/Other Equipment Inspections – Transmission Program
- Feeder Hardening (EWL) – Distribution Program
- Lateral Hardening (Undergrounding) – Distribution Program
- Wood Structures Hardening (Replacing) – Transmission Program
- Vegetation Management – Distribution Program
- Vegetation Management – Transmission Program

In addition, FPL will implement a new Substation Storm Surge/Flood Mitigation Program to harden certain targeted substations that, based on prior experience, are susceptible to storm surge or flooding during extreme weather events.

With the exception of the new storm surge/flood mitigation program, the majority of the programs included in the SPP have been in place since 2007. As demonstrated by recent storm events, these programs have been successful in reducing restoration costs and outage times following major storms, as well as improving day-to-day reliability. FPL submits that continuing these previously approved storm hardening and storm preparedness programs in the SPP, together with the new storm surge/flood mitigation substation program, is appropriate and necessary to address the mandates set forth in Section 366.96, F.S., and Rule 25-6.030, F.A.C., as well as the expectations of FPL's customers and other stakeholders for increased storm resiliency and will result in fewer

outages, reduced restoration costs, and prompt service restoration.[2] The SPP will continue and expand the benefits of hardening, including improved day-to-day reliability, to all customers throughout FPL's system.

The following sections provide information and details on FPL's SPP as required by and in compliance with Rule 25-6.030, F.A.C. For the reasons explained below, FPL submits that implementing the SPP is necessary and appropriate to achieve the goals and requirements expressed by the Florida Legislature in Section 366.96, F.S., to reduce restoration costs and outage times associated with extreme weather events and improve overall service reliability to customers and the State of Florida by promoting the overhead hardening of electrical transmission and distribution facilities, the undergrounding of certain electrical distribution lines, and vegetation management.

II. The 2020-2029 SPP will Strengthen FPL's Infrastructure to Withstand Extreme Weather Conditions and will Reduce Restoration Costs and Outage Times

Pursuant to Rule 25-6.030(3)(a), F.A.C., this section provides an overview of how the SPP will strengthen FPL's electric utility infrastructure to withstand extreme weather conditions by promoting the overhead hardening of electrical transmission and distribution facilities, the undergrounding of certain electrical distribution lines, and vegetation management. Consistent with Rule 25-6.030(3)(b), F.A.C., this section also provides a summary of how the SPP is expected to further reduce restoration costs and outage times associated with extreme weather conditions and, therefore, improve overall service reliability.

To date, significant progress has been made toward strengthening FPL's infrastructure. For example, at year-end 2019, approximately 54% of FPL's distribution feeders have been either hardened or placed underground, and approximately 96% of FPL's transmission structures are either steel or concrete. Also, since 2006, FPL has completed multiple system-wide cycles of distribution and transmission pole inspections and

[2] As explained below, a couple of the programs included in the SPP are expected to be completed within the next several years.

vegetation management. Within the next few years several significant milestones are also expected to be reached, including replacement of all wood transmission structures with steel or concrete structures by year-end 2022 and for all feeders to be hardened or placed underground by year-end 2024.

FPL also implemented a three-year Storm Secure Underground Program Pilot in 2018 ("SSUP Pilot") that converts certain targeted overhead laterals – laterals that have been impacted by recent storms and have a history of vegetation-related outages and other reliability issues – to underground laterals. At year-end 2020, the final year of the SSUP Pilot, FPL expects 220-230 of these targeted laterals to be converted from overhead to underground. In addition, FPL's Design Guidelines incorporate and apply extreme wind loading ("EWL") criteria to the design and construction of all new overhead pole lines and major planned work, including pole line extensions, relocations, and certain pole replacements.

FPL's SPP programs have already demonstrated that they have and will continue to provide increased T&D infrastructure resiliency, reduced restoration time, and reduced restoration costs when FPL's system is impacted by severe weather events. In FPL's Third Supplemental Response to Staff's First Data Request No. 29 ("Third Supplemental Amended") in Docket No. 20170215-EI,[3] FPL prepared and submitted an analysis of Hurricanes Matthew and Irma that indicated the restoration construction man-hours ("CMH"), days to restore, and storm restoration costs for these storms would have been significantly higher without FPL's storm hardening programs. Below is a summary of the results of FPL's analysis:

Without Hardening	**Hurricane Matthew**	**Hurricane Irma**
Additional CMH (%)	93,000 (36%)	483,000 (40%)
Additional days to restore (%)	2 (50%)	4 (40%)
Additional restoration costs ($millions) (%)	$105 (36%)	$496 (40%)

[3] The Commission opened Docket No. 20170215-EI to review electric utility preparedness and restoration actions and to identify potential areas where infrastructure damage, outages, and recovery time for customers could be minimized in the future.

A copy of FPL's Third Supplemental Amended Response in Docket No. 20170215-EI, including the analysis referenced above, is provided in Appendix A. Based on a 40-year net present value analysis, the savings achieved from storm hardening would equate to $653 million (for a storm occurring once every three years) and $406 million (for a storm occurring once every five years) for a storm similar to Hurricane Matthew and $3.1 billion (for a storm occurring once every three years) and $1.9 billion (for a storm occurring once every five years) for a storm similar to Hurricane Irma.

These programs have also provided increased levels of day-to-day reliability. For example, FPL has previously submitted reports to the Commission that show hardened feeders have performed approximately 40% better (*i.e.*, fewer outages) on a day-to-day basis than non-hardened feeders.[4] Further details on the benefits of the SPP programs are provided throughout the remaining sections of this SPP.

Although FPL's storm preparedness and hardening programs to date have produced a more storm resilient and reliable T&D electrical grid, FPL must continue its efforts to storm-harden its T&D electrical grid consistent with the findings, conclusions, and objectives of the Florida Legislature in Section 366.96, F.S. Indeed, Florida remains the most hurricane-prone state in the nation and, with the significant coast-line exposure of FPL's system and the fact that the vast majority of FPL's customers live within 20 miles of the coast, a robust storm protection plan is critical to maintaining and improving grid resiliency and storm restoration.

Safe and reliable electric service is essential to the life, health, and safety of the public, and has become a critical component of modern life. Importantly, as evidenced by the significant numbers of Florida's workforce that are working remotely during the COVID-19 pandemic, today's digital society, economy, national security, and daily life are more dependent on reliable electric service than ever before. While no electrical system can be made completely resistant to the impacts of hurricanes and other extreme weather conditions, the programs included in FPL's SPP have already demonstrated that they

[4] *See* Appendix A.

mitigate and will continue to mitigate the impacts of future storms.[5] While FPL's nation-leading initiatives have made significant progress toward strengthening FPL's infrastructure, continuing these previously approved storm hardening and storm preparedness programs in the SPP, together with the new storm surge/flood mitigation substation program, is appropriate and crucial to further mitigate restoration costs and outage times, continue to provide safe and reliable electric service to customers, and meet current and future needs and expectations of customers, today and for many years to come.

III. Description of Service Area and T&D Facilities

Pursuant to Rule 25-6.030(3)(c), F.A.C., this section provides a description of FPL's service area, including areas prioritized for enhancement, if any, and any areas where FPL has determined that enhancement of its existing T&D facilities would not be feasible, reasonable, or practical at this time.

Today, FPL's service territory consists of approximately 28,000 square miles. To serve its more than 5 million customers, FPL has constructed a T&D electric grid that contains approximately 75,000 miles of electrical lines, including:

- Approximately 42,000 miles of overhead distribution lines;
- Approximately 26,000 miles of underground distribution lines;
- Approximately 7,000 miles of high-voltage transmission lines;
- Approximately 1.2 million distribution poles; and
- Approximately 68,000 transmission structures.

FPL's service territory is divided into sixteen (16) distribution management areas. A map depicting FPL's service territory and distribution management areas (with the number of customers served within each management area) is provided in Appendix B.

At this time, FPL has not identified any areas of its service territory where its SPP programs would not be feasible, reasonable, or practical. While all of FPL's SPP

[5] It is important to note that despite the implementation of these storm hardening and storm preparedness programs, outages will still occur when severe weather events impact Florida.

programs are currently system-wide initiatives, annual activities are prioritized based on certain factors such as last inspection date, last trim date, reliability performance, and efficient resource utilization.[6] At this time, there is no area specifically targeted or prioritized for enhanced performance based on its geographical location.

IV. 2020-2029 SPP Programs

Pursuant to Rule 25-6.030(3)(c)(d), F.A.C., this section provides a description of each program included in FPL's SPP. If applicable, each program description below includes: (1) a description of how each program is designed to enhance FPL's existing transmission and distribution facilities including an estimate of the resulting reduction in outage times and restoration costs due to extreme weather conditions; (2) identification of the actual or estimated start and completion dates of the program; (3) a cost estimate including capital and operating expenses; (4) a comparison of the costs and the benefits; and (5) a description of the criteria used to select and prioritize storm protection programs.

A. Pole Inspections – Distribution Program

1. Description of the Program and Benefits

The Pole Inspection – Distribution Program included in the SPP is a continuation of FPL's existing Commission-approved distribution pole inspection program. Below is an overview of FPL's existing distribution inspection program and its associated benefits.

a. Overview of the Distribution Pole Inspection Program

In response to the 2004-2005 storm seasons and, in particular, the "large number of poles throughout Florida that required replacement," the Commission required investor-owned utilities ("IOUs") to implement an eight-year pole inspection cycle for all wood distribution poles.[7] FPL's plan was approved in September 2006[8] and modified in January 2007.[9]

[6] The criteria and factors used to select and prioritize projects within each SPP program are described below.

[7] *See* Order No. PSC-06-0144-PAA-EI.

[8] *See* Order No. PSC-06-0778-PAA-EU.

[9] *See* Order No. PSC-07-0078-EU.

Subsequently, FPL expanded its distribution pole inspection plan to also include concrete poles.

FPL's eight-year pole inspection cycle for all distribution poles targets approximately 1/8 of the system annually (the actual number of poles inspected can vary somewhat from year to year). To ensure inspection coverage throughout its service territory, FPL established nine (9) inspection zones (based on FPL's management areas and pole population) and annually performs pole inspections of approximately 1/8 of the distribution poles in each of these zones, as well as any necessary remediation as a result of such inspections. FPL utilizes Osmose Utilities Services, Inc. ("Osmose"), an industry-leading pole inspection contractor, to perform the system-wide inspection of its distribution poles.

FPL's strength and loading calculations for its distribution poles and pole inspections are based on the National Electrical Safety Code's ("NESC") Grade B construction standard, as outlined by Table 261-1A section 26 of the NESC. Osmose utilizes mobile computing technology to record inspection data and to calculate strength and loading. The loading calculation, span lengths, attachment heights, and wire sizes are recorded in the mobile computer to determine whether the remaining pole strength capacity meets or exceeds NESC requirements. This data is then transferred to FPL's Geographic Information System ("GIS"). Pole locations inspected by Osmose are also randomly audited by FPL to verify that inspections are completed and meet inspection standards.

Inspections include a visual inspection of all distribution poles from the ground-line to the top of the pole to identify visual defects (*e.g.*, woodpecker holes, split tops, decayed tops, cracks, etc.). If, due to the severity of the defects, the poles are not suitable for continued service, the poles are designated for replacement.

Wood poles that pass the above-ground visual inspection are excavated to a depth of 18" (where applicable), and sounded and bored to determine the internal condition of the pole. Poles encased in concrete or asphalt are not excavated, but are sounded and bored to determine their internal condition using a standard industry-accepted inspection process called "Shell Boring." All suitable wood poles receive external and/or internal preservative treatment or, if not suitable, are replaced. Strength calculations are also

performed on wood poles to determine compliance with NESC requirements. The poles that are not suitable for continued service are designated for replacement or remediation.

In 2014, FPL obtained Commission approval to: (1) exempt the loading assessment during the second eight-year cycle for any pole that had less than 80% of full load during FPL's initial eight-year cycle; and (2) excavate Chromium Copper Arsenate ("CCA") poles every 28 years (extended from 16 years originally approved by the Commission).[10] To ensure that these exceptions to the standard eight-year inspection cycle do not compromise existing safety and storm hardening programs, FPL conducts annual testing on 1% of the exempted poles.

b. Benefits of the Distribution Pole Inspection Program

The Commission has previously found that "efforts to maintain system components can reduce the impact of hurricanes and tropical storms upon utilities' transmission and distribution systems," and noted that an "obvious key component in electric infrastructure is the transmission and distribution poles."[11] The Commission has also previously identified multiple benefits of and reasons for justifying pole inspections cycles for electric utilities, including, but no limited to: the likelihood of increased hurricane activity in the future; the high probability for equipment damage if a pole fails during a storm; the likelihood that failure of one pole often causes other poles to fail; the fact that deteriorated poles are more prone to fail when exposed to high winds; the fact that Florida electric utilities replaced nearly 32,000 poles during the 2004 storm restoration efforts; and the fact that restoration times increase significantly when a large number of poles fail, which limits the electric utilities' ability to respond quickly to widespread outages.[12]

In addition to the benefits discussed above that underlie the creation of the Commission's mandated pole inspection requirements, recent storm events indicate that FPL's distribution pole inspection program has contributed to the overall improvement in distribution pole performance during storms, resulting in reductions in storm damage to poles, days to restore, and storm restoration costs. The table below compares distribution

[10] *See* Order No. PSC-14-0594-PAA-EI.
[11] *See* Order No. PSC-06-0144-PAA-E.
[12] *See id*.

pole performance for Hurricane Wilma, which occurred in 2005 before FPL implemented its current distribution pole inspection program, and Hurricane Irma, which occurred in 2017 after FPL implemented its current distribution pole inspection program:

	Hurricane Wilma	**Hurricane Irma**
Hurricane Strength (Category)	3	4
Customer Outages (Millions)	3.2	4.4
Distribution Poles Replaced	>12,400	<2,900[13]
Total Days to Restore	18	10
Average Days to Restore	5.4	2.1

FPL's Commission-approved distribution pole inspection program has facilitated the replacement and/or strengthening of over 140,000 distribution poles since it was first implemented in 2006 and has directly improved and will continue to improve the overall health and storm resiliency of its distribution pole population.

2. Actual/Estimated Start and Completion Dates

The SPP will continue FPL's ongoing Commission-approved distribution pole inspection program described above. With approximately 1.2 million distribution poles as of year-end 2019, FPL expects to inspect approximately 150,000 poles annually (spread throughout its nine inspection zones) during the 2020-2029 SPP period.

3. Cost Estimates

Estimated/actual annual distribution pole inspection costs are a function of the number of inspections estimated to be/actually completed and the number of poles estimated to be/actually remediated/replaced as a result of the annual inspections. Although costs to inspect the poles are operating expenses, the vast majority of pole inspection program costs are capital costs resulting from remediation/replacement of poles that fail inspection.

[13] Approximately 99% of distribution poles replaced after Hurricane Irma were non-hardened poles.

The table below provides a comparison of the 2017-2019 total actual distribution pole inspection costs with the 2020-2022 (first three years of the SPP) total estimated distribution pole inspection costs and the 2020-2029 total estimated distribution pole inspection costs:

	Total Program Costs (millions)	**Annual Average Program Costs (millions)**
2017-2019	$152	$51
2020-2022	$170	$57
2020-2029	$605	$61

Further details regarding SPP estimated distribution pole inspection costs, including estimated annual capital expenditures and operating expenses, are provided in Appendix C.[14]

4. Comparison of Costs and Benefits

As provided in Section (IV)(A)(3) above, during 2020-2029, total costs for FPL's Pole Inspection – Distribution Program are expected to average approximately $61 million per year. Benefits associated with FPL's Pole Inspection – Distribution Program, discussed in Sections II and IV(A)(1)(b) above, include a more storm resilient pole population that will result in reductions in pole failures and poles needing to be replaced during storms, fewer storm-related outages and reductions in storm restoration costs.

5. Criteria used to Select and Prioritize the Program

Poles to be inspected annually are selected/prioritized within each of the nine (9) inspection zones established throughout FPL's service territory based on the last cycle's inspection dates, to ensure that poles are in compliance with FPL's established eight-year

[14] Note, the 2020-2029 program costs shown above are projected costs estimated as of the time of this filing. Subsequent projected and actual costs could vary by as much as 10% to 15%. The annual projected costs, actual/estimated costs, actuals costs, and true-up of actual costs to be included in FPL's Storm Protection Plan Cost Recovery Clause will all be addressed in subsequent and separate Storm Protection Plan Cost Recovery Clause filings pursuant to Rule 25-6.031, F.A.C. The Commission has opened Docket No. 20200092-EI to address Storm Protection Plan Cost Recovery Clause petitions to be filed the third quarter of 2020.

cycle. As such, approximately 1/8 of the distribution poles in each inspection zone are inspected annually.

At this time, FPL has not identified any areas where the Pole Inspection – Distribution Program would not be feasible, reasonable or practical.

B. Structures/Other Equipment Inspections – Transmission Program

1. Description of the Program and Benefits

The Structures/Other Inspections – Transmission Program included in the SPP is a continuation of FPL's existing Commission-approved transmission inspection program. Below is an overview of FPL's existing transmission inspection program and the associated benefits.

a. Overview of the Transmission Inspection Program

In 2006, as part of its Storm Preparedness Initiative No. 3, the Commission required electric utilities to develop and implement plans to fully inspect all transmission structures, substations, and all hardware associated with these facilities on a six-year cycle. Consistent therewith, FPL implemented a Commission-approved transmission inspection plan in 2006 and has continued that plan to date.

Under its Commission-approved transmission inspection plan, FPL inspects its transmission circuits, substations, and other equipment on a six-year cycle. Additionally, all of FPL's transmission structures are visually inspected from the ground each year. Finally, FPL performs climbing or bucket truck inspections on all wood transmission structures on a six-year cycle and all steel and concrete structures on a ten-year cycle.

Inspections for wood structures include an overall assessment of the condition of the structures, as well as other pole/structure components including the foundation, all attachments, insulators, guys, cross-braces, cross-arms, and bolts. If a wood transmission structure does not pass visual inspection, it is designated for replacement with a concrete or steel transmission structure.

For steel and concrete structures, the visual inspection includes an overall assessment of the structure condition (*e.g.*, cracks, chips, exposed rebar, and rust) as well as other pole/structure components including the foundation, all attachments, insulators, guys, cross-braces, cross-arms, and bolts. If a concrete or steel pole/structure fails the inspection, it is designated for repair or replacement.

The SPP will continue FPL's current transmission inspection program which requires: (a) transmission circuits and substations and all associated hardware to be inspected on a six-year cycle; (b) wood structures to be inspected visually from the ground each year and climbing or bucket truck inspections to be conducted on a six-year cycle; and (c) steel and concrete structures to be inspected visually each year and climbing or bucket truck inspections to be conducted on a ten-year cycle.

b. Benefits of the Transmission Inspection Program

As noted in Section IV(A)(1)(b) above, the Commission has found numerous benefits and reasons justifying inspections of electrical utility facilities, including transmission facilities. Importantly, the transmission system is the backbone of the electric grid. While outages associated with distribution facilities (*e.g.*, a transformer, lateral or feeder) can result in an outage affecting anywhere from a few customers up to several thousands of customers, a transmission related outage can affect tens of thousands of customers. Additionally, an outage on a transmission facility could cause cascading (a loss of power at one transmission facility can trigger the loss of power on another interconnected transmission facility, which in turn can trigger the loss of power on another interconnected transmission facility, and so on) and result in the loss of service for hundreds of thousands of customers. As such, it is imperative that transmission facilities be properly inspected using appropriate cycles and standards to help ensure they are prepared for storms.

Further, the performance of FPL's transmission facilities during recent storm events indicates FPL's transmission inspection program has contributed to the overall storm resiliency of the transmission system and provided savings in storm restoration costs. The table below compares the performance of FPL's transmission system for Hurricane Wilma, which occurred in 2005 before FPL implemented its current transmission

inspection program, and Hurricane Irma, which occurred in 2017 after FPL implemented its current transmission inspection program:

Transmission Facilities	Hurricane Wilma	Hurricane Irma	Improvement
Line Section Outages	345	215	38%
Substation Outages	241	92	62%
Structures Failed	100	5	95%

As shown above, the impacts on FPL's transmission facilities associated with Hurricane Irma were significantly reduced from those experienced with Hurricane Wilma, even though Hurricane Irma's winds were stronger and its path impacted substantially more of FPL's facilities. As reflected in the Commission's reasoning for mandating transmission facility inspections, FPL submits that its systematic transmission inspection program is a key factor for this improved performance.

2. Actual/Estimated Start and Completion Dates

The SPP will continue FPL's ongoing Commission-approved transmission inspection program described above. This requires FPL to inspect: (a) transmission circuits and substations and all associated hardware on a six-year cycle; (b) wood structures to be visually inspected from the ground each year and conduct climbing or bucket truck inspections on a six-year cycle; and (c) steel and concrete structures visually each year and conduct climbing or bucket truck inspections on a ten-year cycle.

3. Cost Estimates

Estimated/actual annual transmission inspection costs are a function of the number of inspections estimated to be/actually completed and the transmission facilities estimated to be/actually remediated/replaced as a result of those annual inspections. Although the inspection costs are operating expenses, the vast majority of the transmission inspection program costs are capital costs resulting from remediation/replacement of facilities that fail inspection.

The table below provides a comparison of the 2017-2019 total actual transmission inspection costs with the 2020-2022 (first three years of the SPP) total estimated

transmission inspection costs and the 2020-2029 total estimated transmission inspection costs:

	Total Program Costs (millions)	Annual Average Program Costs (millions)
2017-2019	$128	$43
2020-2022	$97	$32
2020-2029	$500	$50

Further details regarding the SPP estimated transmission inspection costs, including estimated annual capital expenditures and operating expenses, are provided in Appendix C.[15]

4. Comparison of Costs and Benefits

As provided in Section IV(B)(3) above, during 2020-2029, total costs for FPL's Structures/Other Inspections – Transmission Program are expected to average approximately $50 million per year. Benefits associated with the Structures/Other Inspections – Transmission Program discussed in Sections II and IV(B)(1)(b) above, include avoiding outages that can affect tens of thousands of customers and, in particular, cascading outages where the loss of service can affect hundreds of thousands of customers.

5. Criteria used to Select and Prioritize the Program

As explained above, FPL visually inspects from the ground all transmission structures on an annual basis. For the inspection of transmission circuits and substations and all associated hardware, the facilities are selected/prioritized throughout FPL's service territory based on the last cycle's inspection dates, to ensure that facilities are inspected in compliance with the established six-year inspection cycle. Similarly, for bucket truck or climbing inspections, structures are selected/prioritized throughout FPL's service territory based on the last cycle's inspection dates, to ensure that structures are inspected

[15] *See* footnote 14.

in compliance with the established six-year (wood) and ten-year (steel and concrete) cycles.

At this time, FPL has not identified any areas where the Structures/Other Inspections – Transmission Program would not be feasible, reasonable or practical.

C. Feeder Hardening (EWL) – Distribution Program

1. Description of the Program and Benefits

The Feeder Hardening (EWL) – Distribution Program included in the SPP is a continuation of FPL's existing Commission-approved approach (most recently approved in Docket No. 20180144-EI) to harden existing feeders and certain critical distribution poles, as well as FPL's initiative to design and construct new pole lines and major planned work to meet the NESC's extreme wind loading criteria ("EWL"). FPL will continue the distribution feeder hardening program until 2024, when FPL expects 100% of its feeders to be hardened or underground. Below is an overview of FPL's existing distribution feeder hardening program and the associated benefits.

a. Overview of the Distribution Feeder Hardening Program

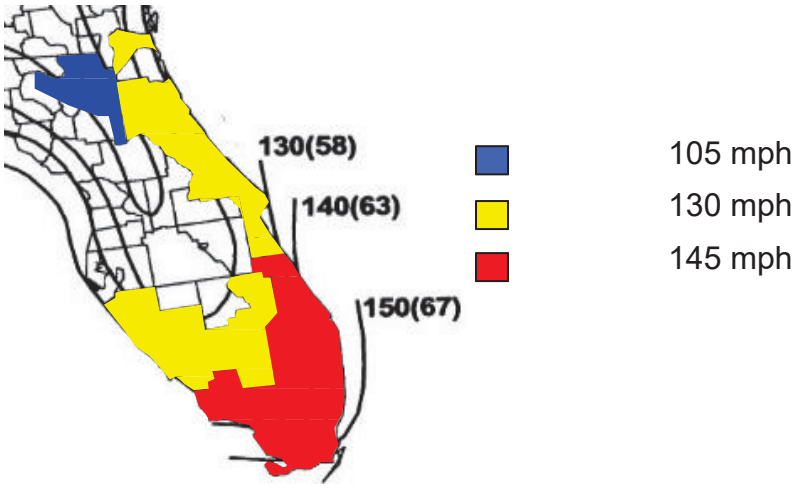
The foundation for FPL's distribution feeder hardening program was the extensive forensic and other analyses that FPL conducted after Hurricane Wilma.[16] These analyses concluded that "wind only" (as opposed to, for example, trees or other flying debris) was the predominant root cause of distribution pole breakage. This data, together with the overall performance of FPL's transmission poles that were already built to the NESC EWL standards and the performance of hardened feeders during Hurricanes Matthew and Irma, formed the basis for FPL's feeder hardening strategy.

The SPP will continue FPL's previously approved approach to apply EWL criteria to harden existing distribution feeders and certain critical poles. The NESC extreme wind map for Florida will continue to be applied to FPL's system by dividing the application of

[16] These analyses were conducted either directly by FPL or with the aid of external resources (*e.g.*, KEMA, Inc.).

EWL into three wind regions, corresponding to expected extreme winds of 105, 130 and 145 mph, as shown below.

FPL Extreme Wind Regions - mph (meter/sec)



By evaluating each of the counties served by FPL, including each county's applicable wind zones, FPL determined that utilizing three extreme wind regions of 105, 130 and 145 mph for its service territory was appropriate for the following reasons:

- A smaller number of wind regions generate advantages through efficiency of work methods, training, engineering and administrative aspects (*e.g.*, standards development and deployment); and

- Using 105, 130 and 145 mph wind zones is a well balanced approach that recognizes differences in the EWL requirements in the counties within each region.

The SPP will also continue to utilize FPL's Design Guidelines and processes that apply EWL criteria to the design and construction of new pole lines and major planned work, including pole line extensions and relocations and certain pole replacements. Depending on the scope of the work that is performed in a particular project, this could result in the EWL hardening of an entire circuit (in the case of large-scale projects) or in EWL hardening of one or more poles (in the case of small projects) so that the affected circuit will be in a position to be fully EWL hardened in the future. The Design Guidelines are

primarily associated with changes in pole class, pole type, and desired span lengths to be utilized. The Design Guidelines standardize the design and construction of new pole lines and major planned work to ensure that these projects align with FPL's hardening strategy.

FPL's current pole sizing guidelines provide for a minimum installation of: Class 2 wood poles for all new feeder and three-phase lateral work; Class 3 wood pole for two-phase and single-phase lateral work; and Class 3 wood pole for service and secondary work. For critical poles, FPL's current pole sizing guidelines provide for the installation of concrete poles at accessible locations. These guidelines significantly increase the wind ratings (up to nearly 50 percent) from the Design Guidelines in place prior to 2007. FPL's current Distribution Design Guidelines are provided in Appendix D.

To determine how an existing overhead circuit or critical pole will be hardened, a field survey of the circuit facilities is performed. By capturing detailed information at each pole location, such as pole type, class, span distance, attachments, wire size, and framing, a comprehensive wind-loading analysis can be performed to determine the current wind rating of each pole, and ultimately the circuit itself. This data is then used to identify specific pole locations on the circuit that do not meet the desired wind rating. For all poles that do not meet the applicable EWL, FPL develops recommendations to increase the allowable wind rating of the pole.

FPL plans to continue to utilize its "design toolkit" that focuses on evaluating and using cost-effective hardening options for each location, including:

- Storm Guying – Installing a guy wire in each direction perpendicular to the line, which is a very cost-effective option but is dependent on proper field conditions;
- Equipment Relocation – Moving equipment on a pole to a stronger pole near-by;
- Intermediate Pole – Installing an additional single pole within long span lengths, which reduce the span length and increases the wind rating of both adjacent poles;

- Upgrading Pole Class – Replacing the existing pole with a higher class pole to increase the pole's wind rating; and;

- Undergrounding Facilities – Evaluated on a case-by-case basis using site-specific factors and conditions.

These options are not mutually exclusive and, when used in combination with sound engineering practices, provide cost-effective methods to harden a circuit. FPL's design recommendations also take into consideration issues such as hardening, mitigation (minimizing damage), and restoration (improving the efficiency of restoration in the event of failure). Since multiple factors can contribute to losing power after a storm, utilizing this multi-faceted approach to pole design helps to reduce the amount of work required to restore power to a damaged circuit.

b. Benefits of the Distribution Feeder Hardening Program

Distribution feeders are the backbone of the distribution system and are critical component to providing safe and reliable electric service to FPL's customers. Thus, improving the storm resiliency of distribution feeders logically provides substantial benefits for customers. Therefore, hardening distribution feeders has been and continues to be one of FPL's highest storm hardening priorities.

During the period 2006-2019, FPL hardened over 1,300 existing feeders, the vast majority being Critical Infrastructure Function ("CIF") feeders (*i.e.*, feeders that serve hospitals, 911 centers, police and fire stations, water treatment facilities, county emergency operation centers) and Community Project feeders (*i.e.*, feeders that serve other key community needs like gas stations, grocery stores, and pharmacies) throughout FPL's service territory. Additional feeders were hardened as a result of FPL's Priority Feeder Initiative, a reliability program that targeted feeders experiencing the highest number of interruptions and/or customers interrupted. As of year-end 2019, approximately 54% of FPL's feeders were either hardened or placed underground. Additionally, FPL has hardened 125 highway crossings and over 300 "01" switches (first pole out of a substation with a feeder switch). FPL also applied EWL to the design and construction of new pole

lines and major planned work, including pole line extensions and relocations and certain pole replacements.

As provided in previous FPL Annual Reliability Report filings and three-year Storm Hardening Plan filings (per Rule 25-6.0342, F.A.C.) hardened feeders perform better than non-hardened feeders. This has been demonstrated in-day-to-day reliability performance and during severe storms. For example, when comparing day-to-day reliability performance, hardened feeders have performed 40% better than non-hardened feeders. Also, during Hurricanes Matthew and Irma, hardened feeders performed better than non-hardened feeders.

Additionally, in Docket No. 20170215-EU, the Commission reviewed the electric utilities' storm hardening and storm preparedness programs and found for Hurricane Irma that: (1) outage rates were nearly 20% less for hardened feeders than non-hardened feeders; (2) CMH to restore hardened feeders were 50% less than non-hardened feeders (primarily due to hardened feeders experiencing less damage than non-hardened hardened feeders); and (3) hardened feeders had significantly less pole failures as compared to non-hardened feeders.[17]

2. Actual/Estimated Start and Completion Dates

FPL initiated its feeder hardening initiative in 2006. As of year-end 2019, there are approximately 1,600 feeders remaining to be hardened or placed underground. FPL expects to harden approximately 250-350 feeders annually, with 100% of FPL's feeders expected to be hardened or underground by year-end 2024 and with the final costs of the program to be incurred in 2025.

[17] *See Review of Florida's Electric Utility Hurricane Prepared ness and Restoration Actions 2018*, Docket No. 20170215-EU (July 24, 2018), *available at* http://www.psc.state.fl.us/library/filings/2018/04847-2018/04847-2018.pdf.

3. Cost Estimates

Estimated distribution feeder hardening costs are determined utilizing the length of each feeder, the average historical feeder hardening cost per mile, and updated cost assumptions (*e.g.*, labor and materials).

The table below provides a comparison of the 2017-2019 total actual distribution feeder hardening costs with the 2020-2022 (first three years of the SPP) total estimated distribution feeder hardening costs and the total estimated distribution feeder hardening costs to be incurred over the period of 2020-2025[18]:

	Total Program Costs (millions)	**Annual Average Program Costs (millions)**
2017-2019	$1,492	$497
2020-2022	$1,958	$653
2020-2025	$3,206	$534

Further details regarding the SPP distribution feeder hardening costs, including estimated annual capital expenditures are provided in Appendix C.[19]

4. Comparison of Costs and Benefits

As provided in Section IV(C)(3) above, during 2020-2025, total costs for FPL's Feeder Hardening (EWL) – Distribution Program average approximately $534 million per year through 2025. Benefits associated with the Feeder Hardening (EWL) – Distribution Program discussed in Sections II and IV(C)(1)(b) above, include improved storm resiliency as well as improved day-to-day reliability.

5. Criteria used to Select and Prioritize the Program

As explained above, there are approximately 1,600 feeders remaining to be hardened or placed underground. FPL attempts to spread its annual projects throughout its service territory. In prioritizing the remaining existing feeders to be hardened each year,

[18] It is currently estimated that 100% of FPL's feeders will be hardened or underground by year-end 2024, with the final costs to be incurred in 2025.

[19] *See* footnote 14.

considerations include the feeder's historical reliability performance, restoration difficulties (*e.g.*, environmentally sensitive areas, islands with no vehicle access, river crossings, etc.), on-going or upcoming internal/external projects (*e.g.*, FPL maintenance or system expansion projects, municipal overhead/underground conversion project or municipal road project) and geographic location.

At this time, FPL has not identified any areas where the Feeder Hardening (EWL) – Distribution Program would not be feasible, reasonable or practical.

D. Lateral Hardening (Undergrounding) – Distribution Program

1. Description of the Program and Benefits

In 2018, FPL implemented a three-year Commission-approved SSUP Pilot. The SSUP Pilot is a program that targets certain overhead laterals for conversion from overhead to underground. As part of its SPP, FPL will expand undergrounding laterals in 2021-2029. Below is an overview of FPL's Lateral Hardening (Undergrounding) – Distribution Program and the associated benefits.

a. Overview of the Distribution Lateral Hardening Program

As part of the SPP, FPL will complete its existing approved three-year SSUP Pilot (in 2020) and expand the application of the SSUP during 2021-2029 to the implementation of the system-wide Lateral Hardening (Undergrounding) – Distribution Program. The SSUP Pilot targeted certain overhead laterals that were impacted by recent storms and that have a history of vegetation-related outages and other reliability issues for conversion from overhead to underground. Key objectives of the SSUP Pilot included validating conversion costs and identifying cost savings opportunities, testing different design philosophies, better understanding customer impacts and sentiments, and identifying barriers (*e.g.*, obtaining easements, placement of transformers, and attaching entities' issues).

Two design options are being utilized when FPL converts overhead laterals to underground, referred to as the North American and the European designs. The North American design currently is the predominant design, but both undergrounding designs eliminate all overhead lateral and service wire. The North American design generally

utilizes more primary conductor and a greater number of smaller-sized transformers, with less customers per transformer, and is better suited for front lot construction and service. The European design utilizes more secondary conductor, and a smaller number of larger-sized transformers, with more customers per transformer, and is better suited for rear lot construction and service. Where practical, FPL attempts to relocate existing facilities from the rear of to the front of customers' premises; however, there are instances where that option is not available (*e.g.*, FPL is unable to obtain easements in front of customers' premises). FPL's standard design is the North American design (front lot construction), but FPL is gaining important experience and knowledge from its utilization of the European design (rear lot construction), which it can then better utilize for future projects as appropriate.

As part of the conversion process, FPL is also installing meter base adaptors that allow underground service to be provided to the customer by utilizing the existing meter and meter enclosure. The meter base adaptors minimize the impact on customer-owned equipment and facilities. For example, in certain situations, overhead to underground conversions of electric service can trigger a local electrical code requirement that necessitates a customer upgrade of the home's electric service panel. This can cost the customer thousands of dollars. However, by utilizing a meter base adaptor, overall costs are reduced and customers are able to avoid the need and expense to convert their electrical service panels.

b. Benefits of the Distribution Lateral Hardening Program

Laterals make up the majority of FPL's distribution system. For example, system-wide, there are over 180,000 laterals (including laterals with multi-stage fusing), in contrast to approximately 3,300 feeders, and there are 1.8 times as many miles of overhead laterals as there are overhead feeders (approximately 23,000 miles vs. 13,000 miles, respectively). Additionally, while feeders are predominately located in the front of customers' premises, many laterals are "rear of" or behind customers' premises. This is especially the case in older neighborhoods located throughout FPL's service territory. Generally, facilities in the rear of customers' premises take longer to restore than facilities in front of customers' premises because rear-located facilities are more difficult to access

and are more likely to be near vegetation. This results in a greater amount of CMH being devoted to laterals during storm restoration.

The basis for FPL's SSUP Pilot and the proposal to expand upon the Pilot under the SPP is the performance of the underground facilities as compared to overhead facilities and the extensive damage to the overhead facilities caused by vegetation during Hurricanes Matthew and Irma. This performance was demonstrated by the results of FPL's analysis referenced above in Section IV(A)(1)(b) and contained in the Commission's *Review of Florida's Electric Utility Hurricane Preparedness and Restoration Actions in 2018*,[20] which is summarized in the table below:

Storm and Facility	Laterals Out	Total Laterals	% Out
Matthew OH	3,473	82,729	4%
Matthew UG	238	101,892	0.2%
Irma OH	20,341	84,574	24%
Irma UG	3,767	103,384	4%

Finally, it is important to note that underground facilities also perform better than overhead facilities on a day-to-day basis. For example, based on the reliability performance metrics for overhead and underground facilities provided to the Commission in FPL's February 28, 2020 Annual Reliability Report filing, the System Average Interruption Duration Index ("SAIDI") for underground facilities is significantly better than hybrid facilities (combination of overhead and underground) or overhead facilities as shown in the table below:

	SAIDI[21]		
Year	UG	OH	Hybrid
2015	21.4	102.4	60.0
2016	17.2	80.4	57.6
2017	17.7	89.6	55.5
2018	21.2	89.0	54.2
2019	30.3	87.4	49.4

[20] *See* footnote 17.

[21] *See* pages 93-97 of FPL's February 28, 2020 Annual Reliability Report filing for more details on day-to-day reliability performance - overhead vs. underground.

2. Actual/Estimated Start and Completion Dates

FPL's SSUP Pilot was initiated in 2018. By the end of 2020, the third and final year of the SSUP Pilot, FPL expects to have converted a total of 220-230 laterals from overhead to underground, which is consistent with the SSUP Pilot's plan most recently approved in Docket No. 20180144-EI. As part of its SPP, FPL will incorporate, continue, and expand the SSUP to provide the benefits of underground lateral hardening throughout its system. After completing the SSUP Pilot in 2020, FPL estimates it will convert 300-700 laterals annually. In 2024-2029 FPL estimates it will convert 800-900 laterals annually.

3. Cost Estimates

Estimated lateral undergrounding costs are determined utilizing the length of each lateral, the average historical lateral undergrounding cost per mile, and updated cost assumptions (*e.g.*, labor and materials). The table below provides a comparison of the 2018-2019 total actual costs for the SSUP Pilot with the 2020-2022 (first three years of the SPP) total estimated distribution lateral hardening program costs and the 2020-2029 total estimated distribution lateral hardening program costs:

	Total Program Costs (millions)	**Annual Average Program Costs (millions)**
2018-2019[22]	$76	$38
2020-2022	$676	$225
2020-2029	$5,101	$510

Further details regarding the SPP estimated distribution lateral hardening program costs, including estimated annual capital expenditures are provided in Appendix C.[23]

4. Comparison of Costs and Benefits

As provided in Section IV(D)(3) above, during 2020-2029, total costs for FPL's Lateral Hardening (Undergrounding) – Distribution Program average approximately $510 million per year. Benefits associated with the Lateral Hardening (Undergrounding) – Distribution

[22] The Storm Secure Underground Program Pilot was initiated in 2018.

[23] *See* footnote 14.

Program discussed in Sections II AND IV(D)(1)(b) above, include improved storm resiliency as well as improved day-to-day reliability.

5. Criteria used to Select and Prioritize the Program

FPL will select/prioritize future laterals for conversion to undergrounding based on an overall feeder performance methodology. Rather than selecting individual "stand-alone" laterals, FPL will underground all the laterals on a feeder such that when a hardened feeder that has experienced an outage is restored, all associated underground laterals would also be restored (unless the underground lateral was damaged).

On average, there are currently 20-30 overhead laterals on a feeder. The selection and prioritization of the laterals to be converted will be based on a methodology that considers: (a) all of the overhead laterals on each feeder; (b) outage experience during the recent Hurricanes Matthew and Irma; (c) the number of vegetation-related outages experienced over the most recent 10 years; and (d) the total number of lateral and transformer outages experienced over the most recent 10 years. These overhead lateral factors are totaled for each feeder, and the feeders are ranked based on these totals. All laterals on the feeders will then be hardened according to the ranking of each feeder.

In order to optimize resources and provide lateral hardening throughout FPL's system, lateral hardening projects will be performed annually in all sixteen (16) of FPL's management areas. At this time, FPL has not identified any areas where the Lateral Hardening (Undergrounding) – Distribution Program would not be feasible, reasonable, or practical. However, in areas that are more prone to flooding or storm surge, FPL will consider alternative construction methods (*e.g.*, elevating transformer pads).

E. Wood Structures Hardening (Replacing) – Transmission Program

1. Description of the Program and Benefits

The Wood Structure Hardening (Replacing) – Transmission Program included in the SPP is a continuation of FPL's existing transmission hardening program through the end of 2022, when FPL expects that 100% of its transmission structures will be steel or concrete.

Below is an overview of FPL's existing transmission wood structure hardening program and the associated benefits.

a. Overview of the Transmission Hardening Program

While FPL's transmission facilities were affected by the 2004 and 2005 storms, the damage experienced was significantly less than the damage sustained by distribution facilities. A primary reason for this resulted from the fact that transmission structures were, at that time, already constructed to meet EWL consistent with Florida Statute 366.04 and the National Electrical Safety Code, Rule 250 C.

Based on the forensic data collected from the 2004 and 2005 storms, FPL implemented a Commission-approved transmission storm hardening initiative to replace all wood transmission structures, which accounted for nearly 70 percent of all transmission structures replaced during the 2004-2005 storm seasons, with steel or concrete structures. As explained below, this initiative is ongoing and expected to be completed by the end of 2022. As part of its SPP, FPL will continue its initiative to replace all wood transmission structures with steel or concrete structures.

b. Benefits of the Transmission Hardening Program

While an outage associated with distribution facilities (*e.g.*, a transformer, lateral, or feeder) can impact up to several thousands of customers, a transmission-related outage can result in an outage affecting tens of thousands of customers. Additionally, an outage on a transmission facility could cause cascading (a loss of power at one transmission facility can trigger the loss of power on another interconnected transmission facility, which in turn can trigger the loss of power on another interconnected transmission facility, and so on) and result in the loss of service for hundreds of thousands of customers. As a result, the prevention of transmission-related outages is essential. As discussed earlier, while transmission facilities performed significantly better than distribution facilities during the 2004 and 2005 storms, there were several opportunities for improvement identified, including the replacement of wood transmission structures. As a result of its transmission inspection programs and its replacement of wood transmission structures, FPL's transmission facilities have demonstrated to be more storm resilient.

The table below compares the performance of FPL's transmission system for Hurricane Wilma, which occurred in 2005 before FPL implemented its current transmission hardening program, and Hurricane Irma, which occurred in 2017 after FPL implemented its current transmission hardening program:

	Hurricane Wilma	**Hurricane Irma**
% Line Section Outages	37%	17%
Transmission Structure Failures	100	5 (all non-hardened)
Transmission Substations De-energized	241	92
Days to Restore Substation Outages	5	1

As shown above, the impacts on FPL's transmission facilities associated with Hurricane Irma were significantly reduced from those experienced with Hurricane Wilma, even though Hurricane Irma's winds were stronger and its path impacted substantially more of FPL's facilities.

2. Actual/Estimated Start and Completion Dates

FPL implemented its transmission hardening program in 2007. As of year-end 2019, 96% of FPL's transmission structures, system-wide, were steel or concrete, with less than 2,900 (or 4%) wood structures remaining to be replaced. FPL expects to replace the 2,900 wood transmission structures remaining on its system by year-end 2022.

3. Cost Estimates

Estimated/actual annual transmission hardening costs are a function of the number of poles to be replaced, actual historical replacement costs, and updated cost assumptions (*e.g.*, labor and materials). The vast majority of the transmission hardening program costs are capital costs resulting from replacement of the wood transmission structures.

The table below provides a comparison of the 2017-2019 total actual transmission hardening costs with the 2020-2022 (first three years of the SPP) total estimated transmission hardening costs:[24]

	Total Program Costs (millions)	**Annual Average Program Costs (millions)**
2017-2019	$162	$54
2020-2022	$118	$39

Further details regarding the SPP estimated transmission hardening costs, including estimated annual capital expenditures and operating expenses, are provided in Appendix C.[25]

4. Comparison of Costs and Benefits

As provided in Section IV(E)(3) above, during 2020-2022, total costs for FPL's Wood Structure Hardening (Replacing) – Transmission Program average approximately $39 million per year. Benefits associated with the Wood Structure Hardening (Replacing) – Transmission Program discussed in Sections II and IV(E)(1)(b) above, include improved storm resiliency.

5. Criteria used to Select and Prioritize the Program

The annual prioritization/selection criteria for the remaining wood structures to be replaced includes proximity to high wind areas, system importance, customer counts, and coordination with other storm initiatives (*e.g.*, distribution feeder hardening). Other economic efficiencies, such as opportunities to perform work on multiple transmission line sections within the same transmission corridor, are also considered.

At this time, FPL has not identified any areas where the replacement of the remaining wood transmission structures under the Wood Structure Hardening (Replacing) – Transmission Program would not be feasible, reasonable or practical.

[24] FPL expects that 100% of the remaining wood transmission structures in its system will be replaced by year-end 2022.

[25] *See* footnote 14.

F. Substation Storm Surge/Flood Mitigation Program

1. Description of the Program and Benefits

The Substation Storm Surge/Flood Mitigation Program is the only new program included in FPL's SPP. As explained below, Substation Storm Surge/Flood Mitigation Program is a new program to mitigate damage at several targeted distribution and transmission substations that are susceptible to storm surge and flooding during extreme weather events.

Historically, several FPL distribution and transmission substations have been impacted by storm surge and/or flooding as a result of extreme weather conditions. For example, as a result of flooding caused by Hurricanes Matthew and Irma, FPL's St. Augustine substation was required to be proactively de-energized (*i.e.*, shut down before water reached levels that would cause significant damage to powered substation equipment). Another example is FPL's South Daytona substation that was proactively de-energized during Hurricane Irma as a result of flooding. While proactively de-energizing those substations impacted by storm surge and/or flooding helps reduce damage to substation equipment, FPL is still required to implement both temporary flood mitigation efforts and repairs to substation facilities and equipment that become flooded as a result of extreme weather conditions.

An outage associated with distribution substations can impact up to several thousands of customers, and an outage associated with a transmission substation can result in an outage affecting tens of thousands of customers. Flooding and the need to proactively de-energize substations located in areas susceptible to storm surge and flooding can result in significant customer outages. For example, the flooding and de-energization of St. Augustine and South Daytona during Hurricane Irma resulted in more than 8,000 customer outages. Therefore, the prevention of outages at transmission and distribution substations due to storm surge or flooding is essential.

To prevent/mitigate future substation equipment damage and customer outages due to storm surge and flooding, FPL's new Substation Storm Surge/Flood Mitigation Program will target and harden certain substations located in areas throughout FPL's service

territory that are susceptible to storm surge or flooding during extreme weather events. Specifically, FPL plans to raise the equipment at certain substations above the flood level and construct flood protection walls around other substations to prevent/mitigate future damage due to storm surge and flooding.

2. Actual/Estimated Start and Completion Dates

At this time, FPL has identified between 8-10 substations where it initially plans to implement storm surge/flood mitigation measures over the next three years (2020-2022). FPL plans to initiate construction in late summer/early fall 2020 to raise the equipment at the St. Augustine substation, which is expected to be completed in 2021. In 2021 and early 2022, FPL also plans to begin construction on flood protection walls for the other 7-9 substations identified for mitigation, which is expected to be completed by 2022.

3. Cost Estimates

The storm surge/flood mitigation costs associated with St. Augustine substation (raising substation equipment) are estimated to be approximately $10 million in total (2020 and 2021). Estimated storm surge/flood mitigation costs for the remaining 7-9 substations identified at this time (constructing surrounding flood walls) are estimated to be approximately $13 million in total (2021 and 2022). See the table below the estimated annual program costs:

	Total Program Costs (millions)	**Annual Average Program Costs (millions)**
2020-2022	$23	$8

Further details regarding the SPP estimated storm surge/flood mitigation costs, including estimated annual capital expenditures and operating expenses, are provided in Appendix C.[26]

4. Comparison of Costs and Benefits

As provided in Section IV(F)(3) above, during 2020-2022, total costs for FPL's Substation Storm Surge/Flood Mitigation Program average approximately $8 million per year.

[26] *See* footnote 14.

Benefits associated with this program discussed in Section IV(F)(1) above, include improved storm resiliency (avoiding storm surge/flood damage), reduced customer outages and storm restoration costs.

5. Criteria used to Select and Prioritize Projects

The annual prioritization/selection criteria for the targeted substations is based on FPL's historical storm surge/flood experience, in particular, Hurricanes Matthew and Irma. At this time, for the targeted substations, FPL has not identified any areas where the upgrades would not be feasible, reasonable or practical.

G. Vegetation Management – Distribution Program

1. Description of the Program and Benefits

The Vegetation Management – Distribution Program included in the SPP is a continuation of FPL's existing Commission-approved Vegetation Management – Distribution Program. Below is an overview of FPL's existing Vegetation Management – Distribution Program and the associated benefits.

a. Overview of the Vegetation Management – Distribution Program

Prior to 2006, FPL's Vegetation Management – Distribution Program consisted of inspecting and maintaining its feeders on a three-year average trim cycle and performing targeted trimming on certain feeders more frequently (*e.g.*, targeting vegetation with faster growth rates and palm trees) through its "mid-cycle" program. Lateral trimming was prioritized based on reliability performance. Another important component of this program was FPL's "Right Tree Right Place" initiative, which provided information to educate customers on FPL's vegetation management program and practices, safety issues, and the importance of placing trees in the proper location.

After the 2004-2005 storm seasons, the Commission determined that the "vegetation management practices of the investor-owned electric utilities do not provide adequate assurance that tree clearances for overhead distribution facilities are being maintained in a manner that is likely to reduce vegetation related storm damage. We believe that

utilities should develop more stringent distribution vegetation management programs."[27] As result, FPL proposed and the Commission approved the continuation of FPL's system-wide three-year average trim cycle for feeders, mid-cycle targeted trimming for certain feeders, and its Right Tree Right Place initiative, as well as the implementation of a new six-year average trim cycle for laterals.[28] These same initiatives, which have provided storm and day-to-day reliability benefits, remain in place today.

Tree limbs and branches, especially palm fronds, are among the most common causes of power outages and momentary interruptions during both day-to-day operations and storm events. The primary objective of FPL's Vegetation Management – Distribution Program is to clear vegetation in areas where FPL is permitted to trim from the vicinity of distribution facilities and equipment in order to provide safe, reliable, and cost-effective electric service to its customers. The program is comprised of multiple initiatives designed to reduce the average time customers are without electricity as a result of vegetation-related interruptions. These include preventive maintenance initiatives (planned cycle and mid-cycle maintenance), corrective maintenance (trouble work and service restoration efforts), customer trim requests, and support of system improvement and expansion projects, which focus on long-term reliability by addressing vegetation that will impact new or upgraded overhead distribution facilities.

FPL's Vegetation Management Distribution Program's practices follow the NESC, the American National Standards Institute ("ANSI") A-300, and all other applicable standards, while considering tree species, growth rates, and the location of trees in proximity to FPL's facilities. Danger or hazard trees (leaning, structurally damaged, or diseased/dead that have a high likelihood to fail and impact FPL's facilities) located outside of right-of-way ("ROW"), which cannot be trimmed without approval from the property owner, are identified as candidates for customer-approved removal.

Finally, a very important component of FPL's vegetation program is providing information to customers to educate them on the company's trimming program and practices, safety issues, and the importance of placing trees in the proper location – FPL's "Right Tree,

[27] *See* Order No. PSC-06-0351-PAA-EI.
[28] *See* Order No. PSC-07-0468-FOF-EI.

Right Place" initiative. Right Tree, Right Place is a public education program based on FPL's core belief that providing reliable electric service and sustaining the natural environment can go hand-in-hand and is a win-win partnership between the utility and its customers.

The SPP will continue FPL's currently-approved distribution vegetation program, which includes the following system-wide vegetation management activities: three-year cycle for feeders; mid-cycle targeted trimming for certain feeders; six-year cycle for laterals; and continued education of customers through its Right Tree, Right Place initiative.

b. Benefits of the Vegetation Management – Distribution Program

In Order No. PSC-07-0468-FOF-EI, the Commission confirmed that FPL should continue to implement three-year and six-year average cycles for its feeders and laterals because the cycles complied with the Commission's storm preparedness objectives to increase the level of trimming over historical levels, promote system reliability and reduce storm restoration costs.[29] Additionally, Commission's orders indicated that FPL's proposed cycles: were cost-effective; would improve day-to-day "tree SAIFI" from 0.22 to 0.16 in ten years;[30] and would provide savings when comparing savings on a customers interrupted ("CI") per storm basis. Further, day-to-day distribution tree SAIFI has significantly improved as a result of FPL implementing its approved distribution vegetation management program (from 0.20 prior to the 2004-2005 storm seasons to 0.08 at year-end 2019).

Finally, another indication that the current program is providing benefits is that, while forensic analysis indicated vegetation was the overwhelming primary cause for pole and wire failures and a significant cause of outages during Hurricanes Matthew and Irma, the vast majority of damage resulted from uprooted trees, broken trunks, and broken limbs

[29] FPL's proposed three-year and six-year cycles were initially approved in Order No. PSC-06-0781-PAA-EI.

[30] The tree-related SAIFI has averaged less than 0.09 over the last few years.

that fell into distribution facilities from outside of right-of-way, *i.e.*, beyond where FPL is currently allowed trim without approval from the property owner.

2. Actual/Estimated Start and Completion Dates

FPL's ongoing vegetation management plan was originally approved in 2007, and remains in place today. Under the SPP, FPL plans to inspect and maintain, on average, approximately 15,200 miles annually, including approximately 11,400 miles for feeders (cycle and mid-cycle) and 3,800 miles for laterals. This is comparable to the approximately 15,200 miles inspected and maintained annually, on average, for 2017-2019.

3. Cost Estimates

The vast majority of vegetation management costs are associated with cycle and mid-cycle trimming, which is performed by several FPL-approved contractors throughout FPL's system. Other vegetation management costs include costs associated with day-to-day restoration activities (*e.g.*, summer afternoon thunderstorms), removals, debris cleanup, and support (*e.g.*, arborists, supervision, back office support). Costs associated with vegetation management are generally operating expenses.

The table below provides a comparison of the 2017-2019 total actual distribution vegetation management costs with the 2020-2022 (first three years of the SPP) total estimated distribution vegetation management costs and the 2020-2029 total estimated distribution vegetation management costs:[31]

	Total Program Costs (millions)	**Annual Average Program Costs (millions)**
2017-2019	$189	$63
2020-2022	$183	$61
2020-2029	$596	$60

Further details regarding the SPP estimated distribution vegetation management costs,

[31] The vegetation management costs shown in the table below exclude storm-related vegetation management costs.

including estimated annual capital expenditures and operating expenses, are provided in Appendix C.[32]

4. Comparison of Costs and Benefits

As provided in Section IV(G)(3) above, during 2020-2029, total costs for FPL's Vegetation Management – Distribution Program average approximately $60 million per year. Benefits associated with the Vegetation Management – Distribution Program discussed in Sections II and IV(G)(1)(b) above, include increased storm resiliency.

5. Criteria Used to Select and Prioritize the Program

The primary reason for maintaining feeders on a three-year average cycle, as opposed to a six-year average cycle for laterals, is that a feeder outage can affect, on average, approximately 1,500 customers as compared to an outage on a lateral line that can affect, on average, approximately 35 customers. FPL enhances its approved feeder inspection and trimming plan through its mid-cycle trimming program, which encompasses patrolling and trimming feeders between planned maintenance cycles to address tree conditions that may cause an interruption prior to the next planned cycle trim. Mid-cycle work units typically have a trim age of 12 to 18 months and usually involve certain fast-growing trees (*e.g.*, palm trees) that need to be addressed before the next scheduled cycle trim date.

Additionally, customers often contact FPL with requests to trim trees around distribution lines in their neighborhoods and near their homes. As a result of these discussions with customers and/or a follow-up investigation, FPL either performs the necessary trimming or determines that the requested trimming can be addressed more efficiently by completing it through the normal scheduled cycle trimming.

Cycle trimming is prioritized annually to ensure compliance with cycle schedules. At this time, FPL has not identified any areas where the Vegetation Management – Distribution Program would not be feasible, reasonable or practical.

[32] *See* footnote 14.

H. Vegetation Management – Transmission Program

1. Description of the Program and Benefits

The Vegetation Management – Transmission Program included in the SPP is a continuation of FPL's existing transmission vegetation management program. Below is an overview of FPL's existing transmission vegetation management program and the associated benefits.

a. Overview of the Vegetation Management - Transmission Program

The North American Electric Reliability Corporation's (NERC) vegetation management standards/requirements serve as the basis for FPL's transmission vegetation management program. The reliability objective of these standards/requirements is to prevent vegetation-related outages that could lead to cascading by utilizing effective vegetation maintenance while recognizing that certain outages such as those due to vandalism, human errors, and acts of nature are not preventable. Transmission lines that must conform with these standards/requirements include lines operated at or above 200 kV or any line that is either an element of the Interconnection Reliability Operating Limit (IROL) or the Western Electricity Coordinating Council (WECC).

For FPL, just over 4,300 miles of its transmission system (or nearly two-thirds of all of FPL's total transmission system) are subject to NERC's vegetation management standards/requirements. NERC's vegetation management standards/requirements include annual inspection requirements, executing 100% of a utility's annual vegetation work plan, and to prevent any encroachment into established minimum vegetation clearance distances ("MVCD").

The key elements of FPL's transmission vegetation management program are to inspect the transmission right-of-ways, document vegetation inspection results and findings, prescribe a work plan, and execute the work plan.

FPL conducts ground inspections of all transmission corridors annually for work planning purposes. During these inspections, FPL identifies vegetation capable of approaching the defined Vegetation Action Threshold ("VAT"). VAT is a calculated distance from the

transmission line that factors in MVCD, conductor sag/sway potential, and a buffer. The identified vegetation is given a work prescription and then prioritized and organized into batches of work, which collectively become the annual work plan.

For transmission lines that are subject to NERC's vegetation management standards/requirements, FPL also uses a technology called "LiDAR," short for light detection and ranging. LiDAR is a remote sensing technology that uses light in the form of a pulsed laser to measure ranges (distances) to a target. For vegetation management purposes, LiDAR is used to measure distance between vegetation and transmission lines. LiDAR patrols are conducted annually for all NERC transmission corridors. Data collected by the LiDAR patrols is then used to develop annual preventative and reactive work plans.

In its SPP, FPL will continue its current transmission vegetation management plan, which includes visual and aerial inspections of all transmission line corridors, LiDAR inspections of NERC transmission line corridors, developing and executing annual work plans to address identified vegetation conditions, and identifying and addressing priority and hazard tree conditions prior to and during storm season.

b. Benefits of the Vegetation Management – Transmission Program

The benefits of a Vegetation Management – Transmission Program are self-evident and the consequences of not having a reasonable transmission vegetation management plan can be extreme. As discussed previously, the transmission system is the backbone of the electric grid. While outages associated with distribution facilities (*e.g.*, a transformer, lateral, or feeder) can result in an outage affecting anywhere from a few customers up to several thousands of customers, a transmission related outage can affect tens of thousands of customers. Additionally, an outage on a transmission facility could cause cascading and result in the loss of service for hundreds of thousands of customers. As such, it is imperative that vegetation impacting transmission facilities be properly maintained using reasonable and appropriate cycles and standards to help ensure they are prepared for storms. For these reasons, it is no surprise that NERC has developed

prescriptive vegetation management requirements for transmission facilities to help prevent such damage from occurring.

FPL also notes that while vegetation-related damage and transmission line outages occurred during Hurricanes Matthew and Irma, the vast majority of such damages/outages were caused by vegetation located outside of the right-of-way, *i.e.*, beyond where FPL is currently allowed to trim without approval from the property owner, which further demonstrates that FPL's historical efforts in this area have been beneficial.

2. Actual/Estimated Start and Completion Dates

FPL's Vegetation Management – Transmission Program is an ongoing program, initiated decades ago. Under the SPP, FPL plans to inspect and maintain, on average, approximately 7,000 miles annually, including approximately 4,300 miles for NERC transmission line corridors and 2,700 miles for non-NERC transmission line corridors. This is comparable to the approximately 7,000 miles inspected and maintained annually, on average, for 2017-2019.

3. Cost Estimates

The vast majority of vegetation management costs are associated with annual inspections and the execution of planned work to address identified conditions, which is performed by several FPL approved contractors throughout FPL's system. Other vegetation management costs include costs associated with day-to-day restoration activities (*e.g.*, summer afternoon thunderstorms), removals, debris cleanup, and support (*e.g.*, arborists, supervision, back office support). Costs associated with vegetation management are generally operating expenses.

The table below provides a comparison of the 2017-2019 total actual transmission vegetation management costs with the 2020-2022 (first three years of the SPP) total estimated transmission vegetation management costs and the 2020-2029 total estimated transmission vegetation management costs:[33]

[33] The vegetation management costs shown in the table below exclude storm-related vegetation management costs.

	Total Program Costs (millions)	**Annual Average Program Costs (millions)**
2017-2019	$27	$9
2020-2022	$27	$9
2020-2029	$96	$10

Further details regarding the SPP estimated transmission vegetation management costs, including estimated annual capital expenditures and operating expenses, are provided in Appendix C.[34]

4. Comparison of Costs and Benefits

As provided in Section IV(H)(3) above, during 2020-2029, total costs for FPL's Vegetation Management – Transmission Program average approximately $10 million per year. Benefits associated with the Vegetation Management – Transmission Program discussed in Sections II and IV(H)(1)(b) above, include increased storm resiliency. The execution of FPL's Vegetation Management – Transmission Program is a significant factor in mitigating damage to transmission facilities and avoiding transmission-related outages.

5. Criteria used to Select and Prioritize the Programs

Priority vegetation conditions and hazard tree conditions are completed annually prior to storm season. Additionally, prior to and during the storm season, FPL conducts aerial inspections of transmission corridors to identify hazard trees and any priority vegetation locations. Priority vegetation conditions and hazard tree conditions identified through aerial inspections are addressed as soon as possible.

At this time, FPL has not identified any areas where the Vegetation Management – Transmission Program would not be feasible, reasonable or practical.

[34] *See* footnote 14.

V. Detailed Information on the First Three Years of the SPP (2020-2022)

A. Detailed Description for the First Year of the SPP (2020)

The following additional information required by Rule 25-6.030(3)(e)(1), F.A.C., for the first year of the SPP (2020) is provided in Appendix E. (1) the actual or estimated construction start and completion dates; (2) a description of the affected existing facilities, including number and type(s) of customers served, historic service reliability performance during extreme weather conditions, and how this data was used to prioritize the storm protection projects; (3) a cost estimate including capital and operating expenses. A description of the criteria used to select and prioritize the storm protection programs is included in the description of each SPP program provided in Section IV.

B. Detailed Description of the Second and Third Years of the SPP (2021-2022)

Additional details required by Rule 25-6.030(3)(e)(2), F.A.C., for the second and third years of the SPP (2021-2022), including the estimated number and costs of projects under every program, is provided in in Appendix C.

C. Detailed Description of the Vegetation Management Activities for the First Three Years of the SPP (2020-2022)

The following additional information required by Rule 25-6.030(3)(f), F.A.C., for the first three years of the vegetation management activities under the SPP (2020-2022) is provided in n Sections IV(G) and IV(H) above and Appendix C: the projected frequency (trim cycle); the projected miles of affected transmission and distribution overhead facilities; the estimated annual labor and equipment costs for both utility and contractor personnel. A description of how the vegetation management activities will reduce outage times and restoration costs due to extreme weather conditions is provided in Sections IV(G) and IV(H) above.

VI. Estimate of Annual Jurisdictional Revenue Requirements for the 2020-2029 SPP

Pursuant to Rule 25-6.030(3)(f), F.A.C., the table below provides the estimated annual jurisdictional revenue requirements for each year of the SPP.

	Estimated Annual Revenue Requirements (millions)
2020	$257.3
2021	$368.8
2022	$494.0
2023	$625.2
2024	$760.6
2025	$877.9
2026	$963.4
2027	$1,036.8
2028	$1,110.7
2029	$1,185.0

While FPL has provided estimated costs by program as of the time of this filing and associated total revenue requirements in its SPP, consistent with the requirements of Rule 25-6.030, F.A.C., subsequent projected and actual program costs submitted for cost recovery through the Storm Protection Plan Cost Recovery Clause (per Rule 25-6.031, F.A.C.,) could vary by as much as 10-15%, which would then also impact associated estimated revenue requirements and rate impacts. The projected costs, actual/ estimated costs, actuals costs, and true-up of actual costs to be included in FPL's Storm Protection

Plan Cost Recovery Clause will all be addressed in subsequent filings in separate storm protection plan cost recovery clause dockets pursuant to Rule 25-6.031, F.A.C.[35]

VII. Estimated Rate Impacts for First Three Years of the SPP (2020-2022)

FPL anticipates the programs included in the SPP will have zero bill impacts on customer bills during the first year of the SPP and only minimal bill increases for years two and three of the SPP. An estimate of hypothetical overall rate impacts for the first three years of the SPP (2020-2022), without regard for the fact that FPL remains under a general base rate freeze pursuant to a Commission-approved settlement agreement through December 31, 2021, as stated in footnote 36 below are based on the total program costs reflected in this filing.[36] The projected costs, actual/estimated costs, actuals costs, and true-up of actual costs to be included in FPL's Storm Protection Plan Cost Recovery Clause will all be addressed in subsequent filings in Storm Protection Plan Cost Recovery Clause dockets pursuant to Rule 25-6.031, F.A.C.[37]

Pursuant to Rule 25-6.031, F.A.C., FPL has not identified any reasonable implementation alternatives that could mitigate the resulting rate impact for each of the first three years of the SPP. As explained above, FPL's SPP is largely a continuation of existing Commission-approved storm hardening programs and initiatives, which have already demonstrated that they have and will continue to provide increased T&D infrastructure resiliency, reduced restoration time, and reduced restoration costs when FPL's system is impacted by severe weather events. Further, as explained above, the estimated costs

[35] The Commission has opened Docket No. 20200092-EI to address Storm Protection Plan Cost Recovery Clause petitions to be filed the third quarter of 2020.

[36] Pursuant to Rule 25-6.030(3)(h), F.A.C., the hypothetical rate impacts for FPL's typical residential, commercial, and industrial customers for the first three years of the SPP (2020-2022) without regard for the fact that FPL remains under a general base rate freeze pursuant to a Commission-approved settlement agreement through December 31, 2021, are as follows for 2020, 2021, and 2022, respectively: Residential (RS-1) $0.00250/kWh, $0.00357/kWh, and $0.00478/kWh; Commercial (GSD-1) $0.81/kW, $1.15/kW, and $1.54/kW; and Industrial (GSLDT-3) $0.05/kW, $0.08/kW and $0.10/kW. These rate impacts are for all programs included in the SPP and are based on the total estimated costs as of the time of this filing, which could vary by as much as 10% to 15%, regardless of whether those costs will be recovered in FPL's Storm Protection Plan Cost Recovery Clause or through base rates.

[37] *See* footnote 34.

for the programs included in FPL's SPP are consistent with the historical costs incurred for the existing storm hardening and storm preparedness programs, which were most recently approved in FPL's 2019-2021 Storm Hardening Plan.

VIII. Conclusion

The Florida Legislature has determined that it is in the State's interest to "strengthen electric utility infrastructure to withstand extreme weather conditions by promoting the overhead hardening of distribution and transmission facilities, undergrounding of certain distribution lines, and vegetation management," and for each electric utility to "mitigate restoration costs and outage times to utility customers when developing transmission and distribution storm protection plans." Section 366.96(1), F.S. Based on these findings, the Florida Legislature concluded that it is in the State's interest for each electric utility to develop and file a SPP for the overhead hardening and increased resilience of electric T&D facilities, undergrounding of electric distribution facilities, and vegetation management. *See* Sections 366.96(1)-(3).

FPL's SPP is a systematic approach to achieve the legislative objectives of reducing restoration costs and outage times associated with extreme weather events and enhancing reliability. As explained above, FPL's SPP is largely a continuation and expansion of its existing and already successful storm hardening and storm preparedness programs previously approved by the Commission, as well as a new storm hardening program to harden certain targeted substations that are susceptible to storm surge or flooding during extreme weather events. Based on the recent experiences of Hurricanes Matthew and Irma, the existing storm hardening programs have a demonstrated and proven track record of mitigating and reducing restoration CMH, outage times, and storm restoration costs, as well as improving day-to-day reliability. FPL's SPP will continue and expand these important benefits to customers and the State.

APPENDIX A

QUESTION:
Please complete the table below summarizing hardened facilities that required repair or replacement as a result of Hurricanes Matthew, Hermine, Irma, Maria, and Nate.

RESPONSE:
FPL does not maintain its accounting records at the level of detail required to provide the requested information as they do not differentiate hardened facilities from non-hardened facilities, nor do they track which assets were repaired. However, FPL does track certain assets, at the total system level, that were requested and replaced during each hurricane as reflected in the tables below. Note, FPL did not track storm repairs/replacements for Hurricanes Maria and Nate as Hurricane Maria did not impact FPL's service territory and Nate had limited impact. Also, Hurricanes Matthew and Irma capital details associated with follow-up work are not yet available by plant account as these costs have not yet been unitized from account 106 to account 101 by plant account.

Hurricane Matthew	**Number of Facilities Requiring**	
	Repair	**Replacement**
Transmission		
Structures	N/A	0
Substations	N/A	0
Total	N/A	0
Distribution		
Poles	N/A	656
Substation	N/A	0
Feeder OH	N/A	0
Feeder UG	N/A	0
Feeder Combined	N/A	0
Lateral OH	N/A	N/A
Lateral UG	N/A	N/A
Lateral Combined	N/A	N/A
Total	N/A	N/A
Service		
Service OH	N/A	N/A
Service UG	N/A	N/A
Service Combined	N/A	N/A
Total	N/A	N/A

Hurricane Hermine	**Number of Facilities Requiring**	
	Repair	**Replacement**
Transmission		
Structures	N/A	0
Substations	N/A	0
Total	N/A	0
Distribution		
Poles	N/A	19
Substation	N/A	0
Feeder OH	N/A	0
Feeder UG	N/A	0
Feeder Combined	N/A	0
Lateral OH	N/A	N/A
Lateral UG	N/A	N/A
Lateral Combined	N/A	N/A
Total	N/A	N/A
Service		
Service OH	N/A	N/A
Service UG	N/A	N/A
Service Combined	N/A	N/A
Total	N/A	N/A

Hurricane Irma	**Number of Facilities Requiring**	
	Repair	**Replacement**
Transmission		
Structures	N/A	0
Substations	N/A	0
Total	N/A	0
Distribution		
Poles	N/A	3,562
Substation	N/A	0
Feeder OH	N/A	0
Feeder UG	N/A	0
Feeder Combined	N/A	0
Lateral OH	N/A	N/A
Lateral UG	N/A	N/A
Lateral Combined	N/A	N/A
Total	N/A	N/A
Service		
Service OH	N/A	N/A
Service UG	N/A	N/A
Service Combined	N/A	N/A
Total	N/A	N/A

Notes:
For Hurricane Matthew, there is a difference of 248 poles between what is provided in this discovery response for total poles replaced (656 poles) and what is provided in FPL's post-storm forensic review report for Hurricane Matthew (provided in FPL's response to Staff's Second Data Request No. 2 in this same docket) for poles that failed and needed to be replaced to restore service (408 poles). The difference is associated with poles replaced during "follow-up" - i.e., poles that were damaged (e.g., a cracked pole) as a result of the storm and needed to be replaced to restore the pole to its pre-storm condition - but did not fail during the storm and, thus, did not need to be replaced to restore service. As mentioned above in FPL's response to this data request, FPL's accounting records do not differentiate hardened facilities from non-hardened facilities and FPL did not track or maintain forensic information on the 248 distribution poles replaced as a result of follow-up work. As a result, FPL does not have a hardened vs. non-hardened breakdown for the 248 distribution poles replaced during follow-up work.

The distribution pole and transmission structure counts provided above represent the amount of pole/structure replacements FPL has recorded on its books and records associated with Hurricane Irma as of December 31, 2017. These amounts should be considered preliminary at this time as they are subject to change (e.g., the counts do not reflect poles that will be replaced during follow-up work, which has yet to be completed).

N/A – Information is not available at this level of detail in FPL's accounting records.

For substations and feeders, FPL has stated 0 since no entire substation or feeder was replaced. However, these facilities consist of many pieces of equipment (e.g., wire, cable, breakers, transformers, cross arms and arrestors) some of which may have been replaced.

2016/2017 Hurricanes - FPL Restoration/Infrastructure Performance

FPL's infrastructure/restoration performance for Hurricanes Matthew (2016) and Irma (2017) demonstrates that the implementation and execution of its FPSC-approved (1) ten storm preparedness initiatives (which includes vegetation management): (2) pole inspection programs; (3) storm hardening plans; and (4) tariffs to incent municipal overhead to underground conversions have provided great benefits to FPL's customers and to the State of Florida.

During 2016 and 2017, FPL's service territory was threatened with massive Category 4 and 5 storms. The size and scale of these storms impacted FPL's infrastructure throughout its entire service territory (which encompasses 35 counties in the State of Florida). For both Matthew and Irma, FPL's infrastructure storm resiliency and smart grid investments resulted in improved infrastructure resiliency performance and reduced restoration times.

2016/2017 Hurricanes - Restoration Performance

FPL saw significant improvements in overall restoration results. As can be seen in the table below, restoration results for Hurricanes Matthew and Irma show significant improvement vs. Hurricane Wilma. FPL attributes these significant improvements in restoration to the investments made to make its system smarter and more storm-resilient as well as its well-tested restoration processes. This includes FPL's distribution and transmission storm hardening and storm preparedness initiatives, pole inspection programs, smart grid initiatives, vegetation management programs and continuous efforts to improve its restoration processes.

	Wilma 2005	Matthew 2016	Irma 2017
Customer Outages	3.2M	1.2M	4.4M
% Restored / days	50% / 5	99% / 2	50% /1
All restored / days	18	4	10
Avg. to restore / days	5.4	<1	2.1

2016/2017 Hurricanes – Infrastructure Performance

To assess the effectiveness of FPL's infrastructure storm hardening investments, the Company utilizes information collected through post-storm forensic data collection and various systems (e.g., FPL's outage management system) to conduct post-storm infrastructure performance analysis. These efforts and analysis allow FPL to quantify and assess its distribution and transmission infrastructure performance including the performance of: hardened and non-hardened facilities; overhead and underground facilities; and smart grid performance. For distribution, this includes reviewing the storm performance of poles, feeders and laterals. For transmission, this includes reviewing the storm performance of poles/structures, line sections and substations. The data demonstrates that hardened infrastructure performed better than non-hardened infrastructure, underground facilities performed better than overhead facilities and smart grid devices prevented a significant number of outages from occurring.

Distribution/Transmission Poles/ Structures Performance

The performance of FPL's approximately 1.2 million distribution and transmission poles/structures during Hurricanes Matthew and Irma was excellent, as hardened poles and structures performed as expected by minimizing outages and reducing restoration times. The total number of distribution/transmission poles that failed (i.e., had to be repaired/replaced in order to restore service) during Hurricanes Matthew and Irma was a mere fraction of 1% of the 1.2 million pole/structure pole population.

Additionally, hardened distribution and transmission pole performance was significantly better than non-hardened pole performance, as hardened pole failures were either non-existent (e.g., Hurricane Matthew) or significantly less than non-hardened pole failures (e.g., during Hurricane Irma, hardened feeder poles had a 0.02% failure rate, while non-hardened feeder poles had a 0.20% failure rate). Also, total poles replaced (i.e., poles that failed + poles that were replaced during follow-up work) were also a mere fraction of 1% of the total pole population and significantly less than the number of poles replaced during Hurricane Wilma.

FPL notes that for Hurricanes Matthew and Irma, while it did track hardened vs. non-hardened pole performance during restoration, it did not track poles replaced (hardened vs. non-hardened) during follow-up work, since these poles had accomplished their intended purpose of not failing during the storms. Therefore, FPL cannot provide the number of hardened poles replaced during follow up work in Hurricanes Matthew and Irma. Based on the performance of hardened poles that failed during these storms (see table below), it is highly unlikely that there would be a significant number of hardened poles, if any, that needed to be replaced during follow-up work. However, going forward, should the Commission want FPL to track replacement of hardened vs. non-hardened poles during follow-up work, FPL will begin to track this information.

FPL attributes this excellent pole performance to its FPSC-approved distribution and transmission storm hardening plan initiatives (e.g., extreme wind load construction standards for distribution poles and replacing wood transmission poles/structures) and its pole inspection programs.

Distribution Poles 12/31/17
Total Number 1,188,202
Total Hardened 124,518*

* This number is understated as it includes only poles hardened as a result of FPL's approved hardening plan projects, as FPL does not track or maintain the number of hardened poles installed as a result of new construction (e.g., new feeders or laterals) and/or daily work activities (e.g., maintenance, pole line extensions, relocation projects). There are also other existing poles throughout FPL's service territory that would currently meet the NESC's extreme wind loading criteria and therefore qualify as a hardened pole, however, FPL does not currently track or maintain that information.

Distribution Pole Failures*	Hardened	Non-Hardened	Total
Matthew - 2016	0	408	408
Irma - 2017	26	2834	2860

*Broken/Fallen poles that must be repaired/replaced to restore service

Transmission Pole/Structures 12/31/17
Total 66, 685
Concrete 60,694 (91%)
Wood 5,991 (9%)

Transmission Pole Failures*	Hardened	Non-Hardened	Total
Matthew - 2016	0	0	0
Irma - 2017	0	5	5

*Broken/Fallen poles that must be repaired/replaced to restore service

Distribution Feeders/Laterals Performance

As demonstrated below, FPL's hardened feeders performed significantly better than non-hardened feeders and underground feeders/laterals performed significantly better than overhead feeders/laterals. Performance was compared considering feeder and lateral outages that occurred during Hurricanes Matthew and Irma. It is also important to note that during Hurricane Irma, the Construction Man Hours ("CMH") to restore hardened feeders was 50% less than non-hardened feeders, primarily due to hardened feeders experiencing less damage than non-hardened feeders.

It is important to note that the majority of outages for overhead facilities resulted from trees that broke and/or fell into FPL's facilities. Many of these trees were outside of easements or public rights of way where FPL is generally allowed to trim. As a result, no additional amount of

traditional tree trimming would help mitigate this issue. Tree damage was particularly impactful on FPL laterals.

The two tables below provide feeder and lateral outage performance statistics for Hurricanes Matthew and Irma.

	Overhead non-Hardened			Overhead Hardened			Underground			Total		
Matthew	Out	Pop	% Out	Out	Pop	% Out	Out	Pop	% Out	Out	Pop	% Out
Distribution Feeders	280	2,031	14%	68	721	9%	11	493	2%	359	3,245	13%
Distribution Laterals	3,473	82,729	4%	N.A.	N.A.	N.A.	238	101,892	0.2%	3,711	184,621	2%

Pop = Population; Lateral population includes laterals with multi-stage fusing

IRMA- 2017	Overhead Non-Hardened			Overhead Hardened			Underground			Total		
	Out	Pop	% Out	Out	Pop	% Out	Out	Pop	% Out	Out	Pop	% Out
Distribution Feeders	1,609	1,958	82%	592	859	69%	85	470	18%	2,286	3,287	70%
Distribution Laterals	20,341	84,574	24%	N.A.	N.A.	N.A.	3,767	103,384	4%	24,108	187,958	13%

Pop = Population; Lateral population includes laterals with multi-stage fusing

FPL notes that, overall, for Hurricane Irma, many more laterals experienced outages compared to feeders, thus laterals required significantly more time to restore (871,000 CMH) compared to feeders (170,000 CMH). FPL continues to promote its Right Tree Right Place initiative and recommends there be changes to state laws and/or local ordinances to restrict the type and location of trees and provide utilities additional trimming rights to address existing tree conditions.[1]

Additionally, FPL notes that day-to-day, hardened feeders perform approximately 40% better than non-hardened feeders.

Transmission Line Sections/Substations Performance

The transmission system's performance was excellent during Hurricanes Matthew and Irma. Equipment and conductor damage was minimal as a result of our investments in transmission hardening and the installation of flood monitoring equipment in those substations located in flood prone areas. Substations that experienced outages were restored in one day. During Hurricanes Matthew and Irma, flood monitoring equipment operated as expected, providing notification which allowed FPL to proactively de-energize three substations (one in Matthew and two in Irma) and prevent potential serious damage from occurring at these substations.

[1] Where municipalities are not actively engaged in ensuring appropriate limitations on planting trees in public rights of way, restoration efforts are impeded and made more costly. In fact, one particular municipality is actively planting "wrong trees in the wrong place," in spite of FPL's direct communications and efforts to encourage its Right Tree Right Place initiative.

The tables below provide substation line section outage performance for Hurricanes Matthew and Irma.

MATTHEW - 2016	Overhead Non-Hardened			Overhead Hardened			Underground			Total		
	Out	Pop	% Out	Out	Pop	% Out	Out	Pop	% Out	Out	Pop	% Out
Trans. Line Sections	16	350	5%	23*	846	3%	0	49	0%	39	1,245	3%

IRMA - 2017	Overhead Non-Hardened			Overhead Hardened			Underground			Total		
	Out	Pop	% Out	Out	Pop	% Out	Out	Pop	% Out	Out	Pop	% Out
Trans. Line Sections	60	306	20%	142**	884	16%	13***	51	25%	215	1241	17%

* 2 sections were out because substation was proactively de-energized due to flooding
** 4 sections were out because substations were proactively de-energized due to flooding
*** No underground section was damaged or failed causing an outage; however, the sections were out due to line termination equipment in substations.

The table below compares substation outage and restoration performance – Irma vs, Wilma.

Substations	Wilma 2005	Irma 2017
De-energized	241	92
Restored (Days)	5	1

Smart Grid Performance

During Hurricane Matthew and Irma, smart grid devices prevented a significant amount of customer outages, assisted with restoration efforts and reduced restoration time and costs. Specifically, automated feeder switches avoided approximately 664,000 outages during Hurricanes Matthew and Irma. Additionally, FPL's restoration crews are able to "ping" smart meters before leaving an area to ensure that power is, in fact, restored. This prevents restoration crews from leaving an area, thinking all power was restored, only to be called back when the customer informs FPL that they are still without service. FPL is also enhancing an application, first utilized during Hurricanes Matthew and Irma, whereby it will be able to "bulk meter ping" smart meters to confirm whether customers have service.

Automated Feeder Switches	Avoided Customer Outages
Matthew - 2016	118,000
Irma - 2017	546,000

Estimate of Storm Restoration Cost Savings Due to Hardening based on Storm Damage Model Simulation

The attached analysis provides an estimate of transmission and distribution storm restoration savings for Hurricanes Matthew and Irma that resulted from storm hardening completed by FPL prior to the storms' impacts. To calculate these savings, FPL utilized its Storm Damage Model (the same model FPL utilizes to estimate damage when a storm approaches FPL's service territory) to simulate damage that likely would have occurred without hardening and determine the associated required construction man hours (CMH) that would have been required to restore service in the absence of hardening, days to restore in the absence of hardening and associated incremental restoration costs. Additionally, FPL calculated the 40-year net present value of these savings for two scenarios – (1) a similar storm occurs every 3 years; and (2) a similar storm occurs every 5 years.

As indicated on the attached analysis, the 40-year net present values of the savings related to storm hardening are significant. In the absence of hardening the estimated percentage increase in CMHs for Hurricane Matthew and Hurricane Irma restoration would have been significantly higher (36% and 40%, respectively), days to restore would have been increased (50% and 40%, respectively) and restoration costs would have been greater (36% and 40%, respectively).

Florida Power & Light Company
Docket No. 20170215-EU
Staff's First Data Request
Request No. 29 - Third Supplemental Amended
Attachment No. 1
Tab 1 of 5

Estimate of Storm Restoration Cost Savings Due to Hardening based on Storm Damage Model Simulation

	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]	[13]	[14]
	Construction Man-Hours (CMH)				Days to Restore				Storm Restoration Costs (Millions)				40 Yr NPV Savings (2017$)	
Storm	Actual	Modeled System Without Hardening	Additional CMH without Hardening	% Increase without Hardening	Actual	Modeled System Without Hardening	Additional Days to Restore without Hardening	% Increase without Hardening	Actual	Modeled System Without Hardening	Additional Storm Restoration Costs without Hardening	% Increase without Hardening	40 Yr NPV Savings Every 3 Years (2017$)	40 Yr NPV Savings Every 5 Years (2017$)
Matthew	257,000	350,000	93,000	36%	4	6	2	50%	$290	$395	$105	36%	$653	$406
Irma	1,195,000	1,678,000	483,000	40%	10	14	4	40%	$1,226	$1,722	$496	40%	$3,082	$1,915

Notes:

All costs and CMH are Transmission and Distribution only, and exclusive of follow-up work

[1] Calculated based on actual storm restoration requirements
[2] FPL storm damage model simulation results of CMH incurred without hardening
[3] Additional CMH without hardening (Col. 2 - Col. 1)
[4] Percent increase in CMH without hardening (Col. 3/Col. 1)
[5] Actual days to restore service
[6] Storm damage model simulation result of the days to restore service without hardening (assumes same restoration resources as actual)
[7] Additional days to restore without hardening (Col. 6 - Col. 5)
[8] Percent increase in days to restore without hardening (Col. 7/Col. 5)
[9] Actual cost of restoration. Irma costs are preliminary
[10] Storm damage model simulation result of restoration costs without hardening
[11] Additional restoration costs without hardening (Col. 10 - Col. 9)
[12] Percent increase in restoration costs without hardening ((Col. 11/Col. 9)
[13] 40 year net present value savings assuming a similar storm every three years (calculation details attached)
[14] 40 year net present value savings assuming a similar storm every five years (calculation details attached)

Florida Power & Light Company
Docket No. 20170215-EU
Staff's First Data Request
Request No. 29 - Third Supplemental Amended
Attachment No. 1
Tab 2 of 5

Estimated Storm Restoration Costs Savings due to Hardening ($MM)

	Matthew Savings	
	Every 3 years	Every 5 years
40-Year NPV (2017$)	**$653**	**$406**

Discount Rate = 7.76%

	Matthew Savings			CPI	
Year	Every 3 years	Every 5 years	CPI	Multiplier	Matthew
1	$105	$105	2.1%	1.000	$105
2	$0	$0	2.4%	1.024	$107
3	$0	$0	2.4%	1.049	$110
4	$113	$0	2.6%	1.076	$113
5	$0	$0	2.7%	1.105	$115
6	$0	$118	1.7%	1.124	$118
7	$121	$0	2.5%	1.152	$121
8	$0	$0	2.4%	1.179	$124
9	$0	$0	2.3%	1.206	$127
10	$130	$0	2.2%	1.233	$130
11	$0	$133	2.2%	1.260	$133
12	$0	$0	2.2%	1.288	$136
13	$139	$0	2.2%	1.317	$139
14	$0	$0	2.2%	1.346	$143
15	$0	$0	2.2%	1.375	$146
16	$150	$150	2.1%	1.404	$150
17	$0	$0	2.1%	1.434	$153
18	$0	$0	2.1%	1.464	$157
19	$161	$0	2.1%	1.495	$161
20	$0	$0	2.1%	1.526	$165
21	$0	$169	2.1%	1.558	$169
22	$173	$0	2.1%	1.590	$173
23	$0	$0	2.1%	1.623	$177
24	$0	$0	2.1%	1.656	$181
25	$185	$0	2.1%	1.691	$185
26	$0	$190	2.1%	1.727	$190
27	$0	$0	2.1%	1.763	$194

28	$199	$0	2.1%	1.801	$199
29	$0	$0	2.2%	1.840	$204
30	$0	$0	2.2%	1.880	$209
31	$214	$214	2.1%	1.920	$214
32	$0	$0	2.2%	1.962	$219
33	$0	$0	2.1%	2.004	$224
34	$230	$0	2.1%	2.047	$230
35	$0	$0	2.1%	2.090	$235
36	$0	$241	2.1%	2.135	$241
37	$246	$0	2.1%	2.180	$246
38	$0	$0	2.1%	2.226	$252
39	$0	$0	2.1%	2.274	$258
40	$265	$0	2.1%	2.322	$265
NPV (2017$)	**$653**	**$406**			

Florida Power & Light Company
Docket No. 20170215-EU
Staff's First Data Request
Request No. 29 - Third Supplemental Amended
Attachment No. 1
Tab 3 of 5

Estimated Storm Restoration Costs Savings due to Hardening ($MM)

	Irma Savings	
	Every 3 years	Every 5 years
40-Year NPV (2017$)	**$3,082**	**$1,915**

Discount Rate = 7.76%

	Matthew Savings			CPI	
Year	Every 3 years	Every 5 years	CPI	Multiplier	Irma
1	$496	$496	2.1%	1.000	$496
2	$0	$0	2.4%	1.024	$507
3	$0	$0	2.4%	1.049	$520
4	$532	$0	2.6%	1.076	$532
5	$0	$0	2.7%	1.105	$545
6	$0	$558	1.7%	1.124	$558
7	$571	$0	2.5%	1.152	$571
8	$0	$0	2.4%	1.179	$585
9	$0	$0	2.3%	1.206	$599
10	$613	$0	2.2%	1.233	$613
11	$0	$628	2.2%	1.260	$628
12	$0	$0	2.2%	1.288	$643
13	$659	$0	2.2%	1.317	$659
14	$0	$0	2.2%	1.346	$674
15	$0	$0	2.2%	1.375	$691
16	$707	$707	2.1%	1.404	$707
17	$0	$0	2.1%	1.434	$724
18	$0	$0	2.1%	1.464	$742
19	$759	$0	2.1%	1.495	$759
20	$0	$0	2.1%	1.526	$778
21	$0	$796	2.1%	1.558	$796
22	$815	$0	2.1%	1.590	$815
23	$0	$0	2.1%	1.623	$835
24	$0	$0	2.1%	1.656	$855
25	$876	$0	2.1%	1.691	$876
26	$0	$897	2.1%	1.727	$897
27	$0	$0	2.1%	1.763	$918

28	$940	$0	2.1%	1.801	$940
29	$0	$0	2.2%	1.840	$963
30	$0	$0	2.2%	1.880	$986
31	$1,009	$1,009	2.1%	1.920	$1,009
32	$0	$0	2.2%	1.962	$1,034
33	$0	$0	2.1%	2.004	$1,058
34	$1,084	$0	2.1%	2.047	$1,084
35	$0	$0	2.1%	2.090	$1,110
36	$0	$1,136	2.1%	2.135	$1,136
37	$1,164	$0	2.1%	2.180	$1,164
38	$0	$0	2.1%	2.226	$1,192
39	$0	$0	2.1%	2.274	$1,220
40	$1,250	$0	2.1%	2.322	$1,250
NPV (2017$)	**$3,082**	**$1,915**			

Florida Power & Light Company
Docket No. 20170215-EU
Staff's First Data Request
Request No. 29 - Third Supplemental Amended
Attachment No. 1
Tab 4 of 5

FPL
WEIGHTED AVERAGE COST OF CAPITAL

STATE INCOME TAX	5.50%
FEDERAL INCOME T	21.00%
COMPOSITE INCOME TAX RAT	25.35%

MODEL DATE:	1-Jan-18

Debt Cost Based on Blue Chip Corporate Aaa and Bbb Bonds

SOURCE	WEIGHT[1]	COST[2]	/TD COST	AFTER TAX /TD COST	PRE TAX /TD COST
DEBT	40.40%	4.88%	1.97%	1.47%	1.97%
COMMON	59.60%	10.55%	6.29%	6.29%	8.42%
TOTAL	100.00%		8.26%	**7.76%**	10.39%

AFTER-TAX WACC	**7.76%**

Florida Power & Light Company
Docket No. 20170215-EU
Staff's First Data Request
Request No. 29 - Third Supplemental Amended
Attachment No. 1
Tab 5 of 5
Consumer Prices (1982-84=1.000) All-Urban
(Forecast adjusted to match budget assumptions)

	Index	% Change	Budget Assumptions
2009	2.1454		
2010	2.1806	1.64%	
2011	2.2494	3.16%	
2012	2.2959	2.07%	
2013	2.3296	1.46%	
2014	2.3674	1.62%	
2015	2.3702	0.12%	
2016	2.4001	1.26%	
2017	2.4512	2.13%	
2018	2.5100	2.40%	2.40%
2019	2.5703	2.40%	2.40%
2020	2.6371	2.60%	2.60%
2021	2.7083	2.70%	2.70%
2022	2.7553	1.73%	
2023	2.8231	2.46%	
2024	2.8909	2.40%	
2025	2.9569	2.28%	
2026	3.0228	2.23%	
2027	3.0895	2.21%	
2028	3.1573	2.19%	
2029	3.2270	2.21%	
2030	3.2981	2.20%	
2031	3.3693	2.16%	
2032	3.4411	2.13%	
2033	3.5142	2.12%	
2034	3.5887	2.12%	
2035	3.6642	2.10%	
2036	3.7408	2.09%	
2037	3.8187	2.08%	
2038	3.8972	2.06%	
2039	3.9779	2.07%	
2040	4.0603	2.07%	
2041	4.1449	2.08%	
2042	4.2324	2.11%	
2043	4.3226	2.13%	
2044	4.4153	2.15%	
2045	4.5104	2.15%	
2046	4.6077	2.16%	

2047	4.7067	2.15%
2048	4.8099	2.19%
2049	4.9122	2.13%
2050	5.0167	2.13%
2051	5.1233	2.13%
2052	5.2323	2.13%
2053	5.3435	2.13%
2054	5.4572	2.13%
2055	5.5732	2.13%
2056	5.6917	2.13%
2057	5.8128	2.13%

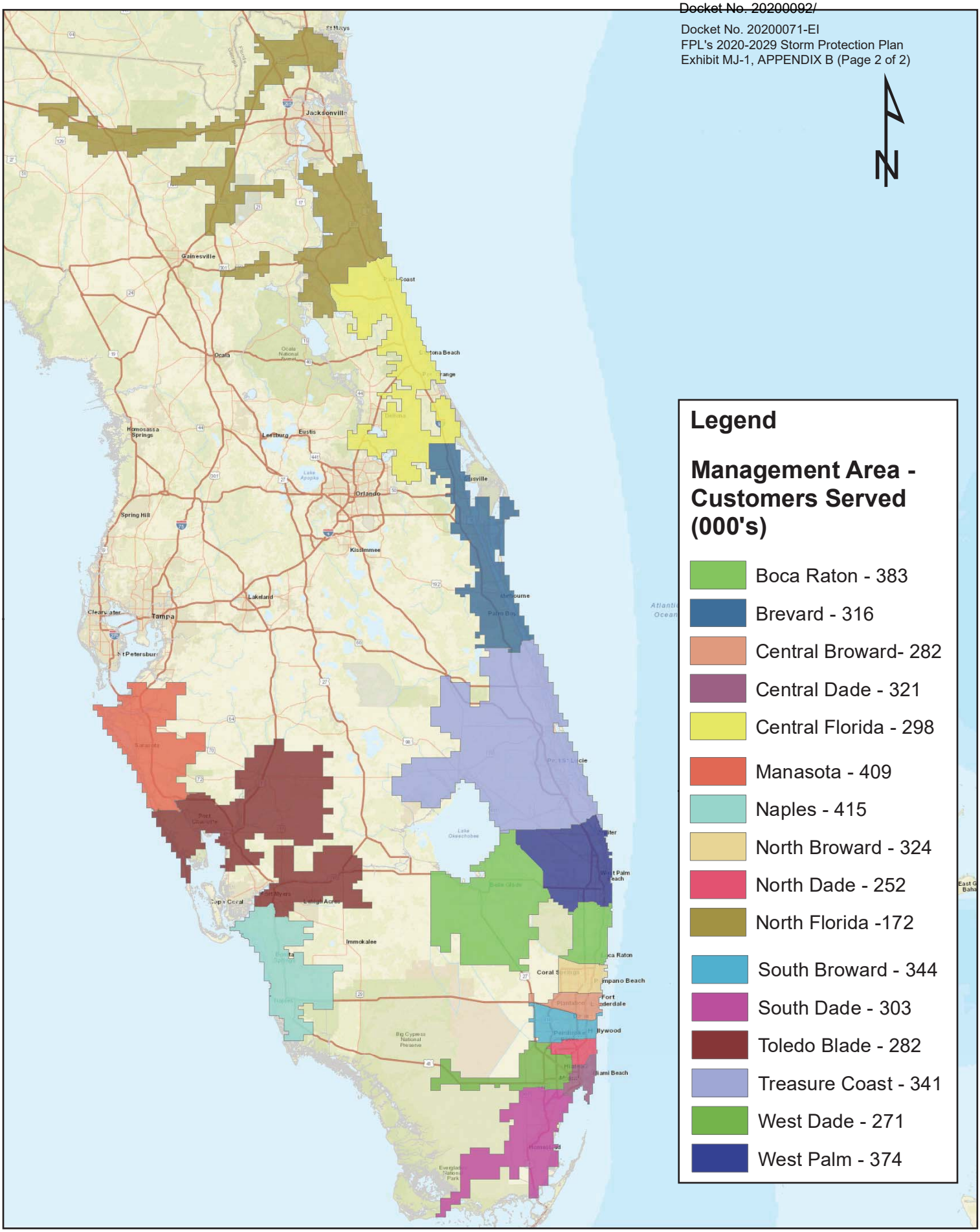
Actuals thru 2017 from BLS

APPENDIX B

(FPL's Management Areas)

Docket No. 20200092/

Docket No. 20200071-EI
FPL's 2020-2029 Storm Protection Plan
Exhibit MJ-1, APPENDIX B (Page 2 of 2)



Legend

Management Area - Customers Served (000's)

- Boca Raton - 383
- Brevard - 316
- Central Broward- 282
- Central Dade - 321
- Central Florida - 298
- Manasota - 409
- Naples - 415
- North Broward - 324
- North Dade - 252
- North Florida -172
- South Broward - 344
- South Dade - 303
- Toledo Blade - 282
- Treasure Coast - 341
- West Dade - 271
- West Palm - 374

Management Area / Customers Served

0 20 40 80 120 Miles

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APPENDIX C

(FPL's 2020-2029 Estimated SPP Costs)

2020-2029 FPL SPP Program Costs/Activities

($ in millions)

FPL SPP Programs	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total SPP Costs	Annual Average Cost
Distribution - Pole Inspections												
Operating Expenses	$ 3.8	$ 3.8	$ 3.8	$ 3.8	$ 3.8	$ 3.9	$ 3.9	$ 4.0	$ 4.1	$ 4.2	**$ 39.1**	$ 3.9
Capital Expenditures	$ 50.7	$ 54.1	$ 54.1	$ 55.3	$ 55.3	$ 56.4	$ 57.8	$ 59.3	$ 60.8	$ 62.3	**$ 566.1**	$ 56.6
Total	$ 54.5	$ 57.9	$ 57.9	$ 59.0	$ 59.1	$ 60.3	$ 61.8	$ 63.3	$ 64.9	$ 66.5	**$ 605.2**	$ 60.5
# of Pole Inspections	150,000	150,000	154,000	154,000	154,000	154,000	154,000	154,000	154,000	154,000		
Transmission - Inspections												
Operating Expenses	$ 1.3	$ 1.0	$ 1.0	$ 1.0	$ 1.0	$ 1.0	$ 1.0	$ 1.0	$ 1.0	$ 1.0	**$ 10.5**	$ 1.0
Capital Expenditures	$ 34.5	$ 31.2	$ 27.9	$ 67.5	$ 54.6	$ 52.0	$ 53.3	$ 54.6	$ 56.0	$ 57.4	**$ 489.0**	$ 48.9
Total	$ 35.8	$ 32.2	$ 28.9	$ 68.5	$ 55.6	$ 53.0	$ 54.3	$ 55.7	$ 57.0	$ 58.4	**$ 499.5**	$ 50.0
# of Structure Inspections	68,000	68,000	68,000	68,000	68,000	68,000	68,000	68,000	68,000	68,000		
Distribution - Feeder Hardening (1) (2)												
Operating Expenses												
Capital Expenditures	$ 628.1	$ 664.9	$ 664.9	$ 573.3	$ 474.5	$ 200.0	$ -	$ -	$ -	$ -	**$ 3,205.8**	$ 534.3
Total	$ 628.1	$ 664.9	$ 664.9	$ 573.3	$ 474.5	$ 200.0	$ -	$ -	$ -	$ -	**$ 3,205.8**	$ 534.3
# of Feeders (3)	300-350	300-350	300-350	300-350	250-350							
Distribution Lateral Hardening (1) (2)												
Operating Expenses												
Capital Expenditures	$ 120.4	$ 212.5	$ 342.8	$ 475.6	$ 631.4	$ 631.4	$ 647.2	$ 663.4	$ 679.9	$ 696.9	**$ 5,101.4**	$ 510.1
Total	$ 120.4	$ 212.5	$ 342.8	$ 475.6	$ 631.4	$ 631.4	$ 647.2	$ 663.4	$ 679.9	$ 696.9	**$ 5,101.4**	$ 510.1
# of Laterals (3)	220-230	300-350	400-500	600-700	800-900	800-900	800-900	800-900	800-900	800-900		
Transmission - Replacing Wood Structures												
Operating Expenses	0.2	$ 0.2	$ 0.2	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 0.6**	$ 0.2
Capital Expenditures	$ 52.7	$ 42.7	$ 21.9	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 117.3**	$ 39.1
Total	$ 52.9	$ 42.9	$ 22.1	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 117.9**	$ 39.3
# of Structures to be Replaced	900-1,100	500-700	300-500									
Distribution - Vegetation Management												
Labor - Contractor	$ 47.7	$ 47.8	$ 46.9	$ 46.9	$ 47.1	$ 47.1	$ 46.3	$ 45.5	$ 44.6	$ 43.8	**$ 463.7**	$ 46.4
Labor - FPL	$ 1.3	$ 1.4	$ 1.4	$ 1.5	$ 1.5	$ 1.6	$ 1.5	$ 1.5	$ 1.5	$ 1.5	**$ 14.7**	$ 1.5
Equipment - Contractor	$ 11.9	$ 12.0	$ 11.7	$ 11.7	$ 11.8	$ 11.8	$ 11.6	$ 11.4	$ 11.2	$ 11.0	**$ 115.9**	$ 11.6
Equipment - FPL	$ 0.1	$ 0.1	$ 0.1	$ 0.1	$ 0.1	$ 0.1	$ 0.1	$ 0.1	$ 0.1	$ 0.1	**$ 1.4**	$ 0.1
Total	$ 61.1	$ 61.3	$ 60.2	$ 60.2	$ 60.6	$ 60.6	$ 59.5	$ 58.5	$ 57.4	$ 56.4	**$ 595.7**	$ 59.6
# of Miles Maintained	15,200	15,200	15,200	15,200	15,200	15,200	15,200	15,200	15,200	15,200		
Transmission - Vegetation Management												
Labor - Contractor	$ 6.7	$ 6.7	$ 6.6	$ 6.7	$ 7.2	$ 7.2	$ 7.4	$ 7.6	$ 7.8	$ 7.9	**$ 71.7**	$ 7.2
Labor - FPL	$ 0.5	$ 0.5	$ 0.5	$ 0.5	$ 0.5	$ 0.6	$ 0.6	$ 0.6	$ 0.6	$ 0.6	**$ 5.3**	$ 0.5
Equipment - Contractor	$ 1.7	$ 1.7	$ 1.7	$ 1.7	$ 1.8	$ 1.8	$ 1.8	$ 1.9	$ 1.9	$ 2.0	**$ 17.9**	$ 1.8
Equipment - FPL	$ 0.1	$ 0.1	$ 0.1	$ 0.1	$ 0.1	$ 0.1	$ 0.1	$ 0.1	$ 0.1	$ 0.2	**$ 1.4**	$ 0.1
Total	$ 9.0	$ 8.9	$ 8.9	$ 9.0	$ 9.7	$ 9.7	$ 9.9	$ 10.2	$ 10.4	$ 10.7	**$ 96.4**	$ 9.6
# of Miles Maintained	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000		
Substation Storm surge/Flood Mitigation												
Operating Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	
Capital Expenditures	$ 3.0	$ 10.0	$ 10.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 23.0**	$ 7.7
Total	$ 3.0	$ 10.0	$ 10.0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ 23.0**	$ 7.7
# of Substations	1	2	5 to 7									
Total SPP Costs	**$ 964.7**	**$ 1,090.7**	**$ 1,195.8**	**$ 1,245.6**	**$ 1,290.9**	**$ 1,014.9**	**$ 832.7**	**$ 851.0**	**$ 869.7**	**$ 889.0**	**$ 10,245.0**	**$ 1,271.1**

(1) Project level detail for 2020 in Appendix

(2) Costs include previous year(s) projects carried over to current year's project costs and future year's preliminary project costs (e.g., engineering)

(3) # of feeders or lateral to be initiated in the current year

APPENDIX D

(FPL's Hardening Design Guidelines)

FPL

Distribution Design Guidelines

The following **guidelines** will be used to standardize the design of FPL's overhead distribution facilities **when practical, feasible, and cost effective**.

General

1. FPL has made a change to adopt Extreme Wind loading (EWL) as the design criteria for: (1) new pole line construction, (2) pole line extensions, (3) pole line relocations, (4) feeder pole replacements on multi-circuit pole lines, and (5) feeder pole replacements on Top-CIF feeders. Reference the Pole Sizing section (pg. 7) for the guidelines to determine the necessary pole class and type for all work. Refer to the Distribution Engineering Reference Manual Addendum for calculating pole sizes for specific framing under extreme wind loading conditions.

2. For maintenance, existing non-top-CIF pole lines may be evaluated using NESC combined ice and wind loading with Grade B construction. This represents the loading prior to the adoption of extreme wind loading. If the pole must be replaced, refer to the Pole Sizing section for the minimum class pole to be installed. Refer to the Distribution Engineering Reference Manual (DERM) Section 4 for calculating pole sizes for specific framing under the NESC combined ice and wind loading conditions.

3. Every attempt should be made to place new or replacement poles in private easements or as close to the front edge of property (right of way line) as practical.

4. Overhead pole lines should be placed in front lot lines or accessible locations where feasible.

5. When replacing poles, the new pole should be set as close as possible to the existing pole to avoid the creation of a new pole location.

6. Poles are not to be placed in medians.

7. Concrete poles are not to be placed in inaccessible locations or locations that could potentially become inaccessible.

8. Please reference the minimum setting depth charts located in DCS D-3.0.0 which shows the increased setting depths for concrete poles.

9. Every effort should be made not to install poles in sidewalks. If a pole must be placed in a sidewalk, a minimum unobstructed sidewalk width of 32" must be maintained to comply with the American Disabilities Act (ADA) requirements.

10. If concrete poles are required by the governing agency as a requirement of the permit, and if the work is being done solely for FPL purposes (feeder tie, etc.), then the concrete

poles are installed with no differential charges. If the concrete poles are required as a condition of the permit, and the work is being done at the request of a customer (and fall outside the Pole Sizing Guidelines) to provide service to the customer or relocation by request of the customer, then the customer is charged a differential cost for the concrete poles.

11. When installing new OH secondary spans, multiplexed cable should be used instead of open wire secondary. When reconductoring or relocating existing pole lines containing open wire secondary, replace the open wire with multiplexed cable whenever possible. The system neutral should not be removed when replacing open wire secondary with multiplexed cable if primary wire is present. It is necessary to maintain a separate system neutral for operational continuity of the system.

12. When designing overhead facilities where secondary and service crossings exist across major roadways, the engineer should take into consideration placing these secondary street crossings underground. Operations Director Approval is required.

13. Whenever extending a feeder, reconductoring a feeder section, or attaching a device to a feeder, always reference the nearest existing disconnect switch number on the construction drawing and show the dimension to the switch. This will aid the Control Centers in updating their switching system and will aid AMG in updating AMS, as well as provide the Production Lead and Distribution Tech information needed for switching and RC Off requests.

14. When an overhead feeder crosses any obstacle to access (i.e. – water bodies such as rivers, canals, swamps; limited access R/W such as interstate highways, turnpikes, and expressways; etc.) disconnect switches should be placed on both sides of the obstacle in order to isolate the crossing in the event of a wiredown situation. See the example in the Crossing Multi-Lane Limited Access Highways section (pg. 5).

15. Projects that affect or extend feeder conductors should always be coordinated with Distribution Planning to ensure optimization of the distribution grid. Taking into account future feeder plans such as, feeder boundary changes, sectionalizing devices, integration of automation and remotely controlled protection.

As always, good engineering judgment, safety, reliability, and cost effectiveness should be considered. In addition to these guidelines, all distribution facilities shall be engineered to meet the minimum requirements set forth in all applicable standards and codes including but not limited to the National Electrical Safety Code (NESC), Utility Accommodation Guide, and FPL Distribution Construction Standards. Please contact a Distribution Construction Services (DCS) analyst with any questions.

FPL

New Construction

1. When installing a new feeder, lateral, or service pole, reference the Pole Sizing section for the guidelines to determine the necessary pole class and type to meet Extreme Wind Loading (EWL) for the wind zone region (105, 130, or 145 MPH).

2. Modified Vertical is the preferred framing for accessible locations. Post-top (single phase) or Cross Arm (multi-phase) is the preferred framing for inaccessible locations.

3. During the design of new pole lines in developed areas, field visits should be conducted to ensure the design would cause minimum impact to the existing property owners.

4. Overhead pole lines should not be built on both sides of a roadway unless agreed to by the customer nor should multi-circuit pole lines be created. When designing main feeder routes all viable options must be reviewed (including alternative routes) and consideration should be given to constructing the line underground. If undergrounding is chosen and it is not the least cost option, approval is required from the Engineering & Technical Services Director and the Operations Director. In addition, prior to proceeding with any pole lines on both sides of a street or any multi-circuit feeder design recommendations, Operations Director approval is required.

5. When there is an existing pole line in the rear easement, every effort should be made not to build a second pole line along the right of way.

6. When installing a pole line within a transmission line, accessible distribution poles should be concrete. Distribution concrete poles should not be installed in inaccessible locations.

7. If concrete distribution poles are installed in a concrete transmission line, there is no additional charge to the customer (the concrete poles are FPL's choice and not requested by the customer). Coordination between the transmission and distribution design is critical and consideration should be given to a design with all transmission poles versus distribution intermediate poles. This approach will reduce the overall number of poles.

8. When transmission is overbuilding (concrete structures), along an existing distribution corridor, if the distribution wood poles are in good condition, do not replace. If wood poles need to be changed out or relocated, replace with concrete poles to match the transmission pole type. Coordination between the transmission and distribution design is critical and consideration should be given to a design with all transmission poles versus distribution intermediate poles. This approach will reduce the overall number of poles.

FPL

Existing / Maintenance

1. When installing and/or replacing a feeder, lateral, or service pole on an existing pole line, reference the Pole Sizing section for the guidelines to determine the necessary pole class and type.

2. When installing or replacing a feeder pole on a feeder that serves a Top-CIF customer, ensure the new pole will meet extreme wind loading (versus just a minimum class 2 or IIIH pole) so that it will not have to be replaced when the feeder is hardened as a hardening project. Please reference the Storm Secure Hardening SharePoint Site: Distribution > Central Maintenance > Central Contractor Services > Hardening > Reports > Feeder Prioritization_xxxxxx Snapshot for the list of Top-CIF feeders within the Prioritization File.

3. When extending pole lines, the existing pole type should be used as a guide for the new pole type. If concrete poles are requested by the customer or are required as a condition of the permit and fall outside the Pole Sizing Guidelines, the customer will pay a differential charge for the concrete poles.

4. When replacing pole(s) and anchor(s) with larger self-supporting concrete poles, caution should be used, as the property owners in the vicinity of the pole will not necessarily perceive this concrete pole as a better choice.

5. When replacing poles on a multi-circuit feeder the replacement pole should be designed for Extreme Wind Loading using Pole Foreman to calculate the wind loading.

Relocations

1. When relocating a pole line, reference the Pole Sizing section for the guidelines to determine the necessary pole class and type to meet Extreme Wind Loading (EWL) for the wind zone region (105, 130, or 145 MPH).

2. When relocating either a concrete or wood pole line for a highway improvement project, the existing pole line 'type' should be used as a guide for the pole type replacements. There is no additional charge for concrete poles if the existing poles being relocated are concrete (like for like relocation). If the customer requests an "upgrade" to concrete poles, a differential is charged.

3. Reimbursable relocations will equal the cost to relocate the line built to Extreme Wind Loading (plus removal of old), including indirect cost.

4. Agency relocation projects should be coordinated with Distribution Planning to ensure optimization of the distribution grid and to take into account future feeder plans and potential feeder boundary changes.

FPL

Crossing Multi-Lane Limited Access Highways

The following guidelines are to be used when an overhead feeder crosses any obstacle to access (i.e. –limited access R/W such as interstate highways, turnpikes, and expressways, etc.). Similar consideration can be given to water bodies such as rivers, canals, swamps.

1. Underground installation is the preferred design for all new crossings (1, 2, 3 phase) of multi-lane limited access highways & hardening of existing crossings; reference Fig 1. Limited Access Highway Crossing Schematic (Preferred). If underground construction is not feasible, reference Fig 2. Limited Access Highway Crossing Schematic (Alternate).

2. Underground crossing for 1 & 2 phases should be designed for potential three phase feeder size cable. Ensure riser poles meet or exceed extreme wind design for the designated region. For further information, please contact the CMC Hardening Group.

3. For accessible overhead crossings, use concrete poles (III-H or greater square concrete pole) for the crossing poles and minimum Class 2 wood poles for the intermediate poles. For inaccessible overhead crossings, minimum Class 2 wood poles should be used for the crossing and intermediate poles. All poles installed should meet or exceed EWL for the designated region.

4. Every attempt should be made to install storm guys & back guys for the highway crossing poles. Storm guys are not required on the adjacent poles.

5. Frame the highway crossing pole double dead-end (See LOC 2 & 3 Fig 2 below).

6. Install disconnect switches on adjacent poles on both sides of the crossing (or as required by field conditions) to isolate the feeder section for restoration. Switches are to be installed in **accessible** locations that can be reached with readily available aerial equipment. Switches should be installed at ~42 Above Grade (AG), with a maximum pole size of 50' wood or 55' concrete. If there is no load between the nearest existing switch and the crossing, an additional switch is not required.

7. Check for uplift on all poles. Refer to DERM Section 4.2.3 Page 4 of 16 & DCS E-4.0.2 and E-4.0.3. Back guys should be installed at the adjacent pole if required for uplift.

8. Ensure to maintain proper clearance above or under all highways as dictated by the owner of the R/W & DCS B-3.0.1.

9. Any conductors crossing the highway that have splices should be replaced with a continuous conductor (NESC 261H2a). See Fig 2 below for additional notes on the use of splices on adjacent spans. One additional set of dead-end insulators at the highway crossing pole may be used if this eliminates the need for splices when installing a new pole.

10. Engineers must conduct a pre-design meeting with the Production Lead to ensure the feasibility of the proposed design.

11. As always, use good engineering judgment to produce a quality, cost-effective design.

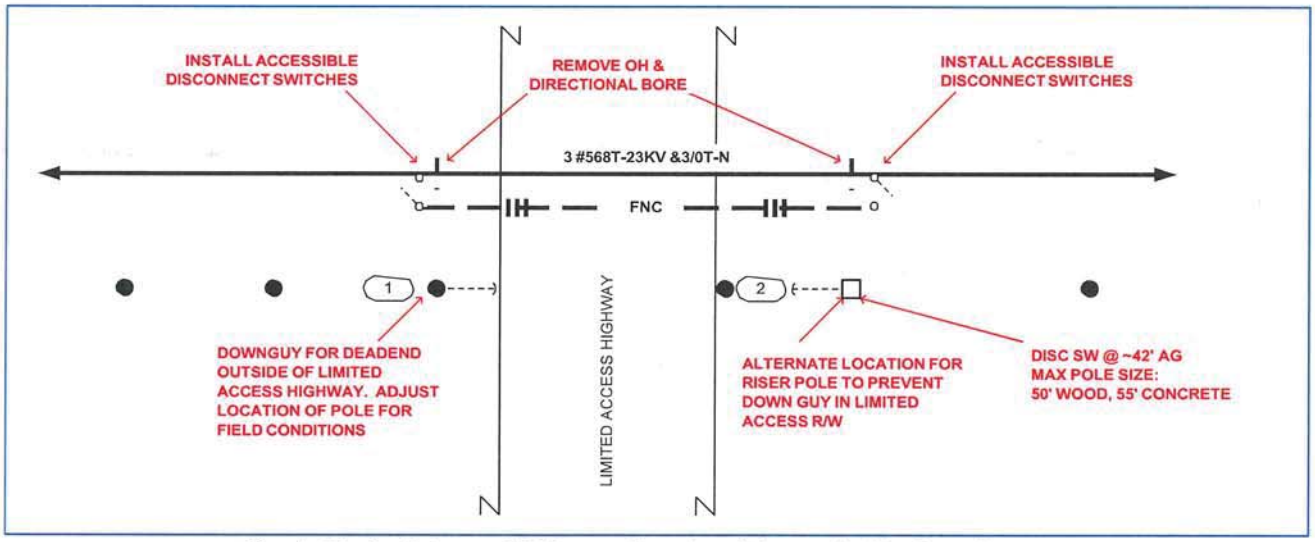


Fig 1. **Limited Access Highway Crossing Schematic (Preferred)**

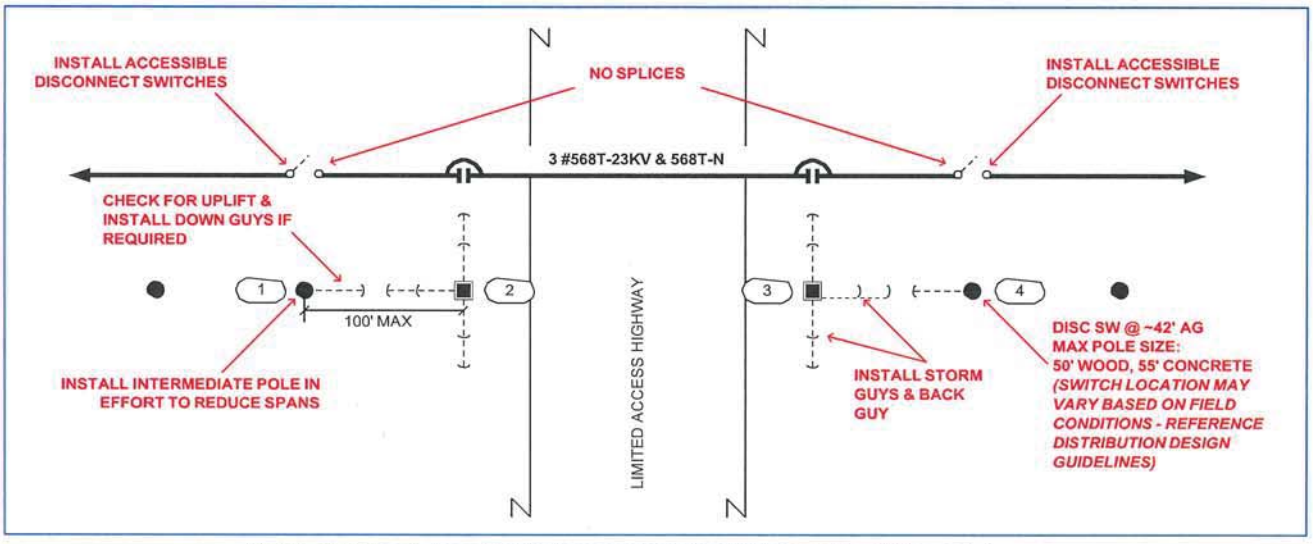


Fig 2. **Limited Access Highway Crossing Schematic (Alternate)**

FPL

Pole Sizing

1. FPL has made a change to adopt Extreme Wind loading (EWL) as the design criteria for: (1) new pole line construction, (2) pole line extensions, (3) pole line relocations, (4) feeder pole replacements on multi-circuit pole lines, and (4) feeder pole replacements on Top-CIF feeders. Reference the Pole Sizing Guidelines (at the end of this section) to determine the necessary pole class and type.

2. When installing or replacing a feeder pole on a feeder that serves a Top-CIF customer, ensure the new pole will meet the extreme wind design (versus just a minimum class 2 or IIIH pole) so that it will not have to be replaced when the feeder is hardened as a hardening project. Please reference the Storm Secure SharePoint Site: Distribution > Central Maintenance > Central Contractor Services > Hardening > Reports > Feeder Prioritization_xxxxxx Snapshot for the list of Top-CIF feeders within the Prioritization File.

3. For maintenance, existing non-top-CIF pole lines may be evaluated using NESC combined ice and wind loading with Grade B construction. This represents the loading prior to the adoption of extreme wind loading. If the pole must be replaced, refer to the Pole Sizing Guidelines for the minimum class pole to be installed.

4. When performing work on an existing pole, and the pole requires change out (e.g., clearance height, location, condition, or the ability to support the planned activity), use the Pole Selection Guidelines. If the planned work can be done without changing out the pole and the pole meets minimum NESC grade B wind loading guidelines, use the existing pole(s).

5. Foreign pole owners are required to discuss design requirements with FPL prior to construction. FPL will assist with identifying the targeted poles.

6. Efforts should be made to ensure that span distances do not exceed 250 ft. for wood poles and 350 ft. for concrete poles even if longer spans would meet the Extreme Wind Loading requirements.

7. Concrete poles are preferred in the cases where replacement costs would be extremely high (i.e. duct system riser pole, corner poles with multiple circuits, critical poles, etc.). No differential is charged for poles in this case.

FPL

Lateral Pole Policy

1. All existing poles must meet NESC grade "B" as an absolute minimum.
2. If a pole is modified in any way, it must meet NESC grade "B" at a minimum when completed.
3. If you become aware of a pole which does not meet NESC "B" or DCS standards, the pole must be immediately upgraded or modified to meet the NESC & DCS standards.
4. All replacement lateral poles must meet NESC "EWL" and be compliant with FPL Pole Policies.
5. Restoration of lateral poles should comply with the class 2/3 table.

For practical purposes this means…

1. Engineer all poles to the NESC EWL standards and to meet FPL policies.
2. Run Pole Foreman on all designed WR's and poles suspected of being substandard.
3. If you are completing substantial work on a pole, such as installing additional cables, upgrading a TX, re-conductor or new framing: The pole must meet EWL and the revised class standards.
4. If you are completing minor like for like work such as replacing a fuse switch, insulator or other small equipment: The pole must meet NESC grade "B" and DCS standards at a minimum when the work is complete.
    a. Note: Most FPL poles currently exceed NESC grade "B". This means there is some leeway for minor changes in wind loading and clearances while maintaining the NESC grade "B" minimum.
5. Temporary or time constrained poles may be installed to NESC grade "N" temporary construction. This is relatively complicated, requires sound engineering judgment and should be avoided. If grade NESC grade "N" is applied, a replacement pole engineered to NESC EWL must be designed and installed as soon as practical and not longer than 6 months after NESC grade "N" was installed.
6. Class 4 poles may only be installed for SVC, SEC, SL, OL's. Once the available stock of class 4 is used up no more will be ordered and FPL will install class 3 poles for these applications.
7. In no case should class 4 poles be installed in laterals.

Contact Engineering Standards for situations that still are in question after careful consideration

FPL

Critical Pole Definitions & Sizing:

The following list comprises what will be considered critical poles. When installing and/or when doing work that otherwise requires the replacement of an accessible critical pole, use concrete. If the pole is inaccessible, use a minimum Class 2 wood pole, or consider relocating the equipment to an accessible concrete pole.

Critical Pole Identifier **For new or when replaced use minimum III-H Square Concrete Pole[5]** (minimum Class 2 if inaccessible)			
Critical Poles	**DCS Reference**	**Critical Poles**	**DCS Reference**
1st switch out of substation or duct system riser pole	UH-15.0.0 Fig 2 UH-15.3.1	**Automated Feeder Switches (AFS)[2]**	C-9.2.0
Interstate Crossings[1,3]	E-10.0.0 Fig 2	**Aerial Auto Transformers[2]**	I-9.0.0
Poles with multiple primary risers	UH-15.2.0	**3 phase transformer banks 3 – 100 kVA and larger[2]**	I-52.0.2
Multi-circuit poles[4]	Frame as existing	**Capacitor Banks[2]**	J-2.0.2 & J-2.0.3
Three-phase reclosers[2] (or Three single-phase reclosers)	C-8.0.0	**Regulators**	I-10.1.1
Primary Meter	K-28.0.0	**Intelliruptors**	C-9.5.0
All references are to the Distribution Construction Standards (DCS).			

For all critical poles run Pole Foreman to calculate the wind loading for the specified pole and attachments combination. Additional information can be found in DERM Section 4 - Addendum for Extreme Wind Loading tables 4.2.2-8, 4.2.2-9, or 4.2.2-10.

1) *Every attempt should be made to install storm guys where feasible and practical.*
2) *Frame in-line per standard to equally distribute weight.*
3) *Refer to the Crossing Multi-Lane Limited Access Highways section for details.*
4) *Contact CMC Hardening Group before designing new multi-circuit line.*
5) *To eliminate field drilling, inventory Special Drill Pole & create Pole Boring Detail for all III-H Poles on Hardening Jobs.*

FPL

Pole Sizing Guidelines:

The following tables should be used as guidelines to help determine pole class and type, when installing and/or replacing a feeder, lateral or service pole.

Feeder or Three Phase Lateral:

Pole Line Description	New Construction, Line Extension, & Pole Line Relocation	Existing Infrastructure[1]	Installing or Replacing a Critical Pole[2]
Wood	Use minimum Class 2 Wood Pole to meet EWL	Use Class 2 Wood Poles	Use III-H (Accessible) or Class 2 Wood (Inaccessible)
Concrete	Use minimum III-H Concrete Pole to meet EWL	Use III-H Concrete Poles	Use III-H Concrete Poles

When designing for EWL run Pole Foreman to calculate the wind loading for the specified pole and attachments combination. Additional information can be found in DERM Section 4 - Addendum for Extreme Wind Loading tables 4.2.2-8, 4.2.2-9, or 4.2.2-10.

Single or Two Phase Lateral:

Pole Line Description	New Construction, Line Extension, Pole Line Relocation, Pole Replacement, & Intermediate Poles	Existing Infrastructure[1]	Installing or Replacing a Critical Pole[2]
Wood	105/135 mph: Use minimum Class 3 *MUST* meet EWL	105/135 mph: Use minimum Class 3	Use III-H (Accessible) or Class 2 Wood (Inaccessible)
	145 mph: Use minimum Class 2 *MUST* meet EWL	145 mph: Use minimum Class 2	
Concrete	Use minimum III-G[3] or III-H poles	Use III-G[3] or III-H poles to match existing line	Use III-H Concrete Poles

Notes: [1] *To be used when replacing equipment or installing new equipment on an existing pole.*
[2] *Reference Critical Pole List on pg.8.*
[3] *Use of III-G poles should be limited to existing concrete lateral pole lines whose wire size is less than or equal to 1/0A.*
[4] *Use Pole Foreman to calculate wind loading on all poles.*

FPL

Basic Span Lengths for selected poles for Extreme Wind Loading:

Facility	Phase(s)	Wire size	Pole size	Recommended Maximum Span Length[4] (FPL with 2 attachments – FPL ONLY)		
				105 MPH	130 MPH	145 MPH
Feeder		3#568 ACAR	Class 2	180' - 230'	125' - 200'	90' - 140'
		3#3/0 AAAC	Class 2	180' - 250'	170' - 250'	120' - 220'
Lateral	3 PH	3#1/0 AAAC	Class 2	180' - 250'	180' - 250'	155' - 250'
	2 PH	2#1/0 AAAC	Class 3	180' - 250'	180' - 250'	125' - 250'
	1 PH	1#1/0 AAAC	Class 3	180' - 250'	180' - 250'	150' - 250'

[4]The lower number equates to the maximum span for FPL primary and two 1" foreign attachments. The higher number equates to the recommended maximum span for FPL primary only. Reference the DERM Addendum for EWL tables 4.2.2-8, 4.2.2-9, 4.2.2-10 when adding additional attachment(s) or equipment. As always, good engineering judgment, safety, reliability, and cost effectiveness should be considered.

Service / Secondary / St. Light / Outdoor Light Poles:

When installing or replacing a service or street light poles, a minimum of Class 3 wood pole should be used. Specific calculations may require a higher class pole for large quadruplex wire.

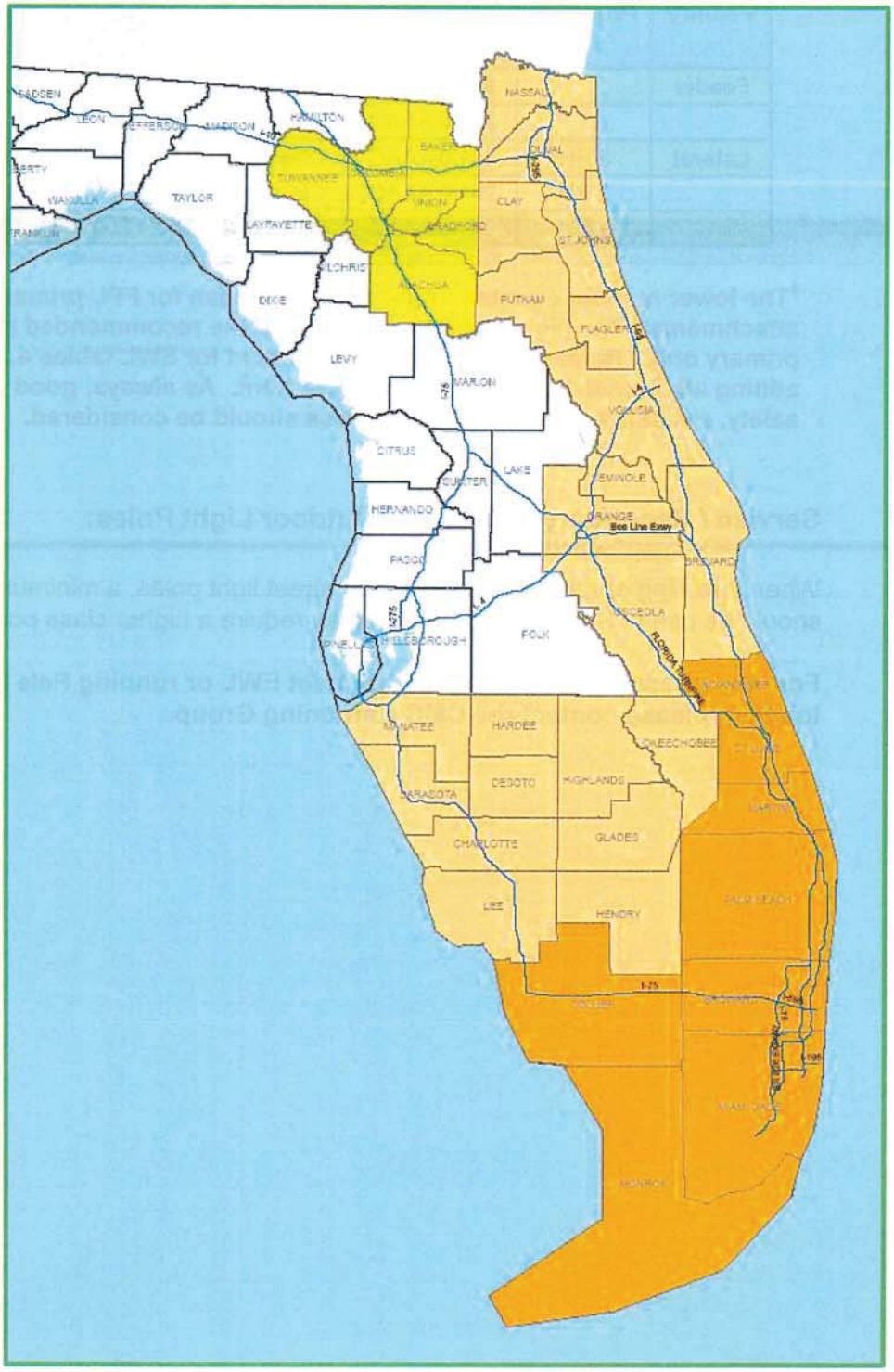
For any questions on pole sizing to meet EWL or running Pole Foreman to calculate wind loading, please contact the CMC Hardening Group.

FPL

Extreme Wind Loading (EWL) 3 Zone Map

105 MPH
130 MPH
145 MPH

Wind Zone	County
105	Alachua
105	Baker
105	Bradford
130	Brevard
145	Broward
130	Charlotte
130	Clay
145	Collier
105	Columbia
145	Miami-Dade
130	De Soto
130	Duval
130	Flagler
130	Glades
130	Hardee
130	Hendry
130	Highlands
145	Indian River
130	Lee
130	Manatee
145	Martin
145	Monroe
130	Nassau
130	Okeechobee
130	Osceola
130	Orange
145	Palm Beach
130	Putnam
130	Sarasota
130	Seminole
130	St Johns
145	St Lucie
105	Suwannee
105	Union
130	Volusia



Notification of FPL Facilities

Form 360, Notification of FPL Facilities, is to be used for all construction projects. Please include a copy of this form in negotiations with builders and developers. This form can be found on the DCS Website under “Letters and Agreements”, or in WMS on the “Reports” menu item for the work request.

APPENDIX E

(FPL's 2020 Project Level Detail)

Appendix E: FPL 2020 Project Level Detail
Feeder Hardening (EWL) - Distribution Program

Region	Substation	Substation Address	Feeder #	Estimated / Actual Start Date[1]	Current Estimated Completion Date[2]	Residential Customers	Commercial Customers	Industrial Customers	Total Customers	2020 Project Cost	Irma / Matthew Outage
East	ABERDEEN	7520 S Jog Road	408864	Jul-18	Feb-22	2,551	72	2	2,625	$ 1,431,326	X
East	ACME	11066 Acme Rd	405263	Dec-20	Jun-23	2,767	330	12	3,109	$ 12,876	X
East	ACME	11066 Acme Rd	405266	Dec-20	Jun-23	2,085	449	2	2,536	$ 19,098	X
East	ACME	11066 Acme Rd	405268	Jun-19	Jul-22	1,279	244	-	1,523	$ 508,180	
Dade	AIRPORT	691 Lee Dr	802631	Oct-17	Jul-22	1,439	204	1	1,644	$ 2,853,473	X
East	ALEXANDER	15955 Assembly Loop	408564	Sep-17	Jun-22	1,276	180	5	1,461	$ 3,384,362	X
East	ALLAPATTAH	9840 SW Rangeline Rd	412161	Dec-20	Aug-23	1,080	86	1	1,167	$ 8,624	X
West	ALLIGATOR	4999 Davis Blvd	503561	Dec-20	Nov-22	2,999	252	26	3,277	$ 10,356	X
West	ALLIGATOR	4999 Davis Blvd	503562	Jun-14	Jan-21	3,267	699	19	3,985	$ 13,675	X
West	ALLIGATOR	4999 Davis Blvd	503563	Aug-14	Jun-21	1,912	329	9	2,250	$ 32,945	X
West	ALLIGATOR	4999 Davis Blvd	503565	Nov-20	Aug-22	1,895	34	20	1,949	$ 39,220	X
West	ALLIGATOR	4999 Davis Blvd	503569	May-14	Dec-20	2,574	104	7	2,685	$ 19,891	X
West	ALVA	2840 Joel Blvd	504762	Nov-18	Feb-22	2,747	241	42	3,030	$ 4,196,273	X
Dade	ANHINGA	33800 SW 202nd Ave	811361	Jul-14	Jun-21	931	176	2	1,109	$ 101,811	X
North	APOLLO	451 N Apollo Blvd	210532	Mar-18	Sep-21	946	286	3	1,235	$ 1,694,888	X
West	ARCADIA	100 W Cypress St	501432	Nov-18	Jun-23	2,315	283	13	2,611	$ 1,325,471	X
West	ARCADIA	100 W Cypress St	501436	Dec-20	Aug-22	-	3	-	3	$ 27,367	X
Dade	ARCH CREEK	12681 NE 14 Ave	802835	Nov-15	Feb-21	2,582	275	1	2,858	$ 394,865	X
East	ATLANTIC	901 Glades Rd	403239	Jul-19	May-22	-	23	2	25	$ 403,011	X
West	AUBURN	2235 Venice Ave E	505762	Feb-19	Apr-22	3,166	112	-	3,278	$ 3,213,746	X
West	AUBURN	2235 Venice Ave E	505763	Jan-18	Apr-22	3,592	203	28	3,823	$ 304,008	
West	AUBURN	2235 Venice Ave E	505765	Dec-20	Aug-23	3,074	259	7	3,340	$ 12,995	X
West	AUBURN	2235 Venice Ave E	505766	Dec-20	Mar-23	1,214	73	3	1,290	$ 11,734	X
North	AURORA	1805 N Wickham Rd	202533	Nov-19	Sep-22	1,437	329	2	1,768	$ 485,361	X
North	AURORA	1805 N Wickham Rd	202534	Jun-20	Oct-21	1,645	103	1	1,749	$ 1,114,972	X
North	AURORA	1805 N Wickham Rd	202537	Mar-20	Nov-22	1,968	73	1	2,042	$ 5,198	X
Dade	AVOCADO	21600 SW 197th Ave	810061	Nov-16	Jun-21	1,030	375	4	1,409	$ 100,076	X
Dade	AVOCADO	21600 SW 197th Ave	810062	Oct-14	Dec-21	615	328	2	945	$ 517,104	X
North	BABCOCK	6290 Babcock St SE	204265	Jun-18	Sep-21	2,086	403	10	2,499	$ 2,301,662	X
Broward	BASSCREEK	1850 SW 172nd Ave	706362	Jun-19	Mar-22	1,624	228	5	1,857	$ 2,168,861	X
Broward	BASSCREEK	1850 SW 172nd Ave	706364	Dec-20	Nov-22	1,317	59	-	1,376	$ 5,867	X
Dade	BEACON	10750 NW 21st St	812161	Aug-18	Jul-22	204	483	2	689	$ 642,758	X
East	BEELINE	5101 Bee Line Hwy	405335	Nov-18	Jun-23	1,799	149	1	1,949	$ 818,669	X
Dade	BELL	666 NW 79th Ave	810833	Dec-20	Aug-22	2,062	72	-	2,134	$ 20,791	X
East	BELVEDERE	1210 Omar Rd	402538	Jun-19	Jul-22	1,265	211	3	1,479	$ 1,841,628	X
West	BENEVA	4080 Beneva Rd S	504136	Sep-18	Aug-21	1,548	136	2	1,686	$ 130,922	
Broward	BEVERLY	6201 Washington St	700831	Aug-19	Jul-22	950	42	1	993	$ 1,180,553	X
Broward	BEVERLY	6201 Washington St	700832	Aug-19	Aug-22	1,334	190	2	1,526	$ 677,282	
Broward	BEVERLY	6201 Washington St	700833	Jul-19	Aug-22	949	200	-	1,149	$ 604,009	X
Broward	BEVERLY	6201 Washington St	700837	Oct-18	Jul-22	1,594	135	1	1,730	$ 2,247,506	X
Dade	BIRD	6101 SW 40th St	806937	Aug-14	Dec-21	967	111	2	1,080	$ 941,778	X
Dade	BISCAYNE	12635 NW 5 Ave	801831	Dec-20	Nov-22	628	34	-	662	$ 2,245	X
Dade	BISCAYNE	12635 NW 5 Ave	801833	Dec-20	Nov-22	1,464	65	1	1,530	$ 12,207	X
Dade	BISCAYNE	12635 NW 5 Ave	801834	Dec-16	Dec-21	1,770	75	-	1,845	$ 1,944,469	X
Dade	BISCAYNE	12635 NW 5 Ave	801835	Jun-19	Dec-21	1,371	52	-	1,423	$ 1,448,431	
Dade	BISCAYNE	12635 NW 5 Ave	801838	Aug-14	Nov-21	1,539	87	2	1,628	$ 813,899	X
Dade	BLUE LAGOON	5590 NW 6th St	810432	Aug-18	Jul-22	1,094	241	-	1,335	$ 707,033	X
Dade	BLUE LAGOON	5590 NW 6th St	810434	Nov-15	Jul-22	2,144	239	-	2,383	$ 944,359	X
East	BOCA RATON	301 W Palmetto Park Rd	400731	Oct-15	Jun-21	1,148	142	4	1,294	$ 16,748	X
East	BOCA RATON	301 W Palmetto Park Rd	400734	Jul-19	Jul-22	971	280	-	1,251	$ 430,630	X
East	BOCA RATON	301 W Palmetto Park Rd	400735	Jul-19	Jul-22	1,454	207	7	1,668	$ 2,479,837	X
East	BOCA RATON	301 W Palmetto Park Rd	400736	Dec-20	Nov-22	1,038	23	6	1,067	$ 16,460	X
East	BOCA RATON	301 W Palmetto Park Rd	400737	Aug-14	Mar-21	2,017	106	10	2,133	$ 814,694	X
East	BOCA RATON	301 W Palmetto Park Rd	400738	Aug-19	May-21	899	81	-	980	$ 106,472	X
East	BOCA RATON	301 W Palmetto Park Rd	400739	Aug-14	May-21	1,910	175	9	2,094	$ 240,460	X
East	BOCA RATON	301 W Palmetto Park Rd	400740	Dec-17	Jul-21	698	195	14	907	$ 140,568	X
East	BOCA TEECA	675 Clint Moore Rd	404232	Sep-19	Sep-21	2,059	78	13	2,150	$ 582,093	X
East	BOCA TEECA	675 Clint Moore Rd	404239	Oct-14	Oct-21	1,423	59	2	1,484	$ 693,315	
East	BOCA TEECA	675 Clint Moore Rd	404240	Oct-14	Mar-21	1,183	236	4	1,423	$ 203,973	X
East	BOCA TEECA	675 Clint Moore Rd	404241	Jul-19	Jun-23	944	227	2	1,173	$ 970,255	X
West	BONITA SPRINGS	9491 Bonita Beach Rd	502168	Aug-18	Aug-21	2,448	252	22	2,722	$ 824,725	X
Dade	BOULEVARD	11130 NE 14th Ave	808731	Nov-15	Dec-21	2,111	121	-	2,232	$ 1,465,098	X
East	BOYNTON	951 Old Boynton Rd	400534	Feb-18	Aug-21	354	13	3	370	$ 55,031	
East	BOYNTON	951 Old Boynton Rd	400539	Nov-18	Mar-22	826	244	2	1,072	$ 861,261	
West	BRADENTON	415 Manatee Ave West	500233	Feb-19	Dec-21	713	222	4	939	$ 1,731,492	X
West	BRADENTON	415 Manatee Ave West	500235	Feb-19	Nov-21	1,015	131	2	1,148	$ 1,238,693	X
Dade	BRANDON	15100 NW 7th Ave	808631	Jun-19	Jul-22	1,244	119	1	1,364	$ 648,156	X
Dade	BRANDON	15100 NW 7th Ave	808632	Aug-16	Jul-21	1,873	195	2	2,070	$ 157,675	X
Dade	BUENA VISTA	347 NW 41st St	800331	Mar-15	Aug-20	1,034	72	-	1,106	$ 8,991	X
Dade	BUENA VISTA	347 NW 41st St	800333	Aug-14	Jun-23	1,685	172	2	1,859	$ 2,026,605	X
North	BULOW	5940 John Anderson Hwy & N Washington Ave	102033	Feb-17	Mar-21	2,293	75	6	2,374	$ 66,114	X
Broward	BUTTERFLY	6010 SR 7	708432	May-18	Jan-22	1,292	71	2	1,365	$ 1,978,450	X
Broward	BUTTERFLY	6010 SR 7	708433	Oct-19	May-22	1,327	119	-	1,446	$ 2,029,617	X
East	BUTTS	21400 Powerline Rd	405936	Nov-15	Jan-21	1,463	45	5	1,513	$ 4,785	X
East	BUTTS	21400 Powerline Rd	405939	Aug-19	Jan-22	1,707	81	3	1,791	$ 940,853	X
East	CANAL	700 1st Pl	414133	Sep-19	May-22	662	103	-	765	$ 238,586	
East	CANAL	700 1st Pl	414135	Aug-19	Apr-22	27	41	-	68	$ 158,580	
West	CAPRI	7507 Isles Of Capri Rd	504062	May-19	Feb-22	2,774	188	1	2,963	$ 4,170,618	X
West	CAPRI	7507 Isles Of Capri Rd	504064	Sep-18	May-21	4,706	441	85	5,232	$ 198,912	X
West	CASTLE	5020 E SR 64	504661	Dec-20	Mar-23	3,393	176	10	3,579	$ 2,520	X
West	CASTLE	5020 E SR 64	504663	Sep-18	Feb-22	3,952	466	15	4,433	$ 3,271,844	X
West	CASTLE	5020 E SR 64	504665	Jun-19	Feb-22	2,742	338	21	3,101	$ 1,374,123	
East	CATCHMENT	8400 Sandy Cay	409763	Jul-18	Apr-22	1,627	487	-	2,114	$ 3,302,695	X
East	CATCHMENT	8400 Sandy Cay	409764	Nov-18	May-22	4,429	279	2	4,710	$ 1,859,940	X
East	CATCHMENT	8400 Sandy Cay	409766	Oct-14	Nov-20	2,150	465	5	2,620	$ 10,482	X
North	CELERY	3881 E SR 46 (W/O SR 415)	200263	Nov-18	Jun-21	618	174	11	803	$ 159,373	X
Broward	CHAPEL	6610 SW 196th Ave	706961	Nov-20	Jun-23	1,705	253	4	1,962	$ 55,010	X
Broward	CHAPEL	6610 SW 196th Ave	706962	Dec-20	Aug-22	988	107	2	1,097	$ 5,434	
North	CHULUOTA	695 Brumley Rd	207261	Sep-19	Sep-22	1,100	92	1	1,193	$ 1,119,193	X
North	CHULUOTA	695 Brumley Rd	207263	Feb-19	Jul-21	2,053	91	1	2,145	$ 1,461	X
North	CITY POINT	3303 Beau Gast Rd - US#1 (N/O SR 528)	201534	Sep-15	Jun-21	1,350	122	4	1,476	$ 27,352	X
West	CLARK	5813 S Beneva Rd	500533	Nov-18	Dec-21	1,053	342	3	1,398	$ 968,152	X
West	CLARK	5813 S Beneva Rd	500534	Jun-18	Jun-21	1,941	269	-	2,210	$ 107,500	X
North	CLEARLAKE	33 Dora Ave	202833	Sep-18	Sep-21	1,645	215	12	1,872	$ 3,595,689	X
East	CLEWISTON	USSC Main Canal Rd	402032	Sep-16	Apr-21	1,220	152	9	1,381	$ 227,899	X
East	CLINTMOORE	6301 Old Clintmoore Rd	405465	Nov-15	May-21	1,892	78	5	1,975	$ 11,365	X

Region	Substation	Substation Address	Feeder #	Estimated / Actual Start Date[1]	Current Estimated Completion Date[2]	Residential Customers	Commercial Customers	Industrial Customers	Total Customers	2020 Project Cost	Irma / Matthew Outage
East	CLINTMOORE	6301 Old Clintmoore Rd	405467	Nov-16	Jun-21	1,622	101	14	1,737	$ 182,439	X
North	COCOA	616 Florida Ave	200433	Jan-18	Jun-21	1,806	115	9	1,930	$ 42,443	X
Dade	COCONUT GROVE	3701 Bird Rd	800434	Nov-16	May-21	516	162	1	679	$ 70,645	X
Dade	COCONUT GROVE	3701 Bird Rd	800445	Dec-19	Jun-23	1,185	90	6	1,281	$ 453,031	X
North	COLLEGE	1050 W Lake Mary Blvd	204633	Nov-18	Aug-21	1,247	209	3	1,459	$ 469,298	X
West	COLONIAL	4308 Yale Ct	502631	Oct-15	Jun-21	697	22	3	722	$ 8,691	X
West	COLONIAL	4308 Yale Ct	502635	Jul-18	Jun-21	1,118	360	1	1,479	$ 204,724	X
North	COLUMBIA	Marthin Luther King Dr & Davis St	301131	Sep-20	Sep-21	426	334	6	766	$ 1,335,975	X
North	COLUMBIA	Marthin Luther King Dr & Davis St	301133	Aug-18	Dec-21	909	154	-	1,063	$ 1,189,067	X
North	COLUMBIA	Marthin Luther King Dr & Davis St	301136	Aug-18	Sep-21	1,453	300	8	1,761	$ 1,613,316	X
North	COLUMBIA	Marthin Luther King Dr & Davis St	301137	Aug-18	Sep-21	530	385	2	917	$ 671,869	X
North	COLUMBIA	Marthin Luther King Dr & Davis St	301139	Aug-18	Sep-21	712	141	7	860	$ 1,601,832	X
North	COMO	234 Old Highway 17	105131	Nov-19	Sep-22	747	45	1	793	$ 167,054	X
West	COOPER	921 Edmund St	508061	Sep-18	May-21	2,113	85	10	2,208	$ 88,843	X
West	COOPER	921 Edmund St	508062	Dec-20	Nov-22	1,910	60	6	1,976	$ 14,766	X
Broward	COPANS	220 Lyons Rd	705635	Jul-19	Jan-22	812	46	3	861	$ 1,270,302	X
North	COQUINA	1151 Wall Ave	106661	Jan-20	Sep-22	1,158	268	3	1,429	$ 547,161	X
North	COQUINA	1151 Wall Ave	106662	Sep-20	Sep-22	254	460	5	719	$ 614,991	X
West	CORKSCREW	Corkscrew Rd, E/O I-75	507461	Jul-18	May-22	4,165	315	115	4,595	$ 4,517,191	X
West	CORKSCREW	Corkscrew Rd, E/O I-75	507462	Apr-15	Jan-21	2,535	465	2	3,002	$ 98,834	X
West	CORKSCREW	Corkscrew Rd, E/O I-75	507465	Sep-15	Jun-21	54	62	2	118	$ 111,266	X
West	CORTEZ	5001 Cortez Rd West	500637	Jun-18	Apr-21	2,585	222	5	2,812	$ 32,421	
West	CORTEZ	5001 Cortez Rd West	500665	Jun-18	Apr-21	3,151	286	14	3,451	$ 122,431	X
Dade	COUNTRY CLUB	7275 NW 186th St	805938	Aug-18	Dec-21	1,972	101	1	2,074	$ 891,678	X
Dade	COURT	SW 127 Ave N/O 144 St	809663	Mar-16	Aug-21	1,412	435	-	1,847	$ 535,665	X
Dade	COURT	SW 127 Ave N/O 144 St	809668	Oct-15	Feb-21	1,453	395	-	1,848	$ 64,789	X
Dade	COURT	SW 127 Ave N/O 144 St	809669	May-17	Apr-21	1,639	210	-	1,849	$ 240,066	X
North	COURTENAY	3310 N Courtenay Pkwy	201932	Jun-18	Sep-21	1,617	127	3	1,747	$ 1,622,706	X
North	COURTENAY	3310 N Courtenay Pkwy	201934	Sep-19	Sep-22	847	50	-	897	$ 730,965	X
North	COURTENAY	3310 N Courtenay Pkwy	201935	Sep-19	Sep-22	1,185	41	-	1,226	$ 554,071	X
North	COURTENAY	3310 N Courtenay Pkwy	201936	Sep-17	May-21	1,289	104	3	1,396	$ 431,505	X
East	COVE	7903 SE FEDERAL HWY	408264	Dec-17	May-21	3,457	173	11	3,641	$ 64,841	X
North	COX	880 Cox Rd	207061	Aug-14	Dec-20	1,603	95	4	1,702	$ 8,017	X
East	CRANE	4000 SW Sand Tr	407162	Nov-18	Jun-23	600	328	2	930	$ 1,566,973	X
East	CRANE	4000 SW Sand Tr	407165	Oct-15	Apr-21	1,836	148	9	1,993	$ 643,425	X
East	CRANE	4000 SW Sand Tr	407166	Oct-14	Nov-20	1,667	273	-	1,940	$ 119,707	X
Broward	CROSSBOW	6550 Dykes Rd	707661	Dec-17	May-21	689	55	2	746	$ 97,131	X
Broward	CRYSTAL	3951 N Powerline Rd	703733	Oct-19	May-22	1,941	132	2	2,075	$ 2,404,840	X
Broward	CRYSTAL	3951 N Powerline Rd	703734	Dec-20	Mar-23	825	348	-	1,173	$ 8,072	X
Broward	CRYSTAL	3951 N Powerline Rd	703735	Dec-20	Nov-22	2	331	2	335	$ 17,956	
Broward	CULLUM	4000 NW 54th Ave	707135	Jun-19	Jul-21	1,383	143	3	1,529	$ 44,771	X
Dade	CUTLER	14925 SW 67 Ave	802032	Dec-20	Mar-23	1,015	50	1	1,066	$ 10,553	X
Dade	CUTLER	14925 SW 67 Ave	802034	Aug-16	Mar-22	311	7	3	321	$ 568,048	X
Dade	CUTLER	14925 SW 67 Ave	802038	Dec-20	Nov-22	1,228	43	-	1,271	$ 12,876	X
Broward	CYPRESS CREEK	2309 W McNab Rd	702132	Dec-20	Nov-22	207	124	1	332	$ 3,347	X
Broward	CYPRESS CREEK	2309 W McNab Rd	702134	Feb-17	May-21	-	191	1	192	$ 55,289	X
Broward	CYPRESS CREEK	2309 W McNab Rd	702137	Dec-20	Nov-22	125	226	-	351	$ 2,835	X
Broward	CYPRESS CREEK	2309 W McNab Rd	702138	Oct-19	Mar-22	210	54	-	264	$ 1,185,365	X
Broward	CYPRESS CREEK	2309 W McNab Rd	702139	Dec-20	Nov-22	-	173	-	173	$ 13,428	
Dade	DADE	6301 NW 72 Ave	805432	Dec-20	Jun-23	168	366	-	534	$ 12,168	X
Dade	DADE	6301 NW 72 Ave	805433	Jun-16	Jun-21	1,566	65	2	1,633	$ 96,606	X
Dade	DADE	6301 NW 72 Ave	805438	Dec-20	Mar-23	-	760	3	763	$ 6,537	X
Dade	DADE	6301 NW 72 Ave	805439	Jul-19	Dec-21	-	164	-	164	$ 787,996	X
Dade	DADELAND	6890 SW 81st St	807535	Jun-19	Jun-21	608	89	1	698	$ 120,901	X
Dade	DADELAND	6890 SW 81st St	807536	Dec-20	Nov-22	607	130	3	740	$ 7,127	X
Dade	DADELAND	6890 SW 81st St	807542	Jun-19	Sep-21	2,155	75	-	2,230	$ 85,621	X
North	DAIRY	4452 Dairy Rd	205531	Jun-20	Nov-21	1,265	105	1	1,371	$ 763,715	X
Broward	DANIA	301 SE 5th Ave, Dania	701532	Dec-17	May-22	1,619	342	3	1,964	$ 2,261,987	X
Broward	DANIA	301 SE 5th Ave, Dania	701533	Aug-18	Jul-22	1,546	216	-	1,762	$ 3,151,291	X
Broward	DANIA	301 SE 5th Ave, Dania	701535	Oct-19	Aug-22	2,873	428	-	3,301	$ 871,357	X
Broward	DANIA	301 SE 5th Ave, Dania	701536	Sep-16	Feb-21	2,739	187	1	2,927	$ 4,995	X
East	DATURA ST	515 Datura St	400231	Jul-19	Nov-21	586	94	-	680	$ 609,817	X
East	DATURA ST	515 Datura St	400234	Sep-17	Apr-21	598	43	-	641	$ 101,150	X
East	DATURA ST	515 Datura St	400237	Oct-15	Jun-21	745	51	-	796	$ 33,018	
East	DATURA ST	515 Datura St	400240	Oct-15	Apr-21	373	166	-	539	$ 44,548	
North	DAYTONA BEACH	132 N Segrave St	100133	Oct-14	Feb-21	524	78	1	603	$ 3,503	X
North	DAYTONA BEACH	132 N Segrave St	100134	Sep-17	Feb-21	386	151	1	538	$ 49,476	X
North	DAYTONA BEACH	132 N Segrave St	100137	Nov-19	Sep-22	1,207	243	3	1,453	$ 455,591	X
North	DAYTONA BEACH	132 N Segrave St	100138	Aug-19	May-21	321	49	-	370	$ 14,886	
Broward	DEERFIELD BEACH	1001 S Deerfield Ave	703531	Nov-18	Dec-21	1,535	299	2	1,836	$ 2,493,018	X
Broward	DEERFIELD BEACH	1001 S Deerfield Ave	703534	May-15	May-21	2,336	383	7	2,726	$ 24,039	X
Broward	DEERFIELD BEACH	1001 S Deerfield Ave	703537	Jun-17	May-21	1,799	148	8	1,955	$ 38,462	X
Broward	DEERFIELD BEACH	1001 S Deerfield Ave	703541	Feb-18	Jul-21	800	285	6	1,091	$ 45,073	
Broward	DEERFIELD BEACH	1001 S Deerfield Ave	703542	Oct-17	Jun-21	2,818	342	3	3,163	$ 9,616	X
North	DELAND	2778 E. NEW YORK AVE. (W/O I-4)	102131	Oct-16	Mar-21	256	157	2	415	$ 282,406	X
East	DELMAR	22950 Powerline Rd	406931	Nov-18	Jun-23	1,459	44	3	1,506	$ 1,029,801	X
East	DELMAR	22950 Powerline Rd	406933	Mar-19	Jul-21	881	92	2	975	$ 167,485	X
East	DELMAR	22950 Powerline Rd	406935	Nov-15	Jan-21	2,297	104	6	2,407	$ 2,393	X
North	DELTONA	1960 Howland Blvd	204064	Jun-20	Nov-22	1,268	37	18	1,323	$ 25,123	X
East	DELTRAIL	7000 Via Delray	405863	Oct-14	Jun-21	2,921	127	6	3,054	$ 4,785	X
East	DELTRAIL	7000 Via Delray	405865	Nov-18	Apr-22	3,808	102	6	3,916	$ 4,033,967	X
North	DERBY	SW of Rantoul Rd and SR 46A	210131	Nov-19	Sep-22	1,818	125	-	1,943	$ 338,019	X
North	DERBY	SW of Rantoul Rd and SR 46A	210132	Jul-19	Nov-21	225	178	2	405	$ 608,135	X
North	DERBY	SW of Rantoul Rd and SR 46A	210133	Apr-17	Jun-21	1,058	51	5	1,114	$ 4,378	X
West	DORR FIELD	11 miles E/O Arcadia on SR 70	504262	Dec-20	Mar-23	36	158	3	197	$ 19,019	X
Dade	DOUGLAS	3690 SW 23rd St	806132	Oct-15	Jan-21	414	214	1	629	$ 14,771	
Broward	DRIFTWOOD	2800 N University Dr	702032	Nov-18	May-22	1,636	129	-	1,765	$ 2,535,648	X
Broward	DRIFTWOOD	2800 N University Dr	702038	Jul-18	May-21	1,902	156	1	2,059	$ 152,634	X
Dade	DUMFOUNDLING	2900 NE 185th St	809834	Aug-19	Jul-22	1,282	48	9	1,339	$ 201,061	X
Dade	DUMFOUNDLING	2900 NE 185th St	809837	Jun-19	Dec-21	1,533	129	-	1,662	$ 1,899,295	X
North	DURBIN	10475 Old Dixie Highway	108962	Dec-19	Sep-22	2,446	335	5	2,786	$ 434,582	X
North	EAU GALLIE	1860 Guava Ave	201032	Jun-20	Sep-21	1,386	161	5	1,552	$ 1,858,478	X
North	EAU GALLIE	1860 Guava Ave	201035	Sep-19	Sep-22	675	132	2	809	$ 472,203	X
East	EDEN	3733 SE Jennings Rd	411032	Nov-18	Jul-21	437	209	-	646	$ 158,887	
North	EDGEWATER	901 16 St	101933	Feb-18	Jun-21	1,587	333	6	1,926	$ 248,692	X
North	EDGEWATER	901 16 St	101938	Mar-20	Nov-22	1,955	171	6	2,132	$ 61,783	X
West	EDISON	5813 Winkler Rd	503634	Dec-20	Nov-22	1,632	189	1	1,822	$ 28,864	X
West	EDISON	5813 Winkler Rd	503635	Dec-20	Aug-22	1,922	446	-	2,368	$ 17,680	X
West	EDISON	5813 Winkler Rd	503639	Dec-20	Aug-22	2,346	176	-	2,522	$ 88,993	X
North	ELKTON	4525 St Ambrose Church Rd	105831	Aug-19	Nov-21	1,314	107	2	1,423	$ 2,124,486	X

Region	Substation	Substation Address	Feeder #	Estimated / Actual Start Date[1]	Current Estimated Completion Date[2]	Residential Customers	Commercial Customers	Industrial Customers	Total Customers	2020 Project Cost	Irma / Matthew Outage
North	ELKTON	4525 St Ambrose Church Rd	105832	Aug-16	Jun-21	804	373	3	1,180	$ 9,312	X
Broward	ELY	516 NW 3rd Ave	702633	Nov-18	Jun-21	1,596	275	4	1,875	$ 39,063	X
Broward	ELY	516 NW 3rd Ave	702635	Sep-14	May-21	1,287	122	3	1,412	$ 46,876	X
Broward	ELY	516 NW 3rd Ave	702638	Nov-18	Jun-21	644	372	2	1,018	$ 102,165	X
Broward	ELY	516 NW 3rd Ave	702639	Nov-18	Jun-21	871	220	2	1,093	$ 120,796	X
West	ENGLEWOOD	740 River Rd S	500761	Dec-20	Nov-22	1,460	259	4	1,723	$ 10,632	X
West	ENGLEWOOD	740 River Rd S	500767	Dec-17	Apr-21	2,489	278	19	2,786	$ 9,174	X
West	ENGLEWOOD	740 River Rd S	500768	Dec-20	Mar-23	2,008	93	6	2,107	$ 18,507	X
West	ESTERO	4750 Broadway West	503966	Oct-18	Nov-21	1,913	227	1	2,141	$ 3,048,663	X
Dade	EUREKA	17705 SW 147th Ave	811261	Jul-18	Mar-22	1,942	86	2	2,030	$ 2,601,248	X
Dade	EUREKA	17705 SW 147th Ave	811262	Oct-14	Jun-21	2,703	31	-	2,734	$ 636,897	X
Dade	EUREKA	17705 SW 147th Ave	811263	Mar-15	Feb-21	1,617	108	2	1,727	$ 453,522	X
Broward	FAIRMONT	580 NW 31 Ave	700731	Nov-18	Oct-21	874	155	2	1,031	$ 637,677	X
Dade	FLAGAMI	195 SW 92nd Ave	808062	Jun-19	Jun-23	2,794	281	1	3,076	$ 425,209	X
Dade	FLAGAMI	195 SW 92nd Ave	808064	Jul-18	Dec-21	899	249	-	1,148	$ 884,039	X
North	FLAGLER BEACH	4173 E Highway 100	101464	Aug-18	Sep-21	3,093	287	10	3,390	$ 2,128,332	X
Broward	FLAMINGO	4601 Flamingo Rd	707261	Mar-18	Jun-21	2,124	98	-	2,222	$ 41,627	X
Broward	FLAMINGO	4601 Flamingo Rd	707264	Aug-16	Mar-21	1,079	548	3	1,630	$ 117,112	X
Broward	FLAMINGO	4601 Flamingo Rd	707266	Dec-20	Nov-22	1,594	75	1	1,670	$ 21,264	X
North	FLEMING	330 Hand Ave	102432	Jul-20	Nov-22	1,041	116	-	1,157	$ 5,985	X
North	FLEMING	330 Hand Ave	102433	Oct-19	Sep-22	1,535	75	4	1,614	$ 365,151	X
North	FLEMING	330 Hand Ave	102434	Nov-15	Jun-21	1,324	175	-	1,499	$ 140,546	X
Dade	FLORIDA CITY	16100 SW 344th St	803132	Jun-13	Mar-22	1,078	133	-	1,211	$ 660,911	X
North	FOREST GROVE	65 Forest Grove Dr	106861	Sep-20	Sep-22	2,120	103	1	2,224	$ 730,302	X
North	FOREST GROVE	65 Forest Grove Dr	106863	Aug-20	Nov-22	2,180	175	14	2,369	$ 29,297	X
East	FOUNTAIN	4299 Jog Rd	405637	Nov-15	Jan-22	1,918	97	2	2,017	$ 800,007	X
East	FOUNTAIN	4299 Jog Rd	405638	Oct-18	Sep-21	2,113	77	-	2,190	$ 325,349	X
East	FOUNTAIN	4299 Jog Rd	405639	Oct-15	Nov-21	2,385	113	-	2,498	$ 433,006	X
West	FRANKLIN	16401 Franklin Ave	506464	Sep-18	Apr-21	2,802	176	15	2,993	$ 8,208	X
North	FRONTENAC	504 Clear View Drive	203035	Jul-19	Nov-21	683	129	1	813	$ 1,332,183	X
Dade	FRONTON	3795 NW 38 Ave	801134	Oct-19	Jun-23	1,606	345	1	1,952	$ 1,436,316	
Dade	FRONTON	3795 NW 38 Ave	801136	Oct-16	Jun-23	1,467	248	2	1,717	$ 1,984,453	X
West	FRUITVILLE	611 Bell Rd	501064	May-18	Aug-21	1,780	479	5	2,264	$ 222,008	X
West	FRUITVILLE	611 Bell Rd	501066	Sep-18	Nov-21	1,537	303	4	1,844	$ 2,574,533	X
West	FT MYERS	1835 Lee St	501131	Dec-20	Nov-22	720	193	3	916	$ 10,908	X
West	FT MYERS	1835 Lee St	501132	Sep-19	Oct-21	974	34	-	1,008	$ 271,923	X
West	FT MYERS	1835 Lee St	501133	Nov-18	Dec-21	1,332	150	-	1,482	$ 638,862	X
West	FT MYERS	1835 Lee St	501135	May-15	Jun-21	810	165	5	980	$ 34,282	X
West	FT MYERS	1835 Lee St	501136	Feb-19	Apr-22	1,547	217	3	1,767	$ 1,884,260	X
West	FT MYERS	1835 Lee St	501138	Oct-19	Oct-21	68	151	-	219	$ 276,834	X
Dade	GARDEN	3801 NW 179 St	804131	Dec-20	Mar-23	1,190	104	1	1,295	$ 9,844	X
Dade	GARDEN	3801 NW 179 St	804135	Dec-20	Nov-22	798	67	1	866	$ 8,505	X
Dade	GARDEN	3801 NW 179 St	804138	Dec-20	Mar-23	391	355	1	747	$ 10,041	X
West	GATEWAY	10633 Buckingham Rd	508461	Jul-18	Jun-21	1,618	197	-	1,815	$ 72,909	X
West	GATEWAY	10633 Buckingham Rd	508462	Dec-20	Mar-23	2,687	451	6	3,144	$ 26,107	X
West	GATEWAY	10633 Buckingham Rd	508464	Nov-18	Jun-21	3,441	413	32	3,886	$ 85,463	X
East	GATLIN	2210 SW Hayworth Ave	410461	Aug-14	Sep-20	2,225	28	-	2,253	$ 22,445	X
North	GATOR	165 Toms Rd	108362	Mar-18	Jun-21	759	213	6	978	$ 1,770,316	X
North	GATOR	165 Toms Rd	108363	Dec-19	Sep-22	2,299	496	8	2,803	$ 387,371	X
North	GENERAL ELECTRIC	190 West Rd	101535	Jul-19	Nov-21	230	154	1	385	$ 1,110,714	X
North	GENERAL ELECTRIC	190 West Rd	101540	Feb-19	Sep-21	1,876	204	-	2,080	$ 1,354,416	X
North	GENEVA	427 E. Osceola Rd	205361	Nov-19	Sep-22	853	114	9	976	$ 1,128,237	X
North	GENEVA	427 E. Osceola Rd	205362	Nov-19	Sep-22	505	71	2	578	$ 881,789	X
East	GERMANTOWN	1600 SW 10th St	404837	Jun-16	Mar-21	1,677	258	12	1,947	$ 25,721	X
Dade	GLADEVIEW	2409 NW 68th St	802231	Nov-15	Apr-21	1,320	135	1	1,456	$ 255,606	X
Dade	GLADEVIEW	2409 NW 68th St	802233	Mar-15	Sep-21	492	262	1	755	$ 888,011	X
West	GLADIOLUS	15830 Winkler Road	507665	Jul-19	Jun-22	2,840	133	7	2,980	$ 1,597,758	X
East	GLENDALE	1/2 mile W/O I-95 on the north side of SR 60	407561	May-14	Feb-21	191	53	1	245	$ 1,416,034	X
East	GLENDALE	1/2 mile W/O I-95 on the north side of SR 60	407562	Dec-20	Jun-23	1,243	325	-	1,568	$ 20,791	X
East	GLENDALE	1/2 mile W/O I-95 on the north side of SR 60	407563	May-19	Apr-22	409	58	3	470	$ 7,894,971	X
West	GOLDEN GATE	4001 15 Ave	504962	Feb-19	Dec-22	2,588	248	3	2,839	$ 982,151	X
West	GOLDEN GATE	4001 15 Ave	504965	Feb-19	Dec-22	2,224	227	2	2,453	$ 903,830	X
West	GOLDEN GATE	4001 15 Ave	504967	Nov-16	Jun-23	1,432	177	21	1,630	$ 117,326	X
West	GOLDEN GATE	4001 15 Ave	504968	Aug-15	Jun-22	1,795	85	22	1,902	$ 835,298	X
Dade	GOLDEN GLADES	16700 NW 19th Ave	806031	Mar-15	Aug-20	1,314	39	1	1,354	$ 130,803	X
Dade	GOLDEN GLADES	16700 NW 19th Ave	806033	Oct-14	Sep-21	1,080	79	-	1,159	$ 1,720,558	X
East	GOLF	950 SW 23rd Ave	404134	Aug-18	Jun-23	906	392	6	1,304	$ 1,884,379	X
East	GOLF	950 SW 23rd Ave	404136	Sep-14	Aug-20	4,255	325	12	4,592	$ 11,365	X
Dade	GOULDS	21200 SW 112th Ave	807332	Aug-19	Jun-21	204	88	-	292	$ 123,214	
Dade	GOULDS	21200 SW 112th Ave	807337	Nov-15	Mar-21	1,459	109	1	1,569	$ 9,834	X
East	GRACEWOOD	505 S A1A	414033	Aug-19	Jul-22	390	25	1	416	$ 381,940	
East	GRAMERCY	4301 Up The Grove Lane	410536	Aug-19	May-21	549	214	1	764	$ 35,638	
West	GRANADA	5503 S Tamiami Tr	506561	Mar-18	Jun-21	2,516	122	47	2,685	$ 11,944	X
North	GRANDVIEW	2510 Grandview Ave	201432	Jul-20	Nov-22	1,375	261	6	1,642	$ 18,035	X
North	GRANDVIEW	2510 Grandview Ave	201435	Aug-20	Nov-22	2,175	97	7	2,279	$ 6,812	X
North	GRANT	4660 Grant Rd	208762	Oct-14	Feb-21	1,006	193	10	1,209	$ 303,704	X
Dade	GRAPELAND	2731 SW 16th Ter	802933	Oct-14	Jul-22	2,505	180	2	2,687	$ 3,737,504	X
Dade	GRATIGNY	1545 W 68th St	804534	Dec-20	Nov-22	1,897	65	-	1,962	$ 23,233	X
Dade	GRATIGNY	1545 W 68th St	804537	Nov-15	Apr-21	835	17	-	852	$ 255,015	X
Dade	GRATIGNY	1545 W 68th St	804539	Dec-20	Nov-22	778	64	1	843	$ 20,082	X
East	GREENACRES	4101 S. Military Trail	401032	Dec-20	Mar-23	2,162	323	2	2,487	$ 8,269	
East	GREENACRES	4101 S. Military Trail	401035	Nov-18	Jun-23	3,055	78	-	3,133	$ 751,376	X
Dade	GREYNOLDS	2485 NE 163rd St	802531	Nov-18	Dec-21	1,119	345	-	1,464	$ 3,115,119	X
Dade	GREYNOLDS	2485 NE 163rd St	802534	Nov-18	Dec-21	1,990	161	1	2,152	$ 2,837,338	X
Broward	GRIFFIN	700 N Federal Hwy	709162	Aug-19	Nov-21	-	19	-	19	$ 763,849	X
Broward	HACIENDA	4900 SW 36th St	708932	Nov-18	Mar-22	911	318	1	1,230	$ 3,313,944	X
Broward	HACIENDA	4900 SW 36th St	708933	Nov-16	May-21	-	218	1	219	$ 60,034	X
Dade	HAINLIN	SW 147th Ave & 216th St	806435	Aug-16	Apr-21	1,573	70	-	1,643	$ 126,685	X
Broward	HALLANDALE	1390 E Hallandale Beach Blvd	700931	Jan-17	Aug-22	1,489	324	-	1,813	$ 657,478	X
Broward	HALLANDALE	1390 E Hallandale Beach Blvd	700936	Aug-19	May-22	2,239	105	1	2,345	$ 1,731,038	X
East	HAMLET	5605 Sims Road	409861	Dec-17	Sep-21	2,318	72	4	2,394	$ 1,046,877	X
North	HAMPTON	11320 SE CR 221	307562	Aug-18	Jun-21	146	79	-	225	$ 16,475	X
West	HARBOR	22505 Hancock Ave	503764	Nov-18	Jun-22	3,187	225	10	3,422	$ 3,862,286	X
North	HARRIS	4520 Lipscomb St	203631	Dec-20	Nov-22	1,146	89	2	1,237	$ 13,664	X
North	HARRIS	4520 Lipscomb St	203635	Jan-18	Jun-21	1,883	317	1	2,201	$ 83,943	
North	HARRIS	4520 Lipscomb St	203637	Dec-20	Nov-22	1,360	218	6	1,584	$ 9,490	X
North	HARRIS	4520 Lipscomb St	203638	Nov-15	Jun-21	583	234	1	818	$ 237,681	X
North	HASTINGS	Hastings State Rd 207	100331	Jul-19	Sep-22	671	261	4	936	$ 695,451	X
North	HASTINGS	Hastings State Rd 207	100332	Nov-20	Nov-22	396	125	1	522	$ 66,587	X
North	HASTINGS	Hastings State Rd 207	100333	Dec-19	Sep-22	686	136	3	825	$ 369,818	

Region	Substation	Substation Address	Feeder #	Estimated / Actual Start Date[1]	Current Estimated Completion Date[2]	Residential Customers	Commercial Customers	Industrial Customers	Total Customers	2020 Project Cost	Irma / Matthew Outage
Broward	HAWKINS	7010 W Mcnab Rd	702935	Nov-18	Jul-22	1,608	107	1	1,716	$ 2,635,091	X
Broward	HAWKINS	7010 W Mcnab Rd	702937	Oct-17	Jul-21	648	116	-	764	$ 34,856	X
Broward	HAWKINS	7010 W Mcnab Rd	702939	Aug-18	Apr-21	2,257	97	-	2,354	$ 9,015	X
Dade	HIALEAH	210 W 9 St	800732	Dec-20	Mar-23	1,143	76	1	1,220	$ 8,387	X
Dade	HIALEAH	210 W 9 St	800739	Dec-20	Mar-23	2,228	418	-	2,646	$ 14,963	X
Dade	HIALEAH	210 W 9 St	800740	Jun-19	Mar-22	1,744	270	1	2,015	$ 2,475,235	X
North	HIBISCUS	635 S Wickham Rd	203531	Oct-19	Sep-22	726	195	2	923	$ 486,822	X
North	HIBISCUS	635 S Wickham Rd	203532	Feb-19	Sep-21	516	289	3	808	$ 1,837,014	X
North	HIBISCUS	635 S Wickham Rd	203533	Jul-19	Nov-21	4	179	4	187	$ 1,406,731	X
North	HIBISCUS	635 S Wickham Rd	203537	Feb-19	Aug-21	242	194	2	438	$ 193,236	
North	HIBISCUS	635 S Wickham Rd	203541	Mar-18	Jun-21	1,682	206	2	1,890	$ 192,409	X
North	HIELD	SR9 & Hield Rd	208161	Nov-19	Sep-22	1,592	19	-	1,611	$ 587,696	X
North	HIELD	SR9 & Hield Rd	208163	Nov-19	Jun-22	2,223	30	-	2,253	$ 2,598,580	X
North	HIELD	SR9 & Hield Rd	208164	Sep-20	Aug-23	2,894	296	17	3,207	$ 10,908	X
North	HIELD	SR9 & Hield Rd	208167	Oct-19	Jun-22	2,274	46	1	2,321	$ 3,634,722	X
Broward	HIGHLANDS	850 SW 11th St	703834	Aug-19	Aug-22	521	19	1	541	$ 277,250	X
East	HILLCREST	4800 Dreher Tr N	400436	Oct-18	Jul-22	1,036	194	4	1,234	$ 1,478,958	X
East	HILLS	12301 SE County Line Rd	407333	Jul-18	Apr-21	1,681	44	4	1,729	$ 74,421	X
East	HILLSBORO	840 SW 19th St	404732	Oct-14	Jun-22	1,582	38	11	1,631	$ 1,991,888	X
North	HOLLAND PARK	2540 Highway A1A	202632	Oct-19	Sep-22	1,190	102	1	1,293	$ 548,224	X
North	HOLLY HILL	403 Walker St	101032	Oct-14	Apr-21	1,162	37	3	1,202	$ 67,427	X
North	HOLLY HILL	403 Walker St	101033	Sep-20	Sep-22	895	117	2	1,014	$ 405,849	X
North	HOLLY HILL	403 Walker St	101034	Feb-19	Dec-21	1,521	142	7	1,670	$ 1,744,401	X
North	HOLLY HILL	403 Walker St	101035	Nov-17	Apr-21	669	109	1	779	$ 41,157	X
North	HOLLY HILL	403 Walker St	101038	Feb-18	Jun-21	992	343	3	1,338	$ 26,708	X
Broward	HOLLYBROOK	10501 Washington St	706165	Nov-18	Mar-22	2,551	128	3	2,682	$ 1,819,452	X
Broward	HOLLYBROOK	10501 Washington St	706168	Jun-18	Apr-21	1,351	278	-	1,629	$ 87,140	X
Broward	HOLLYWOOD	709 N 21st St	700232	Dec-20	Nov-22	607	43	-	650	$ 6,970	X
Broward	HOLLYWOOD	709 N 21st St	700233	Dec-20	Aug-22	577	349	-	926	$ 5,985	X
Broward	HOLLYWOOD	709 N 21st St	700235	Dec-20	Aug-22	1,276	191	1	1,468	$ 4,922	X
Broward	HOLMBERG	6900 Holmberg Rd	706461	Jul-19	Nov-21	873	72	-	945	$ 1,085,589	X
Broward	HOLMBERG	6900 Holmberg Rd	706463	Jul-19	Mar-22	1,235	323	4	1,562	$ 2,127,700	X
Broward	HOLMBERG	6900 Holmberg Rd	706464	Nov-16	Nov-22	1,150	325	4	1,479	$ 3,005	
Broward	HOLMBERG	6900 Holmberg Rd	706465	Aug-19	Aug-22	1,139	64	3	1,206	$ 1,041,529	X
Broward	HOLY CROSS	4850 NE 19 Ave	701932	Dec-20	Nov-22	513	145	-	658	$ 10,711	X
Broward	HOLY CROSS	4850 NE 19 Ave	701935	Aug-14	Dec-20	1,461	413	2	1,876	$ 9,380	X
Broward	HOLY CROSS	4850 NE 19 Ave	701939	Dec-20	Mar-23	2,019	236	-	2,255	$ 5,237	X
Broward	HOLY CROSS	4850 NE 19 Ave	701940	Oct-19	Aug-22	887	175	12	1,074	$ 361,158	X
East	HOMELAND	W/O 441 & S/O Homeland	408661	Nov-18	May-22	2,360	200	12	2,572	$ 964,048	
Dade	HOMESTEAD	28250 SW 122 Ave	803231	Nov-18	Dec-21	-	12	-	12	$ 1,337,210	X
East	HUTCHINSON ISL	6501 S A1A	405134	Dec-15	Aug-20	3,277	116	1	3,394	$ 59,355	X
West	HYDE PARK	2826 Hyde Park St	500437	Nov-18	Feb-22	1,452	262	5	1,719	$ 1,301,522	X
East	IBM	950 NW Spanish River Blvd	404336	Jun-16	Aug-21	686	339	11	1,036	$ 620,890	X
Broward	IMAGINATION	15901 45 St	704264	Aug-16	Jun-21	1,690	121	12	1,823	$ 3,885	X
West	IMPERIAL	8812 Strike Ln	507062	Dec-20	Aug-22	3,576	375	9	3,960	$ 24,020	X
West	IMPERIAL	8812 Strike Ln	507063	Dec-20	Mar-23	2,291	378	4	2,673	$ 30,911	X
North	INDIALANTIC	200 Watson Dr	203232	Sep-18	Oct-21	1,085	39	-	1,124	$ 1,483,308	X
North	INDIALANTIC	200 Watson Dr	203233	Feb-19	Aug-21	1,266	164	4	1,434	$ 681,223	X
North	INDIAN HARBOR	2105 S Patrick Dr	202032	Nov-15	May-21	1,481	70	4	1,555	$ 107,523	X
North	INDIAN HARBOR	2105 S Patrick Dr	202033	May-18	Apr-21	2,111	140	-	2,251	$ 1,494,941	X
North	INDIAN HARBOR	2105 S Patrick Dr	202034	Apr-15	Nov-20	1,246	213	2	1,461	$ 68,381	X
North	INDIAN RIVER	950 Cheney Hwy (SR 50)	202133	Feb-18	Apr-21	2,173	104	-	2,277	$ 1,405,810	X
North	INDIAN RIVER	950 Cheney Hwy (SR 50)	202134	Oct-14	Jan-21	1,308	269	-	1,577	$ 31,125	X
North	INDIAN RIVER	950 Cheney Hwy (SR 50)	202135	Jun-18	Jun-21	2,005	104	4	2,113	$ 551,289	X
Dade	INDUSTRIAL	6050 NW 37th Ave	804632	Nov-20	Aug-23	546	270	1	817	$ 37,408	X
Dade	INDUSTRIAL	6050 NW 37th Ave	804633	Jan-17	Dec-21	-	135	1	136	$ 329,661	X
Dade	INDUSTRIAL	6050 NW 37th Ave	804634	Oct-19	Jun-23	1,145	159	1	1,305	$ 687,256	X
Dade	INDUSTRIAL	6050 NW 37th Ave	804636	Dec-20	Nov-22	779	259	-	1,038	$ 18,310	
East	INLET	1951 Avenue E	411733	Nov-15	Jul-21	1,425	110	3	1,538	$ 38,259	X
East	INLET	1951 Avenue E	411734	Dec-20	Nov-22	995	201	-	1,196	$ 30,321	X
West	IONA	17550 San Carlos Blvd	501765	Feb-18	Apr-21	3,755	282	6	4,043	$ 170,318	X
West	IXORA	6475 Enterprise Blvd	507863	Dec-20	Aug-23	1,400	235	14	1,649	$ 26,068	X
Dade	JASMINE	8805 SW Krome Ave	810565	Jun-19	May-21	3,215	170	-	3,385	$ 141,725	X
East	JENSEN	3600 US#1	403431	Nov-18	May-21	438	88	-	526	$ 80,802	
East	JENSEN	3600 US#1	403436	Nov-18	Sep-21	1,184	276	-	1,460	$ 304,521	
East	JENSEN	3600 US#1	403438	Apr-18	Jun-21	1,386	110	-	1,496	$ 167,590	X
West	JETPORT	13577 Daniels Dr	505062	Nov-15	Aug-20	1	364	1	366	$ 21,245	X
East	JUNO BEACH	11013 US #1	402632	Nov-18	Apr-22	1,235	283	1	1,519	$ 743,259	X
East	JUNO BEACH	11013 US #1	402635	Mar-15	Mar-21	986	158	5	1,149	$ 1,536,641	X
East	JUNO BEACH	11013 US #1	402638	Nov-18	Jun-22	1,634	140	3	1,777	$ 2,439,266	X
East	JUPITER	100 S. Delaware Blvd	401832	Dec-17	Aug-21	1,033	609	1	1,643	$ 550,987	X
East	JUPITER	100 S. Delaware Blvd	401837	May-18	Jun-21	610	394	1	1,005	$ 208,589	X
North	KACIE	1200 State Road 207	104732	Nov-18	Oct-21	1,220	146	23	1,389	$ 1,472,325	X
North	KACIE	1200 State Road 207	104733	Jul-18	Sep-21	1,468	549	6	2,023	$ 873,695	X
Dade	KENDALL	8175 SW 102nd St	804335	Aug-18	Jan-22	1,688	121	2	1,811	$ 827,797	X
Dade	KILLIAN	11800 SW 99th Ave	807631	Jun-19	Mar-22	985	77	-	1,062	$ 1,361,701	X
Dade	KILLIAN	11800 SW 99th Ave	807632	Dec-20	Mar-23	1,200	30	-	1,230	$ 3,898	X
Dade	KILLIAN	11800 SW 99th Ave	807633	Dec-20	Mar-23	1,158	23	-	1,181	$ 16,893	X
Dade	KILLIAN	11800 SW 99th Ave	807635	Jun-19	Mar-22	1,705	203	-	1,908	$ 1,042,583	X
East	KIMBERLY	11000 Yamato Rd	406861	May-18	Apr-21	1,870	32	3	1,905	$ 116,641	X
East	KIMBERLY	11000 Yamato Rd	406862	Dec-20	Mar-23	1,551	93	13	1,657	$ 13,861	X
East	KIMBERLY	11000 Yamato Rd	406864	May-18	Jun-23	2,070	264	-	2,334	$ 2,164,734	X
East	KIMBERLY	11000 Yamato Rd	406865	Dec-20	Nov-22	1,909	69	6	1,984	$ 17,444	X
East	KIMBERLY	11000 Yamato Rd	406867	Jun-18	Dec-21	3,234	89	2	3,325	$ 1,232,494	X
West	LABELLE	3880 SR 29 S	502463	Sep-18	Nov-22	1,155	216	5	1,376	$ 2,149,098	X
East	LAKE IDA	1600 Lake Ida Rd	409531	Mar-17	Dec-21	1,350	269	3	1,622	$ 584,766	X
East	LAKE IDA	1600 Lake Ida Rd	409534	Aug-16	Aug-21	2,673	136	4	2,813	$ 113,052	
East	LAKE PARK	1216 US#1	403935	Nov-18	Jun-23	2,027	275	1	2,303	$ 1,863,488	X
East	LAKE PARK	1216 US#1	403937	Nov-15	Feb-21	2,056	63	-	2,119	$ 45,596	X
Broward	LAKEVIEW	6181 N Powerline Rd	704938	Nov-17	Jan-21	1,470	26	3	1,499	$ 46,275	X
Broward	LAKEVIEW	6181 N Powerline Rd	704939	May-18	Mar-21	2,316	162	4	2,482	$ 97,959	X
West	LAURELWOOD	2501 Laurel Rd E	509961	Nov-20	Jun-23	1,454	352	21	1,827	$ 37,920	
Dade	LAWRENCE	1951 NW 11th St	805134	Jul-14	Jul-22	2,167	150	-	2,317	$ 3,387,113	X
Dade	LAWRENCE	1951 NW 11th St	805136	Jun-16	Jul-22	2,116	429	1	2,546	$ 2,059,638	X
Dade	LEMON CITY	7645 NE 3rd Pl	807732	Nov-16	Sep-21	1,513	202	3	1,718	$ 400,118	X
North	LEWIS	179 St Rd 16	102633	Jul-19	Oct-21	472	70	3	545	$ 388,127	X
North	LEWIS	179 St Rd 16	102636	Nov-19	Nov-21	582	285	7	874	$ 674,116	X
Dade	LINDGREN	8121 SW 137th Ave	808261	Apr-19	Mar-21	3,351	143	-	3,494	$ 9,256	
East	LINTON	200 NE 2nd Ave	401931	Sep-14	Mar-21	1,301	330	11	1,642	$ 203,973	X
East	LINTON	200 NE 2nd Ave	401934	Nov-18	Jul-22	1,206	301	3	1,510	$ 2,675,551	

Region	Substation	Substation Address	Feeder #	Estimated / Actual Start Date[1]	Current Estimated Completion Date[2]	Residential Customers	Commercial Customers	Industrial Customers	Total Customers	2020 Project Cost	Irma / Matthew Outage
East	LINTON	200 NE 2nd Ave	401935	Nov-18	Feb-22	1,340	160	10	1,510	$ 1,572,840	X
Dade	LITTLE RIVER	521 NW 71 St	800631	Mar-15	Nov-20	1,894	178	1	2,073	$ 7,707	X
North	LIVE OAK	Cooper & Waterman St	300632	Jul-18	Apr-21	543	175	1	719	$ 35,815	X
West	LIVINGSTON	3191 Golden Gate Pkwy	506666	Dec-20	Nov-22	287	1,236	12	1,535	$ 9,372	X
West	LIVINGSTON	3191 Golden Gate Pkwy	506667	Oct-16	Apr-21	1,666	108	10	1,784	$ 150,427	X
East	LOXAHATCHEE	200 Flying Cow Ranch Rd	407661	Aug-16	Jul-21	545	172	5	722	$ 237,938	X
East	LOXAHATCHEE	200 Flying Cow Ranch Rd	407662	Dec-17	Jul-22	2,461	57	11	2,529	$ 3,438,827	X
East	LOXAHATCHEE	200 Flying Cow Ranch Rd	407664	Dec-20	Jun-22	1,673	197	5	1,875	$ 19,492	X
East	LOXAHATCHEE	200 Flying Cow Ranch Rd	407665	Mar-17	Sep-21	2,879	259	11	3,149	$ 1,201,518	X
East	LOXAHATCHEE	200 Flying Cow Ranch Rd	407666	Aug-14	May-21	957	322	2	1,281	$ 139,409	X
North	LPGA	2494 LPGA Blvd (3/4 mile W/O I-95)	108262	Feb-19	May-21	1,392	84	65	1,541	$ 1,153,704	X
Broward	LYONS	900 SE 15th St (McNab Rd)	701133	Sep-16	Aug-20	1,542	156	4	1,702	$ 7,212	X
Broward	LYONS	900 SE 15th St (McNab Rd)	701161	Aug-19	Nov-21	1,931	101	3	2,035	$ 391,426	
North	MACCLENNY	BTWN SR 121 & SR 228 on Jonathan St	300962	Jul-18	Apr-21	318	49	2	369	$ 7,163	X
North	MADISON	610 Ranney Ave	102231	Sep-19	Sep-22	1,347	202	2	1,551	$ 367,412	X
North	MADISON	610 Ranney Ave	102232	Jun-20	Nov-21	250	17	1	268	$ 678,299	X
North	MADISON	610 Ranney Ave	102234	Sep-19	Sep-22	1,024	197	1	1,222	$ 350,454	X
North	MADISON	610 Ranney Ave	102235	Jan-18	Jun-21	1,935	155	1	2,091	$ 247,379	X
North	MADISON	610 Ranney Ave	102236	Sep-18	Jun-21	992	126	1	1,119	$ 100,703	X
Broward	MALLARD	8300 Block Of Southgate Blvd	704561	Jul-19	Mar-22	3,607	163	5	3,775	$ 1,731,144	X
Broward	MALLARD	8300 Block Of Southgate Blvd	704565	Dec-20	Nov-22	2,778	111	1	2,890	$ 8,742	X
Broward	MALLARD	8300 Block Of Southgate Blvd	704569	Feb-19	Aug-22	3,472	222	6	3,700	$ 882,343	X
Broward	MARGATE	6801 Winfield Blvd	702231	Oct-19	Aug-22	1,515	282	5	1,802	$ 973,307	X
Broward	MARGATE	6801 Winfield Blvd	702232	Oct-19	Aug-22	1,614	53	2	1,669	$ 473,009	X
Broward	MARGATE	6801 Winfield Blvd	702233	Jun-19	Jan-22	1,322	24	2	1,348	$ 2,254,985	X
Broward	MARGATE	6801 Winfield Blvd	702237	Jul-19	May-22	2,213	156	5	2,374	$ 2,591,992	X
Broward	MARGATE	6801 Winfield Blvd	702261	Oct-19	Aug-22	1,119	351	2	1,472	$ 511,668	
Dade	MARION	8045 SW 117th Ave	802732	Dec-20	Nov-22	1,329	227	-	1,556	$ 18,232	X
Dade	MARION	8045 SW 117th Ave	802733	Dec-20	Aug-22	384	123	-	507	$ 21,894	X
Dade	MARION	8045 SW 117th Ave	802739	Jun-19	Sep-21	1,514	166	-	1,680	$ 368,541	
East	MARYMOUNT	Clintmore and Military Tr	410032	Sep-18	Jul-21	-	76	4	80	$ 161,503	X
North	MATANZAS	800 State Road 206 E	102531	Jul-18	Aug-21	1,078	197	4	1,279	$ 238,596	X
North	MATANZAS	800 State Road 206 E	102533	Jun-20	Aug-21	2,638	174	20	2,832	$ 1,414,054	X
North	MATANZAS	800 State Road 206 E	102534	Sep-20	Sep-22	52	13	1	66	$ 242,107	X
Broward	MCARTHUR	2000 NW 51 Ave	702733	Oct-19	Aug-22	1,664	65	2	1,731	$ 785,227	X
Broward	MCARTHUR	2000 NW 51 Ave	702737	Nov-18	May-22	1,138	249	1	1,388	$ 2,414,748	X
Broward	MCARTHUR	2000 NW 51 Ave	702738	Dec-20	Nov-22	2,027	123	4	2,154	$ 11,026	
Broward	MCARTHUR	2000 NW 51 Ave	702739	Jun-18	Jun-21	1,483	124	2	1,609	$ 91,301	X
Broward	MCARTHUR	2000 NW 51 Ave	702740	Nov-20	Nov-22	2,239	77	1	2,317	$ 49,064	X
Broward	MCARTHUR	2000 NW 51 Ave	702741	Nov-20	Aug-22	2,186	76	1	2,263	$ 31,817	X
North	MCDONNELL	6015 Sisson Rd (W/O US#1)	203931	Jun-20	Aug-23	1,264	53	3	1,320	$ 11,341	X
North	MCDONNELL	6015 Sisson Rd (W/O US#1)	203933	Dec-20	Jun-23	541	215	3	759	$ 6,300	X
North	MCMEEKIN	951 County Rd 20A	100531	Sep-19	Sep-22	986	97	-	1,083	$ 431,555	X
North	MCMEEKIN	951 County Rd 20A	100532	Nov-19	Sep-22	172	19	3	194	$ 184,001	X
North	MELBOURNE	712 Silver Palm Ave	200531	Jul-19	Nov-21	515	126	-	641	$ 1,271,879	X
North	MELBOURNE	712 Silver Palm Ave	200533	Feb-20	Nov-22	397	189	3	589	$ 31,817	X
North	MELBOURNE	712 Silver Palm Ave	200536	May-20	Nov-22	924	532	7	1,463	$ 3,505	X
Dade	MEMORIAL	5310 Miami Gardens Dr	811831	Dec-20	Nov-22	1,522	105	-	1,627	$ 25,792	X
Dade	MEMORIAL	5310 Miami Gardens Dr	811832	Dec-20	Mar-23	1,144	167	-	1,311	$ 4,765	X
Dade	MERCHANDISE	7255 NW 7th St	807237	Aug-19	Jun-21	1,197	175	-	1,372	$ 63,604	X
North	MERRITT	155 S Courtenay Pkwy	205432	Sep-14	May-21	1,045	235	-	1,280	$ 117,898	X
West	METRO	11801 Lacy Ln	506161	Jul-19	Mar-22	1,256	300	-	1,556	$ 1,791,604	X
West	METRO	11801 Lacy Ln	506163	Nov-18	Jun-22	3,494	243	17	3,754	$ 3,865,164	X
West	METRO	11801 Lacy Ln	506164	Nov-18	Nov-21	1,865	587	-	2,452	$ 2,624,317	X
Dade	MIAMI LAKES	14501 NW 77th Ave	807932	Nov-19	Dec-21	1,577	107	-	1,684	$ 932,552	X
Dade	MIAMI LAKES	14501 NW 77th Ave	807935	Jun-19	Mar-22	1,636	265	3	1,904	$ 962,314	X
Dade	MIAMI LAKES	14501 NW 77th Ave	807961	Jul-18	Sep-21	1,360	251	1	1,612	$ 512,705	X
Dade	MIAMI SHORES	500 NW 93 St	803435	Dec-20	Nov-22	1,481	108	-	1,589	$ 12,010	X
Dade	MIAMI SHORES	500 NW 93 St	803437	Mar-15	Sep-21	1,290	136	1	1,427	$ 1,652,104	X
Dade	MIAMI SHORES	500 NW 93 St	803439	Nov-15	Aug-21	1,533	183	4	1,720	$ 23,950	X
Dade	MILAM	3400 NW 79th Ave	808161	Aug-19	Jun-21	2,194	249	3	2,446	$ 174,010	
Dade	MILAM	3400 NW 79th Ave	808162	Apr-15	Aug-20	-	503	-	503	$ 586,234	
Dade	MILAM	3400 NW 79th Ave	808165	Oct-14	Jun-21	522	387	3	912	$ 207,012	X
Dade	MILAM	3400 NW 79th Ave	808169	Apr-15	Jul-21	-	560	-	560	$ 1,053,062	
East	MILITARY TRAIL	520 S Military Tr	403035	May-18	Jun-23	1,614	187	1	1,802	$ 1,669,104	X
East	MILITARY TRAIL	520 S Military Tr	403037	Mar-15	Jun-21	615	83	2	700	$ 264,667	X
East	MILITARY TRAIL	520 S Military Tr	403038	Jan-18	Oct-21	2,096	59	-	2,155	$ 858,646	
Dade	MILLER	10750 SW 58th St	805635	May-16	May-21	1,082	170	1	1,253	$ 35,287	X
Dade	MILLER	10750 SW 58th St	805636	Dec-20	Aug-22	1,782	36	1	1,819	$ 12,168	X
North	MIMS	3528 W Main St	202232	May-19	Sep-21	1,410	110	2	1,522	$ 2,582,133	X
North	MIMS	3528 W Main St	202233	Nov-19	Sep-22	1,092	64	1	1,157	$ 871,310	X
North	MIMS	3528 W Main St	202234	Oct-19	Sep-22	1,439	166	5	1,610	$ 967,797	X
North	MINUTEMAN	105 S Brevard Ave	201831	Oct-14	Jun-21	2,009	89	5	2,103	$ 24,523	X
North	MINUTEMAN	105 S Brevard Ave	201832	Sep-18	Jul-21	820	96	8	924	$ 88,659	X
Dade	MITCHELL	13607 SW 92nd Ave	809232	Dec-20	Nov-22	23	572	1	596	$ 12,010	
Dade	MITCHELL	13607 SW 92nd Ave	809233	Aug-19	Dec-21	33	134	1	168	$ 377,162	X
Broward	MOFFETT	2149 Fletcher St	704132	Aug-19	Aug-22	2,158	236	1	2,395	$ 516,873	X
Broward	MOFFETT	2149 Fletcher St	704134	Aug-19	Aug-22	1,951	139	1	2,091	$ 744,614	X
East	MONTEREY	999 SE Ruhnke St	408333	Mar-15	May-21	925	476	1	1,402	$ 248,891	X
East	MONTEREY	999 SE Ruhnke St	408335	Dec-20	Aug-22	369	228	-	597	$ 22,878	X
Broward	MOTOROLA	7641 W Sunrise Blvd	704061	Nov-13	Sep-20	2,114	230	-	2,344	$ 228,878	X
Broward	MOTOROLA	7641 W Sunrise Blvd	704063	Oct-19	Aug-22	2,099	82	4	2,185	$ 950,661	X
Broward	MOTOROLA	7641 W Sunrise Blvd	704067	Oct-19	Aug-22	1,333	290	1	1,624	$ 768,917	X
Broward	MOTOROLA	7641 W Sunrise Blvd	704070	May-18	May-21	565	219	3	787	$ 115,690	X
North	MOULTRIE	590 Shores Blvd	104934	Sep-18	Jun-21	1,185	185	3	1,373	$ 576,615	X
West	MURDOCK	2025 Tamiami Tr	502066	Aug-18	Aug-21	2,560	53	4	2,617	$ 70,727	X
West	MURDOCK	2025 Tamiami Tr	502067	Nov-18	Mar-22	2,238	75	5	2,318	$ 3,040,713	X
West	NAPLES	366 12th St NE	501233	Mar-16	Dec-20	1,069	470	4	1,543	$ 9,324	X
West	NAPLES	366 12th St NE	501238	May-18	Jun-21	722	161	7	890	$ 287,800	X
West	NAPLES	366 12th St NE	501239	Sep-18	Aug-21	1,374	438	6	1,818	$ 356,500	X
North	NASH	S/O Nash Rd on Turner Rd (W/O I-75)	306132	Aug-18	Jun-21	1,032	208	12	1,252	$ 40,112	X
Dade	NATOMA	2475 SW 16th Ct	805232	Mar-15	Sep-21	1,641	114	3	1,758	$ 101,578	X
Dade	NATOMA	2475 SW 16th Ct	805233	Nov-15	Feb-21	1,660	124	3	1,787	$ 1,057,103	X
Dade	NATOMA	2475 SW 16th Ct	805240	Jul-16	Sep-21	1,258	39	3	1,300	$ 887,657	X
Dade	NEWTON	15951 SW 42nd St	810361	Oct-18	Mar-22	2,006	49	-	2,055	$ 1,212,273	X
Broward	NOBHILL	Broward Blvd E/O Nobhill Rd	706662	Nov-18	Jun-21	2,824	149	4	2,977	$ 265,773	X
Broward	NOBHILL	Broward Blvd E/O Nobhill Rd	706663	Nov-14	Apr-21	2,646	266	2	2,914	$ 138,202	X
Broward	NOBHILL	Broward Blvd E/O Nobhill Rd	706664	Nov-18	Jan-22	1,459	119	3	1,581	$ 1,704,112	X
Dade	NORMANDY BEACH	8716 Harding Ave	801038	Nov-18	May-21	1,461	176	3	1,640	$ 94,407	
East	OAKES	2280 S US#1	406232	Sep-14	Jun-21	2,182	246	2	2,430	$ 4,193	X

Region	Substation	Substation Address	Feeder #	Estimated / Actual Start Date[1]	Current Estimated Completion Date[2]	Residential Customers	Commercial Customers	Industrial Customers	Total Customers	2020 Project Cost	Irma / Matthew Outage
East	OAKES	2280 S US#1	406235	Oct-16	Dec-21	2,114	169	1	2,284	$ 1,109,926	X
Broward	OAKLAND PARK	NE 38 St & 5 Ave	700433	Jul-19	May-22	1,391	562	2	1,955	$ 2,448,882	X
Broward	OAKLAND PARK	NE 38 St & 5 Ave	700434	Jul-19	Aug-22	1,296	209	6	1,511	$ 573,193	X
Broward	OAKLAND PARK	NE 38 St & 5 Ave	700438	Jul-18	Dec-21	1,205	262	4	1,471	$ 908,283	X
Broward	OAKLAND PARK	NE 38 St & 5 Ave	700441	Jul-19	Aug-22	759	243	1	1,003	$ 473,000	X
Broward	OAKLAND PARK	NE 38 St & 5 Ave	700461	Jul-19	Jan-22	317	15	-	332	$ 1,554,486	
Dade	OJUS	19301 NE 28th Ave	804931	Apr-15	Apr-21	1,032	467	1	1,500	$ 439,695	X
Dade	OJUS	19301 NE 28th Ave	804932	Mar-15	Aug-22	809	47	4	860	$ 1,558,353	X
East	OKEECHOBEE	65 SE 6th Ave	401635	Apr-17	Mar-21	1,469	89	3	1,561	$ 802,037	X
East	OLYMPIA	13400 SE Powerline Ave	401761	Nov-19	Jul-22	797	289	8	1,094	$ 1,516,303	X
East	OLYMPIA	13400 SE Powerline Ave	401764	Aug-20	Nov-23	296	85	12	393	$ 9,608	X
Dade	OLYMPIA HEIGHTS	9750 SW 36th St	808934	Mar-16	Mar-21	1,346	236	-	1,582	$ 193,209	X
West	ONECO	508 53rd Ave West	502932	May-18	Jun-21	2,440	182	3	2,625	$ 130,109	X
West	ONECO	508 53rd Ave West	502938	May-18	Jun-22	2,727	197	3	2,927	$ 273,124	X
North	ONEIL	335 Nassauville Rd	307761	May-17	May-22	2,958	409	30	3,397	$ 622,002	X
North	ONEIL	335 Nassauville Rd	307762	Nov-19	Sep-22	1,174	61	17	1,252	$ 444,266	X
Dade	OPA LOCKA	2201 NW 135 St	801231	Nov-15	Jan-21	1,768	260	2	2,030	$ 126,504	
Dade	OPA LOCKA	2201 NW 135 St	801233	Nov-15	Dec-21	1,333	745	5	2,083	$ 477,784	X
Dade	OPA LOCKA	2201 NW 135 St	801234	Dec-20	Mar-23	1,372	113	1	1,486	$ 11,459	X
Dade	OPA LOCKA	2201 NW 135 St	801236	Dec-20	Nov-22	515	81	1	597	$ 354	
North	ORANGEDALE	3885 County Road 16-A	101862	Nov-19	Sep-22	2,148	252	4	2,404	$ 346,213	X
North	ORANGEDALE	3885 County Road 16-A	101863	Jun-18	Sep-21	3,160	108	29	3,297	$ 1,824,700	X
North	ORANGEDALE	3885 County Road 16-A	101864	Feb-18	Sep-21	2,040	73	17	2,130	$ 1,114,675	X
West	ORANGETREE	625 24th Ave NW	507362	Nov-16	Apr-21	3,274	516	3	3,793	$ 164,724	X
West	ORANGETREE	625 24th Ave NW	507365	Nov-18	Jun-22	1,840	86	63	1,989	$ 7,959,419	X
North	ORMOND	228 N Orchard St	101132	Jun-20	Nov-21	746	167	1	914	$ 814,603	X
North	ORMOND	228 N Orchard St	101134	Sep-20	Nov-22	1,940	86	-	2,026	$ 14,097	X
North	ORMOND	228 N Orchard St	101135	Jan-18	Apr-21	1,112	78	1	1,191	$ 236,870	X
North	OSTEEN	420 N SR 415	207863	Dec-20	Aug-22	705	149	3	857	$ 10,435	X
East	PAHOKEE	660 S State Market Rd	400831	Jul-19	Aug-22	262	34	-	296	$ 8,230	X
East	PAHOKEE	660 S State Market Rd	400832	Dec-20	Aug-23	280	84	19	383	$ 2,914	X
North	PALATKA	1807 Twigg St	100431	Oct-19	Sep-22	785	143	1	929	$ 301,423	X
North	PALATKA	1807 Twigg St	100433	Nov-18	Dec-21	1,680	148	4	1,832	$ 1,620,974	X
North	PALATKA	1807 Twigg St	100434	Oct-19	Sep-22	727	170	4	901	$ 317,765	X
North	PALATKA	1807 Twigg St	100435	Nov-19	Sep-22	740	318	4	1,062	$ 404,923	X
Broward	PALM AIRE	6275 NW 31st Ave	703632	Oct-19	Jun-21	2,781	80	2	2,863	$ 27,645	
Broward	PALM AIRE	6275 NW 31st Ave	703636	Oct-19	May-22	2,005	134	3	2,142	$ 2,008,975	X
Broward	PALM AIRE	6275 NW 31st Ave	703640	Nov-19	Aug-22	1,736	130	2	1,868	$ 568,520	X
North	PALM BAY	2197 Franklin Dr NE	201633	Sep-19	Sep-22	1,655	266	1	1,922	$ 711,960	X
North	PALM BAY	2197 Franklin Dr NE	201635	Sep-18	Dec-21	2,336	117	-	2,453	$ 2,612,830	X
North	PALM BAY	2197 Franklin Dr NE	201638	Sep-17	Aug-21	1,633	186	-	1,819	$ 787,468	X
West	PALMA SOLA	7100 1st Ave W	502561	Sep-14	Aug-21	2,965	200	49	3,214	$ 117,738	X
West	PALMA SOLA	7100 1st Ave W	502562	Nov-13	Aug-22	2,503	157	20	2,680	$ 145,290	X
Dade	PALMETTO	6625 W 22nd Ct	811062	Jun-19	Dec-21	1,802	651	-	2,453	$ 1,909,466	X
West	PANACEA	2295 Commerce Pkwy	508861	Nov-18	Jan-23	3,180	157	19	3,356	$ 1,439,539	X
West	PANACEA	2295 Commerce Pkwy	508864	Nov-18	Jan-23	2,348	42	22	2,412	$ 766,801	X
West	PARK	5115 University Pkwy	505361	Jun-18	Jun-21	2,991	297	1	3,289	$ 172,768	
West	PARK	5115 University Pkwy	505363	Sep-17	Jun-21	3,214	260	10	3,484	$ 133,095	X
West	PARK	5115 University Pkwy	505364	Dec-15	Nov-20	2,677	179	-	2,856	$ 36,260	
West	PARK	5115 University Pkwy	505365	Oct-18	Jan-22	3,478	128	11	3,617	$ 655,160	X
West	PARRISH	10307 US Hwy 301 N	507562	Dec-20	Mar-23	3,196	210	13	3,419	$ 512	
West	PARRISH	10307 US Hwy 301 N	507563	Jun-19	Apr-22	2,870	116	25	3,011	$ 1,918,211	X
West	PARRISH	10307 US Hwy 301 N	507564	Dec-20	Mar-23	2,688	91	3	2,782	$ 9,608	X
North	PATRICK	988 Highway A1A N	201134	Sep-18	Sep-21	1,166	61	8	1,235	$ 1,394,845	X
North	PATRICK	988 Highway A1A N	201135	Jul-19	Nov-21	1,010	161	1	1,172	$ 1,299,290	X
West	PAYNE	1123 N Tamiami Trail	502832	Dec-20	Nov-22	1,143	118	2	1,263	$ 23,784	X
West	PAYNE	1123 N Tamiami Trail	502834	Dec-20	Nov-22	1,376	143	14	1,533	$ 16,184	X
West	PAYNE	1123 N Tamiami Trail	502835	Sep-15	Jun-21	1,231	166	5	1,402	$ 29,861	X
West	PAYNE	1123 N Tamiami Trail	502837	Dec-20	Nov-22	462	77	6	545	$ 15,160	X
Broward	PEMBROKE	4001 SW 19th St	702434	Oct-19	Aug-22	2,011	558	4	2,573	$ 1,182,273	X
Broward	PEMBROKE	4001 SW 19th St	702437	Oct-19	Aug-22	1,846	125	2	1,973	$ 811,946	X
Dade	PENNSUCO	10850 NW 107th Ave	807162	Dec-15	Jun-21	92	479	-	571	$ 201,612	X
Dade	PERRINE	18400 SW 107th Ave	804237	Oct-17	Mar-22	1,159	211	-	1,370	$ 969,306	X
Broward	PERRY	8899 Pembroke Rd	702831	Dec-20	Nov-22	2,362	152	5	2,519	$ 19,728	X
Broward	PERRY	8899 Pembroke Rd	702834	Dec-20	Nov-22	2,015	95	3	2,113	$ 13,467	X
Broward	PERRY	8899 Pembroke Rd	702836	Jun-19	Mar-22	2,221	88	2	2,311	$ 1,945,700	
Broward	PERRY	8899 Pembroke Rd	702837	Dec-20	Mar-23	1,253	172	4	1,429	$ 15,633	X
West	PHILLIPPI	2050 Fiesta St	503031	Nov-20	Nov-22	1,810	239	5	2,054	$ 68,989	
West	PHILLIPPI	2050 Fiesta St	503035	Dec-20	Aug-22	1,010	66	-	1,076	$ 17,129	
West	PHILLIPPI	2050 Fiesta St	503039	Jul-18	Jan-22	2,215	379	-	2,594	$ 201,240	X
Broward	PHOENIX	8401 Southgate Blvd	705461	Feb-19	Jun-21	2,562	171	4	2,737	$ 8,414	X
West	PINE RIDGE	7100 Goodlete Frank Rd	504364	Dec-20	Nov-22	1,195	287	14	1,496	$ 5,867	X
Broward	PINEHURST	2101 SW 9 Ave	700331	Jun-18	Jul-22	1,913	44	4	1,961	$ 2,490,242	X
Broward	PINEHURST	2101 SW 9 Ave	700332	Nov-18	Jul-22	398	380	3	781	$ 2,645,948	X
Broward	PINEHURST	2101 SW 9 Ave	700334	Oct-14	Jun-21	286	287	1	574	$ 46,276	X
Broward	PINEHURST	2101 SW 9 Ave	700338	Nov-18	May-22	127	183	2	312	$ 2,647,520	X
Broward	PINEHURST	2101 SW 9 Ave	700342	Nov-16	Jun-21	192	174	-	366	$ 11,882	X
East	PINEWOOD	16701 S SR 7	409962	Nov-17	Apr-21	1,600	260	3	1,863	$ 509,632	
East	PINEWOOD	16701 S SR 7	409963	Jan-17	Nov-21	3,721	410	22	4,153	$ 1,871,015	X
Broward	PLANTATION	4900 W Broward Blvd	701633	May-18	Jul-22	1,250	61	7	1,318	$ 4,136,355	X
Broward	PLANTATION	4900 W Broward Blvd	701635	Nov-19	Aug-22	1,913	231	1	2,145	$ 1,041,533	X
Broward	PLANTATION	4900 W Broward Blvd	701637	Oct-19	Aug-22	1,083	200	5	1,288	$ 939,011	X
East	PLATT	SCL RR & SR 710, 2 miles NW of Indiantown	404631	Dec-20	Mar-23	2,027	330	8	2,365	$ 13,034	X
East	PLATT	SCL RR & SR 710, 2 miles NW of Indiantown	404632	Dec-20	Aug-22	97	66	-	163	$ 4,174	X
Broward	PLAYLAND	4750 SW 42nd Ave	701233	Mar-15	Jun-21	2,360	260	4	2,624	$ 18,760	X
Broward	PLAYLAND	4750 SW 42nd Ave	701235	Nov-15	Aug-20	1,481	128	4	1,613	$ 27,515	X
Broward	PLAYLAND	4750 SW 42nd Ave	701236	Nov-16	May-21	1	132	-	133	$ 38,146	
East	PLAZA	1165 NW St Lucie West Blvd	410162	Feb-19	Apr-22	1,570	62	-	1,632	$ 1,607,767	
East	PLAZA	1165 NW St Lucie West Blvd	410164	Nov-19	May-22	1,890	36	-	1,926	$ 1,774,134	
East	PLUMOSUS	725 Indian Creek Pkwy	408963	Dec-17	Jun-22	2,443	715	1	3,159	$ 3,428,843	X
West	POLO	2401 Lakewood Ranch Blvd	507163	Nov-18	Jun-21	2,906	231	6	3,143	$ 437,679	X
West	POLO	2401 Lakewood Ranch Blvd	507164	Oct-18	Jun-21	1,437	566	-	2,003	$ 15,357	
Broward	POMPANO	1202 Powerline Rd	700534	Aug-18	Jun-21	642	186	2	830	$ 93,151	X
North	PORT ORANGE	3000 Spruce Creek Rd	100833	Dec-20	Nov-22	1,736	195	1	1,932	$ 5,592	X
North	PORT ORANGE	3000 Spruce Creek Rd	100836	Oct-20	Aug-22	1,068	242	2	1,312	$ 14,806	X
North	PORT ORANGE	3000 Spruce Creek Rd	100839	Oct-20	Aug-22	653	205	-	858	$ 14,570	X
East	PORT SEWALL	4250 SE Federal Hwy	404932	May-19	May-22	1,015	191	2	1,208	$ 1,641,235	X
East	PORT SEWALL	4250 SE Federal Hwy	404933	Dec-20	Nov-22	1,517	247	5	1,769	$ 9,805	X
East	PORT SEWALL	4250 SE Federal Hwy	404934	Dec-20	Nov-22	146	623	2	771	$ 9,017	X
East	PORT SEWALL	4250 SE Federal Hwy	404936	Nov-20	Mar-23	1,529	210	1	1,740	$ 32,408	X

Region	Substation	Substation Address	Feeder #	Estimated / Actual Start Date[1]	Current Estimated Completion Date[2]	Residential Customers	Commercial Customers	Industrial Customers	Total Customers	2020 Project Cost	Irma / Matthew Outage
North	PRICE	Pounds Hammock Rd, S/O Hwy 100 E	305231	Aug-18	Sep-21	1,118	143	9	1,270	$ 1,861,195	X
East	PRIMAVISTA	6501 S. US# 1	405531	Dec-20	Nov-22	2,310	49	-	2,359	$ 12,246	X
East	PRIMAVISTA	6501 S. US# 1	405532	Nov-18	May-22	1,839	62	-	1,901	$ 2,276,555	X
East	PRIMAVISTA	6501 S. US# 1	405533	Dec-20	Nov-22	1,520	86	-	1,606	$ 1,890	
East	PRIMAVISTA	6501 S. US# 1	405535	Dec-20	Nov-22	724	268	1	993	$ 10,317	
East	PRIMAVISTA	6501 S. US# 1	405536	Jan-18	May-21	1,669	50	-	1,719	$ 21,946	X
North	PRINGLE	9699 N US#1	110361	Nov-18	Jun-21	2,421	502	5	2,928	$ 571,379	X
West	PROCTOR	6161 Proctor Rd	505161	Jun-18	Jun-21	1,527	141	5	1,673	$ 139,494	X
West	PROCTOR	6161 Proctor Rd	505163	Nov-18	Dec-21	1,598	324	9	1,931	$ 2,206,496	
Broward	PROGRESSO	1430 Progresso Dr	709261	Nov-18	Jun-21	741	111	2	854	$ 123,819	X
Broward	PROGRESSO	1430 Progresso Dr	709262	May-18	Mar-22	2,401	277	7	2,685	$ 2,627,948	X
West	PUNTA GORDA	122 E Charlotte Ave	501531	Nov-18	Jun-22	1,227	285	6	1,518	$ 2,817,459	X
West	PUNTA GORDA	122 E Charlotte Ave	501534	Nov-18	May-22	1,684	162	7	1,853	$ 1,665,471	X
West	PUNTA GORDA	122 E Charlotte Ave	501536	Jun-19	Jun-23	1,553	155	7	1,715	$ 1,541,878	X
East	PURDY LANE	2200 S Military Tr	404438	Apr-15	Jun-21	1,854	193	1	2,048	$ 194,439	
East	QUANTUM	1525 High Ridge Rd	407933	Dec-13	Aug-21	1,023	344	1	1,368	$ 108,103	X
Dade	RED ROAD	6702 W 2 Ct	806835	Dec-20	Mar-23	1,370	122	2	1,494	$ 1,772	X
Dade	RED ROAD	6702 W 2 Ct	806840	Jun-19	Dec-21	-	22	4	26	$ 569,582	X
North	REED	2455 Carmen Dr	106533	Sep-18	Jun-21	946	237	3	1,186	$ 343,265	X
North	REGIS	US#1, 1.7 miles north of Bunnell (N/O Lehigh RR)	106361	Jun-18	Sep-21	1,277	338	21	1,636	$ 5,213,972	X
North	REGIS	US#1, 1.7 miles north of Bunnell (N/O Lehigh RR)	106362	Aug-16	Apr-21	1,913	30	3	1,946	$ 10,508	X
Broward	REMSBURG	Riverside Dr & Wiles Rd	705862	Jul-19	Jul-22	2,655	289	-	2,944	$ 2,532,757	
Broward	REMSBURG	Riverside Dr & Wiles Rd	705865	Dec-20	Mar-23	1,531	112	1	1,644	$ 20,673	X
Broward	REMSBURG	Riverside Dr & Wiles Rd	705867	Dec-20	Nov-22	1,934	140	3	2,077	$ 10,199	X
Broward	REMSBURG	Riverside Dr & Wiles Rd	705868	Dec-20	Nov-22	1,833	138	2	1,973	$ 9,254	X
Broward	RESERVATION	6400 Stirling Rd	703431	Nov-18	May-22	1,680	179	4	1,863	$ 2,446,383	X
North	RINEHART	1897 Rinehart Rd	207933	Jun-20	Nov-21	364	157	1	522	$ 806,623	X
North	RINEHART	1897 Rinehart Rd	207935	Aug-19	Apr-21	655	125	-	780	$ 21,454	X
North	RINEHART	1897 Rinehart Rd	207936	Aug-19	May-21	708	155	-	863	$ 112,962	X
East	RIO	1351NE Savannah Rd	407033	Feb-19	Jul-22	1,294	214	2	1,510	$ 1,364,226	X
East	RIO	1351NE Savannah Rd	407035	Feb-19	May-22	969	476	2	1,447	$ 1,374,547	X
East	RIO	1351NE Savannah Rd	407036	May-19	Jul-22	1,420	143	1	1,564	$ 1,501,778	X
Dade	RIVERSIDE	4631 NW 4 St	800537	Jul-18	Jun-23	1,273	69	-	1,342	$ 553,822	X
Broward	ROCK ISLAND	2900 NW 31 Ave	701831	Dec-20	Mar-23	2,172	150	2	2,324	$ 9,608	X
Broward	ROCK ISLAND	2900 NW 31 Ave	701832	Oct-19	Aug-22	2,480	143	5	2,628	$ 876,099	X
Broward	ROCK ISLAND	2900 NW 31 Ave	701834	Oct-19	Mar-22	107	160	-	267	$ 1,432,981	
Broward	ROCK ISLAND	2900 NW 31 Ave	701836	Dec-20	Nov-22	1,846	170	4	2,020	$ 7,954	X
Broward	ROCK ISLAND	2900 NW 31 Ave	701838	Dec-20	Nov-22	1,507	123	3	1,633	$ 7,679	X
Broward	ROCK ISLAND	2900 NW 31 Ave	701839	Dec-20	Jun-23	1,438	517	5	1,960	$ 15,869	X
North	ROCKLEDGE	2893 Huntington Ln	203134	Mar-18	Apr-21	1,389	12	4	1,405	$ 1,464,287	X
North	ROCKLEDGE	2893 Huntington Ln	203135	Mar-20	Nov-22	451	226	3	680	$ 3,150	X
East	ROEBUCK	2385 Saratoga Rd	406331	Jul-16	Jul-21	1,136	48	-	1,184	$ 25,156	X
East	ROEBUCK	2385 Saratoga Rd	406333	Jun-18	May-21	1,949	87	-	2,036	$ 81,234	X
East	ROEBUCK	2385 Saratoga Rd	406335	Aug-16	Feb-21	823	60	-	883	$ 3,145	
Broward	ROHAN	1750 SW 31 Ave	703035	Nov-18	Mar-22	908	22	2	932	$ 2,543,192	X
Dade	RONEY	2330 Liberty Ave	809335	Nov-15	Nov-20	244	38	3	285	$ 40,460	
Dade	RONEY	2330 Liberty Ave	809341	Nov-15	Sep-21	1,151	89	-	1,240	$ 68,132	
East	ROSEDALE	5750 12th St	410761	Nov-18	Aug-21	1,298	89	12	1,399	$ 851,268	X
East	ROSEDALE	5750 12th St	410762	Nov-18	Dec-21	2,103	63	-	2,166	$ 1,457,025	X
Dade	ROSELAWN	1485 W 37th St	807031	Oct-18	Apr-21	2,063	97	-	2,160	$ 194,411	
Dade	ROSELAWN	1485 W 37th St	807038	Oct-15	Nov-20	1,273	83	-	1,356	$ 4,200	X
East	ROSS	4948 Donald Ross Rd	408163	Dec-20	Nov-22	2,532	169	-	2,701	$ 9,332	X
East	ROSS	4948 Donald Ross Rd	408168	Dec-20	Mar-23	2,369	384	1	2,754	$ 5,592	X
West	ROTONDA	149 Boundry Blvd	505665	Oct-15	Jun-21	2,259	407	26	2,692	$ 514,225	X
West	RUBONIA	1201 49 St E	505261	Dec-20	Aug-23	1,575	495	18	2,088	$ 18,468	X
West	RUBONIA	1201 49 St E	505262	Dec-20	Aug-23	3,116	310	16	3,442	$ 4,568	X
East	RYDER	8125 PGA Blvd	410661	Dec-20	Apr-22	1,809	329	-	2,138	$ 14,491	
East	SABAL	350 NW Enterprise Rd	408763	Jul-18	May-21	3,039	291	-	3,330	$ 55,364	X
Broward	SAMPLE ROAD	1501 E Sample Rd	701031	Sep-16	Aug-20	1,735	151	4	1,890	$ 24,640	X
Broward	SAMPLE ROAD	1501 E Sample Rd	701038	Oct-19	Aug-22	2,244	326	1	2,571	$ 886,892	
Broward	SAMPLE ROAD	1501 E Sample Rd	701039	Nov-15	Mar-21	901	222	1	1,124	$ 91,949	X
Broward	SAMPLE ROAD	1501 E Sample Rd	701041	Jun-19	Jan-22	916	91	2	1,009	$ 919,713	X
West	SAN CARLOS	7501 Alico Rd	507261	Jul-19	Apr-22	2,318	455	12	2,785	$ 3,621,451	X
North	SAN MATEO	380 S Hwy 17	108433	Sep-18	Oct-21	1,009	219	3	1,231	$ 1,467,507	X
East	SANDALFOOT	22859 Tradewind Rd	405034	Dec-20	Nov-22	999	99	6	1,104	$ 14,963	X
East	SANDALFOOT	22859 Tradewind Rd	405035	Dec-20	Nov-22	2,094	54	5	2,153	$ 10,120	X
East	SANDALFOOT	22859 Tradewind Rd	405036	Dec-20	Mar-23	2,205	202	3	2,410	$ 11,144	X
North	SANFORD	2600 W 1st St	200133	Dec-19	Sep-22	1,370	437	2	1,809	$ 936,052	X
West	SARASOTA	1025 Orange Ave N	500132	Jun-18	Aug-21	726	334	8	1,068	$ 100,248	X
West	SARASOTA	1025 Orange Ave N	500164	Oct-18	Dec-21	725	155	5	885	$ 796,723	X
North	SARNO	4735 Aurora Rd	205632	Nov-19	Sep-22	970	363	2	1,335	$ 673,949	X
North	SARNO	4735 Aurora Rd	205633	Nov-19	Sep-22	829	405	3	1,237	$ 641,787	X
North	SATELLITE	1403 S Patrick Dr	204133	Jan-18	Jul-21	1,596	104	2	1,702	$ 137,704	X
East	SAVANNAH	8895 S US#1	406434	Feb-19	May-22	1,562	146	-	1,708	$ 1,471,637	X
Broward	SAWGRASS	14299 NW 8th St	707463	Oct-19	Jan-22	-	67	1	68	$ 952,408	
Broward	SAWGRASS	14299 NW 8th St	707464	Nov-18	Nov-21	715	143	2	860	$ 2,073,978	X
North	SCOTTSMOOR	1631 S. US Highway 1	105061	Sep-19	Sep-22	2,032	256	2	2,290	$ 1,029,884	X
Dade	SEABOARD	8100 NW 37 Ave	803631	Oct-14	Jun-21	1,388	168	-	1,556	$ 178,810	X
East	SEBASTIAN	10999 County Rd 512	405761	Feb-19	Apr-22	2,233	226	1	2,460	$ 3,404,109	X
East	SEBASTIAN	10999 County Rd 512	405764	Feb-19	Nov-21	1,395	42	-	1,437	$ 1,346,956	
Dade	SEMINOLA	500 W 21st St	808532	Jun-18	Dec-21	2,200	352	1	2,553	$ 1,874,926	X
Dade	SEMINOLA	500 W 21st St	808534	Apr-15	Jun-21	471	233	-	704	$ 254,415	X
Dade	SEMINOLA	500 W 21st St	808537	Oct-18	Mar-22	1,385	463	3	1,851	$ 1,928,273	X
Dade	SEMINOLA	500 W 21st St	808538	Oct-18	Dec-21	4	69	-	73	$ 254,476	
Broward	SHERIDAN	8851 Sheridan St	707031	Nov-20	Nov-22	1,791	118	4	1,913	$ 66,626	X
Broward	SHERIDAN	8851 Sheridan St	707033	Dec-20	Nov-22	1,006	116	1	1,123	$ 25,201	X
Broward	SHERIDAN	8851 Sheridan St	707034	Jun-19	Jan-22	1,372	68	5	1,445	$ 1,581,809	X
East	SHERMAN	4701 SR 710	406062	Sep-13	Jun-21	3,546	371	4	3,921	$ 221,957	X
East	SHERMAN	4701 SR 710	406063	Sep-15	Jun-21	2,672	319	3	2,994	$ 2,166,198	
East	SHERMAN	4701 SR 710	406064	Dec-20	Mar-23	544	225	2	771	$ 10,750	X
Broward	SILVERLAKES	N/O Miramar Pkwy, W/O SW 196 Ave	708561	Oct-19	Aug-22	1,050	52	-	1,102	$ 706,987	X
Dade	SIMPSON	199 SW 14th St	809932	Jul-18	Mar-21	797	27	-	824	$ 105,325	
Dade	SIMPSON	199 SW 14th St	809936	Jun-16	Jul-22	1,714	141	3	1,858	$ 1,217,520	X
Broward	SISTRUNK	420 NW 6 Ave	700132	Jul-19	Aug-22	1,666	532	3	2,201	$ 1,309,489	X
Broward	SISTRUNK	420 NW 6 Ave	700134	Nov-17	Jun-21	2,338	115	3	2,456	$ 8,755	X
Broward	SISTRUNK	420 NW 6 Ave	700137	Aug-19	Aug-22	3,184	305	6	3,495	$ 934,350	X
Broward	SISTRUNK	420 NW 6 Ave	700138	Jul-19	Mar-22	823	100	1	924	$ 1,220,825	X
Broward	SISTRUNK	420 NW 6 Ave	700144	Mar-15	Jun-21	1,442	253	7	1,702	$ 20,011	X
Dade	SNAKE CREEK	3875 NW 203rd St	808434	Jul-18	Jul-22	1,414	69	-	1,483	$ 775,142	X
West	SOLANA	1405 Solana Rd	503132	Sep-17	Jun-21	2,353	266	12	2,631	$ 164,724	X

Region	Substation	Substation Address	Feeder #	Estimated / Actual Start Date[1]	Current Estimated Completion Date[2]	Residential Customers	Commercial Customers	Industrial Customers	Total Customers	2020 Project Cost	Irma / Matthew Outage
West	SOLANA	1405 Solana Rd	503134	Dec-15	Jan-21	1,501	280	5	1,786	$ 229,370	X
West	SOLANA	1405 Solana Rd	503135	Dec-20	Aug-22	1,443	73	7	1,523	$ 13,034	X
West	SOLANA	1405 Solana Rd	503136	Nov-16	Nov-21	1,032	177	4	1,213	$ 575,722	X
West	SORRENTO	1001 Bay St	504831	Apr-15	Jun-21	2,116	265	4	2,385	$ 25,595	X
West	SORRENTO	1001 Bay St	504833	Dec-20	Nov-22	1,312	63	2	1,377	$ 13,743	X
West	SORRENTO	1001 Bay St	504834	Dec-20	Aug-23	2,146	99	2	2,247	$ 10,711	X
West	SORRENTO	1001 Bay St	504835	Nov-18	Jun-21	2,210	107	3	2,320	$ 98,115	
East	SOUTH BAY	1249 S US Hwy 27	403632	Dec-17	Feb-22	775	147	3	925	$ 5,061,540	X
North	SOUTH DAYTONA	1601 S Palmetto Ave	100933	Jul-19	Nov-21	1,283	128	2	1,413	$ 918,302	X
North	SOUTH DAYTONA	1601 S Palmetto Ave	100935	Jul-19	Nov-21	1,175	129	7	1,311	$ 1,186,710	X
North	SOUTH DAYTONA	1601 S Palmetto Ave	100937	Feb-19	Jun-21	1,502	95	4	1,601	$ 110,335	X
Dade	SOUTH MIAMI	5797 SW 68th St	802437	Nov-18	Jul-22	1,062	202	8	1,272	$ 398,387	X
West	SOUTH VENICE	150 Grove Rd	503433	Dec-20	Nov-22	1,575	64	1	1,640	$ 14,412	X
West	SOUTH VENICE	150 Grove Rd	503434	Dec-20	Jun-23	1,724	302	2	2,028	$ 14,609	X
West	SOUTH VENICE	150 Grove Rd	503435	Jul-18	Jun-21	2,467	37	4	2,508	$ 17,490	X
East	SOUTHFORK	9781 SW Pratt-Whitney Road	410861	Sep-16	Jan-21	2,908	182	1	3,091	$ 82,299	X
East	SOUTHFORK	9781 SW Pratt-Whitney Road	410862	Feb-19	Jul-22	983	537	1	1,521	$ 3,373,858	X
Broward	SOUTHSIDE	200 SW 7th St	705531	Dec-20	Nov-22	602	157	8	767	$ 13,703	X
Broward	SOUTHSIDE	200 SW 7th St	705532	Dec-20	Nov-22	978	168	16	1,162	$ 7,836	
Broward	SOUTHSIDE	200 SW 7th St	705538	Jul-19	Aug-22	1,660	348	4	2,012	$ 706,005	X
Broward	SOUTHSIDE	200 SW 7th St	705564	Dec-20	Nov-22	1,895	163	2	2,060	$ 16,263	X
Dade	SPOONBILL	16975 NW 97th Ave	811162	Oct-15	May-21	3,099	597	4	3,700	$ 183,611	X
Broward	SPRINGTREE	8801 NW 44th St	704661	Oct-19	Aug-22	2,382	308	5	2,695	$ 719,986	X
North	SPRUCE	5831 Airport Rd	106461	Sep-18	Sep-21	3,213	427	3	3,643	$ 1,926,369	X
North	SPRUCE	5831 Airport Rd	106464	Dec-19	Sep-22	1,357	61	3	1,421	$ 458,982	X
North	SPRUCE	5831 Airport Rd	106465	Sep-19	Sep-22	2,494	186	6	2,686	$ 1,174,588	X
East	SQUARE LAKE	9202 Howell Ln	407731	Jan-18	Oct-21	2,492	161	-	2,653	$ 586,141	
East	SQUARE LAKE	9202 Howell Ln	407732	Jan-18	Dec-21	1,587	257	1	1,845	$ 1,261,244	
East	SQUARE LAKE	9202 Howell Ln	407734	Dec-20	Nov-22	863	61	-	924	$ 15,042	X
East	SQUARE LAKE	9202 Howell Ln	407735	Jun-18	Sep-21	1,683	57	-	1,740	$ 356,324	X
North	ST AUGUSTINE	132 Cedar St	100231	Nov-17	Apr-21	1,239	145	12	1,396	$ 435,864	X
North	ST AUGUSTINE	132 Cedar St	100232	Jul-19	Oct-21	450	323	2	775	$ 452,669	X
North	ST AUGUSTINE	132 Cedar St	100234	Jun-18	Sep-22	104	274	4	382	$ 510,119	X
North	ST AUGUSTINE	132 Cedar St	100235	Nov-17	Jun-21	1,497	236	8	1,741	$ 26,503	X
North	ST AUGUSTINE	132 Cedar St	100236	Nov-19	Sep-22	1,084	309	9	1,402	$ 211,843	X
North	ST JOE	N/O St. Joe Rd on Old Kings Hwy	102364	Jun-20	Mar-23	2,582	153	8	2,743	$ 23,666	X
North	STARKE	Colley Rd & Laura St (SR 261)	303161	Aug-18	Apr-21	572	85	1	658	$ 1,173,286	X
North	STARKE	Colley Rd & Laura St (SR 261)	303162	Jun-17	Jun-21	727	106	1	834	$ 39,754	X
Broward	STIRLING	3941 Thomas St	701732	Nov-18	May-22	949	128	1	1,078	$ 2,651,202	X
Broward	STIRLING	3941 Thomas St	701739	Nov-18	May-22	517	190	1	708	$ 2,412,816	X
Broward	STONEBRIDGE	6600 S Flamingo Rd	704761	Jan-20	Aug-22	2,583	229	6	2,818	$ 1,606,069	X
Broward	STONEBRIDGE	6600 S Flamingo Rd	704763	Aug-14	Jul-21	2,301	257	9	2,567	$ 33,857	
Broward	STONEBRIDGE	6600 S Flamingo Rd	704764	Aug-19	Jan-22	1,623	128	4	1,755	$ 1,514,972	X
Broward	STONEBRIDGE	6600 S Flamingo Rd	704765	Jun-19	Mar-21	2,324	97	3	2,424	$ 46,623	X
Broward	STONEBRIDGE	6600 S Flamingo Rd	704766	Oct-19	Aug-22	1,714	132	1	1,847	$ 1,126,823	X
Broward	STONEBRIDGE	6600 S Flamingo Rd	704767	Dec-17	Mar-22	2,646	72	11	2,729	$ 1,935,377	X
West	SUMMIT	191 Weber Blvd N	509061	Aug-16	Jun-21	3,166	189	3	3,358	$ 78,943	X
Dade	SUNILAND	12250 Sw 82nd Ave	806533	Apr-15	Dec-21	581	125	8	714	$ 909,303	X
North	SUNTREE	7855 N Wickham Rd	204362	Jan-19	Jun-21	2,725	139	-	2,864	$ 348,034	X
North	SUNTREE	7855 N Wickham Rd	204363	Sep-20	Sep-22	2,638	231	-	2,869	$ 584,772	X
North	SUNTREE	7855 N Wickham Rd	204364	Jul-19	Nov-21	569	110	-	679	$ 1,057,956	X
East	SWEATT	31500 NW 224th ST	409363	Sep-17	Jun-21	311	141	2	454	$ 8,978	X
Dade	SWEETWATER	13655 NW 6th St	809765	Aug-18	Jun-23	2,633	186	-	2,819	$ 2,930,975	X
Dade	SWEETWATER	13655 NW 6th St	809767	Aug-18	Mar-22	2,509	30	-	2,539	$ 1,251,523	X
North	SYKES CREEK	970 E. Merritt Island Cswy	201731	Nov-18	Dec-21	457	314	-	771	$ 1,601,032	X
North	SYKES CREEK	970 E. Merritt Island Cswy	201735	Nov-18	Oct-21	1,069	91	-	1,160	$ 2,013,570	X
North	SYKES CREEK	970 E. Merritt Island Cswy	201736	Nov-18	Dec-21	1,564	119	2	1,685	$ 4,287,108	X
North	SYLVAN	7370 Markham Rd	205933	Jun-20	Nov-21	962	123	-	1,085	$ 844,921	X
North	SYLVAN	7370 Markham Rd	205937	Nov-19	Sep-22	745	72	4	821	$ 444,286	X
East	TARTAN	N/O SR 804 on Military Tr	407862	Nov-16	May-21	2,308	108	4	2,420	$ 282,930	X
North	TAYLOR	5055 Spruce Creek Road	104832	Nov-19	Nov-21	1,219	164	2	1,385	$ 1,208,220	
North	TAYLOR	5055 Spruce Creek Road	104833	Jun-20	Nov-21	1,215	24	3	1,242	$ 724,932	X
North	TAYLOR	5055 Spruce Creek Road	104837	Jun-19	May-21	836	19	-	855	$ 176,887	X
East	TERMINAL	1145 23rd St	402131	Oct-13	Oct-20	1,627	161	7	1,795	$ 17,819	X
East	TERMINAL	1145 23rd St	402134	Jul-18	Jan-22	1,265	233	4	1,502	$ 867,374	X
East	TERMINAL	1145 23rd St	402137	Oct-14	Jun-21	2,586	164	-	2,750	$ 497,364	X
East	TESORO	3290 SE Southbend Blvd	411961	Sep-16	Mar-21	1,553	123	-	1,676	$ 32,421	X
West	TICE	10675 SR 80	501832	Feb-19	Jun-22	2,236	193	2	2,431	$ 2,138,769	X
West	TICE	10675 SR 80	501833	Feb-17	May-21	2,230	155	49	2,434	$ 27,039	X
West	TICE	10675 SR 80	501835	Oct-18	Jul-21	2,743	303	36	3,082	$ 9,657	X
Broward	TIMBERLAKE	5300 S University Dr	705231	Nov-18	Mar-22	1,070	261	5	1,336	$ 2,377,615	X
Broward	TIMBERLAKE	5300 S University Dr	705232	Feb-19	Jun-21	634	338	3	975	$ 61,609	X
Broward	TIMBERLAKE	5300 S University Dr	705234	Oct-19	Jul-22	1,606	212	3	1,821	$ 3,371,556	X
Broward	TIMBERLAKE	5300 S University Dr	705235	Jul-18	Jun-21	2,385	398	-	2,783	$ 365,211	X
Broward	TIMBERLAKE	5300 S University Dr	705237	Aug-16	May-21	1,929	175	2	2,106	$ 93,245	X
North	TITUSVILLE	917 Tropic St	200331	Sep-19	Jun-22	696	397	1	1,094	$ 3,009,747	X
North	TITUSVILLE	917 Tropic St	200332	Sep-19	Sep-22	2,037	83	1	2,121	$ 574,538	X
North	TITUSVILLE	917 Tropic St	200333	Nov-19	Sep-22	1,908	308	1	2,217	$ 1,014,579	X
North	TOLOMATO	US#1 AND Beefalo Rd	107631	Sep-18	Sep-21	1,417	194	5	1,616	$ 633,260	X
North	TOLOMATO	US#1 AND Beefalo Rd	107632	Nov-19	Nov-21	668	172	6	846	$ 585,439	X
Broward	TRACE	S/O Saddle Club Rd, 1 mile W/O Bonaventure Blvd	705761	Jun-19	Mar-22	2,499	226	2	2,727	$ 1,968,629	X
Broward	TRACE	S/O Saddle Club Rd, 1 mile W/O Bonaventure Blvd	705767	Jun-19	Aug-21	2,181	156	3	2,340	$ 18,316	X
Broward	TRAIN	1395 S Flagler Ave	706531	Oct-19	Aug-22	551	255	4	810	$ 723,158	X
Broward	TRAIN	1395 S Flagler Ave	706534	Nov-16	Aug-20	1,098	112	-	1,210	$ 96,757	X
Broward	TRAIN	1395 S Flagler Ave	706535	Oct-19	Aug-22	756	28	1	785	$ 277,438	X
North	TROPICANA	103 George J King Blvd	201233	Jul-19	Nov-21	487	181	3	671	$ 1,412,358	X
East	TURNPIKE	2300 SW Bayshore Blvd	406166	Mar-16	Mar-21	2,255	124	-	2,379	$ 8,978	X
West	TUTTLE	2890 8th St	504534	Nov-18	Nov-21	2,084	158	3	2,245	$ 1,281,157	X
Broward	TWINLAKES	4501 Powerline Rd	707933	Jun-19	Jun-21	141	182	-	323	$ 19,386	X
Dade	ULETA	16150 NE Miami Dr	806332	Nov-16	Jul-21	90	164	2	256	$ 95,185	X
Dade	ULETA	16150 NE Miami Dr	806336	Jul-14	Jun-21	2,267	92	3	2,362	$ 125,276	X
Dade	URBAN	10590 NW 90th St	812362	Jul-19	Apr-21	485	154	-	639	$ 25,201	X
Broward	VALENCIA	200 SW 130th Ave	706261	Jul-19	Aug-22	2,233	206	4	2,443	$ 1,103,058	X
Broward	VALENCIA	200 SW 130th Ave	706262	Oct-19	Aug-22	2,907	249	6	3,162	$ 1,251,585	X
Broward	VALENCIA	200 SW 130th Ave	706263	Dec-20	Mar-23	2,510	125	11	2,646	$ 6,734	X
Broward	VALENCIA	200 SW 130th Ave	706264	Aug-16	Jun-21	1,289	379	4	1,672	$ 3,330	X
Broward	VALENCIA	200 SW 130th Ave	706266	Oct-17	Jul-22	1,580	196	1	1,777	$ 6,009,985	X
West	VAMO	1851 Marcia St	505564	Nov-18	Sep-21	2,335	232	-	2,567	$ 1,323,455	
West	VANDERBILT	Immokalee Rd, Collier-Orange River 230kV line	506761	May-18	Nov-21	3,528	387	52	3,967	$ 616,077	X
West	VANDERBILT	Immokalee Rd, Collier-Orange River 230kV line	506763	Apr-18	Jun-21	2,738	205	7	2,950	$ 367,987	X

Region	Substation	Substation Address	Feeder #	Estimated / Actual Start Date[1]	Current Estimated Completion Date[2]	Residential Customers	Commercial Customers	Industrial Customers	Total Customers	2020 Project Cost	Irma / Matthew Outage
West	VANDERBILT	Immokalee Rd, Collier-Orange River 230kV line	506764	Oct-18	Feb-22	3,090	270	14	3,374	$ 593,168	X
Dade	VENETIAN	1925 West Ave	804437	Oct-14	May-21	720	99	6	825	$ 81,563	X
Dade	VENETIAN	1925 West Ave	804438	Oct-15	Apr-21	815	55	1	871	$ 187,530	X
West	VENICE	425 Albee Farms Rd	500331	May-18	Jun-21	1,881	180	7	2,068	$ 345,536	X
West	VENICE	425 Albee Farms Rd	500337	Nov-18	Nov-21	2,044	39	9	2,092	$ 2,309,600	X
Broward	VERENA	1401 NE Flagler Dr	700632	Nov-18	May-22	962	160	6	1,128	$ 2,754,368	X
Broward	VERENA	1401 NE Flagler Dr	700635	Oct-19	Aug-22	903	116	8	1,027	$ 824,838	X
Broward	VERENA	1401 NE Flagler Dr	700636	Oct-18	Jul-22	1,670	118	6	1,794	$ 3,367,516	X
Broward	VERENA	1401 NE Flagler Dr	700640	Oct-19	Aug-22	813	75	1	889	$ 253,976	X
Broward	VERENA	1401 NE Flagler Dr	700641	Oct-19	Aug-22	1,032	160	2	1,194	$ 505,621	X
Broward	VERENA	1401 NE Flagler Dr	700642	Mar-15	Jan-21	2,702	229	2	2,933	$ 66,912	X
North	VIERA	2950 Subline Rd	209761	Jun-20	Nov-21	1,214	112	43	1,369	$ 668,833	X
East	WABASSO	8095 66 Ave	400661	Nov-16	May-21	1,093	71	-	1,164	$ 70,827	X
East	WABASSO	8095 66 Ave	400662	Apr-20	Jun-23	1,136	284	12	1,432	$ 2,993	X
West	WALKER	908 35th Ave W	506034	Feb-19	Dec-22	780	94	4	878	$ 268,558	X
Dade	WATKINS	1680 NW 72nd Ave	811431	Jun-19	Sep-21	-	48	-	48	$ 614,762	X
Dade	WATKINS	1680 NW 72nd Ave	811432	Nov-15	Dec-21	189	170	-	359	$ 1,019,760	X
Dade	WATKINS	1680 NW 72nd Ave	811433	Jun-19	Sep-21	-	64	-	64	$ 561,772	X
North	WELLBORN	8813 CR 137	309332	Aug-18	Jun-21	170	35	-	205	$ 6,447	
East	WEST PALM BEACH	810 Charlotte Ave	400135	Dec-15	Jun-22	93	45	-	138	$ 113,593	
East	WEST PALM BEACH	810 Charlotte Ave	400138	Sep-20	Jul-22	271	102	-	373	$ 71,743	
Broward	WESTINGHOUSE	12100 Wiles Rd	703931	Dec-20	Mar-23	504	374	-	878	$ 5,552	X
Broward	WESTINGHOUSE	12100 Wiles Rd	703933	Jun-19	Apr-21	888	98	3	989	$ 42,669	X
Broward	WESTINGHOUSE	12100 Wiles Rd	703935	Dec-20	Nov-22	1,646	353	-	1,999	$ 12,955	X
Broward	WESTINGHOUSE	12100 Wiles Rd	703937	Dec-20	Mar-23	983	602	1	1,586	$ 11,774	X
Dade	WESTON VILLAGE	18701 NW 2nd Ave	807832	Jan-19	Jul-22	1,452	244	-	1,696	$ 854,508	X
Dade	WESTON VILLAGE	18701 NW 2nd Ave	807835	Apr-15	Nov-20	1,080	241	2	1,323	$ 29,477	X
East	WESTWARD	5601 Okeechobee Blvd	404034	Jul-18	Dec-21	3,176	161	3	3,340	$ 680,962	X
East	WHEELER	Wheeler Way	413232	Aug-16	Jul-21	567	97	3	667	$ 125,526	X
East	WHITE CITY	641 W Weatherbee Rd	401431	Nov-18	Jun-22	1,386	201	1	1,588	$ 2,421,501	X
West	WHITFIELD	1851 Whitfield Ave	500832	Feb-19	Feb-22	6	185	4	195	$ 1,447,438	X
West	WHITFIELD	1851 Whitfield Ave	500833	Nov-18	Dec-21	1,732	164	2	1,898	$ 2,112,658	X
West	WHITFIELD	1851 Whitfield Ave	500834	Dec-15	Feb-21	1,393	158	2	1,553	$ 37,113	X
West	WHITFIELD	1851 Whitfield Ave	500837	Aug-19	Jun-22	1,415	268	3	1,686	$ 1,409,696	X
North	WILLOW	4646 Clyde Morris Blvd	103832	Nov-20	Aug-22	755	15	-	770	$ 10,592	X
North	WILLOW	4646 Clyde Morris Blvd	103836	Jul-20	Nov-22	1,837	111	1	1,949	$ 7,049	X
West	WINKLER	3150 Winkler Ave	505465	Sep-17	Jun-23	1,720	716	-	2,436	$ 818,715	X
North	WIREMILL	14163 Arnold Rhoden Rd	301562	Jul-18	Nov-21	332	89	3	424	$ 396,298	X
Broward	WOODLANDS	5440 NW 44th St	703237	Nov-18	Jul-22	3,350	318	2	3,670	$ 3,757,207	X
West	WOODS	6308 33rd St	506965	Nov-18	Apr-22	3,392	123	10	3,525	$ 2,352,858	
North	WRIGHT	1399 Wright St	109034	Dec-19	Sep-22	2,003	249	-	2,252	$ 605,947	X
North	WYOMING	2525 Quarry Ave SE	207362	Jul-19	Sep-22	3,106	69	1	3,176	$ 2,030,620	X
North	WYOMING	2525 Quarry Ave SE	207364	Feb-16	May-21	1,679	100	1	1,780	$ 44,801	X
North	YORKE	5075 Korbin Ave	209861	Nov-19	Sep-22	607	244	1	852	$ 755,818	X
North	YORKE	5075 Korbin Ave	209863	Nov-19	Nov-21	3,036	218	1	3,255	$ 1,516,027	X
North	YULEE	40 Harts Road	301463	Sep-18	Sep-21	2,156	167	4	2,327	$ 2,630,005	X

Notes:

(1) Start date reflects estimated/actual date when initial project costs will begin to accrue (e.g., preliminary engineering/design, site preparations, customer outreach)

(2) Completion date reflects the estimated date when all project costs will be final

Appendix E: FPL 2020 Project Level Detail
Lateral Hardening (Undergrounding) - Distribution Program

Region	Substation	City/County	Lateral #	Phase	Feeder #	Estimated / Actual Start Date[1]	Current Estimated Completion Date[2]	Residential Customers	Commercial Customers	Industrial Customers	Total Customers	2020 Project Cost	Irma / Matthew Outage
Dade	62ND AVE	Miami-Dade	86454990006	Design & Outreach	801733	Jun-20	Dec-21	103	-	-	103	$ 112,044	X
East	ACREAGE	Acreage	66530470202S	Design & Outreach	406767	Feb-20	Dec-21	138	4	-	142	$ 467,597	X
East	ACREAGE	Acreage	66530471209N	Design & Outreach	406767	Feb-20	Dec-21	205	5	-	210	$ 869,461	X
Dade	AIRPORT	Miami Springs	86657776109	Design & Outreach	802631	Jun-20	Dec-21	-	2	-	2	$ 28,384	X
Dade	AIRPORT	Miami Springs	86657833102	Design & Outreach	802631	Jun-20	Dec-21	71	3	-	74	$ 13,445	X
Dade	AIRPORT	Miami Springs	86757118606	Design & Outreach	802631	Dec-19	Dec-21	112	5	-	117	$ 88,141	X
Dade	AIRPORT	Miami Springs	86757188604	Design & Outreach	802631	Dec-19	Dec-21	7	-	-	7	$ 11,951	
Dade	AIRPORT	Miami Springs	86757867803	Design & Outreach	802631	Sep-19	Dec-21	21	-	-	21	$ 4,482	
Dade	AIRPORT	Miami Springs	86757897605	Design & Outreach	802631	Sep-19	Dec-21	20	1	-	21	$ 2,988	
Dade	AIRPORT	Miami Springs	86758431308	Construction	802631	Apr-20	Nov-20	11	-	-	11	$ 119,196	X
Dade	AIRPORT	Miami Springs	86757398005	Design & Outreach	802635	Jun-20	Dec-21	45	1	-	46	$ 52,287	X
Dade	AIRPORT	Miami Springs	86757414108	Design & Outreach	802635	Jun-20	Dec-21	19	-	-	19	$ 14,939	X
Dade	AIRPORT	Miami Springs	86757478009	Construction	802635	Dec-19	Oct-20	38	-	-	38	$ 99,330	X
Dade	AIRPORT	Miami Springs	86757548201	Construction	802635	Apr-20	Nov-20	31	-	-	31	$ 456,917	X
Dade	AIRPORT	Miami Springs	86757565700	Construction	802635	Sep-19	Oct-20	14	1	-	15	$ 109,263	
Dade	AIRPORT	Miami Springs	86757635708	Construction	802635	Nov-19	Aug-20	17	1	-	18	$ 99,330	X
Dade	AIRPORT	Miami Springs	86757894509	Construction	802635	Apr-20	Jun-20	36	2	-	38	$ 99,330	
East	ALEXANDER	Palm Beach County	67139917905	Construction	408562	Apr-19	Oct-20	37	5	-	42	$ 969,296	X
West	ALLIGATOR	Collier	76581585101	Construction	503562	Jul-19	Apr-20	93	2	-	95	$ 85,004	X
West	ALLIGATOR	Collier	76581261704	Construction	503563	Aug-19	Aug-20	10	29	-	39	$ 180,259	X
East	ATLANTIC	Boca Raton	87797221308E	Construction	403231	Jul-19	Feb-20	31	-	-	31	$ 126,256	
Dade	AVOCADO	Miami-Dade	85239499000	Design & Outreach	810061	Jun-20	Dec-21	13	1	-	14	$ 26,891	
Dade	AVOCADO	Miami-Dade	85240567307	Design & Outreach	810061	Jun-20	Dec-21	2	-	-	2	$ 23,903	
Dade	AVOCADO	Miami-Dade	85241202400	Design & Outreach	810061	Jun-20	Dec-21	5	1	-	6	$ 22,409	X
Dade	AVOCADO	Miami-Dade	85241232015	Design & Outreach	810061	Jun-20	Dec-21	2	-	-	2	$ 4,482	
North	BABCOCK	Palm Bay	48313399401	Construction	204261	Jul-19	Apr-20	49	1	-	50	$ 738,535	X
West	BENEVA	Sarasota	51866272909	Design & Outreach	504132	Aug-19	Dec-21	20	-	-	20	$ 20,915	
West	BENEVA	Sarasota	51866342907	Design & Outreach	504132	Aug-19	Dec-21	22	-	-	22	$ 25,397	
West	BENEVA	Sarasota	51866422901	Design & Outreach	504132	Aug-19	Dec-21	20	-	-	20	$ 22,409	
West	BENEVA	Sarasota	51866512802N	Design & Outreach	504132	Aug-19	Dec-21	20	-	-	20	$ 23,903	
West	BENEVA	Sarasota	51866512802S	Design & Outreach	504132	Aug-19	Dec-21	18	-	-	18	$ 25,397	
West	BENEVA	Sarasota	51765890601	Construction	504133	May-19	Jun-20	83	1	-	84	$ 874,792	X
West	BENEVA	Sarasota	51765920607	Construction	504133	May-19	May-20	42	3	-	45	$ 2,000	X
West	BENEVA	Sarasota	51765920658	Construction	504133	Aug-18	Apr-20	27	-	-	27	$ 37,502	X
West	BENEVA	Sarasota	51864198604	Construction	504133	Aug-18	Apr-20	24	-	-	24	$ 2,000	X
West	BENEVA	Sarasota	51765790606S	Construction	504133	Aug-19	Dec-20	193	1	-	194	$ 1,599,326	X
West	BENEVA	Sarasota	51766223004	Construction	504136	Apr-19	Jul-20	43	-	-	43	$ 265,763	X
West	BENEVA	Sarasota	51766273001N	Construction	504136	Apr-19	Apr-20	21	-	-	21	$ 2,000	
West	BENEVA	Sarasota	51665603409	Design & Outreach	504137	Aug-19	Dec-21	156	4	-	160	$ 183,752	X
Broward	BEVERLY	Hollywood	87270122006	Construction	700834	Aug-19	Mar-20	173	71	-	244	$ 538,036	X
Broward	BEVERLY	Hollywood	87171059300	Construction	700839	Aug-19	Mar-20	153	-	-	153	$ 1,109,935	X
Broward	BEVERLY	Hollywood	87372080015	Construction	700840	Sep-19	Mar-20	133	81	-	214	$ 466,850	X
Dade	BISCAYNE	Miami-Dade	87163689201	Design & Outreach	801837	Jun-20	Dec-21	225	35	-	260	$ 300,278	X
Dade	BISCAYNE	Miami-Dade	87262846700	Design & Outreach	801838	Jun-20	Dec-21	83	3	-	86	$ 71,708	X
Dade	BISCAYNE	Miami-Dade	87262856004	Design & Outreach	801838	Jun-20	Dec-21	41	6	-	47	$ 47,805	X
East	BOCA RATON	Boca Raton	88097383201	Construction	400740	Jul-19	Feb-20	41	-	-	41	$ 281,263	X
West	BONITA SPRINGS	Bonita Springs	76195274711	Construction	502168	Aug-19	Oct-20	47	2	-	49	$ 254,512	X
Dade	BOULEVARD	Miami-Dade	87462472300	Design & Outreach	808732	Jun-20	Dec-21	57	3	-	60	$ 43,324	X
Dade	BOULEVARD	Biscayne Park	87362888109	Construction	808733	Aug-19	Sep-20	141	1	-	142	$ 1,305,062	X
Dade	BOULEVARD	Miami Shores	87361924411	Design & Outreach	808734	Nov-19	Dec-21	21	-	-	21	$ 25,397	
East	BOYNTON	Boynton Beach	68108208004	Construction	400535	Jul-19	Mar-20	55	-	-	55	$ 663,282	X
Dade	BUENA VISTA	Miami	87358404305	Design & Outreach	800332	Jun-20	Dec-21	39	1	-	40	$ 43,324	X
Dade	BUENA VISTA	Miami	87358413801E	Design & Outreach	800332	Jun-20	Dec-21	23	1	-	24	$ 26,891	
Dade	BUENA VISTA	Miami	87358413801W	Design & Outreach	800332	Jun-20	Dec-21	32	2	-	34	$ 16,433	X
North	BULOW	Volusia	37514149529	Construction	102032	Jun-19	Sep-20	101	4	-	105	$ 939,545	X
North	BULOW	Volusia	37514490006	Construction	102032	Jun-19	Nov-20	121	-	-	121	$ 1,410,817	X
North	BULOW	Volusia	37416964503	Construction	102033	Jul-19	Dec-20	38	5	-	43	$ 380,018	
North	BULOW	Volusia	37417720501	Construction	102033	Aug-19	Aug-20	74	1	-	75	$ 549,776	X
North	BULOW	Volusia	37515326102	Construction	102033	Oct-19	Feb-20	39	3	-	42	$ 227,261	X
East	CALDWELL	Boca Raton	88098037004	Design & Outreach	408034	Feb-20	Dec-21	242	1	-	243	$ 274,881	X
Broward	CHAPEL	Southwest Ranches	85973606708	Construction	706961	Nov-19	Sep-20	4	-	-	4	$ 258,257	X
North	CITY POINT	Cocoa	47644683508E	Construction	201532	Jun-19	Apr-20	82	2	-	84	$ 1,035,299	X
West	CLARK	Sarasota	51763645901W	Design & Outreach	500531	Aug-19	Dec-21	94	4	-	98	$ 106,068	X
West	CLARK	Sarasota	51763244507S	Design & Outreach	500532	Aug-19	Dec-21	130	2	-	132	$ 138,934	X
West	CLARK	Sarasota	51762174408	Construction	500534	Aug-19	Aug-20	107	2	-	109	$ 1,849,588	X
West	CLARK	Sarasota	51562715500N	Design & Outreach	500534	Aug-19	Dec-21	174	13	-	187	$ 147,898	X
West	CLARK	Sarasota	51661728509	Construction	500537	Aug-19	Apr-20	151	2	-	153	$ 300,014	X
West	CLARK	Sarasota	51662856403	Construction	500538	Mar-19	Jul-20	72	1	-	73	$ 804,288	X
West	CLARK	Sarasota	51762119300	Construction	500538	Aug-19	Apr-20	20	-	-	20	$ 2,000	X
West	CLARK	Sarasota	51662848397N	Construction	500538	Aug-19	Apr-20	103	1	-	104	$ 1,175,306	X
North	COCOA BEACH	Cocoa Beach	48542437606	Construction	200731	Jul-19	Feb-20	32	-	-	32	$ 457,272	X
Dade	COCONUT GROVE	Miami	86950078206	Construction	800436	Dec-18	Nov-20	34	2	-	36	$ 1,099,052	X
Dade	COCONUT GROVE	Miami	86950259502	Construction	800436	Dec-18	Nov-20	18	3	-	21	$ 2,000	X
Dade	COCONUT GROVE	Miami	86950199101S	Construction	800436	Dec-18	Nov-20	36	5	-	41	$ 2,000	X
West	COLONIAL	Fort Myers	55715290102	Design & Outreach	502631	Sep-19	Dec-21	142	4	-	146	$ 225,582	X
West	COLONIAL	Fort Myers	55714319409	Construction	502635	Jun-19	Oct-20	66	3	-	69	$ 1,489,821	X
West	COLONIAL	Fort Myers	55715803304	Construction	502636	Aug-19	Sep-20	18	-	-	18	$ 548,276	X
West	COLONIAL	Fort Myers	55816094801	Construction	502636	Aug-19	Sep-20	6	-	-	6	$ 216,510	X
West	COLONIAL	Fort Myers	55816220009W	Construction	502636	Aug-19	Sep-20	22	-	-	22	$ 515,775	X
West	COLONIAL	Fort Myers	55715901098	Construction	502637	Aug-19	Apr-20	11	-	-	11	$ 192,509	
Dade	COUNTY LINE	Miami Gardens	87269312000	Construction	804833	Aug-18	Dec-20	108	-	-	108	$ 1,299,062	X
Broward	COUNTY LINE	West Park	87269653605	Construction	804833	Aug-19	Mar-20	205	1	-	206	$ 1,062,828	X
Dade	COUNTY LINE	Miami Gardens	87068633108	Construction	804837	Jul-19	May-20	20	-	-	20	$ 2,000	
Dade	COUNTY LINE	Miami Gardens	87068743116	Construction	804837	Jul-19	May-20	76	-	-	76	$ 1,259,810	
Broward	CROSSBOW	Southwest Ranches	86074821703	Construction	707661	Nov-19	Sep-20	6	-	-	6	$ 89,397	
Broward	CROSSBOW	Southwest Ranches	86174841001	Construction	707661	Nov-19	Sep-20	-	6	-	6	$ 178,794	
Broward	CROSSBOW	Southwest Ranches	86174847409	Construction	707661	Dec-19	Sep-20	78	5	-	83	$ 297,989	
Dade	CUTLER	Pinecrest	86545804007	Construction	802037	May-18	Nov-20	4	-	-	4	$ 170,758	X
Dade	CUTLER	Pinecrest	86545987403	Design & Outreach	802037	Aug-19	Dec-21	51	1	-	52	$ 143,416	X
Dade	CUTLER	Pinecrest	86545924100N	Construction	802037	May-18	Nov-20	2	1	-	3	$ 2,000	X
Dade	CUTLER	Pinecrest	86545985605S	Construction	802037	May-18	Nov-20	6	-	-	6	$ 2,000	X
Dade	DADE	Miami Springs	86557899903	Design & Outreach	805433	Jun-20	Dec-21	27	-	-	27	$ 20,915	X
Dade	DADE	Miami Springs	86558621101	Design & Outreach	805433	Feb-20	Dec-21	31	5	-	36	$ 4,482	X
Dade	DADE	Miami Springs	86558621704	Design & Outreach	805433	Feb-20	Dec-21	16	-	-	16	$ 13,445	X
Dade	DADE	Miami Springs	86558654505	Construction	805433	Sep-19	Oct-20	12	1	-	13	$ 79,464	X
Dade	DADE	Miami Springs	86558655102	Design & Outreach	805433	Dec-19	Dec-21	12	-	-	12	$ 11,951	X
Dade	DADE	Miami Springs	86558722616	Construction	805433	Sep-19	Dec-20	10	-	-	10	$ 59,598	X
Dade	DADE	Miami Springs	86558733804	Construction	805433	Sep-19	Oct-20	10	-	-	10	$ 69,531	X
Dade	DADE	Miami Springs	86558782503	Design & Outreach	805433	Dec-19	Dec-21	11	-	-	11	$ 11,951	X
Dade	DADE	Miami Springs	86558842506	Design & Outreach	805433	Dec-19	Dec-21	11	1	-	12	$ 11,951	X
Dade	DADE	Miami Springs	86558881706	Design & Outreach	805433	Oct-19	Dec-21	19	-	-	19	$ 13,445	X

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Dade	DADE	Miami Springs	86558890802	Design & Outreach	805433	Oct-19	Dec-21	56	3	-	59	$ 62,745	X
Dade	DADE	Miami Springs	86657109315	Construction	805433	Sep-19	Nov-20	5	1	-	6	$ 19,866	X
Dade	DADE	Miami Springs	86657475508	Design & Outreach	805433	Jun-20	Dec-21	13	6	-	19	$ 31,372	X
Dade	DADE	Miami Springs	86558619009S	Design & Outreach	805433	Dec-19	Dec-21	27	-	-	27	$ 46,311	X
Broward	DANIA	Dania Beach	87674509404	Construction	701534	Aug-19	Mar-20	95	6	-	101	$ 174,015	X
Broward	DEERFIELD BEACH	Lighthouse Point	88092163903	Design & Outreach	703537	Jan-20	Dec-21	20	-	-	20	$ 20,915	
Broward	DEERFIELD BEACH	Lighthouse Point	88092233901N	Design & Outreach	703537	Dec-19	Dec-21	19	-	-	19	$ 19,421	
Broward	DEERFIELD BEACH	Lighthouse Point	88092018300	Design & Outreach	703540	Jan-20	Dec-21	17	-	-	17	$ 20,915	X
Broward	DEERFIELD BEACH	Lighthouse Point	88092218201	Design & Outreach	703540	Mar-20	Dec-21	21	2	-	23	$ 40,336	
Broward	DEERFIELD BEACH	Lighthouse Point	88092298302	Design & Outreach	703540	Jun-20	Dec-21	82	4	-	86	$ 16,433	
Broward	DEERFIELD BEACH	Lighthouse Point	88092298400	Design & Outreach	703540	Jun-20	Dec-21	71	2	-	73	$ 16,433	
Broward	DEERFIELD BEACH	Lighthouse Point	88092377393	Design & Outreach	703540	Feb-20	Dec-21	7	-	-	7	$ 19,421	
Broward	DRIFTWOOD	Hollywood	87074461402S	Construction	702032	Aug-19	Sep-20	31	3	-	34	$ 268,190	X
Broward	DRIFTWOOD	Hollywood	87072010306	Construction	702034	Aug-19	Jun-20	40	-	-	40	$ 250,206	X
Broward	DRIFTWOOD	Hollywood	87072124409	Construction	702034	Aug-19	Mar-20	153	-	-	153	$ 907,701	X
Broward	ELY	Pompano Beach	87987059709	Construction	702637	Nov-19	Dec-20	3	32	-	35	$ 238,391	
Broward	FAIRMONT	Fort Lauderdale	87380636302	Construction	700735	Aug-19	Sep-20	37	4	-	41	$ 297,989	
Broward	FASHION	Lighthouse Point	87990413305	Design & Outreach	704463	Feb-20	Dec-21	11	1	-	12	$ 10,457	X
Broward	FASHION	Lighthouse Point	88090083902	Design & Outreach	704463	Jan-20	Dec-21	25	-	-	25	$ 26,891	
Broward	FASHION	Lighthouse Point	88090103105	Design & Outreach	704463	Mar-20	Dec-21	5	1	-	6	$ 17,927	
Dade	FIREHOUSE	Miami	87253178201	Design & Outreach	813139	Jun-20	Dec-21	108	37	-	145	$ 80,672	X
Broward	FLAMINGO	Miramar	86369631904	Construction	707263	Aug-19	Mar-20	26	1	-	27	$ 923,767	X
West	FRUITVILLE	Sarasota	51868964506	Construction	501062	Aug-19	Jun-20	130	13	-	143	$ 292,514	X
West	FRUITVILLE	Sarasota	52067396301	Construction	501063	Aug-19	Apr-20	18	11	-	29	$ 37,502	X
West	FRUITVILLE	Sarasota	52268957001	Construction	501064	Sep-19	Apr-20	519	13	-	532	$ 512,774	X
West	FRUITVILLE	Sarasota	52268358507	Construction	501065	Sep-19	Apr-20	1	-	-	1	$ 2,000	
West	FT MYERS	Fort Myers	55716815608	Construction	501131	Aug-19	Apr-20	43	-	-	43	$ 488,523	X
West	FT MYERS	Fort Myers	55817842704W	Design & Outreach	501133	May-20	Dec-21	20	3	-	23	$ 13,445	X
West	FT MYERS	Fort Myers	56019081311	Design & Outreach	501136	Aug-19	Dec-21	139	8	-	147	$ 239,027	X
North	FT PIERCE	St. Lucie	66078993000	Construction	401534	Sep-19	Aug-20	30	-	-	30	$ 414,770	
Dade	FULFORD	Miami-Dade	87364387808	Design & Outreach	801435	Jun-20	Dec-21	49	1	-	50	$ 55,275	X
Dade	FULFORD	Miami-Dade	87365234606	Design & Outreach	801435	Jun-20	Dec-21	114	-	-	114	$ 119,514	X
Dade	FULFORD	Miami-Dade	87365252604	Design & Outreach	801435	Jun-20	Dec-21	123	-	-	123	$ 107,562	X
Dade	FULFORD	Miami-Dade	87365253601	Design & Outreach	801435	Dec-19	Dec-21	90	1	-	91	$ 104,574	X
Dade	FULFORD	North Miami Beach	87366837002	Construction	801436	Aug-18	Sep-20	106	1	-	107	$ 1,120,303	X
Dade	GALLOWAY	Miami-Dade	86450782204	Design & Outreach	805732	Dec-19	Dec-21	1	-	-	1	$ 7,470	X
Dade	GALLOWAY	Miami-Dade	86450783308	Design & Outreach	805732	Dec-19	Dec-21	13	-	-	13	$ 19,421	X
Dade	GALLOWAY	Miami-Dade	86450800334	Design & Outreach	805732	Dec-19	Dec-21	18	1	-	19	$ 80,672	X
Dade	GARDEN	Miami Gardens	86966593903	Construction	804139	Aug-19	Jul-20	-	46	-	46	$ 191,009	X
North	GARVEY	Palm Bay	48016308607	Design & Outreach	211061	Feb-20	Dec-21	209	3	-	212	$ 503,451	X
North	GARVEY	Palm Bay	48017322107	Design & Outreach	211061	Feb-20	Dec-21	46	1	-	47	$ 95,611	
North	GARVEY	Palm Bay	47816823500N	Design & Outreach	211061	Mar-20	Dec-21	149	2	-	151	$ 490,006	X
North	GARVEY	Palm Bay	48016308909E	Design & Outreach	211061	Feb-20	Dec-21	65	-	-	65	$ 132,959	
North	GARVEY	Palm Bay	48016308909W	Design & Outreach	211061	Feb-20	Dec-21	91	1	-	92	$ 252,472	X
North	GARVEY	Palm Bay	48016309603E	Design & Outreach	211061	Feb-20	Dec-21	18	-	-	18	$ 28,384	X
North	GARVEY	Palm Bay	48016309603W	Design & Outreach	211061	Feb-20	Dec-21	82	-	-	82	$ 129,971	X
North	GARVEY	Palm Bay	48017532306N	Design & Outreach	211061	Feb-20	Dec-21	73	1	-	74	$ 149,392	
North	GARVEY	Palm Bay	48017532306S	Design & Outreach	211061	Feb-20	Dec-21	22	-	-	22	$ 32,866	
North	GARVEY	Palm Bay	48017582303S	Design & Outreach	211061	Feb-20	Dec-21	6	1	-	7	$ 14,939	
North	GATOR	St. Augustine	35155789106	Design & Outreach	108362	Feb-20	Dec-21	58	-	-	58	$ 355,553	X
North	GATOR	St. Augustine	34858422505W	Design & Outreach	108362	Mar-20	Dec-21	68	7	-	75	$ 442,200	X
West	GOLDEN GATE	Collier	77085075006	Construction	504963	Aug-19	Dec-20	81	-	-	81	$ 971,046	X
West	GOLDEN GATE	Collier	77084178006	Construction	504965	Jun-19	Aug-20	31	-	-	31	$ 473,023	X
West	GOLDEN GATE	Collier	77085170301	Construction	504965	Aug-19	Dec-20	38	-	-	38	$ 2,000	X
West	GOLDEN GATE	Collier	77085170904	Construction	504965	Aug-19	Dec-20	59	1	-	60	$ 2,000	X
West	GOLDEN GATE	Collier	77085171200N	Construction	504965	Aug-19	Dec-20	119	-	-	119	$ 2,078,099	X
East	GOLF	Boynton Beach	68008001401	Construction	404131	Jun-19	Oct-20	59	1	-	60	$ 968,761	X
East	GREENACRES	Palm Springs	67716938204	Design & Outreach	401031	Jan-20	Dec-21	24	5	-	29	$ 32,866	X
East	GREENACRES	Palm Springs	67716938808	Design & Outreach	401031	Jan-20	Dec-21	34	4	-	38	$ 32,866	X
East	GREENACRES	Palm Springs	67716939308	Design & Outreach	401031	Jan-20	Dec-21	32	9	-	41	$ 32,866	
East	GREENACRES	Palm Springs	67716939901	Design & Outreach	401031	Jan-20	Dec-21	41	4	-	45	$ 29,878	
East	GREENACRES	Palm Springs	67816459916	Design & Outreach	401031	Jan-20	Dec-21	225	-	-	225	$ 261,436	X
East	GREENACRES	Palm Springs	67817200401	Design & Outreach	401031	Jan-20	Dec-21	11	2	-	13	$ 29,878	
East	GREENACRES	Palm Springs	67817260404	Design & Outreach	401031	Jan-20	Dec-21	10	-	-	10	$ 10,457	
East	GREENACRES	Palm Springs	67817660305	Design & Outreach	401031	Jan-20	Dec-21	57	4	-	61	$ 76,190	X
East	GREENACRES	Palm Springs	67817775404	Design & Outreach	401031	Jan-20	Dec-21	268	-	-	268	$ 367,504	X
East	GREENACRES	Palm Springs	67817530304S	Design & Outreach	401031	Feb-20	Dec-21	6	4	-	10	$ 14,939	
West	HANSON	Fort Myers	55816746302	Design & Outreach	508531	Aug-19	Dec-21	242	8	-	250	$ 231,557	X
West	HANSON	Fort Myers	55916223707	Construction	508531	Aug-19	Apr-20	49	3	-	52	$ 339,266	X
Dade	HIALEAH	Miami Springs	86658013303	Construction	800732	Sep-19	Sep-20	18	-	-	18	$ 99,330	X
Dade	HIALEAH	Miami Springs	86658655909	Design & Outreach	800732	Dec-19	Dec-21	13	-	-	13	$ 13,445	X
Dade	HIALEAH	Miami Springs	86658661607	Construction	800732	Sep-19	Nov-20	18	-	-	18	$ 89,397	
Dade	HIALEAH	Miami Springs	86658825308	Construction	800732	Dec-19	Oct-20	22	-	-	22	$ 168,861	
Dade	HIALEAH	Miami Springs	86658904607	Construction	800732	Dec-19	Oct-20	8	-	-	8	$ 59,598	X
Dade	HIALEAH	Miami Springs	86658275901E	Design & Outreach	800732	Dec-19	Dec-21	94	1	-	95	$ 119,514	X
Dade	HIALEAH	Miami Springs	86658284501W	Construction	800732	Sep-19	Oct-20	65	-	-	65	$ 486,716	X
Dade	HIALEAH	Miami Springs	86658755903W	Design & Outreach	800732	Sep-19	Dec-21	12	1	-	13	$ 8,964	X
Dade	HIALEAH	Miami Springs	86657869301	Construction	800738	Sep-19	Oct-20	24	-	-	24	$ 148,995	X
Dade	HIALEAH	Miami Springs	86657938974	Design & Outreach	800738	Dec-19	Dec-21	68	1	-	69	$ 77,684	X
Dade	HIALEAH	Miami Springs	86658647108	Construction	800738	Sep-19	Dec-20	7	-	-	7	$ 39,732	X
Dade	HIALEAH	Miami Springs	86658647159	Design & Outreach	800738	Sep-19	Dec-21	13	-	-	13	$ 13,445	X
Dade	HIALEAH	Miami Springs	86658662620	Design & Outreach	800738	Dec-19	Dec-21	11	-	-	11	$ 11,951	X
Dade	HIALEAH	Miami Springs	86658663103	Design & Outreach	800738	Dec-19	Dec-21	21	-	-	21	$ 11,951	X
Dade	HIALEAH	Miami Springs	86658671106	Design & Outreach	800738	Sep-19	Dec-21	54	-	-	54	$ 73,202	X
Dade	HIALEAH	Miami Springs	86658720506	Design & Outreach	800738	Dec-19	Dec-21	17	1	-	18	$ 23,903	X
Dade	HIALEAH	Miami Springs	86658821639	Construction	800738	Sep-19	Oct-20	93	15	-	108	$ 456,917	
Dade	HIALEAH	Miami Springs	86658831006	Design & Outreach	800738	Sep-19	Dec-21	27	-	-	27	$ 20,915	X
Dade	HIALEAH	Miami Springs	86658842610	Design & Outreach	800738	Dec-19	Dec-21	12	1	-	13	$ 13,445	X
Dade	HIALEAH	Miami Springs	86658911409	Design & Outreach	800738	Dec-19	Dec-21	38	22	-	60	$ 28,384	X
Dade	HIALEAH	Miami Springs	86758011724	Construction	800738	Sep-19	Oct-20	56	6	-	62	$ 168,861	
Dade	HIALEAH	Miami Springs	86758102207	Construction	800738	Nov-19	Dec-20	-	3	-	3	$ 19,866	X
North	HIELD	Palm Bay	47918866603W	Construction	208165	May-19	Jul-20	23	-	-	23	$ 312,515	X
East	HILLS	Tequesta	67740929741	Construction	407333	Sep-19	Dec-20	122	3	-	125	$ 1,000,048	
East	HILLSBORO	Boca Raton	87896647300E	Construction	404732	May-19	May-20	43	-	-	43	$ 397,769	X
Broward	HOLLYWOOD	Hollywood	87672656108	Construction	700232	Aug-19	Mar-20	153	3	-	156	$ 500,411	X
Broward	HOLLYWOOD	Hollywood	87471977010E	Construction	700237	Aug-19	Mar-20	276	11	-	287	$ 715,174	X
Broward	HOLMBERG	Parkland	87095876806	Design & Outreach	706462	Jun-20	Dec-21	-	-	-	-	$ 73,202	
Broward	HOLMBERG	Parkland	87193089201	Construction	706462	Oct-19	Dec-20	40	1	-	41	$ 605,911	X
Broward	HOLMBERG	Parkland	87195115901	Construction	706462	Apr-20	Dec-20	-	-	-	-	$ 39,732	
Broward	HOLMBERG	Parkland	87294448211	Design & Outreach	706462	Sep-19	Dec-21	226	25	-	251	$ 38,842	X
Broward	HOLMBERG	Parkland	87193229101S	Construction	706462	Apr-20	Dec-20	40	3	-	43	$ 605,911	X
Broward	HOLMBERG	Parkland	87193359101S	Construction	706462	Apr-20	Dec-20	24	1	-	25	$ 605,911	X
Broward	HOLMBERG	Parkland	87193809000	Construction	706463	Sep-19	Dec-20	41	-	-	41	$ 139,062	
Broward	HOLMBERG	Parkland	87293008901	Design & Outreach	706463	Nov-19	Dec-21	43	-	-	43	$ 109,056	X
Broward	HOLMBERG	Parkland	87193879008S	Construction	706463	Oct-19	Dec-20	-	5	-	5	$ 586,045	X

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Broward	HOLMBERG	Parkland	87093839300	Construction	706465	Oct-19	Dec-20	46	1	-	47	$ 695,308	
Broward	HOLY CROSS	Fort Lauderdale	87884411802	Design & Outreach	701937	Aug-19	Dec-21	2	5	-	7	$ 53,781	
Broward	HOLY CROSS	Fort Lauderdale	87884512102	Construction	701937	Sep-19	Jun-20	31	-	-	31	$ 268,190	
Broward	HOLY CROSS	Fort Lauderdale	87784923805	Construction	701940	Jul-19	Jun-20	32	1	-	33	$ 317,855	X
West	HYDE PARK	Sarasota	51767156301	Design & Outreach	500431	Aug-19	Dec-21	164	2	-	166	$ 162,837	X
West	HYDE PARK	Sarasota	51667926108N	Construction	500431	Jun-19	Apr-20	32	-	-	32	$ 47,252	X
West	HYDE PARK	Sarasota	51566728509E	Construction	500432	Oct-19	Aug-20	50	1	-	51	$ 861,291	X
West	HYDE PARK	Sarasota	51666513004S	Construction	500433	Jul-18	Apr-20	36	-	-	36	$ 37,252	X
West	HYDE PARK	Sarasota	51567423507	Design & Outreach	500437	Jul-19	Dec-21	67	6	-	73	$ 95,611	X
West	HYDE PARK	Sarasota	516673534005	Design & Outreach	500437	Sep-19	Dec-21	84	3	-	87	$ 92,623	X
Broward	IMAGINATION	Southwest Ranches	86275893801	Construction	704261	Nov-19	Sep-20	1	-	-	1	$ 39,732	
Broward	IMAGINATION	Southwest Ranches	86475088514	Design & Outreach	704261	Nov-19	Dec-21	12	2	-	14	$ 22,409	X
Broward	IMAGINATION	Southwest Ranches	86475198514	Design & Outreach	704261	Jun-20	Dec-21	1	2	-	3	$ 10,457	
Broward	IMAGINATION	Southwest Ranches	86475858506	Construction	704261	Nov-19	Sep-20	10	2	-	12	$ 268,190	X
Broward	IMAGINATION	Southwest Ranches	86374456708	Construction	704262	Nov-19	Dec-20	2	-	-	2	$ 119,196	
Broward	IMAGINATION	Southwest Ranches	86374458107	Construction	704262	Nov-19	Dec-20	2	-	-	2	$ 79,464	
Broward	IMAGINATION	Southwest Ranches	86375453206	Construction	704262	Nov-19	Dec-20	2	2	-	4	$ 188,726	X
Broward	IMAGINATION	Southwest Ranches	85974600207	Construction	704264	Dec-19	Sep-20	-	1	-	1	$ 69,531	
Broward	IMAGINATION	Southwest Ranches	85974601301	Construction	704264	Nov-19	Sep-20	17	-	-	17	$ 486,716	X
Broward	IMAGINATION	Southwest Ranches	86075265006	Construction	704264	Nov-19	Sep-20	1	-	-	1	$ 29,799	
Broward	IMAGINATION	Southwest Ranches	86075822011	Construction	704264	Nov-19	Sep-20	3	-	-	3	$ 89,397	
Broward	IMAGINATION	Southwest Ranches	86275117402	Construction	704264	Dec-19	Sep-20	-	3	-	3	$ 208,592	
Broward	IMAGINATION	Southwest Ranches	85974594801E	Construction	704264	Dec-19	Sep-20	1	2	-	3	$ 69,531	
West	IMPERIAL	Bonita Springs	76496516403	Design & Outreach	507063	Oct-19	Dec-21	11	-	-	11	$ 14,939	
West	IMPERIAL	Bonita Springs	76496616408	Design & Outreach	507063	Oct-19	Dec-21	28	-	-	28	$ 13,445	
West	IMPERIAL	Bonita Springs	76496746409	Design & Outreach	507063	Oct-19	Dec-21	18	-	-	18	$ 14,939	X
West	IMPERIAL	Bonita Springs	76496816407	Design & Outreach	507063	Oct-19	Dec-21	28	-	-	28	$ 13,445	X
West	IMPERIAL	Bonita Springs	76496886405	Design & Outreach	507063	Oct-19	Dec-21	21	-	-	21	$ 8,964	X
West	IMPERIAL	Bonita Springs	76596066601	Design & Outreach	507063	Oct-19	Dec-21	7	-	-	7	$ 52,287	X
West	IMPERIAL	Bonita Springs	76596147309	Design & Outreach	507063	Oct-19	Dec-21	7	-	-	7	$ 19,421	
West	IMPERIAL	Bonita Springs	76496546400N	Design & Outreach	507063	Oct-19	Dec-21	21	-	-	21	$ 13,445	
West	IMPERIAL	Bonita Springs	76496546400S	Design & Outreach	507063	Oct-19	Dec-21	26	-	-	26	$ 14,939	X
West	IMPERIAL	Bonita Springs	76496616408S	Design & Outreach	507063	Oct-19	Dec-21	35	1	-	36	$ 14,939	
West	IMPERIAL	Bonita Springs	76496686490N	Design & Outreach	507063	Oct-19	Dec-21	20	-	-	20	$ 13,445	
West	IMPERIAL	Bonita Springs	76496686490S	Design & Outreach	507063	Oct-19	Dec-21	120	26	-	146	$ 168,813	X
West	IMPERIAL	Bonita Springs	76496746409S	Design & Outreach	507063	Oct-19	Dec-21	32	-	-	32	$ 13,445	
West	IMPERIAL	Bonita Springs	76496816407S	Design & Outreach	507063	Oct-19	Dec-21	23	-	-	23	$ 14,939	X
West	IMPERIAL	Bonita Springs	76496886405S	Design & Outreach	507063	Oct-19	Dec-21	21	-	-	21	$ 14,939	
West	IMPERIAL	Bonita Springs	76496946408N	Design & Outreach	507063	Oct-19	Dec-21	23	-	-	23	$ 16,433	X
West	IMPERIAL	Bonita Springs	76496946408S	Design & Outreach	507063	Oct-19	Dec-21	31	-	-	31	$ 17,927	
West	IMPERIAL	Bonita Springs	76596066601E	Design & Outreach	507063	Oct-19	Dec-21	32	-	-	32	$ 28,384	X
West	INTERSTATE	Sarasota	52163994105	Construction	508162	Aug-19	Apr-20	3	-	-	3	$ 89,504	X
Dade	IVES	Miami-Dade	87368731104	Construction	806732	Jul-19	Aug-20	20	-	-	20	$ 321,765	X
North	JENSEN	Martin	66660958805	Construction	403439	Aug-19	Jun-20	43	-	-	43	$ 376,268	X
East	JUPITER	Jupiter	67838977707W	Construction	401837	Jul-19	May-20	71	3	-	74	$ 868,791	X
West	KELLY	Collier	76777339997	Design & Outreach	503569	Aug-19	Dec-21	288	11	-	299	$ 107,562	X
East	LAKE IDA	Delray Beach	67705951301	Construction	409533	Jul-19	Sep-20	82	5	-	87	$ 953,045	
East	LAKE IDA	Delray Beach	67905214206	Construction	409533	Sep-19	Aug-20	242	3	-	245	$ 2,876,507	X
Dade	LEMON CITY	Miami	87360925007	Construction	807731	Aug-19	Dec-20	49	-	-	49	$ 498,024	X
Dade	LEMON CITY	Miami Shores	87361772000	Design & Outreach	807731	Jun-20	Dec-21	14	-	-	14	$ 17,927	
Dade	LEMON CITY	Miami Shores	87361812001	Design & Outreach	807731	Jun-20	Dec-21	13	-	-	13	$ 16,433	
Dade	LEMON CITY	Miami Shores	87361900105	Design & Outreach	807731	Jun-20	Dec-21	75	3	-	78	$ 97,105	X
Dade	LEMON CITY	Miami Shores	87361900202	Design & Outreach	807731	Jun-20	Dec-21	5	-	-	5	$ 14,939	
Dade	LEMON CITY	Miami Shores	87361901802	Design & Outreach	807731	Nov-19	Dec-21	12	-	-	12	$ 25,397	
Dade	LEMON CITY	Miami Shores	87461030508	Design & Outreach	807731	Jun-20	Dec-21	25	-	-	25	$ 25,397	X
Dade	LEMON CITY	Miami-Dade	87360919309E	Design & Outreach	807731	Jun-20	Dec-21	46	1	-	47	$ 49,299	X
Dade	LEMON CITY	Miami	87359425519	Design & Outreach	807734	Oct-19	Dec-21	36	1	-	37	$ 47,805	X
Dade	LEMON CITY	Miami	87359456708	Design & Outreach	807734	Jan-20	Dec-21	78	-	-	78	$ 77,684	X
Dade	LEMON CITY	Miami	87359488308	Construction	807734	Oct-19	Nov-20	60	1	-	61	$ 347,654	X
Dade	LEMON CITY	Miami	87359497200	Design & Outreach	807734	Jan-20	Dec-21	72	-	-	72	$ 65,732	X
Dade	LEMON CITY	Miami	87359497706	Design & Outreach	807734	Jan-20	Dec-21	47	1	-	48	$ 47,805	X
East	LINTON	Delray Beach	68006746302	Design & Outreach	401935	Feb-20	Dec-21	74	4	-	78	$ 119,514	X
East	LINTON	Delray Beach	68006756201	Design & Outreach	401935	Feb-20	Dec-21	120	12	-	132	$ 183,752	X
East	LINTON	Delray Beach	68006770301N	Design & Outreach	401935	Feb-20	Dec-21	229	11	-	240	$ 268,905	X
East	LINTON	Delray Beach	68006770301S	Design & Outreach	401935	Feb-20	Dec-21	172	16	-	188	$ 107,562	X
Dade	LITTLE RIVER	Miami	87358609705	Construction	800637	Mar-19	Nov-20	89	2	-	91	$ 981,547	X
West	LIVINGSTON	Collier	76582762405	Construction	506664	Aug-19	Aug-20	25	-	-	25	$ 431,771	X
East	LOXAHATCHEE	Wellington	66720404505	Construction	407662	Sep-19	May-20	49	1	-	50	$ 1,134,804	X
East	LOXAHATCHEE	Wellington	66620805790	Construction	407663	Sep-19	Nov-20	125	3	-	128	$ 1,932,842	X
Broward	LYONS	Pompano Beach	87887942400	Construction	701133	Sep-19	Mar-20	80	5	-	85	$ 635,710	X
Broward	LYONS	Pompano Beach	87987096001	Construction	701133	Aug-19	Mar-20	22	1	-	23	$ 302,880	X
Broward	LYONS	Pompano Beach	87887044908	Design & Outreach	701135	Sep-19	Dec-21	123	-	-	123	$ 56,769	X
Broward	LYONS	Pompano Beach	87887244702	Construction	701135	Jul-19	Jun-20	38	-	-	38	$ 307,922	X
Dade	MIAMI SHORES	Miami-Dade	87061825508	Design & Outreach	803437	Aug-19	Dec-21	33	1	-	34	$ 34,360	X
North	MILLS	Callahan	13000911605	Design & Outreach	308063	Jan-20	Dec-21	63	-	-	63	$ 209,149	
North	MILLS	Callahan	13100102802	Design & Outreach	308063	Jan-20	Dec-21	39	1	-	40	$ 88,141	
North	MILLS	Callahan	13100252707	Design & Outreach	308063	Jan-20	Dec-21	38	1	-	39	$ 91,129	
North	MILLS	Callahan	13100402091N	Design & Outreach	308063	Jan-20	Dec-21	115	3	-	118	$ 551,256	X
Broward	MOFFETT	Hollywood	87471961709	Design & Outreach	704133	Sep-19	Dec-21	184	3	-	187	$ 149,392	X
Broward	MOFFETT	Hollywood	87471963604	Design & Outreach	704133	Jun-20	Dec-21	27	-	-	27	$ 16,433	X
Broward	MOFFETT	Hollywood	87771429700	Construction	704136	Aug-19	Mar-20	68	3	-	71	$ 615,844	X
East	MONET	Palm Beach Gardens	67933053700	Construction	403738	Sep-19	Dec-20	300	3	-	303	$ 4,256,703	X
East	MONET	Palm Beach Gardens	67933076203	Construction	403738	Sep-19	Aug-20	190	5	-	195	$ 3,181,902	X
East	MORAY	Palm Beach Gardens	67933943501	Construction	411234	Sep-19	Nov-20	65	2	-	67	$ 3,216,403	
West	NAPLES	Naples	76283658704	Construction	501235	Apr-19	Sep-20	67	2	-	69	$ 583,028	X
West	NAPLES	Naples	76284640701W	Construction	501235	Aug-19	Apr-20	110	8	-	118	$ 409,770	X
West	NAPLES	Naples	76282558803	Construction	501237	Mar-19	Apr-20	16	1	-	17	$ 121,006	X
West	NAPLES	Naples	76282968793	Design & Outreach	501238	Aug-19	Dec-21	77	4	-	81	$ 185,246	X
West	NAPLES	Naples	76283684403	Design & Outreach	501238	Aug-19	Dec-21	75	-	-	75	$ 86,647	X
West	NAPLES	Naples	76283733404	Design & Outreach	501238	Aug-19	Dec-21	93	3	-	96	$ 118,020	X
West	NAPLES	Naples	76383073208	Design & Outreach	501238	Aug-19	Dec-21	87	-	-	87	$ 98,599	X
West	NAPLES	Naples	76280838906	Design & Outreach	501239	Aug-19	Dec-21	53	12	-	65	$ 29,878	X
West	NAPLES	Naples	76280875208	Design & Outreach	501239	Aug-19	Dec-21	103	4	-	107	$ 180,764	X
West	NAPLES	Naples	76379145909	Design & Outreach	501240	Aug-19	Dec-21	56	8	-	64	$ 86,647	X
West	NAPLES	Naples	76379188209	Design & Outreach	501240	Aug-19	Dec-21	23	3	-	26	$ 76,190	X
Dade	NATOMA	Miami	87052518908	Design & Outreach	805234	Oct-19	Dec-21	102	2	-	104	$ 67,226	X
Broward	NOB HILL	Plantation	86780916700	Construction	706662	Aug-19	Jun-20	-	11	-	11	$ 317,855	
Broward	NOB HILL	Plantation	86581013308	Construction	706663	Aug-19	Jun-20	8	2	-	10	$ 556,247	
Broward	OAKLAND PARK	Fort Lauderdale	87883345601	Construction	700436	Jul-19	Sep-20	36	-	-	36	$ 297,989	X
Dade	OPA LOCKA	Miami-Dade	86962737102	Construction	801234	Aug-19	Jun-20	73	8	-	81	$ 1,255,810	X
West	ORTIZ	Fort Myers	56118858302E	Construction	503861	Aug-19	Aug-20	40	-	-	40	$ 856,791	X
West	PARK	Sarasota	51771785708	Design & Outreach	505363	Sep-19	Dec-21	11	-	-	11	$ 13,445	
West	PARK	Sarasota	51771825700	Design & Outreach	505363	Sep-19	Dec-21	50	-	-	50	$ 56,769	
West	PARK	Sarasota	51771970700	Construction	505363	Apr-20	Aug-20	53	-	-	53	$ 138,257	X
West	PARK	Sarasota	51771994706	Design & Outreach	505363	Sep-19	Dec-21	11	-	-	11	$ 4,482	

Region	Substation	City/County	Lateral #	Phase	Feeder #	Estimated / Actual Start Date[1]	Current Estimated Completion Date[2]	Residential Customers	Commercial Customers	Industrial Customers	Total Customers	2020 Project Cost	Irma / Matthew Outage
West	PARK	Sarasota	51871002744	Construction	505363	Aug-19	Aug-20	24	-	-	24	$ 2,000	X
West	PARK	Sarasota	51871072700	Construction	505363	Aug-19	Aug-20	25	2	-	27	$ 717,284	X
West	PARK	Sarasota	51972260907	Construction	505363	Aug-19	Dec-20	70	1	-	71	$ 24,251	
West	PARK	Sarasota	51771745609S	Design & Outreach	505363	Sep-19	Dec-21	21	-	-	21	$ 41,830	
West	PARK	Sarasota	51771993904W	Design & Outreach	505363	Sep-19	Dec-21	15	-	-	15	$ 17,927	
West	PAYNE	Sarasota	51470270602	Construction	502834	Aug-19	Dec-20	110	5	-	115	$ 644,031	X
West	PAYNE	Sarasota	51470141004E	Construction	502834	Aug-19	Aug-20	21	-	-	21	$ 321,765	X
Broward	PERRY	Miramar	86969605104	Construction	702837	Aug-19	Mar-20	197	4	-	201	$ 1,082,694	X
West	PHILLIPPI	Sarasota	51564505502	Design & Outreach	503031	Aug-19	Dec-21	109	15	-	124	$ 128,477	X
West	PHILLIPPI	Sarasota	51563482100W	Design & Outreach	503031	Sep-18	Dec-21	165	7	-	172	$ 103,080	X
West	PHILLIPPI	Sarasota	51565510208E	Design & Outreach	503032	Jul-19	Dec-21	51	9	-	60	$ 62,745	X
West	PHILLIPPI	Sarasota	51364898303	Design & Outreach	503033	Nov-19	Dec-21	10	1	-	11	$ 25,397	X
West	PHILLIPPI	Sarasota	51565327713	Design & Outreach	503034	Jul-19	Dec-21	76	55	-	131	$ 128,477	
West	PHILLIPPI	Sarasota	51564919706W	Design & Outreach	503034	Oct-19	Dec-21	66	8	-	74	$ 91,129	X
West	PHILLIPPI	Sarasota	51364950208	Construction	503037	Jun-19	Aug-20	30	-	-	30	$ 335,266	X
West	PINE RIDGE	Collier	76289738700E	Design & Outreach	504370	Aug-19	Dec-21	25	19	-	44	$ 31,372	X
West	PINE RIDGE	Collier	76289738700W	Design & Outreach	504370	Oct-19	Dec-21	129	2	-	131	$ 104,574	X
Broward	PINEHURST	Fort Lauderdale	87778138301	Design & Outreach	700333	Jun-20	Dec-21	61	1	-	62	$ 71,708	X
Broward	PINEHURST	Fort Lauderdale	87579965701	Design & Outreach	700335	Aug-19	Dec-21	111	8	-	119	$ 61,251	X
Broward	PINEHURST	Fort Lauderdale	87578292304	Construction	700337	Aug-19	Mar-20	55	-	-	55	$ 347,654	X
Broward	PLANTATION	Plantation	87080349708	Design & Outreach	701632	Aug-19	Dec-21	47	-	-	47	$ 115,032	X
Broward	PLANTATION	Plantation	87080599704	Construction	701632	Aug-19	Mar-20	65	-	-	65	$ 769,429	X
Broward	PLANTATION	Plantation	87279555207S	Construction	701639	Aug-19	Mar-20	30	-	-	30	$ 268,190	X
Broward	PLAYLAND	Davie	87076876405	Design & Outreach	701233	Feb-20	Dec-21	76	6	-	82	$ 37,348	X
Broward	PLAYLAND	Davie	87175139715	Design & Outreach	701233	Feb-20	Dec-21	26	1	-	27	$ 61,251	X
Broward	PLAYLAND	Davie	87175768143	Design & Outreach	701233	Jun-20	Dec-21	4	9	-	13	$ 82,166	
Broward	PLAYLAND	Davie	87176343308	Design & Outreach	701233	Jun-20	Dec-21	38	2	-	40	$ 67,226	X
Broward	PLAYLAND	Davie	87076636609N	Design & Outreach	701233	Jun-20	Dec-21	91	4	-	95	$ 47,805	X
West	POLO	Sarasota	52068129200	Design & Outreach	507163	Aug-19	Dec-21	87	-	-	87	$ 152,380	X
North	PORT SEWALL	Martin	67153168001	Construction	404939	Jul-19	Sep-20	54	1	-	55	$ 706,541	X
North	PORT SEWALL	Martin	67153216901	Construction	404939	Jun-19	May-20	37	-	-	37	$ 413,020	X
West	PROCTOR	Sarasota	51965696002	Design & Outreach	505161	Aug-19	Dec-21	171	-	-	171	$ 170,307	X
West	PROCTOR	Sarasota	52265061406	Design & Outreach	505165	Aug-19	Dec-21	19	-	-	19	$ 17,927	
West	PROCTOR	Sarasota	52265241501	Design & Outreach	505165	Aug-19	Dec-21	11	-	-	11	$ 14,939	
West	PROCTOR	Sarasota	52265241510	Design & Outreach	505165	Aug-19	Dec-21	20	-	-	20	$ 17,927	X
West	PROCTOR	Sarasota	52265242001	Design & Outreach	505165	Aug-19	Dec-21	15	-	-	15	$ 16,433	
West	PROCTOR	Sarasota	52265242010	Design & Outreach	505165	Aug-19	Dec-21	20	-	-	20	$ 19,421	
West	PROCTOR	Sarasota	52265243105E	Design & Outreach	505165	Aug-19	Dec-21	20	-	-	20	$ 17,927	
West	PROCTOR	Sarasota	52265243105W	Design & Outreach	505165	Aug-19	Dec-21	39	-	-	39	$ 37,348	X
West	PROCTOR	Sarasota	52265243601E	Design & Outreach	505165	Aug-19	Dec-21	17	-	-	17	$ 19,421	X
West	PROCTOR	Sarasota	52265245507E	Design & Outreach	505165	Aug-19	Dec-21	59	-	-	59	$ 76,190	X
West	PROCTOR	Sarasota	52265245507W	Design & Outreach	505165	Aug-19	Dec-21	21	-	-	21	$ 17,927	
West	PROCTOR	Sarasota	52265252503E	Design & Outreach	505165	Aug-19	Dec-21	20	-	-	20	$ 19,421	X
West	PROCTOR	Sarasota	52265252503W	Design & Outreach	505165	Aug-19	Dec-21	18	-	-	18	$ 19,421	X
Broward	PROGRESSO	Fort Lauderdale	87682740101	Construction	709262	Apr-19	Jun-20	110	6	-	116	$ 546,314	X
Broward	PROGRESSO	Fort Lauderdale	87782182506	Construction	709263	Aug-19	Mar-20	85	1	-	86	$ 546,314	X
West	PUNTA GORDA	Punta Gorda	54638561506	Design & Outreach	501534	Sep-19	Dec-21	14	-	-	14	$ 20,915	
West	RATTLESNAKE	Collier	77178131107	Design & Outreach	507762	Jul-19	Dec-21	13	-	-	13	$ 46,311	X
Broward	RESERVATION	Hollywood	87274026303N	Construction	703434	Aug-19	Mar-20	16	19	-	35	$ 265,820	X
Broward	ROHAN	Fort Lauderdale	87378539303	Design & Outreach	703032	Jun-20	Dec-21	35	9	-	44	$ 52,287	X
Broward	ROHAN	Fort Lauderdale	87378669908	Design & Outreach	703032	Jun-20	Dec-21	24	1	-	25	$ 17,927	
Broward	ROHAN	Fort Lauderdale	87378679393	Design & Outreach	703032	Jun-20	Dec-21	28	-	-	28	$ 22,409	X
Broward	ROHAN	Fort Lauderdale	87478112405	Construction	703034	Oct-19	Dec-20	30	2	-	32	$ 248,324	X
Broward	ROHAN	Fort Lauderdale	87278902507	Construction	703035	Aug-19	Jun-20	36	-	-	36	$ 253,968	
Broward	ROHAN	Fort Lauderdale	87377759903	Design & Outreach	703035	Jun-20	Dec-21	14	-	-	14	$ 29,878	X
Broward	ROHAN	Fort Lauderdale	87378970403	Construction	703035	Mar-19	Jun-20	31	3	-	34	$ 675,442	X
North	ROSEDALE	Vero Beach	65788457003	Design & Outreach	410762	Feb-20	Dec-21	52	1	-	53	$ 128,477	X
North	ROSEDALE	Vero Beach	65788527001	Design & Outreach	410762	Feb-20	Dec-21	10	2	-	12	$ 31,372	X
North	ROSEDALE	Vero Beach	65788597000	Design & Outreach	410762	Feb-20	Dec-21	14	-	-	14	$ 38,842	
North	ROSEDALE	Vero Beach	65788727001	Design & Outreach	410762	Feb-20	Dec-21	11	-	-	11	$ 32,866	X
North	ROSEDALE	Vero Beach	65788757007	Design & Outreach	410762	Feb-20	Dec-21	12	1	-	13	$ 34,360	
North	ROSEDALE	Vero Beach	65788797009	Design & Outreach	410762	Feb-20	Dec-21	14	-	-	14	$ 29,878	X
North	ROSEDALE	Vero Beach	65788857010	Design & Outreach	410762	Feb-20	Dec-21	12	-	-	12	$ 34,360	X
North	ROSEDALE	Vero Beach	65789222301	Design & Outreach	410762	Feb-20	Dec-21	77	-	-	77	$ 123,995	X
North	ROSEDALE	Vero Beach	65888454801	Design & Outreach	410762	Feb-20	Dec-21	168	-	-	168	$ 247,991	X
North	ROSEDALE	Vero Beach	65788317007N	Design & Outreach	410762	Feb-20	Dec-21	159	5	-	164	$ 107,562	
North	ROSEDALE	Vero Beach	65788317007S	Design & Outreach	410762	Feb-20	Dec-21	16	1	-	17	$ 34,360	X
North	ROSEDALE	Vero Beach	65788387005N	Design & Outreach	410762	Feb-20	Dec-21	60	-	-	60	$ 71,708	X
North	ROSEDALE	Vero Beach	65788387005S	Design & Outreach	410762	Feb-20	Dec-21	8	-	-	8	$ 32,866	X
North	ROSEDALE	Vero Beach	65788667008N	Design & Outreach	410762	Feb-20	Dec-21	17	-	-	17	$ 32,866	X
North	ROSEDALE	Vero Beach	65788667008S	Design & Outreach	410762	Feb-20	Dec-21	27	-	-	27	$ 32,866	X
North	ROSEDALE	Vero Beach	65888517209E	Design & Outreach	410762	Feb-20	Dec-21	75	1	-	76	$ 155,368	X
Broward	SAMPLE ROAD	Lighthouse Point	87991733001	Design & Outreach	701033	Jan-20	Dec-21	18	15	-	33	$ 19,421	X
Broward	SAMPLE ROAD	Lighthouse Point	88091130301	Design & Outreach	701033	Jan-20	Dec-21	11	-	-	11	$ 8,964	
Broward	SAMPLE ROAD	Lighthouse Point	88091340208	Design & Outreach	701033	Jun-20	Dec-21	33	4	-	37	$ 32,866	
Broward	SAMPLE ROAD	Lighthouse Point	88901292105	Design & Outreach	701033	Feb-20	Dec-21	23	-	-	23	$ 32,866	X
Broward	SAMPLE ROAD	Lighthouse Point	87991504207	Design & Outreach	701035	Jun-20	Dec-21	45	1	-	46	$ 8,964	X
Broward	SAMPLE ROAD	Lighthouse Point	88091005417	Design & Outreach	701035	Jan-20	Dec-21	14	-	-	14	$ 17,927	X
Broward	SAMPLE ROAD	Lighthouse Point	88091215004	Design & Outreach	701035	Feb-20	Dec-21	18	-	-	18	$ 22,409	
Broward	SAMPLE ROAD	Lighthouse Point	88091295008	Design & Outreach	701035	Jun-20	Dec-21	15	1	-	16	$ 20,915	
Broward	SAMPLE ROAD	Lighthouse Point	87991795805S	Design & Outreach	701035	Jan-20	Dec-21	34	-	-	34	$ 34,360	
Broward	SAMPLE ROAD	Lighthouse Point	87991935500S	Design & Outreach	701035	Jan-20	Dec-21	24	-	-	24	$ 29,878	
Broward	SAMPLE ROAD	Lighthouse Point	87991499505	Design & Outreach	701043	Jun-20	Dec-21	168	8	-	176	$ 35,854	X
Broward	SAMPLE ROAD	Lighthouse Point	87991498304S	Design & Outreach	701043	Jun-20	Dec-21	191	13	-	204	$ 29,878	X
West	SARASOTA	Sarasota	51470645908	Design & Outreach	500131	Aug-19	Dec-21	66	1	-	67	$ 79,178	X
West	SARASOTA	Sarasota	51568698402E	Construction	500135	Aug-19	Oct-20	24	-	-	24	$ 588,028	X
Dade	SEMINOLA	Miami Springs	86659101401	Design & Outreach	808533	Dec-19	Dec-21	21	-	-	21	$ 50,793	
West	SHADE	Sarasota	51571699309	Construction	506262	Jun-19	Apr-20	4	-	-	4	$ 152,007	X
West	SHADE	Sarasota	51471494806	Construction	506264	Aug-19	Sep-20	13	-	-	13	$ 331,516	X
Broward	SISTRUNK	Fort Lauderdale	87880082103	Construction	700134	Aug-19	Mar-20	37	2	-	39	$ 377,453	X
Broward	SISTRUNK	Fort Lauderdale	87880113807	Design & Outreach	700134	Sep-19	Dec-21	23	2	-	25	$ 38,842	
Broward	SISTRUNK	Fort Lauderdale	87481822507	Design & Outreach	700139	Jun-20	Dec-21	145	6	-	151	$ 201,679	X
Broward	SISTRUNK	Fort Lauderdale	87481957003	Design & Outreach	700139	Jan-20	Dec-21	117	-	-	117	$ 132,959	X
Broward	SISTRUNK	Fort Lauderdale	87481998800	Design & Outreach	700139	Jun-20	Dec-21	276	9	-	285	$ 304,760	X
Broward	SISTRUNK	Fort Lauderdale	87580489004	Design & Outreach	700139	Feb-20	Dec-21	115	6	-	121	$ 32,866	X
Broward	SISTRUNK	Fort Lauderdale	87581015405	Design & Outreach	700139	Jan-20	Dec-21	124	3	-	127	$ 126,983	X
Broward	SISTRUNK	Fort Lauderdale	87581059003	Design & Outreach	700139	Jan-20	Dec-21	129	3	-	132	$ 174,789	X
Broward	SISTRUNK	Fort Lauderdale	87581422400	Design & Outreach	700139	Jan-20	Dec-21	128	4	-	132	$ 125,489	X
Broward	SISTRUNK	Fort Lauderdale	87581853010	Design & Outreach	700139	Jun-20	Dec-21	113	8	-	121	$ 73,202	X
Broward	SISTRUNK	Fort Lauderdale	87479478411	Construction	700143	Oct-19	Dec-20	21	17	-	38	$ 248,324	
Dade	SNAPPER CREEK	Pinecrest	86646635002	Construction	808831	Aug-19	Jun-20	25	1	-	26	$ 557,777	X
Dade	SNAPPER CREEK	Pinecrest	86746090608	Construction	808831	Jan-19	Nov-20	51	-	-	51	$ 1,028,549	
Dade	SNAPPER CREEK	Pinecrest	86648231308	Construction	808834	Aug-19	Nov-20	36	2	-	38	$ 550,026	X
West	SOLANA	Collier	76384179204E	Design & Outreach	503132	Aug-19	Dec-21	62	1	-	63	$ 70,214	X
West	SOLANA	Collier	76384179808E	Design & Outreach	503132	Aug-19	Dec-21	62	1	-	63	$ 52,287	X

Region	Substation	City/County	Lateral #	Phase	Feeder #	Estimated / Actual Start Date[1]	Current Estimated Completion Date[2]	Residential Customers	Commercial Customers	Industrial Customers	Total Customers	2020 Project Cost	Irma / Matthew Outage
West	SOLANA	Naples	76284980901	Construction	503133	Aug-19	Apr-20	29	9	-	38	$ 194,009	X
Broward	SOUTHSIDE	Plantation	87679881000	Design & Outreach	705532	Jul-19	Dec-21	39	2	-	41	$ 28,384	
Broward	SOUTHSIDE	Plantation	87679883002	Design & Outreach	705532	Sep-19	Dec-21	42	-	-	42	$ 41,830	X
Broward	SOUTHSIDE	Plantation	87579224507	Construction	705564	Jul-19	Jun-20	152	16	-	168	$ 417,185	X
Broward	STONEBRIDGE	Southwest Ranches	86373276609	Design & Outreach	704761	Jun-20	Dec-21	3	-	-	3	$ 11,951	X
Broward	STONEBRIDGE	Southwest Ranches	86373346607	Design & Outreach	704761	Dec-19	Dec-21	4	-	-	4	$ 20,915	X
Broward	STONEBRIDGE	Southwest Ranches	86373467901	Design & Outreach	704761	Dec-19	Dec-21	1	1	-	2	$ 4,482	
Broward	STONEBRIDGE	Southwest Ranches	86373536708	Design & Outreach	704761	Jun-20	Dec-21	4	-	-	4	$ 11,951	X
Broward	STONEBRIDGE	Southwest Ranches	86373586705	Design & Outreach	704761	Jun-20	Dec-21	1	-	-	1	$ 8,964	X
Broward	STONEBRIDGE	Southwest Ranches	86373656703	Design & Outreach	704761	Jun-20	Dec-21	2	-	-	2	$ 11,951	
Broward	STONEBRIDGE	Southwest Ranches	86373736707	Design & Outreach	704761	Jun-20	Dec-21	3	-	-	3	$ 11,951	X
Broward	STONEBRIDGE	Southwest Ranches	86373786704	Design & Outreach	704761	Dec-19	Dec-21	7	1	-	8	$ 11,951	
Broward	STONEBRIDGE	Southwest Ranches	86373866708	Design & Outreach	704761	Jun-20	Dec-21	1	-	-	1	$ 7,470	
Broward	STONEBRIDGE	Southwest Ranches	86374004700	Design & Outreach	704761	Jun-20	Dec-21	1	1	-	2	$ 4,482	X
Broward	STONEBRIDGE	Southwest Ranches	86374044701	Design & Outreach	704761	Jun-20	Dec-21	3	-	-	3	$ 23,903	X
Broward	STONEBRIDGE	Southwest Ranches	86374264701	Design & Outreach	704761	Jun-20	Dec-21	4	-	-	4	$ 10,457	X
Broward	STONEBRIDGE	Southwest Ranches	86374451307	Design & Outreach	704761	Dec-19	Dec-21	3	1	-	4	$ 26,891	
Broward	STONEBRIDGE	Southwest Ranches	86374451901	Design & Outreach	704761	Dec-19	Dec-21	13	-	-	13	$ 77,684	
Broward	STONEBRIDGE	Southwest Ranches	86473076705	Design & Outreach	704761	Dec-19	Dec-21	6	1	-	7	$ 31,372	X
Broward	STONEBRIDGE	Southwest Ranches	86473136805	Design & Outreach	704761	Jun-20	Dec-21	2	1	-	3	$ 13,445	
Broward	STONEBRIDGE	Southwest Ranches	86473266806	Design & Outreach	704761	Dec-19	Dec-21	2	-	-	2	$ 19,421	X
Broward	STONEBRIDGE	Southwest Ranches	86473426803	Design & Outreach	704761	Dec-19	Dec-21	3	-	-	3	$ 11,951	X
Broward	STONEBRIDGE	Southwest Ranches	86473726807	Design & Outreach	704761	Dec-19	Dec-21	1	-	-	1	$ 5,976	X
Broward	STONEBRIDGE	Southwest Ranches	86374194606N	Design & Outreach	704761	Jun-20	Dec-21	2	-	-	2	$ 5,976	
Broward	STONEBRIDGE	Southwest Ranches	86374194606S	Design & Outreach	704761	Dec-19	Dec-21	3	-	-	3	$ 25,397	X
Broward	STONEBRIDGE	Southwest Ranches	86374374701S	Design & Outreach	704761	Jun-20	Dec-21	1	1	-	2	$ 5,976	X
Broward	STONEBRIDGE	Southwest Ranches	86374864709S	Design & Outreach	704761	Jun-20	Dec-21	4	-	-	4	$ 14,939	X
Broward	STONEBRIDGE	Southwest Ranches	86474404706	Design & Outreach	704763	Dec-19	Dec-21	6	1	-	7	$ 16,433	
Broward	STONEBRIDGE	Southwest Ranches	86474104702S	Design & Outreach	704763	Dec-19	Dec-21	7	1	-	8	$ 34,360	X
Dade	SUNILAND	Pinecrest	86446502308	Design & Outreach	806531	Oct-19	Dec-21	26	2	-	28	$ 77,684	X
Dade	SUNILAND	Pinecrest	86446821705	Design & Outreach	806531	Oct-19	Dec-21	3	-	-	3	$ 5,976	
Dade	SUNILAND	Pinecrest	86446879304	Design & Outreach	806533	Jun-20	Dec-21	54	-	-	54	$ 150,886	X
Dade	SUNILAND	Pinecrest	86546879817	Design & Outreach	806533	Jun-20	Dec-21	32	1	-	33	$ 89,635	X
Dade	SUNILAND	Pinecrest	86547871500	Design & Outreach	806533	Jun-20	Dec-21	27	-	-	27	$ 106,068	X
Dade	SUNILAND	Pinecrest	86445377801	Design & Outreach	806534	Jun-18	Dec-21	7	-	-	7	$ 10,457	X
Dade	SUNILAND	Pinecrest	86445418907S	Design & Outreach	806534	Apr-18	Dec-21	4	-	-	4	$ 5,976	X
Dade	SUNILAND	Pinecrest	86646486503	Construction	806535	Jan-19	May-20	2	-	-	2	$ 2,000	X
Dade	SUNILAND	Pinecrest	86646495600	Construction	806535	Jan-19	May-20	8	-	-	8	$ 202,010	X
Dade	SUNILAND	Pinecrest	86647462501	Construction	806535	Feb-19	Dec-20	77	2	-	79	$ 1,114,553	X
East	TERMINAL	West Palm Beach	68125353106	Construction	402133	Sep-19	Apr-20	42	-	-	42	$ 537,276	X
Dade	TROPICAL	Miami-Dade	86353281801	Design & Outreach	803037	Dec-19	Dec-21	22	-	-	22	$ 32,866	X
Dade	TROPICAL	Miami-Dade	86353534203	Design & Outreach	803037	Dec-19	Dec-21	25	-	-	25	$ 28,384	X
West	TUTTLE	Sarasota	51868219401	Construction	504532	Oct-19	Sep-20	22	-	-	22	$ 487,273	X
West	TUTTLE	Sarasota	51667089001	Construction	504535	Aug-19	Apr-20	18	1	-	19	$ 316,265	X
West	TUTTLE	Sarasota	51568952708	Design & Outreach	504536	Oct-19	Dec-21	124	1	-	125	$ 115,032	X
West	TUTTLE	Sarasota	51668112708	Design & Outreach	504536	Oct-19	Dec-21	105	-	-	105	$ 119,514	X
Dade	ULETA	North Miami Beach	87466009906	Construction	806336	Jul-18	Oct-20	36	-	-	36	$ 424,520	X
Broward	VALENCIA	Davie	86576094117	Design & Outreach	706266	Dec-19	Dec-21	22	8	-	30	$ 77,412	X
West	VANDERBILT	Collier	76491670005	Construction	506762	Aug-19	Apr-20	355	18	-	373	$ 37,252	X
West	VANDERBILT	Collier	76591431203	Design & Outreach	506765	Oct-19	Dec-21	123	14	-	137	$ 50,793	X
West	VANDERBILT	Collier	76591431700	Design & Outreach	506765	Oct-19	Dec-21	28	-	-	28	$ 35,854	X
West	VANDERBILT	Collier	76591431718	Design & Outreach	506765	Oct-19	Dec-21	14	1	-	15	$ 14,939	
West	VANDERBILT	Collier	76591432404	Design & Outreach	506765	Oct-19	Dec-21	28	-	-	28	$ 29,878	X
West	VANDERBILT	Collier	76591432412	Design & Outreach	506765	Oct-19	Dec-21	63	1	-	64	$ 14,939	
West	VANDERBILT	Collier	76591433109	Design & Outreach	506765	Oct-19	Dec-21	78	-	-	78	$ 56,769	X
West	VANDERBILT	Collier	76591433117	Design & Outreach	506765	Oct-19	Dec-21	36	2	-	38	$ 47,805	X
West	VANDERBILT	Collier	76591433702	Design & Outreach	506765	Oct-19	Dec-21	55	1	-	56	$ 47,805	X
West	VANDERBILT	Collier	76591433711	Design & Outreach	506765	Oct-19	Dec-21	46	3	-	49	$ 55,275	X
West	VANDERBILT	Collier	76591434407	Design & Outreach	506765	Oct-19	Dec-21	41	1	-	42	$ 53,781	X
West	VANDERBILT	Collier	76591434415	Design & Outreach	506765	Oct-19	Dec-21	27	-	-	27	$ 14,939	X
West	VANDERBILT	Collier	76591435110	Design & Outreach	506765	Oct-19	Dec-21	14	-	-	14	$ 13,445	X
West	VANDERBILT	Collier	76591435705	Design & Outreach	506765	Aug-19	Dec-21	69	2	-	71	$ 149,392	X
West	VANDERBILT	Collier	76591435713W	Design & Outreach	506765	Oct-19	Dec-21	11	1	-	12	$ 13,445	X
West	VANDERBILT	Collier	76591436400E	Design & Outreach	506765	Oct-19	Dec-21	22	-	-	22	$ 14,939	
Broward	VERENA	Fort Lauderdale	87882188600	Construction	700635	Aug-19	Jun-20	33	-	-	33	$ 258,257	X
Broward	VERENA	Fort Lauderdale	87882473100	Construction	700636	Aug-19	Jun-20	34	-	-	34	$ 387,386	X
Broward	VERENA	Fort Lauderdale	87982089707N	Design & Outreach	700636	Oct-19	Dec-21	50	2	-	52	$ 37,348	
Broward	VERENA	Fort Lauderdale	87781433505	Design & Outreach	700639	Oct-19	Dec-21	73	9	-	82	$ 38,842	X
Broward	VERENA	Fort Lauderdale	87881803009	Design & Outreach	700641	Oct-19	Dec-21	14	18	-	32	$ 40,336	X
West	WALKER	Bradenton	51179873909E	Design & Outreach	506033	Sep-19	Dec-21	214	1	-	215	$ 222,594	X
West	WALKER	Bradenton	51180622108	Construction	506034	Mar-19	Apr-20	35	1	-	36	$ 493,274	X
Dade	WATKINS	Miami Springs	86557668103	Design & Outreach	805433	Feb-20	Dec-21	142	-	-	142	$ 143,416	X
Dade	WATKINS	Miami Springs	86558630002	Design & Outreach	805433	Feb-20	Dec-21	8	2	-	10	$ 5,976	X
Dade	WESTON VILLAGE	Miami Gardens	87167655009	Construction	807831	Dec-18	Dec-20	87	-	-	87	$ 337,266	X
Dade	WESTON VILLAGE	Miami Gardens	87267588008	Construction	807833	Aug-19	Jun-20	89	1	-	90	$ 977,547	
Dade	WESTON VILLAGE	Miami Gardens	87267378003N	Construction	807835	Mar-19	May-20	74	1	-	75	$ 531,025	X
East	WESTWARD	West Palm Beach	67923571007	Construction	404038	Jun-18	May-20	81	1	-	82	$ 965,546	X
West	WINKLER	Fort Myers	56015443502	Construction	505464	Aug-18	Apr-20	497	10	-	507	$ 42,002	X
West	WOODS	Manatee	51676096503	Construction	506964	Apr-20	Jul-20	381	3	-	384	$ 377,768	X
North	WRIGHT	Volusia	37507450100	Construction	109031	Jun-19	Aug-20	70	-	-	70	$ 437,521	X
North	WYOMING	Palm Bay	48313557503E	Construction	207362	Sep-19	Apr-20	15	-	-	15	$ 264,513	X

Notes:

(1) Start date reflects estimated/actual date when initial project costs will begin to accrue (e.g., preliminary engineering/design, site preparations, customer outreach)

(2) Completion date reflects the estimated/actual date when all project costs will be final

Appendix E: FPL 2020 Project Level Detail
Substation Storm Surge / Flood Mitigation Program

Region	Substation	Substation Address	Substation Type	Estimated / Actual Start Date[1]	Current Estimated Completion Date[2]	Residential Customers	Commercial Customers	Industrial Customers	Total Customers	2020 Project Cost	Irma / Matthew Outage
St. Johns	St. Augustine	106 Riberia St, St. Augustine, FL 32084	Distribution	8/1/2020	12/31/2021	5013	1536	38	6587	$ 3,000,000	X

Notes:
(1) Start date reflects estimated/actual date when initial project costs will begin to accrue (e.g., preliminary engineering/design, site preparations, customer outreach)
(2) Completion date reflects the estimated date when all project costs will be final

Exhibit MJ-2

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 3
PARTY: FLORIDA POWER & LIGHT COMPANY – (DIRECT)
DESCRIPTION: Michael Jarro MJ-2

MJ-2 SPP Work Projected to be Completed in 2021
Feeder Hardening (EWL) - Distribution Program

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
Dade	SOUTH MIAMI	802437	2018	2021	$ 1,584,627
Dade	BLUE LAGOON	810432	2018	2021	$ 1,719,785
Dade	AIRPORT	802631	2017	2021	$ 1,746,580
Dade	SIMPSON	809936	2016	2021	$ 2,109,127
Dade	BLUE LAGOON	810434	2015	2021	$ 2,293,047
Dade	LAWRENCE	805134	2014	2021	$ 2,347,020
Dade	LAWRENCE	805136	2016	2021	$ 2,733,245
Dade	WESTON VILLAGE	807832	2019	2021	$ 2,739,402
Dade	GRAPELAND	802933	2014	2021	$ 2,792,019
North	SANFORD	200133	2019	2021	$ 3,085,923
Dade	OJUS	804932	2015	2021	$ 1,266,414
Broward	MARGATE	702232	2019	2021	$ 1,394,660
Broward	OAKLAND PARK	700441	2019	2021	$ 1,457,616
East	SAVANNAH	406434	2019	2021	$ 1,461,063
East	BOCA RATON	400735	2019	2021	$ 1,491,541
Broward	MOFFETT	704132	2019	2021	$ 1,492,305
Broward	VERENA	700641	2019	2021	$ 1,545,073
Broward	MARGATE	702261	2019	2021	$ 1,565,574
Broward	HALLANDALE	700931	2017	2021	$ 1,580,463
Broward	PLANTATION	701635	2019	2021	$ 1,581,201
Broward	ROCK ISLAND	701832	2019	2021	$ 1,597,320
Broward	PALM AIRE	703636	2019	2021	$ 1,633,940
Broward	BEVERLY	700833	2019	2021	$ 1,757,069
East	PLAZA	410164	2019	2021	$ 1,875,805
Broward	OAKLAND PARK	700434	2019	2021	$ 1,927,531
Broward	BEVERLY	700832	2019	2021	$ 2,045,902
West	WOODS	506965	2018	2021	$ 2,086,147
Broward	PLANTATION	701637	2019	2021	$ 2,092,050
Broward	SILVERLAKES	708561	2019	2021	$ 2,124,128
Broward	MOTOROLA	704063	2019	2021	$ 2,149,984
Broward	SOUTHSIDE	705538	2019	2021	$ 2,164,560
Broward	TRAIN	706531	2019	2021	$ 2,174,028
Broward	SAMPLE ROAD	701038	2019	2021	$ 2,187,702
Broward	SPRINGTREE	704661	2019	2021	$ 2,244,729
Broward	MOTOROLA	704067	2019	2021	$ 2,405,066
Broward	MOFFETT	704134	2019	2021	$ 2,444,643
Broward	MCARTHUR	702733	2019	2021	$ 2,456,083
Broward	PEMBROKE	702437	2019	2021	$ 2,467,117
East	BELVEDERE	402538	2019	2021	$ 2,468,608
Broward	VERENA	700635	2019	2021	$ 2,550,828
Broward	SISTRUNK	700137	2019	2021	$ 2,856,927
Broward	DANIA	701535	2019	2021	$ 2,884,466
Broward	MARGATE	702231	2019	2021	$ 2,912,378
West	ORANGETREE	507365	2018	2021	$ 2,917,912
East	LOXAHATCHEE	407662	2017	2021	$ 3,245,226
Broward	VALENCIA	706261	2019	2021	$ 3,273,444
Broward	STONEBRIDGE	704766	2019	2021	$ 3,375,739
Broward	PEMBROKE	702434	2019	2021	$ 3,592,364
Broward	MALLARD	704569	2019	2021	$ 3,708,887
Broward	VALENCIA	706262	2019	2021	$ 3,724,746
Broward	SISTRUNK	700132	2019	2021	$ 4,081,325
West	CORKSCREW	507461	2018	2021	$ 2,465,980
North	WRIGHT	109034	2019	2021	$ 1,502,408
North	PALATKA	100431	2019	2021	$ 1,535,600
North	SPRUCE	106464	2019	2021	$ 1,560,342
North	PALATKA	100434	2019	2021	$ 1,597,024
North	COURTENAY	201935	2019	2021	$ 1,598,635
North	HIELD	208161	2019	2021	$ 1,705,782
North	ORANGEDALE	101862	2019	2021	$ 1,729,085
North	HASTINGS	100333	2019	2021	$ 1,864,218
North	SARNO	205632	2019	2021	$ 1,924,362
North	GATOR	108363	2019	2021	$ 1,950,212
North	TITUSVILLE	200332	2019	2021	$ 2,026,775
North	COURTENAY	201934	2019	2021	$ 2,108,655
North	PALM BAY	201633	2019	2021	$ 2,195,277
North	MCMEEKIN	100531	2019	2021	$ 2,202,050

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
North	DURBIN	108962	2019	2021	$ 2,202,050
North	YORKE	209861	2019	2021	$ 2,202,945
North	TITUSVILLE	200333	2019	2021	$ 2,451,526
North	GENEVA	205362	2019	2021	$ 3,000,954
North	PALATKA	100435	2019	2021	$ 3,395,031
North	HASTINGS	100331	2019	2021	$ 3,467,384
North	SCOTTSMOOR	105061	2019	2021	$ 3,499,182
North	SPRUCE	106465	2019	2021	$ 3,636,467
North	GENEVA	205361	2019	2021	$ 3,812,023
North	WYOMING	207362	2019	2021	$ 4,269,232
North	MIMS	202233	2019	2021	$ 2,545,815
East	JUNO BEACH	402638	2018	2021	$ 2,421,848
East	DELTRAIL	405865	2018	2021	$ 2,001,609
East	DELMAR	406935	2015	2021	$ 1,863
East	DELTRAIL	405863	2014	2021	$ 2,795
North	DAYTONA BEACH	100133	2014	2021	$ 2,809
East	ROEBUCK	406331	2016	2021	$ 3,050
East	ROEBUCK	406335	2016	2021	$ 3,050
East	BUTTS	405936	2015	2021	$ 3,727
West	TICE	501833	2017	2021	$ 5,468
Broward	HAWKINS	702939	2018	2021	$ 5,911
East	CLEWISTON	402032	2016	2021	$ 6,056
West	FRANKLIN	506464	2018	2021	$ 6,198
Dade	MILLER	805635	2016	2021	$ 6,276
West	COLONIAL	502631	2015	2021	$ 6,562
West	ENGLEWOOD	500767	2017	2021	$ 6,927
West	POLO	507164	2018	2021	$ 7,153
East	TURNPIKE	406166	2016	2021	$ 7,383
East	SWEATT	409363	2017	2021	$ 7,383
West	CORKSCREW	507462	2015	2021	$ 7,953
West	FT MYERS	501138	2019	2021	$ 8,153
East	WHEELER	413232	2016	2021	$ 8,385
East	JUPITER	401837	2018	2021	$ 9,149
North	COCOA	200433	2018	2021	$ 9,912
Dade	COURT	809668	2015	2021	$ 10,460
West	GRANADA	506561	2018	2021	$ 10,542
North	DAYTONA BEACH	100138	2019	2021	$ 11,587
East	PURDY LANE	404438	2015	2021	$ 11,690
Dade	DOUGLAS	806132	2015	2021	$ 12,874
Broward	NOBHILL	706662	2018	2021	$ 13,189
East	WABASSO	400661	2016	2021	$ 13,536
Broward	DEERFIELD BEACH	703541	2018	2021	$ 13,791
North	WYOMING	207364	2016	2021	$ 13,877
Broward	SISTRUNK	700144	2015	2021	$ 14,166
Dade	BISCAYNE	801835	2019	2021	$ 14,785
Broward	HACIENDA	708933	2016	2021	$ 17,585
East	CLINTMOORE	405467	2016	2021	$ 17,701
East	ROSEDALE	410762	2018	2021	$ 18,048
West	SORRENTO	504831	2015	2021	$ 18,072
North	INDIAN RIVER	202134	2014	2021	$ 18,634
West	IONA	501765	2018	2021	$ 19,649
West	SUMMIT	509061	2016	2021	$ 19,649
West	SOLANA	503132	2017	2021	$ 20,585
North	DELAND	102131	2016	2021	$ 20,716
Dade	INDUSTRIAL	804633	2017	2021	$ 21,725
East	INLET	411733	2015	2021	$ 22,363
Broward	VERENA	700642	2015	2021	$ 22,470
Dade	COURT	809663	2016	2021	$ 22,488
Broward	HOLMBERG	706461	2019	2021	$ 22,657
Broward	DRIFTWOOD	702038	2018	2021	$ 22,716
Broward	CROSSBOW	707661	2017	2021	$ 23,683
West	ALLIGATOR	503563	2014	2021	$ 24,795
West	FT MYERS	501135	2015	2021	$ 25,884
West	PAYNE	502835	2015	2021	$ 26,354
East	TARTAN	407862	2016	2021	$ 27,017
North	HOLLY HILL	101032	2014	2021	$ 27,738
North	HIBISCUS	203541	2018	2021	$ 27,753
West	CLARK	500534	2018	2021	$ 27,860
West	CORTEZ	500637	2018	2021	$ 28,237

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
West	SORRENTO	504835	2018	2021	$ 28,613
Dade	HAINLIN	806435	2016	2021	$ 30,333
Broward	DEERFIELD BEACH	703537	2017	2021	$ 31,523
West	BENEVA	504136	2018	2021	$ 31,625
Broward	TIMBERLAKE	705237	2016	2021	$ 31,899
Broward	SAMPLE ROAD	701039	2015	2021	$ 32,016
Broward	ELY	702633	2018	2021	$ 32,016
West	WHITFIELD	500834	2015	2021	$ 32,755
North	HOLLY HILL	101035	2017	2021	$ 33,005
Dade	VENETIAN	804437	2014	2021	$ 33,025
East	LINTON	401931	2014	2021	$ 34,005
West	FT MYERS	501132	2019	2021	$ 35,363
East	DATURA ST	400234	2017	2021	$ 36,086
Broward	STONEBRIDGE	704765	2019	2021	$ 36,732
Broward	FLAMINGO	707264	2016	2021	$ 37,216
North	SAN MATEO	108433	2018	2021	$ 37,879
Broward	LAKEVIEW	704938	2017	2021	$ 37,926
North	SUNTREE	204362	2019	2021	$ 39,647
North	DAYTONA BEACH	100134	2017	2021	$ 39,676
Broward	ELY	702638	2018	2021	$ 39,896
West	GATEWAY	508464	2018	2021	$ 40,467
Dade	AVOCADO	810062	2014	2021	$ 41,838
East	SQUARE LAKE	407735	2018	2021	$ 42,185
West	ONECO	502932	2018	2021	$ 42,544
East	BOYNTON	400534	2018	2021	$ 42,855
West	NAPLES	501238	2018	2021	$ 43,041
East	DATURA ST	400240	2015	2021	$ 43,202
West	BRADENTON	500235	2019	2021	$ 44,077
East	ROEBUCK	406333	2018	2021	$ 45,235
Dade	WATKINS	811433	2019	2021	$ 48,471
East	KIMBERLY	406861	2018	2021	$ 49,842
Dade	SEMINOLA	808534	2015	2021	$ 53,917
Dade	ROSELAWN	807031	2018	2021	$ 54,461
Dade	DADE	805433	2016	2021	$ 55,006
North	HARRIS	203635	2018	2021	$ 56,299
North	MATANZAS	102531	2018	2021	$ 56,819
Broward	MOTOROLA	704070	2018	2021	$ 58,617
West	WHITFIELD	500833	2018	2021	$ 60,061
Dade	MIAMI LAKES	807961	2018	2021	$ 60,579
Dade	RONEY	809341	2015	2021	$ 61,012
Dade	COCONUT GROVE	800434	2016	2021	$ 61,572
Dade	ULETA	806336	2014	2021	$ 61,623
Broward	LAKEVIEW	704939	2018	2021	$ 63,539
Broward	ELY	702639	2018	2021	$ 65,016
East	JUPITER	401832	2017	2021	$ 65,565
West	ORANGETREE	507362	2016	2021	$ 66,433
Dade	DADELAND	807542	2019	2021	$ 66,941
West	CAPRI	504064	2018	2021	$ 67,369
Broward	POMPANO	700534	2018	2021	$ 67,479
Broward	HOLLYBROOK	706168	2018	2021	$ 67,665
East	SOUTHFORK	410861	2016	2021	$ 67,680
West	SARASOTA	500132	2018	2021	$ 68,522
West	VANDERBILT	506761	2018	2021	$ 70,065
Dade	SEABOARD	803631	2014	2021	$ 70,255
East	LOXAHATCHEE	407665	2017	2021	$ 71,156
North	KACIE	104732	2018	2021	$ 72,416
West	CORKSCREW	507465	2015	2021	$ 72,983
North	GATOR	108362	2018	2021	$ 75,387
North	HARRIS	203638	2015	2021	$ 75,727
West	PARK	505361	2018	2021	$ 76,052
West	CORTEZ	500665	2018	2021	$ 76,805
Dade	AVOCADO	810061	2016	2021	$ 76,878
West	VANDERBILT	506763	2018	2021	$ 79,065
Dade	ULETA	806332	2016	2021	$ 80,946
Dade	MERCHANDISE	807237	2019	2021	$ 81,148
Dade	COUNTRY CLUB	805938	2018	2021	$ 81,738
East	MARYMOUNT	410032	2018	2021	$ 81,984
East	BOCA RATON	400738	2019	2021	$ 82,915
Dade	MITCHELL	809233	2019	2021	$ 83,192

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
East	ROSEDALE	410761	2018	2021	$ 83,677
East	SEBASTIAN	405764	2019	2021	$ 83,677
Dade	SPOONBILL	811162	2015	2021	$ 83,871
Dade	OPA LOCKA	801231	2015	2021	$ 84,079
North	FLEMING	102434	2015	2021	$ 84,969
Broward	OAKLAND PARK	700438	2018	2021	$ 85,972
East	SQUARE LAKE	407731	2018	2021	$ 87,420
East	FOUNTAIN	405638	2018	2021	$ 88,039
North	MADISON	102235	2018	2021	$ 90,938
Dade	SIMPSON	809932	2018	2021	$ 91,799
Dade	ANHINGA	811361	2014	2021	$ 92,044
East	BOCA TEECA	404232	2019	2021	$ 97,355
West	PARK	505363	2017	2021	$ 99,771
Dade	OLYMPIA HEIGHTS	808934	2016	2021	$ 101,981
North	TAYLOR	104832	2019	2021	$ 103,149
West	PROCTOR	505161	2018	2021	$ 103,159
West	PALMA SOLA	502561	2014	2021	$ 103,912
North	REED	106533	2018	2021	$ 104,280
Broward	LYONS	701161	2019	2021	$ 106,883
North	COURTENAY	201936	2017	2021	$ 108,237
Dade	GOULDS	807332	2019	2021	$ 111,395
Broward	SAWGRASS	707464	2018	2021	$ 111,861
Dade	RED ROAD	806840	2019	2021	$ 113,825
North	GRANT	208762	2014	2021	$ 114,185
Dade	DADELAND	807535	2019	2021	$ 115,055
East	LOXAHATCHEE	407666	2014	2021	$ 115,883
East	BOCA RATON	400739	2014	2021	$ 116,920
East	BOCA TEECA	404240	2014	2021	$ 120,180
North	SYKES CREEK	201735	2018	2021	$ 120,870
West	FRUITVILLE	501064	2018	2021	$ 123,866
Dade	DADE	805439	2019	2021	$ 127,985
North	CELERY	200263	2018	2021	$ 128,156
Dade	JASMINE	810565	2019	2021	$ 129,176
West	COLONIAL	502635	2018	2021	$ 129,785
East	DELMAR	406933	2019	2021	$ 130,428
East	JENSEN	403438	2018	2021	$ 133,719
East	MILITARY TRAIL	403037	2015	2021	$ 135,197
North	COLUMBIA	301137	2018	2021	$ 140,798
East	OAKES	406235	2016	2021	$ 144,764
Dade	GRATIGNY	804537	2015	2021	$ 144,868
Dade	NATOMA	805240	2016	2021	$ 149,452
Dade	VENETIAN	804438	2015	2021	$ 155,610
East	MILITARY TRAIL	403038	2018	2021	$ 156,543
Dade	MILAM	808161	2019	2021	$ 157,938
West	POLO	507163	2018	2021	$ 158,503
Dade	PENNSUCO	807162	2015	2021	$ 160,117
North	GENERAL ELECTRIC	101540	2019	2021	$ 162,438
North	KACIE	104733	2018	2021	$ 163,773
North	PALM BAY	201638	2017	2021	$ 164,537
East	KIMBERLY	406867	2018	2021	$ 165,211
North	BABCOCK	204265	2018	2021	$ 166,519
West	SOLANA	503134	2015	2021	$ 172,633
North	CHULUOTA	207263	2019	2021	$ 178,365
North	PRINGLE	110361	2018	2021	$ 179,067
East	SHERMAN	406062	2013	2021	$ 182,530
East	TERMINAL	402137	2014	2021	$ 197,712
Dade	COURT	809669	2017	2021	$ 198,209
Dade	GLADEVIEW	802233	2015	2021	$ 199,830
Dade	FLAGAMI	808064	2018	2021	$ 202,052
East	MONTEREY	408333	2015	2021	$ 204,680
North	INDIAN RIVER	202135	2018	2021	$ 209,735
Dade	GOLDEN GLADES	806033	2014	2021	$ 212,235
East	WESTWARD	404034	2018	2021	$ 218,138
Dade	GLADEVIEW	802231	2015	2021	$ 222,779
Dade	HOMESTEAD	803231	2018	2021	$ 230,111
East	LOXAHATCHEE	407661	2016	2021	$ 230,749
North	HIBISCUS	203537	2019	2021	$ 232,334
Dade	NATOMA	805232	2015	2021	$ 237,893
East	BOCA TEECA	404239	2014	2021	$ 238,905

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
West	VAMO	505564	2018	2021	$ 241,708
East	LAKE IDA	409531	2017	2021	$ 243,880
North	INDIALANTIC	203233	2019	2021	$ 246,210
Dade	SEMINOLA	808532	2018	2021	$ 247,544
North	ST AUGUSTINE	100232	2019	2021	$ 247,721
North	COURTENAY	201932	2018	2021	$ 251,761
North	TROPICANA	201233	2019	2021	$ 261,540
Dade	SEMINOLA	808538	2018	2021	$ 266,680
North	MELBOURNE	200531	2019	2021	$ 282,509
West	VENICE	500331	2018	2021	$ 282,746
Dade	LEMON CITY	807732	2016	2021	$ 283,232
Dade	ARCH CREEK	802835	2015	2021	$ 286,706
North	COLUMBIA	301133	2018	2021	$ 288,923
Dade	OPA LOCKA	801233	2015	2021	$ 305,104
East	IBM	404336	2016	2021	$ 309,767
North	PALATKA	100433	2018	2021	$ 315,593
Broward	TIMBERLAKE	705235	2018	2021	$ 318,026
North	TOLOMATO	107632	2019	2021	$ 324,492
Dade	EUREKA	811263	2015	2021	$ 326,339
North	COLUMBIA	301136	2018	2021	$ 332,935
North	SOUTH DAYTONA	100935	2019	2021	$ 342,467
East	PINEWOOD	409962	2017	2021	$ 349,362
Dade	BISCAYNE	801838	2014	2021	$ 354,652
North	LEWIS	102636	2019	2021	$ 369,397
Dade	BRANDON	808632	2016	2021	$ 371,307
Dade	OJUS	804931	2015	2021	$ 373,918
West	ROTONDA	505665	2015	2021	$ 376,597
East	FOUNTAIN	405639	2015	2021	$ 383,366
North	SOUTH DAYTONA	100933	2019	2021	$ 386,344
West	SOLANA	503136	2016	2021	$ 395,607
Dade	WATKINS	811432	2015	2021	$ 396,977
Dade	MARION	802739	2019	2021	$ 399,253
West	BONITA SPRINGS	502168	2018	2021	$ 400,002
North	HIBISCUS	203532	2019	2021	$ 416,071
North	DERBY	210132	2019	2021	$ 416,419
East	SQUARE LAKE	407732	2018	2021	$ 416,652
North	MOULTRIE	104934	2018	2021	$ 422,243
East	CRANE	407165	2015	2021	$ 424,947
North	TOLOMATO	107631	2018	2021	$ 425,214
North	LEWIS	102633	2019	2021	$ 430,700
Dade	EUREKA	811262	2014	2021	$ 431,981
North	ST AUGUSTINE	100231	2017	2021	$ 444,897
East	TESORO	411961	2016	2021	$ 447,507
East	DATURA ST	400231	2019	2021	$ 464,548
West	NAPLES	501239	2018	2021	$ 546,441
Dade	MILAM	808169	2015	2021	$ 559,320
East	BOCA RATON	400737	2014	2021	$ 622,329
East	PINEWOOD	409963	2017	2021	$ 630,248
North	INDIAN HARBOR	202033	2018	2021	$ 654,975
East	OKEECHOBEE	401635	2017	2021	$ 657,109
North	LPGA	108262	2019	2021	$ 759,104
North	INDIALANTIC	203232	2018	2021	$ 770,349
North	APOLLO	210532	2018	2021	$ 801,274
North	SYKES CREEK	201731	2018	2021	$ 819,256
North	WIREMILL	301562	2018	2021	$ 857,841
North	ROCKLEDGE	203134	2018	2021	$ 867,089
North	STARKE	303161	2018	2021	$ 909,105
Dade	NATOMA	805233	2015	2021	$ 913,507
Dade	SUNILAND	806533	2015	2021	$ 934,148
North	INDIAN RIVER	202133	2018	2021	$ 1,135,898
East	GLENDALE	407561	2014	2021	$ 1,163,272
East	JUNO BEACH	402635	2015	2021	$ 1,490,212
North	ORANGEDALE	101863	2018	2021	$ 1,515,175
East	SHERMAN	406063	2015	2021	$ 1,781,414
Dade	BRANDON	808631	2019	2022	$ 1,403,239
North	SUNTREE	204363	2020	2022	$ 1,710,068
North	HOLLAND PARK	202632	2019	2022	$ 701,759
Broward	STONEBRIDGE	704761	2020	2022	$ 4,833
North	VIERA	209761	2020	2022	$ 514,306

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
North	DAIRY	205531	2020	2022	$ 591,452
North	MADISON	102232	2020	2022	$ 617,957
North	TAYLOR	104833	2020	2022	$ 656,579
North	RINEHART	207933	2020	2022	$ 722,237
North	ORMOND	101132	2020	2022	$ 733,824
North	SYLVAN	205933	2020	2022	$ 760,860
North	AURORA	202534	2020	2022	$ 857,177
North	MATANZAS	102533	2020	2022	$ 1,904,144
West	PALMA SOLA	502562	2013	2022	$ 303,830
East	BOYNTON	400539	2018	2022	$ 609,510
Broward	HIGHLANDS	703834	2019	2022	$ 818,361
Broward	TRAIN	706535	2019	2022	$ 820,388
Broward	VERENA	700640	2019	2022	$ 890,005
Broward	HOLY CROSS	701940	2019	2022	$ 1,100,500
North	MATANZAS	102534	2020	2022	$ 1,225,409
North	COQUINA	106661	2020	2022	$ 1,853,871
North	COQUINA	106662	2020	2022	$ 2,081,743
North	FOREST GROVE	106861	2020	2022	$ 2,417,757
North	SARNO	205633	2019	2022	$ 218,061
North	COMO	105131	2019	2022	$ 632,065
North	ONEIL	307762	2019	2022	$ 896,790
North	MIMS	202234	2019	2022	$ 969,776
North	SYLVAN	205937	2019	2022	$ 1,035,078
Dade	SWEETWATER	809767	2018	2022	$ 1,064,178
North	HOLLY HILL	101033	2020	2022	$ 1,382,679
North	ST AUGUSTINE	100236	2019	2022	$ 1,062,635
North	DERBY	210131	2019	2022	$ 1,081,425
West	AUBURN	505763	2018	2022	$ 350,515
West	WALKER	506034	2019	2022	$ 942,008
West	TICE	501832	2019	2022	$ 1,839,052
West	GOLDEN GATE	504965	2019	2022	$ 3,077,277
West	GOLDEN GATE	504962	2019	2022	$ 3,935,930
North	MELBOURNE	200536	2020	2022	$ 1,782,928
West	AUBURN	505762	2019	2022	$ 3,020,338
East	FOUNTAIN	405637	2015	2022	$ 748,565
West	FT MYERS	501133	2018	2022	$ 817,721
West	LABELLE	502463	2018	2022	$ 4,461,192
North	OSTEEN	207863	2020	2022	$ 432,570
West	PHILLIPPI	503035	2020	2022	$ 532,255
Dade	MARION	802733	2020	2022	$ 612,722
East	PLATT	404632	2020	2022	$ 622,556
West	ARCADIA	501436	2020	2022	$ 658,187
East	MONTEREY	408335	2020	2022	$ 691,729
North	MELBOURNE	200533	2020	2022	$ 771,459
Dade	BELL	810833	2020	2022	$ 651,708
Dade	MARION	802732	2020	2022	$ 845,134
Dade	BISCAYNE	801831	2020	2022	$ 2,113,736
North	FOREST GROVE	106863	2020	2022	$ 1,120,047
West	FT MYERS	501131	2020	2022	$ 1,122,790
West	PAYNE	502837	2020	2022	$ 1,165,893
North	EDGEWATER	101938	2020	2022	$ 1,286,123
North	WILLOW	103836	2020	2022	$ 1,351,781
West	PAYNE	502834	2020	2022	$ 1,394,002
West	SORRENTO	504833	2020	2022	$ 1,394,002
West	SOUTH VENICE	503433	2020	2022	$ 1,402,451
West	PHILLIPPI	503031	2020	2022	$ 1,415,124
East	PRIMAVISTA	405535	2020	2022	$ 1,424,147
West	COOPER	508062	2020	2022	$ 1,455,755
Broward	CRYSTAL	703735	2020	2022	$ 1,490,372
North	AURORA	202537	2020	2022	$ 1,500,060
Broward	CYPRESS CREEK	702139	2020	2022	$ 1,504,045
East	ROSS	408163	2020	2022	$ 1,528,941
West	EDISON	503634	2020	2022	$ 1,543,963
North	ROCKLEDGE	203135	2020	2022	$ 1,568,634
Broward	PERRY	702834	2020	2022	$ 1,588,583
North	GRANDVIEW	201432	2020	2022	$ 1,622,137
West	LIVINGSTON	506666	2020	2022	$ 1,623,823
North	FLEMING	102432	2020	2022	$ 1,660,760
Broward	BASSCREEK	706364	2020	2022	$ 1,666,809

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
North	HARRIS	203637	2020	2022	$ 1,714,354
Broward	PERRY	702831	2020	2022	$ 1,726,982
Broward	HOLY CROSS	701932	2020	2022	$ 1,749,139
East	SANDALFOOT	405035	2020	2022	$ 1,786,495
East	KIMBERLY	406865	2020	2022	$ 1,786,495
East	PORT SEWALL	404933	2020	2022	$ 1,790,356
West	ALLIGATOR	503561	2020	2022	$ 1,804,839
North	GRANDVIEW	201435	2020	2022	$ 1,811,387
North	ORMOND	101134	2020	2022	$ 1,892,494
West	ENGLEWOOD	500761	2020	2022	$ 1,893,256
Broward	FLAMINGO	707266	2020	2022	$ 1,925,555
East	SQUARE LAKE	407734	2020	2022	$ 1,940,579
Broward	REMSBURG	705867	2020	2022	$ 1,955,258
Broward	CYPRESS CREEK	702137	2020	2022	$ 1,968,931
North	DELTONA	204064	2020	2022	$ 1,981,325
East	PORT SEWALL	404934	2020	2022	$ 2,030,427
Broward	REMSBURG	705868	2020	2022	$ 2,030,461
North	HASTINGS	100332	2020	2022	$ 2,042,348
West	IMPERIAL	507062	2020	2022	$ 2,049,743
North	HARRIS	203631	2020	2022	$ 2,057,225
Broward	SHERIDAN	707033	2020	2022	$ 2,106,076
East	RYDER	410661	2020	2022	$ 2,116,995
Broward	SOUTHSIDE	705564	2020	2022	$ 2,179,136
East	PRIMAVISTA	405531	2020	2022	$ 2,213,531
East	PRIMAVISTA	405533	2020	2022	$ 2,217,600
West	PINE RIDGE	504364	2020	2022	$ 2,289,324
North	PORT ORANGE	100839	2020	2022	$ 942,385
North	WILLOW	103832	2020	2022	$ 946,247
Broward	MCARTHUR	702741	2020	2022	$ 1,027,619
North	PORT ORANGE	100836	2020	2022	$ 1,050,527
Broward	CHAPEL	706962	2020	2022	$ 1,053,038
West	PAYNE	502832	2020	2022	$ 1,056,062
West	ALLIGATOR	503565	2020	2022	$ 1,064,802
Broward	HOLLYWOOD	700233	2020	2022	$ 1,143,298
West	EDISON	503635	2020	2022	$ 1,181,930
East	BOCA RATON	400736	2020	2022	$ 1,208,512
West	SOLANA	503135	2020	2022	$ 1,224,522
East	SANDALFOOT	405034	2020	2022	$ 1,261,055
Broward	SOUTHSIDE	705531	2020	2022	$ 1,268,126
East	PAHOKEE	400831	2019	2022	$ 1,282,073
Broward	CYPRESS CREEK	702132	2020	2022	$ 1,285,275
Broward	HOLLYWOOD	700235	2020	2022	$ 1,299,750
Broward	MCARTHUR	702740	2020	2022	$ 1,304,566
Broward	SHERIDAN	707031	2020	2022	$ 1,383,993
Broward	MCARTHUR	702738	2020	2022	$ 1,384,735
East	INLET	411734	2020	2022	$ 1,393,688
West	EDISON	503639	2020	2022	$ 1,400,214
Broward	MALLARD	704565	2020	2022	$ 1,469,862
East	LOXAHATCHEE	407664	2020	2022	$ 4,116,379
Broward	ROCK ISLAND	701838	2020	2022	$ 1,780,499
Broward	ROCK ISLAND	701836	2020	2022	$ 2,663,178
Broward	SOUTHSIDE	705532	2020	2022	$ 1,457,616
Broward	HOLLYWOOD	700232	2020	2022	$ 1,492,305
Broward	WESTINGHOUSE	703935	2020	2022	$ 2,187,702
Dade	CUTLER	802038	2020	2022	$ 1,056,418
Dade	MITCHELL	809232	2020	2022	$ 1,140,932
Dade	GRATIGNY	804539	2020	2022	$ 1,176,695
Dade	MILLER	805636	2020	2022	$ 1,204,317
North	PORT ORANGE	100833	2020	2022	$ 1,761,178
Dade	BISCAYNE	801833	2020	2022	$ 1,767,083
Dade	GARDEN	804135	2020	2022	$ 1,268,242
Dade	MEMORIAL	811831	2020	2022	$ 1,310,516
Dade	DADELAND	807536	2020	2022	$ 1,325,805
Dade	GRATIGNY	804534	2020	2022	$ 1,430,137
Dade	OPA LOCKA	801236	2020	2022	$ 1,437,340
Dade	INDUSTRIAL	804636	2020	2022	$ 1,448,240
Dade	MIAMI SHORES	803435	2020	2022	$ 2,367,384
North	SATELLITE	204133	2018	2022	$ 1,586
Dade	MIAMI LAKES	807932	2019	2022	$ 5,873

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
East	PLAZA	410162	2019	2022	$ 254,312
North	ST AUGUSTINE	100234	2018	2022	$ 129,235
Broward	OAKLAND PARK	700461	2019	2022	$ 63,991
East	BUTTS	405939	2019	2022	$ 318,152
Broward	SHERIDAN	707034	2019	2022	$ 604,153
East	RIO	407033	2019	2022	$ 706,331
North	COLUMBIA	301131	2020	2022	$ 630,580
Broward	SAMPLE ROAD	701041	2019	2022	$ 32,016
Dade	DUMFOUNDLING	809834	2019	2022	$ 84,079
Broward	HOLMBERG	706463	2019	2022	$ 23,642
East	PORT SEWALL	404932	2019	2022	$ 106,647
West	ALVA	504762	2018	2022	$ 281,080
East	ACME	405268	2019	2022	$ 58,978
East	ATLANTIC	403239	2019	2022	$ 65,905
North	AURORA	202533	2019	2022	$ 1,021,353
Dade	BEACON	812161	2018	2022	$ 665,196
Broward	BEVERLY	700837	2018	2022	$ 603,607
East	BOCA RATON	400734	2019	2022	$ 157,201
East	CANAL	414133	2019	2022	$ 50,960
East	CANAL	414135	2019	2022	$ 34,360
North	CHULUOTA	207261	2019	2022	$ 1,357,075
Dade	CUTLER	802034	2016	2022	$ 156,130
North	DAYTONA BEACH	100137	2019	2022	$ 1,176,008
North	EAU GALLIE	201035	2019	2022	$ 989,148
North	FLEMING	102433	2019	2022	$ 940,257
Dade	FLORIDA CITY	803132	2013	2022	$ 242,018
West	GLADIOLUS	507665	2019	2022	$ 143,803
East	GRACEWOOD	414033	2019	2022	$ 81,372
Broward	HALLANDALE	700936	2019	2022	$ 360,115
West	HARBOR	503764	2018	2022	$ 744
Broward	HAWKINS	702935	2018	2022	$ 223,744
North	HIBISCUS	203531	2019	2022	$ 715,872
East	HILLCREST	400436	2018	2022	$ 1,204,538
East	HILLSBORO	404732	2014	2022	$ 1,179,298
Broward	HOLMBERG	706465	2019	2022	$ 650,589
East	HOMELAND	408661	2018	2022	$ 47,886
West	HYDE PARK	500437	2018	2022	$ 212,700
East	JUNO BEACH	402632	2018	2022	$ 226,655
Dade	KENDALL	804335	2018	2022	$ 1,097,939
Dade	KILLIAN	807631	2019	2022	$ 922,951
Dade	KILLIAN	807635	2019	2022	$ 914,093
North	MADISON	102231	2019	2022	$ 977,049
North	MADISON	102234	2019	2022	$ 913,535
Broward	MARGATE	702237	2019	2022	$ 58,666
North	MCMEEKIN	100532	2019	2022	$ 772,377
West	METRO	506161	2019	2022	$ 125,274
West	METRO	506163	2018	2022	$ 362,988
Dade	MIAMI LAKES	807935	2019	2022	$ 40,960
Dade	NEWTON	810361	2018	2022	$ 488,537
East	OLYMPIA	401761	2019	2022	$ 371,388
West	ONECO	502938	2018	2022	$ 261,143
North	ONEIL	307761	2017	2022	$ 348,289
Broward	PALM AIRE	703640	2019	2022	$ 1,207,801
West	PARK	505365	2018	2022	$ 11,677
West	PHILLIPPI	503039	2018	2022	$ 225,977
East	PLUMOSUS	408963	2017	2022	$ 135,021
West	PUNTA GORDA	501531	2018	2022	$ 157,329
West	PUNTA GORDA	501534	2018	2022	$ 25,179
Broward	REMSBURG	705862	2019	2022	$ 48,014
East	RIO	407036	2019	2022	$ 609,748
Broward	ROCK ISLAND	701834	2019	2022	$ 220,248
Dade	SNAKE CREEK	808434	2018	2022	$ 183,929
East	TERMINAL	402134	2018	2022	$ 1,211,800
West	VANDERBILT	506764	2018	2022	$ 49,316
East	WEST PALM BEACH	400135	2015	2022	$ 25,636
East	WEST PALM BEACH	400138	2020	2022	$ 716
West	WHITFIELD	500832	2019	2022	$ 188,241
West	WHITFIELD	500837	2019	2022	$ 344,233
East	BEELINE	405335	2018	2023	$ 973,822

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
East	KIMBERLY	406864	2018	2023	$ 1,278,197
East	LAKE PARK	403935	2018	2023	$ 4,625,654
West	PANACEA	508864	2018	2023	$ 2,485,624
West	PANACEA	508861	2018	2023	$ 4,684,744
Dade	COCONUT GROVE	800445	2019	2023	$ 1,059,797
Dade	RIVERSIDE	800537	2018	2023	$ 1,453,033
Dade	FLAGAMI	808062	2019	2023	$ 849,599
West	GOLDEN GATE	504967	2016	2023	$ 579,653
West	ARCADIA	501432	2018	2023	$ 4,347,812
Dade	INDUSTRIAL	804634	2019	2023	$ 1,659,442
Dade	FRONTON	801134	2019	2023	$ 3,499,913
Dade	FRONTON	801136	2016	2023	$ 3,510,043
Dade	CUTLER	802032	2020	2023	$ 1,996,630
West	AUBURN	505766	2020	2023	$ 1,562,972
West	PARRISH	507562	2020	2023	$ 1,634,784
West	PARRISH	507564	2020	2023	$ 1,892,464
East	SANDALFOOT	405036	2020	2023	$ 1,907,346
East	GREENACRES	401032	2020	2023	$ 2,096,505
West	SOUTH VENICE	503434	2020	2023	$ 2,192,385
East	KIMBERLY	406862	2020	2023	$ 2,206,847
Broward	VALENCIA	706263	2020	2023	$ 2,226,423
North	ST JOE	102364	2020	2023	$ 2,301,890
West	LAURELWOOD	509961	2020	2023	$ 2,340,234
West	ENGLEWOOD	500768	2020	2023	$ 2,365,602
Broward	REMSBURG	705865	2020	2023	$ 2,433,818
Broward	WESTINGHOUSE	703931	2020	2023	$ 2,440,655
East	PORT SEWALL	404936	2020	2023	$ 2,502,430
West	DORR FIELD	504262	2020	2023	$ 2,524,341
Broward	CRYSTAL	703734	2020	2023	$ 2,666,261
West	AUBURN	505765	2020	2023	$ 2,669,726
East	ROSS	408168	2020	2023	$ 2,693,288
West	RUBONIA	505262	2020	2023	$ 2,733,089
West	SORRENTO	504834	2020	2023	$ 2,804,902
West	RUBONIA	505261	2020	2023	$ 2,880,938
Broward	WESTINGHOUSE	703937	2020	2023	$ 2,919,214
East	SHERMAN	406064	2020	2023	$ 3,023,260
Broward	HOLY CROSS	701939	2020	2023	$ 3,046,417
East	ACME	405266	2020	2023	$ 3,116,687
Broward	PERRY	702837	2020	2023	$ 3,219,287
East	PLATT	404631	2020	2023	$ 3,312,159
East	GLENDALE	407562	2020	2023	$ 3,454,574
North	MCDONNELL	203933	2020	2023	$ 3,471,566
East	WABASSO	400662	2020	2023	$ 3,556,298
East	ACME	405263	2020	2023	$ 3,587,131
Broward	ROCK ISLAND	701839	2020	2023	$ 3,695,056
Broward	ROCK ISLAND	701831	2020	2023	$ 1,325,776
Broward	CHAPEL	706961	2020	2023	$ 3,790,936
East	PAHOKEE	400832	2020	2023	$ 4,072,158
North	HIELD	208164	2020	2023	$ 4,114,449
North	MCDONNELL	203931	2020	2023	$ 4,225,882
West	IXORA	507863	2020	2023	$ 4,553,106
East	ALLAPATTAH	412161	2020	2023	$ 4,740,375
East	OLYMPIA	401764	2020	2023	$ 7,108,528
Dade	RED ROAD	806835	2020	2023	$ 1,864,609
Dade	DADE	805438	2020	2023	$ 1,870,643
Dade	HIALEAH	800739	2020	2023	$ 1,900,815
Dade	KILLIAN	807632	2020	2023	$ 1,721,961
Dade	KILLIAN	807633	2020	2023	$ 1,743,090
Dade	HIALEAH	800732	2020	2023	$ 1,780,128
Dade	DADE	805432	2020	2023	$ 2,504,248
West	GATEWAY	508462	2020	2023	$ 2,663,722
Dade	OPA LOCKA	801234	2020	2023	$ 2,790,132
Dade	INDUSTRIAL	804632	2020	2023	$ 2,866,308
Dade	GARDEN	804138	2020	2023	$ 2,959,230
Dade	MEMORIAL	811832	2020	2023	$ 3,043,780
Dade	GARDEN	804131	2020	2023	$ 3,195,969
West	IMPERIAL	507063	2020	2023	$ 3,785,370
West	CASTLE	504661	2020	2023	$ 1,609,439
Dade	TAMIAMI	809132	2021	2023	$ 4,543

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
Dade	MARKET	803540	2021	2023	$ 4,915
East	SABAL	408766	2021	2023	$ 6,183
Dade	COURT	809665	2021	2023	$ 7,264
East	JUNO BEACH	402637	2021	2023	$ 8,039
Dade	COURT	809661	2021	2023	$ 8,087
West	COLONIAL	502633	2021	2023	$ 8,290
Broward	LAKEVIEW	704934	2021	2023	$ 8,453
Broward	DAVIE	702532	2021	2023	$ 8,620
Dade	NORMANDY BEACH	801036	2021	2023	$ 8,694
Broward	SAMPLE ROAD	701040	2021	2023	$ 8,704
East	LINTON	401932	2021	2023	$ 8,869
Dade	COUNTRY CLUB	805936	2021	2023	$ 9,476
Broward	PROGRESSO	709263	2021	2023	$ 9,640
East	DATURA ST	400232	2021	2023	$ 9,708
Broward	DEERFIELD BEACH	703539	2021	2023	$ 9,989
East	JUNO BEACH	402636	2021	2023	$ 10,303
Dade	RIVERSIDE	800531	2021	2023	$ 10,557
East	JENSEN	403437	2021	2023	$ 11,092
West	NAPLES	501231	2021	2023	$ 11,100
Broward	RAVENSWOOD	703134	2021	2023	$ 11,195
Broward	COPANS	705638	2021	2023	$ 11,234
Broward	RAVENSWOOD	703137	2021	2023	$ 11,337
Dade	HOMESTEAD	803235	2021	2023	$ 11,342
Broward	HAWKINS	702931	2021	2023	$ 11,583
Dade	BOULEVARD	808732	2021	2023	$ 11,817
East	IBM	404334	2021	2023	$ 11,833
East	DATURA ST	400233	2021	2023	$ 11,860
Broward	MOTOROLA	704033	2021	2023	$ 12,247
Dade	COUNTRY CLUB	805934	2021	2023	$ 12,492
Broward	COPANS	705637	2021	2023	$ 12,583
Broward	DEERFIELD BEACH	703532	2021	2023	$ 12,949
Broward	RAVENSWOOD	703136	2021	2023	$ 13,156
Broward	LYONS	701131	2021	2023	$ 13,163
Dade	PERRINE	804231	2021	2023	$ 13,200
Dade	OLYMPIA HEIGHTS	808932	2021	2023	$ 13,460
Broward	POMPANO	700539	2021	2023	$ 13,491
Dade	ROSELAWN	807033	2021	2023	$ 13,548
Broward	DAVIE	702537	2021	2023	$ 13,983
West	CLARK	500537	2021	2023	$ 14,274
Dade	PERRINE	804234	2021	2023	$ 14,394
Dade	JASMINE	810564	2021	2023	$ 15,220
East	LAKE PARK	403933	2021	2023	$ 15,262
Broward	POMPANO	700533	2021	2023	$ 15,360
West	COLONIAL	502638	2021	2023	$ 15,461
Broward	CRYSTAL	703739	2021	2023	$ 15,517
Dade	RIVERSIDE	800536	2021	2023	$ 15,762
West	PALMA SOLA	502534	2021	2023	$ 15,939
West	WHITFIELD	500835	2021	2023	$ 15,942
West	CLARK	500535	2021	2023	$ 16,028
Broward	HALLANDALE	700938	2021	2023	$ 16,157
Broward	BEVERLY	700844	2021	2023	$ 16,174
Dade	62ND AVE	801738	2021	2023	$ 16,190
Broward	DRIFTWOOD	702036	2021	2023	$ 16,233
Broward	DAVIE	702533	2021	2023	$ 16,245
East	HAMLET	409863	2021	2023	$ 16,333
Broward	DAVIE	702535	2021	2023	$ 16,433
Dade	LE JEUNE	804036	2021	2023	$ 16,498
Broward	RESERVATION	703434	2021	2023	$ 16,583
North	SANFORD	200135	2021	2023	$ 16,859
Broward	DEERFIELD BEACH	703540	2021	2023	$ 16,865
Dade	CORAL REEF	805833	2021	2023	$ 16,999
North	COCOA BEACH	200731	2021	2023	$ 17,016
Dade	FLORIDA CITY	803137	2021	2023	$ 17,171
East	EDEN	411031	2021	2023	$ 17,271
East	BONANZA	413636	2021	2023	$ 17,271
Dade	RIVERSIDE	800539	2021	2023	$ 17,823
Broward	CULLUM	707132	2021	2023	$ 18,063
Broward	POMPANO	700531	2021	2023	$ 18,133
Dade	RIVERSIDE	800534	2021	2023	$ 18,151

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
East	LAKE PARK	403936	2021	2023	$ 18,694
West	PALMA SOLA	502533	2021	2023	$ 18,821
Dade	CORAL REEF	805834	2021	2023	$ 18,859
East	WESTWARD	404040	2021	2023	$ 19,078
Broward	DAVIE	702531	2021	2023	$ 19,181
West	VAMO	505563	2021	2023	$ 19,562
Dade	WHISPERING PINES	808335	2021	2023	$ 19,725
East	LINTON	401938	2021	2023	$ 19,820
East	NORTHWOOD	400333	2021	2023	$ 20,268
Dade	HOMESTEAD	803234	2021	2023	$ 20,416
West	CLARK	500536	2021	2023	$ 20,458
West	COLONIAL	502632	2021	2023	$ 20,507
West	COLONIAL	502634	2021	2023	$ 20,724
Dade	OLYMPIA HEIGHTS	808936	2021	2023	$ 21,378
North	SYKES CREEK	201732	2021	2023	$ 21,392
North	SANFORD	200134	2021	2023	$ 21,589
Dade	62ND AVE	801736	2021	2023	$ 21,603
West	ONECO	502933	2021	2023	$ 21,609
Dade	SUNILAND	806531	2021	2023	$ 21,816
Dade	PERRINE	804238	2021	2023	$ 22,155
West	BONITA SPRINGS	502165	2021	2023	$ 22,424
West	TUTTLE	504535	2021	2023	$ 22,494
Dade	OLYMPIA HEIGHTS	808933	2021	2023	$ 22,764
West	CLARK	500531	2021	2023	$ 22,826
Dade	SUNILAND	806535	2021	2023	$ 22,895
West	HERCULES	510161	2021	2023	$ 34,586
North	CELERY	200262	2021	2023	$ 38,608
East	CHAMBERS	413835	2021	2023	$ 40,815
East	ALLAPATTAH	412164	2021	2023	$ 47,758
East	BOCA TEECA	404241	2019	2023	$ 534,521
Dade	BUENA VISTA	800333	2014	2023	$ 896,984
East	CRANE	407162	2018	2023	$ 481,077
East	DELMAR	406931	2018	2023	$ 678,224
East	GOLF	404134	2018	2023	$ 560,636
East	GREENACRES	401035	2018	2023	$ 337,694
East	MILITARY TRAIL	403035	2018	2023	$ 557,061
West	WINKLER	505465	2017	2023	$ 662,296
East	HOMELAND	408667	2021	2024	$ 11,494
Dade	JASMINE	810566	2021	2024	$ 11,770
Dade	RAILWAY	800835	2021	2024	$ 12,038
Dade	TAMIAMI	809136	2021	2024	$ 13,058
Dade	NORMANDY BEACH	801039	2021	2024	$ 13,534
Broward	SAMPLE ROAD	701042	2021	2024	$ 13,546
Dade	FIREHOUSE	813139	2021	2024	$ 13,731
Dade	GRAPELAND	802932	2021	2024	$ 14,369
Dade	FIREHOUSE	813135	2021	2024	$ 14,673
Dade	NORMANDY BEACH	801037	2021	2024	$ 14,756
Dade	COUNTY LINE	804833	2021	2024	$ 14,768
East	HOMELAND	408665	2021	2024	$ 15,079
Dade	GRAPELAND	802934	2021	2024	$ 15,206
Dade	TAMIAMI	809134	2021	2024	$ 16,677
Dade	GRAPELAND	802935	2021	2024	$ 16,700
Dade	SNAKE CREEK	808431	2021	2024	$ 17,328
Dade	LITTLE RIVER	800636	2021	2024	$ 17,732
East	HOMELAND	408662	2021	2024	$ 18,013
Dade	TAMIAMI	809133	2021	2024	$ 18,051
Broward	GOOLSBY	707732	2021	2024	$ 18,139
Dade	GRAPELAND	802931	2021	2024	$ 18,887
East	CHAMBERS	413831	2021	2024	$ 19,322
Broward	POMPANO	700536	2021	2024	$ 19,330
Broward	FAIRMONT	700733	2021	2024	$ 19,359
Dade	NORMANDY BEACH	801034	2021	2024	$ 19,503
Broward	DANIA	701531	2021	2024	$ 19,549
Broward	TWINLAKES	707932	2021	2024	$ 19,943
Dade	FULFORD	801431	2021	2024	$ 20,046
Broward	FAIRMONT	700738	2021	2024	$ 20,061
Broward	GOOLSBY	707731	2021	2024	$ 20,288
Dade	MARKET	803539	2021	2024	$ 20,581
Broward	DAVIE	702536	2021	2024	$ 20,797

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
Broward	ELY	702634	2021	2024	$ 20,859
Broward	LAKEVIEW	704937	2021	2024	$ 20,894
East	OAKES	406234	2021	2024	$ 21,083
Dade	NATOMA	805236	2021	2024	$ 21,703
Dade	LAWRENCE	805137	2021	2024	$ 21,720
Broward	ROHAN	703034	2021	2024	$ 21,861
Dade	SNAKE CREEK	808437	2021	2024	$ 21,883
Dade	TAMIAMI	809135	2021	2024	$ 21,924
Broward	LAKEVIEW	704931	2021	2024	$ 22,109
East	NORTON	404533	2021	2024	$ 22,302
Broward	DEERFIELD BEACH	703538	2021	2024	$ 22,311
Dade	NORMANDY BEACH	801035	2021	2024	$ 22,396
Broward	DAVIE	702534	2021	2024	$ 22,606
Dade	UNIVERSITY	805036	2021	2024	$ 22,878
Dade	MARKET	803531	2021	2024	$ 23,264
Dade	UNIVERSITY	805033	2021	2024	$ 24,092
Dade	MARKET	803538	2021	2024	$ 26,004
Dade	LITTLE RIVER	800637	2021	2024	$ 26,882
West	TUTTLE	504532	2021	2024	$ 30,530
Dade	HAINLIN	806436	2021	2024	$ 30,693
Dade	HAINLIN	806434	2021	2024	$ 30,719
East	LAKE PARK	403932	2021	2024	$ 31,312
West	ONECO	502937	2021	2024	$ 31,436
Dade	FULFORD	801436	2021	2024	$ 31,573
Broward	DRIFTWOOD	702034	2021	2024	$ 31,994
Dade	SNAKE CREEK	808433	2021	2024	$ 32,111
Broward	ROHAN	703036	2021	2024	$ 32,257
East	CLINTMOORE	405466	2021	2024	$ 32,435
Broward	PINEHURST	700333	2021	2024	$ 32,438
North	COLLEGE	204632	2021	2024	$ 32,991
East	BEELINE	405337	2021	2024	$ 33,231
North	TOMOKA	106061	2021	2024	$ 33,357
West	FRUITVILLE	501065	2021	2024	$ 33,381
Broward	TIMBERLAKE	705236	2021	2024	$ 33,636
West	ONECO	502934	2021	2024	$ 34,109
East	GREENACRES	401031	2021	2024	$ 34,205
Broward	MOTOROLA	704062	2021	2024	$ 34,243
West	CORKSCREW	507463	2021	2024	$ 35,099
North	TULSA	208631	2021	2024	$ 35,364
East	QUANTUM	407936	2021	2024	$ 35,480
Dade	ANHINGA	811364	2021	2024	$ 35,545
West	SUMMIT	509062	2021	2024	$ 35,654
East	CATCHMENT	409765	2021	2024	$ 35,943
West	ORTIZ	503861	2021	2024	$ 36,002
Dade	HAINLIN	806431	2021	2024	$ 36,146
East	NORTHWOOD	400337	2021	2024	$ 36,192
West	VANDERBILT	506765	2021	2024	$ 36,557
West	SHADE	506261	2021	2024	$ 37,008
Dade	MASTER	805538	2021	2024	$ 38,833
West	ESTERO	503962	2021	2024	$ 38,993
West	INTERSTATE	508163	2021	2024	$ 39,183
East	COVE	408263	2021	2024	$ 39,420
Dade	HAINLIN	806432	2021	2024	$ 40,405
Dade	SWEETWATER	809763	2021	2024	$ 40,438
East	WHITE CITY	401432	2021	2024	$ 40,477
East	JENSEN	403434	2021	2024	$ 41,282
Dade	PERRINE	804232	2021	2024	$ 41,307
North	TULSA	208632	2021	2024	$ 41,835
North	TULSA	208634	2021	2024	$ 41,914
East	GIFFORD	412062	2021	2024	$ 42,301
Dade	SPOONBILL	811163	2021	2024	$ 42,496
Dade	FLORIDA CITY	803134	2021	2024	$ 43,240
North	WINDOVER	208864	2021	2024	$ 43,616
Dade	KOGER	811561	2021	2024	$ 43,805
East	DELTRAIL	405869	2021	2024	$ 43,953
West	MURDOCK	502065	2021	2024	$ 43,998
East	COVE	408265	2021	2024	$ 45,183
North	GERONA	106235	2021	2024	$ 47,268
North	VIERA	209764	2021	2024	$ 47,481

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
West	CORKSCREW	507464	2021	2024	$ 52,553
North	CRESCENT CITY	100631	2021	2024	$ 53,786
East	WHITE CITY	401433	2021	2024	$ 55,138
East	ROSEDALE	410763	2021	2024	$ 56,478
East	CRANE	407167	2021	2024	$ 58,034
Dade	HAINLIN	806433	2021	2024	$ 58,611
East	BEELINE	405331	2021	2024	$ 59,156
North	CITY POINT	201531	2021	2024	$ 59,719
North	GRANT	208763	2021	2024	$ 61,256
North	OSTEEN	207861	2021	2024	$ 61,534
North	REGIS	106365	2021	2024	$ 62,217
North	CELERY	200261	2021	2024	$ 62,426
North	FLAGLER BEACH	101461	2021	2024	$ 64,466
West	FRANKLIN	506463	2021	2024	$ 67,282
West	GRANADA	506563	2021	2024	$ 68,137
East	GIFFORD	412063	2021	2024	$ 70,153
North	REGIS	106364	2021	2024	$ 70,931
East	SOUTH BAY	403631	2021	2024	$ 77,963
North	INTERLACHEN	102732	2021	2024	$ 78,459
North	MILLS	308062	2021	2024	$ 95,544
East	WHITE CITY	401434	2021	2024	$ 96,175
North	COMO	105133	2021	2024	$ 99,290
West	ALVA	504764	2021	2024	$ 136,360
East	PORT MAYACA	402763	2021	2024	$ 151,805
North	REGIS	106363	2021	2024	$ 173,266
East	ADAMS	408463	2021	2024	$ 300,869
East	LANTANA	402836	2021	2024	$ 22,960
West	ONECO	502931	2021	2024	$ 23,005
Dade	CORAL REEF	805835	2021	2024	$ 23,069
Dade	HOMESTEAD	803232	2021	2024	$ 23,188
Broward	ROHAN	703031	2021	2024	$ 23,298
Broward	FAIRMONT	700732	2021	2024	$ 23,360
East	BEELINE	405336	2021	2024	$ 23,387
Dade	BOULEVARD	808734	2021	2024	$ 23,596
West	WALKER	506035	2021	2024	$ 23,598
Broward	TIMBERLAKE	705233	2021	2024	$ 23,613
Broward	RESERVATION	703433	2021	2024	$ 23,652
West	HYDE PARK	500436	2021	2024	$ 23,856
Dade	ULETA	806333	2021	2024	$ 23,861
East	FOUNTAIN	405635	2021	2024	$ 23,875
East	JENSEN	403439	2021	2024	$ 23,937
Dade	62ND AVE	801735	2021	2024	$ 23,948
Broward	POMPANO	700532	2021	2024	$ 23,964
Dade	PERRINE	804239	2021	2024	$ 24,038
Dade	PERRINE	804235	2021	2024	$ 24,129
Broward	COLLINS	707532	2021	2024	$ 24,202
Dade	CORAL REEF	805836	2021	2024	$ 24,248
Dade	WHISPERING PINES	808336	2021	2024	$ 24,276
Dade	SOUTH MIAMI	802433	2021	2024	$ 24,435
East	OAKES	406237	2021	2024	$ 24,489
East	GREENACRES	401034	2021	2024	$ 24,714
Dade	PRINCETON	801632	2021	2024	$ 24,759
North	CLEARLAKE	202831	2021	2024	$ 24,760
Dade	TAMIAMI	809137	2021	2024	$ 24,880
North	TROPICANA	201232	2021	2024	$ 24,919
East	CRANE	407161	2021	2024	$ 25,377
Dade	COUNTY LINE	804831	2021	2024	$ 25,676
West	ONECO	502936	2021	2024	$ 25,735
East	CATCHMENT	409761	2021	2024	$ 25,817
Dade	COUNTY LINE	804832	2021	2024	$ 25,820
Dade	MILAM	808164	2021	2024	$ 25,860
East	OAKES	406233	2021	2024	$ 25,869
Dade	CORAL REEF	805831	2021	2024	$ 25,904
Dade	FRONTON	801139	2021	2024	$ 25,910
North	SYKES CREEK	201733	2021	2024	$ 26,102
Dade	PERRINE	804233	2021	2024	$ 26,148
East	HILLCREST	400431	2021	2024	$ 26,295
Broward	ELY	702637	2021	2024	$ 26,482
West	SUMMIT	509063	2021	2024	$ 26,688

Region	Substation	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
Dade	ULETA	806339	2021	2024	$ 26,947
Dade	SAGA	809433	2021	2024	$ 27,032
Broward	HAWKINS	702933	2021	2024	$ 27,324
Dade	SUNILAND	806532	2021	2024	$ 27,517
East	COVE	408261	2021	2024	$ 27,569
West	SHADE	506264	2021	2024	$ 27,705
Dade	OLYMPIA HEIGHTS	808935	2021	2024	$ 28,096
Dade	SOUTH MIAMI	802435	2021	2024	$ 28,176
West	ESTERO	503963	2021	2024	$ 28,298
Broward	RESERVATION	703432	2021	2024	$ 28,329
North	SYKES CREEK	201734	2021	2024	$ 28,345
West	ONECO	502935	2021	2024	$ 28,376
Dade	HOMESTEAD	803233	2021	2024	$ 28,384
East	LINTON	401937	2021	2024	$ 28,574
Dade	COUNTY LINE	804836	2021	2024	$ 29,135
West	ESTERO	503969	2021	2024	$ 29,243
West	VAMO	505562	2021	2024	$ 29,342
Broward	LAKEVIEW	704940	2021	2024	$ 29,524
Broward	TWINLAKES	707931	2021	2024	$ 29,526
East	MARLIN	410364	2021	2024	$ 29,639
Dade	62ND AVE	801733	2021	2024	$ 29,758
Broward	FAIRMONT	700735	2021	2024	$ 29,795
West	WALKER	506037	2021	2024	$ 29,996
Dade	COUNTRY CLUB	805933	2021	2024	$ 30,330

Notes:
(1) Start date reflects estimated/actual year when initial project costs will begin to accrue (e.g., preliminary engineering/design, site preparations, or customer outreach, if applicable).
(2) Completion year reflects the estimated/actual date when project will be completed.
(3) Amounts reflect SPP totals and breakdown between base and clause amounts can be seen in RBD-1 Form 6P.
(4) The SPP projects that will be completed as well as the associated costs in 2021 could vary based on a number of factors.

MJ-2 SPP Work Projected to be Completed in 2021
Lateral Hardening (Undergrounding) - Distribution Program

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
Broward	SAMPLE ROAD	87991935500S	701035	2020	2021	$ 233,632
Broward	SAMPLE ROAD	87991795805S	701035	2020	2021	$ 268,677
Broward	SAMPLE ROAD	87991498304S	701043	2020	2021	$ 233,632
Dade	ULETA	87465024308S	806334	2021	2022	$ 50,648
Dade	ULETA	87465024308E	806334	2021	2022	$ 94,633
Dade	LEMON CITY	87461072502S	807731	2021	2022	$ 75,973
Dade	LEMON CITY	87461072502N	807731	2021	2022	$ 109,294
Dade	FULFORD	87365241009W	801435	2021	2022	$ 170,605
Dade	LEMON CITY	87361900709E	807731	2021	2022	$ 14,661
Dade	LEMON CITY	87360521208E	807731	2021	2022	$ 18,660
Broward	PLANTATION	87279555207S	701639	2019	2021	$ 402,640
Dade	FULFORD	87265877401W	801435	2021	2022	$ 14,661
Dade	FULFORD	87265877401N	801435	2021	2022	$ 87,968
Dade	FULFORD	87265877401E	801435	2021	2022	$ 6,664
Dade	FULFORD	87265755608W	801435	2021	2022	$ 131,953
Dade	BRANDON	87164455505N	808632	2021	2022	$ 114,626
Dade	BRANDON	87164455505E	808632	2021	2022	$ 49,316
Broward	PLANTATION	87080876805E	701632	2021	2022	$ 29,323
Broward	PLANTATION	87080169301S	701632	2021	2022	$ 61,311
Broward	PLANTATION	87080169301N	701632	2021	2022	$ 34,654
Broward	PLAYLAND	87076636609N	701233	2020	2021	$ 355,981
Dade	BRANDON	87064913009S	808632	2021	2022	$ 19,993
Dade	BRANDON	87064913009E	808632	2021	2022	$ 6,664
Dade	BRANDON	87064865802E	808632	2021	2022	$ 22,659
Dade	BRANDON	87063725918S	808632	2021	2022	$ 13,329
Dade	BRANDON	87063503303E	808632	2021	2022	$ 54,647
Broward	PLANTATION	86980519707S	701632	2021	2022	$ 122,623
Dade	COCONUT GROVE	86950199101S	800436	2018	2021	$ 2,000
Dade	DADE	86658295201W	805433	2019	2021	$ 2,000
Dade	HIALEAH	86658284501W	800732	2019	2021	$ 711,760
Dade	SNAPPER CREEK	86648551302?	808833	2019	2022	$ 26,657
Dade	SNAPPER CREEK	86648421204S	808833	2019	2022	$ 95,966
Dade	SNAPPER CREEK	86648421204N	808834	2019	2021	$ 698,600
Dade	SNAPPER CREEK	86647517003N	808833	2021	2022	$ 21,326
Dade	SNAPPER CREEK	86647116815N	808833	2021	2022	$ 15,994
Dade	SNAPPER CREEK	86647006815N	808833	2021	2022	$ 13,329
Dade	SUNILAND	86646284901S	806535	2019	2021	$ 2,000
Dade	SUNILAND	86646284901N	806535	2021	2022	$ 31,989
Dade	CUTLER	86645948309W	802034	2019	2021	$ 994,560
Dade	SUNILAND	86546624801W	806535	2021	2022	$ 79,971
Dade	SUNILAND	86546624801N	806535	2021	2022	$ 98,631
Dade	SUNILAND	86546224705S	806535	2021	2022	$ 109,294
Dade	SUNILAND	86546224705N	806535	2021	2022	$ 9,330
Broward	STONEBRIDGE	86474104702S	704763	2019	2021	$ 268,677
Broward	STONEBRIDGE	86473536803N	704761	2021	2022	$ 182,601
Dade	SUNILAND	86446893811E	806535	2021	2022	$ 37,320
Broward	STONEBRIDGE	86374864709S	704761	2020	2021	$ 116,816
Broward	STONEBRIDGE	86374864709N	704761	2021	2022	$ 43,984
Broward	STONEBRIDGE	86374644709S	704761	2021	2022	$ 14,661
Broward	STONEBRIDGE	86374644709N	704761	2021	2022	$ 15,994
Broward	STONEBRIDGE	86374374701N	704761	2021	2022	$ 2,666
Broward	STONEBRIDGE	86374194606S	704761	2019	2021	$ 198,587
Broward	STONEBRIDGE	86373926808N	704761	2021	2022	$ 14,661
West	SOLANA	76385162607E	503132	2019	2021	$ 865,768
East	QUANTUM	68110217309W	407931	2019	2021	$ 446,970
East	SKYPASS	68027883805E	409434	2019	2021	$ 322,655
East	CALDWELL	68000465000W	408033	2019	2021	$ 681,500
East	WESTWARD	67923352909N	404038	2019	2021	$ 2,000
East	HILLS	67841728801N	407333	2019	2021	$ 964,910
East	HILLS	67841578800N	407333	2019	2021	$ 2,000
East	GREENACRES	67817530304S	401031	2020	2021	$ 93,366
North	PORT SEWALL	67154944403N	404936	2019	2021	$ 253,800

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
East	ALEXANDER	67139647908S	408562	2019	2021	$ 2,000
North	PORT SEWALL	67054245604W	404937	2020	2021	$ 2,000
North	PORT SEWALL	67054245604E	404937	2020	2021	$ 2,000
North	PORT SEWALL	67054226103W	404937	2020	2021	$ 2,000
North	PORT SEWALL	67054226103E	404937	2020	2021	$ 2,000
North	PORT SEWALL	67054206501W	404937	2020	2021	$ 2,000
North	PORT SEWALL	67054206501E	404937	2020	2021	$ 1,503,946
North	PORT SEWALL	67054187001W	404937	2019	2021	$ 232,650
North	PORT SEWALL	67054187001E	404937	2019	2021	$ 211,500
North	PORT SEWALL	67054167409W	404937	2019	2021	$ 232,650
North	PORT SEWALL	67054167409E	404937	2019	2021	$ 359,550
North	PORT SEWALL	67054138018W	404937	2019	2021	$ 232,650
North	PORT SEWALL	67054138000E	404937	2019	2021	$ 497,025
EAST	LOXAHATCHEE	66823483501W	407666	2021	2022	$ 23,695
EAST	LOXAHATCHEE	66823483501N	407666	2021	2022	$ 271,310
EAST	LOXAHATCHEE	66823483501E	407666	2021	2022	$ 284,342
EAST	LOXAHATCHEE	66823460307W	407666	2021	2022	$ 34,358
EAST	LOXAHATCHEE	66823460307E	407666	2021	2022	$ 47,390
EAST	LOXAHATCHEE	66723960905E	407666	2021	2022	$ 8,293
EAST	LOXAHATCHEE	66722396003S	407666	2021	2022	$ 199,040
EAST	LOXAHATCHEE	66722396003N	407666	2021	2022	$ 745,214
EAST	LOXAHATCHEE	66624974308W	407666	2021	2022	$ 4,739
EAST	LOXAHATCHEE	66624974308E	407666	2021	2022	$ 15,402
EAST	LOXAHATCHEE	66624965708W	407666	2021	2022	$ 268,941
EAST	LOXAHATCHEE	66624965708E	407666	2021	2022	$ 110,183
EAST	LOXAHATCHEE	66624941604W	407666	2021	2022	$ 50,945
EAST	LOXAHATCHEE	66624941604E	407666	2021	2022	$ 108,998
EAST	LOXAHATCHEE	66624930203W	407666	2021	2022	$ 55,684
EAST	LOXAHATCHEE	66624930203E	407666	2021	2022	$ 18,956
EAST	LOXAHATCHEE	66623939509W	407666	2021	2022	$ 87,672
EAST	LOXAHATCHEE	66623939509E	407666	2021	2022	$ 26,065
EAST	LOXAHATCHEE	66623927209W	407666	2021	2022	$ 23,695
EAST	LOXAHATCHEE	66623927209E	407666	2021	2022	$ 18,956
EAST	LOXAHATCHEE	66622885103W	407666	2021	2022	$ 18,956
EAST	LOXAHATCHEE	66622346113N	407666	2021	2022	$ 462,056
EAST	LOXAHATCHEE	66621752801W	407666	2021	2022	$ 78,194
EAST	LOXAHATCHEE	66621752801N	407666	2021	2022	$ 29,619
North	EDEN	66563169102N	411034	2019	2021	$ 1,491,075
North	TURNPIKE	66365754910E	406163	2019	2021	$ 3,433,820
North	TURNPIKE	66064743405S	406164	2019	2021	$ 2,000
NORTH	SEBASTIAN	65399753706W	405765	2021	2022	$ 158,758
NORTH	SEBASTIAN	65399753706N	405765	2021	2022	$ 170,605
NORTH	SEBASTIAN	65399675004W	405765	2021	2022	$ 65,162
NORTH	SEBASTIAN	65399675004E	405765	2021	2022	$ 129,139
NORTH	SEBASTIAN	65399497505W	405765	2021	2022	$ 43,836
NORTH	SEBASTIAN	65399497505E	405765	2021	2022	$ 8,293
NORTH	SEBASTIAN	65399409002W	405765	2021	2022	$ 149,280
NORTH	SEBASTIAN	65399409002E	405765	2021	2022	$ 182,453
NORTH	FELLSMERE	65398139800S	411562	2021	2023	$ 58,053
NORTH	FELLSMERE	65398139800N	411562	2021	2023	$ 21,326
NORTH	FELLSMERE	65299561604W	411562	2021	2023	$ 149,280
NORTH	FELLSMERE	65299561604E	411562	2021	2023	$ 87,672
NORTH	FELLSMERE	65299359007W	411562	2021	2023	$ 18,956
NORTH	FELLSMERE	65299359007E	411562	2021	2023	$ 47,390
NORTH	FELLSMERE	65299356504W	411562	2021	2023	$ 137,432
NORTH	FELLSMERE	65299356504E	411562	2021	2023	$ 59,238
North	GLENDALE	65290983301N	407562	2019	2021	$ 822,500
WEST	HARBOR	54541247908W	503766	2021	2022	$ 33,321
WEST	HARBOR	54541247908E	503766	2021	2022	$ 25,324
WEST	HARBOR	54442829201S	503766	2021	2022	$ 130,620
WEST	HARBOR	54442829201N	503766	2021	2022	$ 2,666
WEST	HARBOR	54342888501S	503766	2021	2022	$ 242,580
WEST	HARBOR	54342888501E	503766	2021	2022	$ 34,654
WEST	COCOPLUM	53745933201W	503262	2021	2022	$ 418,516
WEST	COCOPLUM	53745201201S	503262	2021	2022	$ 219,921

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
WEST	COCOPLUM	53745201201N	503262	2021	2022	$ 586,456
WEST	COCOPLUM	53646749309W	503262	2021	2022	$ 333,214
WEST	COCOPLUM	53646749309E	503262	2021	2022	$ 189,265
WEST	COCOPLUM	53646721102S	503262	2021	2022	$ 383,862
WEST	COCOPLUM	53646524315E	503262	2021	2022	$ 246,578
WEST	COCOPLUM	53646524307W	503262	2021	2022	$ 70,641
WEST	COCOPLUM	53447701508E	503262	2021	2022	$ 22,659
West	PROCTOR	52265252503W	505165	2019	2021	$ 751,165
West	PROCTOR	52265252503E	505165	2019	2021	$ 520,103
West	PROCTOR	52265245507W	505165	2019	2021	$ 391,920
West	PROCTOR	52265245507E	505165	2019	2021	$ 2,109,760
West	PROCTOR	52265243601W	505165	2019	2021	$ 2,000
West	PROCTOR	52265243601E	505165	2019	2021	$ 2,000
West	PROCTOR	52265243105E	505165	2019	2021	$ 2,000
West	FRUITVILLE	51866677801W	501063	2019	2021	$ 3,146,818
West	BENEVA	51866512802S	504132	2019	2021	$ 2,000
West	BENEVA	51866512802N	504132	2019	2021	$ 2,000
West	PARK	51771993904W	505363	2019	2021	$ 2,000
West	PARK	51771993904E	505363	2019	2021	$ 687,100
West	PARK	51771993301W	505363	2019	2021	$ 652,500
West	PARK	51771993301E	505363	2019	2021	$ 2,000
West	PARK	51771745609S	505363	2019	2021	$ 278,110
West	TUTTLE	51768088309S	504531	2020	2021	$ 2,000
West	TUTTLE	51768088309N	504531	2020	2021	$ 2,000
West	BENEVA	51765790606S	504133	2019	2021	$ 2,128,978
West	TUTTLE	51668988301S	504531	2020	2021	$ 2,000
West	TUTTLE	51668988301N	504531	2020	2021	$ 2,000
West	TUTTLE	51668918303S	504531	2020	2021	$ 2,000
West	TUTTLE	51668918303N	504531	2020	2021	$ 2,000
West	HYDE PARK	51667744808E	500437	2019	2021	$ 722,400
West	HYDE PARK	51666086408W	500434	2019	2021	$ 2,000
West	PHILLIPPI	51564919706W	503034	2019	2021	$ 651,130
West	PHILLIPPI	51563482100W	503031	2018	2021	$ 1,314,745
West	CLARK	51562715500N	500534	2019	2021	$ 1,828,683
West	WALKER	51179873909E	506033	2019	2021	$ 2,255,665
NORTH	SEBASTIAN	49302445307S	405765	2021	2022	$ 7,109
NORTH	SEBASTIAN	49302445307N	405765	2021	2022	$ 100,705
NORTH	SEBASTIAN	49301326100N	405765	2021	2022	$ 113,737
NORTH	SEBASTIAN	49301326100E	405765	2021	2022	$ 82,933
NORTH	SEBASTIAN	49301049700W	405765	2021	2022	$ 104,259
NORTH	SEBASTIAN	49301049700E	405765	2021	2022	$ 73,455
NORTH	SEBASTIAN	49301047600W	405765	2021	2022	$ 144,541
NORTH	SEBASTIAN	49301047600E	405765	2021	2022	$ 33,173
NORTH	SEBASTIAN	49301045801W	405765	2021	2022	$ 20,141
NORTH	SEBASTIAN	49301045801E	405765	2021	2022	$ 22,510
NORTH	SEBASTIAN	49301000417S	405765	2021	2022	$ 60,423
NORTH	SEBASTIAN	49301000409N	405765	2021	2022	$ 111,367
NORTH	SEBASTIAN	49300405804E	405765	2021	2022	$ 74,640
NORTH	SEBASTIAN	49300252005S	405765	2021	2022	$ 22,510
NORTH	SEBASTIAN	49300192401E	405765	2021	2022	$ 24,880
NORTH	SEBASTIAN	49300192304S	405765	2021	2022	$ 16,587
NORTH	SEBASTIAN	49300174403S	405765	2021	2022	$ 65,162
NORTH	SEBASTIAN	49300174403N	405765	2021	2022	$ 42,651
NORTH	FELLSMERE	49201521800W	411562	2021	2023	$ 20,141
NORTH	FELLSMERE	49201521800E	411562	2021	2023	$ 110,183
NORTH	FELLSMERE	49201520102W	411562	2021	2023	$ 18,956
NORTH	FELLSMERE	49201520102E	411562	2021	2023	$ 28,434
NORTH	SEBASTIAN	49200826909S	405765	2021	2022	$ 26,065
NORTH	SEBASTIAN	49200826909N	405765	2021	2022	$ 39,097
NORTH	SEBASTIAN	49200688000N	405765	2021	2022	$ 20,141
NORTH	FELLSMERE	49200519607W	411562	2021	2023	$ 80,564
NORTH	FELLSMERE	49200519607E	411562	2021	2023	$ 14,217
North	HOLLAND PARK	48918616507W	202631	2019	2021	$ 886,961
North	PALM BAY	48618863526N	201637	2019	2021	$ 243,225
North	GARVEY	48015654901S	211063	2019	2021	$ 456,840

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
North	GARVEY	48015544901S	211063	2019	2021	$ 338,400
North	COX	47245694403E	207064	2019	2021	$ 686,670
North	PORT ORANGE	46298744904E	100832	2019	2021	$ 186,120
North	MADISON	37605135906N	102235	2019	2021	$ 353,205
North	ST AUGUSTINE	35954904101S	100232	2019	2021	$ 363,780
Broward	SAMPLE ROAD	88901292105	701033	2020	2021	$ 734,440
Broward	DEERFIELD BEACH	88092377393	703540	2020	2021	$ 151,861
Broward	DEERFIELD BEACH	88092298302	703540	2020	2021	$ 128,498
Broward	DEERFIELD BEACH	88092218201	703540	2020	2021	$ 315,403
Broward	DEERFIELD BEACH	88092163903	703537	2020	2021	$ 163,542
Broward	DEERFIELD BEACH	88092018300	703540	2020	2021	$ 163,542
Broward	SAMPLE ROAD	88091340208	701033	2020	2021	$ 256,995
Broward	SAMPLE ROAD	88091215004	701035	2020	2021	$ 175,224
Broward	SAMPLE ROAD	88091130301	701033	2020	2021	$ 130,760
Broward	SAMPLE ROAD	88091005417	701035	2020	2021	$ 140,179
Broward	FASHION	88090083902	704463	2020	2021	$ 210,269
Broward	SAMPLE ROAD	87992034905	701031	2019	2021	$ 492,240
Broward	SAMPLE ROAD	87991733001	701033	2020	2021	$ 151,861
Broward	SAMPLE ROAD	87991504207	701035	2020	2021	$ 70,090
Broward	SAMPLE ROAD	87991499505	701043	2020	2021	$ 280,358
Broward	FASHION	87990413305	704463	2020	2021	$ 81,771
Broward	FASHION	87988118903	704465	2019	2021	$ 679,840
East	HILLSBORO	87896654802	404732	2019	2021	$ 2,820,000
East	HILLSBORO	87896603108	404732	2019	2021	$ 544,260
Broward	LYONS	87887942302	701133	2019	2021	$ 296,520
Broward	LYONS	87887044908	701135	2019	2021	$ 1,732,920
Broward	SISTRUNK	87880113807	700134	2019	2021	$ 392,683
Broward	VERENA	87781433505	700639	2019	2021	$ 412,440
Broward	SISTRUNK	87581422400	700139	2020	2021	$ 1,268,669
Broward	SISTRUNK	87581059003	700139	2020	2021	$ 1,767,074
Broward	SISTRUNK	87581015405	700139	2020	2021	$ 1,283,772
Broward	PINEHURST	87579965701	700335	2019	2021	$ 628,880
Broward	SISTRUNK	87579427793	700133	2019	2021	$ 250,600
Broward	SISTRUNK	87481998800	700139	2020	2021	$ 3,081,053
Broward	SISTRUNK	87481957003	700139	2020	2021	$ 1,344,185
Broward	MOFFETT	87471961709	704133	2019	2021	$ 1,555,630
Dade	ULETA	87466009906	806336	2018	2021	$ 475,440
Dade	Uleta	87465545804	806337	2018	2021	$ 329,840
Dade	ULETA	87465024316	806334	2021	2022	$ 23,991
Dade	ULETA	87464254806	806334	2021	2022	$ 11,996
Dade	ULETA	87464054408	806334	2021	2022	$ 13,329
Dade	ULETA	87464054203	806334	2021	2022	$ 69,308
Dade	LEMON CITY	87461102509	807731	2021	2022	$ 17,327
Broward	BEVERLY	87372080015	700840	2019	2021	$ 764,487
Broward	BEVERLY	87372072101	700840	2019	2021	$ 406,280
Dade	FULFORD	87366837002	801436	2018	2021	$ 1,384,320
Dade	ULETA	87365774201	806334	2021	2022	$ 10,663
Dade	ULETA	87365773701	806334	2021	2022	$ 13,329
Dade	ULETA	87365773205	806334	2021	2022	$ 13,329
Dade	ULETA	87365632504	806334	2021	2022	$ 39,986
Dade	ULETA	87365511901	806334	2021	2022	$ 13,329
Dade	ULETA	87365511405	806334	2021	2022	$ 14,661
Dade	ULETA	87365510808	806334	2021	2022	$ 14,661
Dade	ULETA	87365510301	806334	2021	2022	$ 61,311
Dade	ULETA	87365494101	806334	2021	2022	$ 11,996
Dade	ULETA	87365493806	806334	2021	2022	$ 3,999
Dade	ULETA	87365492508	806334	2021	2022	$ 14,661
Dade	FULFORD	87365367304	801435	2021	2022	$ 25,324
Dade	FULFORD	87365365701	801435	2021	2022	$ 30,656
Dade	FULFORD	87365365301	801435	2021	2022	$ 26,657
Dade	FULFORD	87365356809	801435	2021	2022	$ 26,657
Dade	FULFORD	87365356302	801435	2021	2022	$ 27,990
Dade	FULFORD	87365253601	801435	2019	2022	$ 93,300
Dade	FULFORD	87365129101	801435	2021	2022	$ 10,663
Dade	FULFORD	87365125700	801435	2021	2022	$ 42,651

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
Dade	FULFORD	87365117901	801435	2021	2022	$ 9,330
Dade	FULFORD	87365117308	801435	2021	2022	$ 14,661
Dade	FULFORD	87365116816	801435	2021	2022	$ 14,661
Dade	FULFORD	87365116808	801435	2021	2022	$ 21,326
Dade	FULFORD	87365116212	801435	2021	2022	$ 14,661
Dade	FULFORD	87365116204	801435	2021	2022	$ 29,323
Dade	FULFORD	87365108503	801435	2021	2022	$ 7,997
Dade	FULFORD	87365108309	801435	2021	2022	$ 7,997
Dade	FULFORD	87365107604	801435	2021	2022	$ 2,666
Dade	FULFORD	87365019004	801435	2021	2022	$ 3,999
Dade	FULFORD	87365009009	801435	2021	2022	$ 30,656
Dade	ULETA	87364844702	806334	2021	2022	$ 22,659
Dade	ULETA	87364833603	806334	2021	2022	$ 29,323
Dade	ULETA	87364804603	806334	2021	2022	$ 69,308
Dade	ULETA	87364634601	806334	2021	2022	$ 10,663
Dade	ULETA	87364536501	806334	2021	2022	$ 53,314
Dade	ULETA	87364533901	806334	2021	2022	$ 9,330
Dade	ULETA	87364527804	806334	2021	2022	$ 143,948
Dade	ULETA	87364526506	806334	2021	2022	$ 31,989
Dade	ULETA	87364526107	806334	2021	2022	$ 54,647
Dade	ULETA	87364525500	806334	2021	2022	$ 47,983
Dade	ULETA	87364523906	806334	2021	2022	$ 27,990
Dade	ULETA	87364519500	806334	2021	2022	$ 3,999
Dade	ULETA	87364507803	806334	2021	2022	$ 11,996
Dade	ULETA	87364493501	806334	2021	2022	$ 25,324
Dade	FULFORD	87364447703	801435	2021	2022	$ 11,996
Dade	FULFORD	87364337801	801435	2021	2022	$ 9,330
Dade	FULFORD	87364276402	801435	2021	2022	$ 19,993
Dade	FULFORD	87364266504	801435	2021	2022	$ 1,333
Dade	FULFORD	87364259605	801435	2021	2022	$ 7,997
Dade	BOULEVARD	87362888109	808733	2019	2021	$ 1,785,840
Dade	LEMON CITY	87361913801	807731	2021	2022	$ 73,307
Dade	LEMON CITY	87361903112	807731	2021	2022	$ 7,997
Dade	LEMON CITY	87361903104	807731	2021	2022	$ 43,984
Dade	LEMON CITY	87361902507	807731	2021	2022	$ 11,996
Dade	LEMON CITY	87361900300	807731	2021	2022	$ 30,656
Dade	LEMON CITY	87360952209	807731	2021	2022	$ 11,996
Dade	LEMON CITY	87360925708	807731	2021	2022	$ 46,650
Dade	LEMON CITY	87360923900	807731	2021	2022	$ 59,978
Dade	LEMON CITY	87360923705	807731	2021	2022	$ 13,329
Dade	LEMON CITY	87360923209	807731	2021	2022	$ 11,996
Dade	LEMON CITY	87360922709	807731	2021	2022	$ 65,310
Dade	LEMON CITY	87360919503	807731	2021	2022	$ 9,330
Dade	LEMON CITY	87360919309	807731	2021	2022	$ 29,323
Dade	LEMON CITY	87360918507	807731	2021	2022	$ 43,984
Dade	LEMON CITY	87360918001	807731	2021	2022	$ 5,331
Dade	LEMON CITY	87360916903	807731	2021	2022	$ 19,993
Dade	LEMON CITY	87360916407	807731	2021	2022	$ 5,331
Dade	LEMON CITY	87360916008	807731	2021	2022	$ 51,981
Dade	LEMON CITY	87360521101	807731	2021	2022	$ 9,330
Dade	LEMON CITY	87359488901	807734	2019	2021	$ 2,000
Dade	LEMON CITY	87359488308	807734	2019	2021	$ 2,000
Dade	LEMON CITY	87359425519	807734	2019	2021	$ 4,025,764
Dade	LITTLE RIVER	87358609705	800637	2019	2021	$ 1,218,560
Broward	HOLMBERG	87294448211	706462	2019	2021	$ 303,722
Broward	HOLMBERG	87293008935	706463	2020	2021	$ 735,941
Dade	COUNTY LINE	87269312000	804833	2018	2021	$ 1,454,880
Dade	FULFORD	87265996907	801435	2021	2022	$ 31,989
Dade	FULFORD	87265755209	801435	2021	2022	$ 107,961
Dade	FULFORD	87265748008	801435	2021	2022	$ 17,327
Dade	FULFORD	87265746501	801435	2021	2022	$ 18,660
Dade	FULFORD	87265666800	801435	2021	2022	$ 53,314
Broward	HOLMBERG	87193879008	706463	2020	2021	$ 1,950,827
Broward	HOLMBERG	87193749007	706463	2020	2021	$ 1,588,698
Broward	HOLMBERG	87193609001	706463	2020	2021	$ 1,238,250

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
Broward	PLANTATION	87180251404	701632	2021	2022	$ 3,999
Broward	PLANTATION	87180246320	701632	2021	2022	$ 62,644
Broward	PLANTATION	87180246303	701632	2021	2022	$ 18,660
Broward	PLANTATION	87180246109	701632	2021	2022	$ 43,984
Broward	PLANTATION	87180245706	701632	2021	2022	$ 15,994
Broward	PLANTATION	87180238904	701632	2021	2022	$ 106,628
Broward	PLANTATION	87180159702	701632	2021	2022	$ 37,320
Broward	PLANTATION	87180059601	701632	2021	2022	$ 17,327
Broward	PLAYLAND	87175139715	701233	2020	2021	$ 619,231
Dade	WESTON VILLAGE	87167655009	807831	2018	2021	$ 838,880
Dade	BRANDON	87164685306	808632	2021	2022	$ 137,284
Dade	BRANDON	87164682901	808632	2021	2022	$ 146,614
Dade	BRANDON	87164464202	808632	2021	2022	$ 17,327
Dade	BRANDON	87164455106	808632	2021	2022	$ 49,316
Dade	BRANDON	87164454002	808632	2021	2022	$ 49,316
Dade	BRANDON	87164453600	808632	2021	2022	$ 26,657
Dade	BRANDON	87164428401	808632	2021	2022	$ 6,664
Dade	BRANDON	87164358305	808632	2021	2022	$ 10,663
Dade	BRANDON	87164318401	808632	2021	2022	$ 3,999
Dade	BRANDON	87164268403	808632	2021	2022	$ 7,997
Dade	BRANDON	87164224813	808632	2021	2022	$ 10,663
Dade	BRANDON	87164224503	808632	2021	2022	$ 34,654
Dade	BRANDON	87164063003	808632	2021	2022	$ 3,999
Dade	MIAMI SHORES	87162645706	803439	2019	2021	$ 444,360
Dade	LAWRENCE	87155202802	805135	2019	2021	$ 1,229,200
Broward	HOLMBERG	87095384008	706465	2020	2021	$ 1,834,011
Broward	HOLMBERG	87093959208	706465	2020	2021	$ 712,578
Broward	HOLMBERG	87093689308	706465	2020	2021	$ 700,896
Broward	HOLMBERG	87093559307	706465	2020	2021	$ 1,647,106
Broward	HOLMBERG	87093419408	706465	2020	2021	$ 794,349
Broward	PLANTATION	87080999605	701632	2021	2022	$ 19,993
Broward	PLANTATION	87080929607	701632	2021	2022	$ 53,314
Broward	PLANTATION	87080859609	701632	2021	2022	$ 6,664
Broward	PLANTATION	87080799606	701632	2021	2022	$ 65,310
Broward	PLANTATION	87080739701	701632	2021	2022	$ 83,970
Broward	PLANTATION	87080669702	701632	2021	2022	$ 29,323
Broward	PLANTATION	87080539701	701632	2021	2022	$ 18,660
Broward	PLANTATION	87080536303	701632	2021	2022	$ 21,326
Broward	PLANTATION	87080409701	701632	2021	2022	$ 22,659
Broward	PLANTATION	87080289705	701632	2021	2022	$ 15,994
Broward	PLANTATION	87080099400	701632	2021	2022	$ 46,650
Broward	PLANTATION	87080039504	701632	2021	2022	$ 35,987
Broward	PLANTATION	87080009605	701632	2021	2022	$ 17,327
Broward	DRIFTWOOD	87072269806	702037	2019	2021	$ 354,760
Dade	GOLDEN GLADES	87065152907	806034	2019	2021	$ 1,526,560
Dade	BRANDON	87064993011	808632	2021	2022	$ 105,296
Dade	BRANDON	87064956603	808632	2021	2022	$ 161,275
Dade	BRANDON	87064873015	808632	2021	2022	$ 23,991
Dade	BRANDON	87064843001	808632	2021	2022	$ 3,999
Dade	BRANDON	87064763007	808632	2021	2022	$ 21,326
Dade	BRANDON	87064721312	808632	2021	2022	$ 6,664
Dade	BRANDON	87063772509	808632	2021	2022	$ 10,663
Dade	BRANDON	87063747504	808632	2021	2022	$ 13,329
Dade	BRANDON	87063746800	808632	2021	2022	$ 75,973
Dade	BRANDON	87063746109	808632	2021	2022	$ 13,329
Dade	BRANDON	87063745501	808632	2021	2022	$ 83,970
Dade	BRANDON	87063725900	808632	2021	2022	$ 94,633
Dade	BRANDON	87063708801	808632	2021	2022	$ 27,990
Dade	BRANDON	87063647704	808632	2021	2022	$ 11,996
Dade	BRANDON	87063503516	808632	2021	2022	$ 94,633
Dade	BRANDON	87063503311	808632	2021	2022	$ 7,997
Dade	BRANDON	87063502307	808632	2021	2022	$ 231,917
Dade	MIAMI SHORES	87061825508	803437	2019	2021	$ 496,440
Broward	HOLMBERG	86993805509	706465	2020	2021	$ 128,498
Broward	PLANTATION	86981870203	701632	2021	2022	$ 14,661

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
Broward	PLANTATION	86981851004	701632	2021	2022	$ 5,331
Broward	PLANTATION	86981841611	701632	2021	2022	$ 10,663
Broward	MOTOROLA	86981267302	704032	2019	2021	$ 1,861,160
Broward	PLANTATION	86980959600	701632	2021	2022	$ 59,978
Broward	PLANTATION	86980888702	701632	2021	2022	$ 13,329
Broward	PLANTATION	86980887901	701632	2021	2022	$ 13,329
Broward	PLANTATION	86980887501	701632	2021	2022	$ 11,996
Broward	PLANTATION	86980879304	701632	2021	2022	$ 11,996
Broward	PLANTATION	86980719609	701632	2021	2022	$ 69,308
Broward	PLANTATION	86980559709	701632	2021	2022	$ 45,317
Broward	PLANTATION	86980519715	701632	2021	2022	$ 111,960
Dade	GARDEN	86966593903	804139	2019	2021	$ 213,920
Dade	LAWRENCE	86955790702	805137	2019	2021	$ 1,637,440
Dade	GRAPELAND	86954652209	802936	2019	2021	$ 656,600
Dade	COCONUT GROVE	86950259502	800436	2018	2021	$ 2,000
Dade	COCONUT GROVE	86950078206	800436	2018	2021	$ 1,230,880
Dade	SNAKE CREEK	86867466214	808437	2019	2021	$ 1,305,360
Dade	AIRPORT	86757897605	802631	2019	2021	$ 22,249
Dade	AIRPORT	86757867803	802631	2019	2021	$ 33,373
Dade	AIRPORT	86757485706	802635	2019	2021	$ 277,200
Dade	AIRPORT	86757478009	802635	2019	2021	$ 111,244
Dade	SNAPPER CREEK	86748133606	808833	2021	2022	$ 41,319
Dade	SNAPPER CREEK	86748092403	808833	2021	2022	$ 97,298
Dade	SNAPPER CREEK	86748091504	808833	2021	2022	$ 14,661
Dade	SNAPPER CREEK	86748084516	808833	2021	2022	$ 10,663
Dade	SNAPPER CREEK	86747108705	808833	2021	2022	$ 61,311
Dade	AIRPORT	86657833102	802631	2020	2021	$ 2,000
Dade	AIRPORT	86657776109	802631	2020	2021	$ 400,680
Dade	SNAPPER CREEK	86648964518	808833	2021	2022	$ 17,327
Dade	SNAPPER CREEK	86648964500	808833	2021	2022	$ 15,994
Dade	SNAPPER CREEK	86648914405	808833	2021	2022	$ 18,660
Dade	SNAPPER CREEK	86648904400	808833	2021	2022	$ 11,996
Dade	SNAPPER CREEK	86648784404	808833	2021	2022	$ 37,320
Dade	SNAPPER CREEK	86648700316	808833	2021	2022	$ 87,968
Dade	SNAPPER CREEK	86648693905	808833	2021	2022	$ 106,628
Dade	SNAPPER CREEK	86648693301	808833	2021	2022	$ 5,331
Dade	SNAPPER CREEK	86648693107	808833	2021	2022	$ 5,331
Dade	SNAPPER CREEK	86648692909	808833	2021	2022	$ 3,999
Dade	SNAPPER CREEK	86648692003	808833	2021	2022	$ 3,999
Dade	SNAPPER CREEK	86648685104	808833	2021	2022	$ 3,999
Dade	SNAPPER CREEK	86648684302	808833	2021	2022	$ 3,999
Dade	SNAPPER CREEK	86648281216	808833	2021	2022	$ 11,996
Dade	SNAPPER CREEK	86648281208	808833	2021	2022	$ 54,647
Dade	SNAPPER CREEK	86648231308	808833	2019	2022	$ 93,300
Dade	SNAPPER CREEK	86648171101	808833	2018	2022	$ 29,323
Dade	SNAPPER CREEK	86647917109	808833	2021	2022	$ 11,996
Dade	SNAPPER CREEK	86647867101	808833	2021	2022	$ 19,993
Dade	SNAPPER CREEK	86647847003	808833	2021	2022	$ 26,657
Dade	SNAPPER CREEK	86647807001	808833	2021	2022	$ 5,331
Dade	SNAPPER CREEK	86647718998	808833	2021	2022	$ 6,664
Dade	SNAPPER CREEK	86647718912	808833	2021	2022	$ 85,303
Dade	SNAPPER CREEK	86647718718	808833	2021	2022	$ 25,324
Dade	SNAPPER CREEK	86647718301	808833	2021	2022	$ 9,330
Dade	SNAPPER CREEK	86647677001	808833	2021	2022	$ 5,331
Dade	SNAPPER CREEK	86647627003	808833	2021	2022	$ 3,999
Dade	SUNILAND	86647480304	806535	2021	2022	$ 75,973
Dade	SUNILAND	86647471003	806535	2021	2022	$ 10,663
Dade	SUNILAND	86647463604	806535	2021	2022	$ 2,666
Dade	SUNILAND	86647462501	806535	2019	2021	$ 1,248,240
Dade	SUNILAND	86647453307	806535	2021	2022	$ 3,999
Dade	SNAPPER CREEK	86647416916	808833	2021	2022	$ 5,331
Dade	SNAPPER CREEK	86647366919	808833	2021	2022	$ 10,663
Dade	SNAPPER CREEK	86647366901	808833	2021	2022	$ 10,663
Dade	SNAPPER CREEK	86647316911	808833	2021	2022	$ 11,996
Dade	SNAPPER CREEK	86647316903	808833	2021	2022	$ 22,659

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
Dade	SNAPPER CREEK	86647276910	808833	2021	2022	$ 14,661
Dade	SNAPPER CREEK	86647276901	808833	2021	2022	$ 3,999
Dade	SNAPPER CREEK	86647187003	808833	2021	2022	$ 15,994
Dade	SNAPPER CREEK	86647116807	808833	2021	2022	$ 10,663
Dade	SNAPPER CREEK	86647006807	808833	2021	2022	$ 25,324
Dade	SUNILAND	86646479507	806535	2021	2022	$ 115,958
Dade	SUNILAND	86646204800	806535	2021	2022	$ 25,324
Dade	SUNILAND	86646144807	806535	2019	2021	$ 1,466,640
Dade	SUNILAND	86646084804	806535	2021	2022	$ 107,961
Dade	SUNILAND	86646004801	806535	2021	2022	$ 13,329
Dade	DADE	86558733804	805433	2019	2021	$ 2,000
Dade	DADE	86558655102	805433	2019	2021	$ 836,920
Dade	DADE	86558654505	805433	2019	2021	$ 2,000
Dade	DADE	86558621704	805433	2020	2021	$ 100,120
Dade	DADE	86558621101	805433	2020	2021	$ 33,373
Dade	SUNILAND	86547873804	806533	2019	2021	$ 1,156,960
Dade	SUNILAND	86546954525	806535	2021	2022	$ 22,659
Dade	CUTLER	86546953502	802037	2018	2021	$ 932,960
Dade	SUNILAND	86546914809	806535	2021	2022	$ 25,324
Dade	SUNILAND	86546844932	806535	2021	2022	$ 54,647
Dade	SUNILAND	86546774900	806535	2021	2022	$ 29,323
Dade	SUNILAND	86546694809	806535	2021	2022	$ 29,323
Dade	SUNILAND	86546464803	806535	2021	2022	$ 86,636
Dade	SUNILAND	86546354706	806535	2021	2022	$ 25,324
Dade	SUNILAND	86546294703	806535	2021	2022	$ 133,286
Broward	STONEBRIDGE	86474404706	704763	2019	2021	$ 128,498
Broward	STONEBRIDGE	86473779005	704761	2021	2022	$ 43,984
Broward	STONEBRIDGE	86473778009	704761	2021	2022	$ 15,994
Broward	STONEBRIDGE	86473767406	704761	2021	2022	$ 3,999
Broward	STONEBRIDGE	86473766809	704761	2021	2022	$ 3,999
Broward	STONEBRIDGE	86473764008	704761	2021	2022	$ 3,999
Broward	STONEBRIDGE	86473426803	704761	2019	2021	$ 93,453
Broward	STONEBRIDGE	86473396807	704761	2021	2022	$ 6,664
Broward	STONEBRIDGE	86473346800	704761	2021	2022	$ 6,664
Broward	STONEBRIDGE	86473266806	704761	2019	2021	$ 151,861
Broward	STONEBRIDGE	86473186811	704761	2021	2022	$ 5,331
Broward	STONEBRIDGE	86473076705	704761	2019	2021	$ 245,314
Broward	STONEBRIDGE	86471818003	704761	2021	2022	$ 10,663
Dade	SUNILAND	86446894800	806535	2021	2022	$ 98,631
Dade	SUNILAND	86446893803	806535	2021	2022	$ 45,317
Dade	SUNILAND	86445103213	806534	2018	2021	$ 942,480
Broward	STONEBRIDGE	86374694706	704761	2021	2022	$ 5,331
Broward	STONEBRIDGE	86374624708	704761	2021	2022	$ 21,326
Broward	STONEBRIDGE	86374544704	704761	2021	2022	$ 6,664
Broward	STONEBRIDGE	86374451901	704761	2019	2021	$ 607,443
Broward	STONEBRIDGE	86374451307	704761	2019	2021	$ 89,880
Broward	STONEBRIDGE	86374314709	704761	2021	2022	$ 3,999
Broward	STONEBRIDGE	86373996601	704761	2021	2022	$ 118,624
Broward	STONEBRIDGE	86373786704	704761	2019	2021	$ 93,453
Broward	STONEBRIDGE	86373475211	704761	2021	2022	$ 15,994
Broward	STONEBRIDGE	86373475202	704761	2021	2022	$ 2,666
Broward	STONEBRIDGE	86373469300	704761	2021	2022	$ 274,568
Broward	STONEBRIDGE	86373464600	704761	2021	2022	$ 151,945
Broward	STONEBRIDGE	86373459304	704761	2021	2022	$ 38,653
Broward	STONEBRIDGE	86373406600	704761	2021	2022	$ 11,996
Broward	STONEBRIDGE	86373346607	704761	2019	2021	$ 163,542
Broward	STONEBRIDGE	86373136700	704761	2021	2022	$ 19,993
Broward	STONEBRIDGE	86373076707	704761	2021	2022	$ 5,331
Broward	FLAMINGO	86368258801	707263	2019	2021	$ 152,320
Dade	KENDALL	86348880701	804332	2019	2021	$ 2,000
Dade	KENDALL	86347779119	804332	2019	2021	$ 2,000
Dade	KENDALL	86347627106	804332	2019	2021	$ 1,110,760
Broward	STONEBRIDGE	86274913400	704761	2021	2022	$ 18,660
Broward	STONEBRIDGE	86274912004	704761	2021	2022	$ 58,646
Broward	STONEBRIDGE	86274910800	704761	2021	2022	$ 3,999

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
Broward	STONEBRIDGE	86274904401	704761	2021	2022	$ 3,999
Broward	STONEBRIDGE	86273927601	704761	2021	2022	$ 5,331
Broward	STONEBRIDGE	86273925901	704761	2021	2022	$ 6,664
Broward	STONEBRIDGE	86273919803	704761	2021	2022	$ 3,999
Broward	STONEBRIDGE	86273919307	704761	2021	2022	$ 53,314
West	RATTLESNAKE	77178131107	507762	2019	2021	$ 255,018
West	SOLANA	76585167605	503131	2019	2021	$ 368,738
West	ALLIGATOR	76481993294	503562	2019	2021	$ 499,998
West	SOLANA	76386224304	503138	2019	2021	$ 678,545
West	NAPLES	76383073208	501238	2019	2021	$ 764,503
West	NAPLES	76283733404	501238	2019	2021	$ 904,280
West	NAPLES	76283684403	501238	2019	2021	$ 646,618
West	NAPLES	76280892501	501239	2019	2021	$ 360,395
West	NAPLES	76280838906	501239	2019	2021	$ 339,403
NORTH	FELLSMERE	69200670308	411562	2021	2023	$ 8,293
East	SKYPASS	68126406904	409435	2019	2021	$ 403,965
East	SKYPASS	68126384200	409435	2019	2021	$ 420,415
East	BELVEDERE	68121833901	402536	2019	2021	$ 455,195
East	BELVEDERE	68121160818	402536	2019	2021	$ 2,000
East	BELVEDERE	68121110802	402536	2019	2021	$ 1,729,208
East	BELVEDERE	68121050800	402536	2019	2021	$ 2,000
East	BELVEDERE	68121000802	402536	2019	2021	$ 2,000
East	BELVEDERE	68120856606	402534	2019	2021	$ 352,500
East	BELVEDERE	68120856304	402534	2019	2021	$ 329,235
East	NORTON	68119632902	404531	2019	2021	$ 471,175
East	HILLCREST	68119117102	400435	2019	2021	$ 462,689
East	LANTANA	68111218601	402838	2019	2021	$ 1,134,815
East	LANTANA	68111218406	402838	2019	2021	$ 1,019,665
East	LINTON	68105470450	401932	2018	2021	$ 721,685
East	LINTON	68105054405	401937	2019	2021	$ 784,266
East	GERMANTOWN	68104420301	404839	2019	2021	$ 905,220
East	JUNO BEACH	68032237401	402637	2019	2021	$ 520,443
East	NORTHWOOD	68025684201	400338	2019	2021	$ 599,015
East	BELVEDERE	68021950802	402536	2019	2021	$ 2,000
East	GOLF	68007666701	404133	2019	2021	$ 499,140
East	LINTON	68005249607	401938	2019	2021	$ 834,744
East	LINTON	68004912906	401934	2019	2021	$ 457,545
East	GERMANTOWN	68003385601	404838	2019	2021	$ 358,845
East	JUNO BEACH	67932562201	402633	2019	2021	$ 442,740
East	MONET	67931241908	403736	2019	2021	$ 2,000
East	MONET	67931151909	403736	2019	2021	$ 2,000
East	MONET	67931111907	403736	2019	2021	$ 1,783,608
East	MONET	67931051904	403736	2019	2021	$ 2,000
East	WESTWARD	67923531200	404038	2019	2021	$ 382,815
East	WESTWARD	67923352909	404038	2019	2021	$ 487,155
East	PURDY LANE	67917838200	404437	2019	2021	$ 1,904,339
East	HILLS	67841828806	407333	2019	2021	$ 2,000
East	HILLS	67841778809	407333	2019	2021	$ 2,000
East	HILLS	67841678804	407333	2019	2021	$ 2,000
East	HILLS	67841628807	407333	2019	2021	$ 2,000
East	HILLS	67841488801	407333	2019	2021	$ 1,010,500
East	MONET	67831991909	403736	2019	2021	$ 2,000
East	MONET	67831885009	403736	2019	2021	$ 2,000
East	MONET	67831883804	403736	2019	2021	$ 2,000
East	GREENACRES	67817775404	401031	2020	2021	$ 2,296,791
East	GREENACRES	67817260404	401031	2020	2021	$ 65,356
East	GREENACRES	67817200401	401031	2020	2021	$ 186,731
East	GREENACRES	67816459916	401031	2020	2021	$ 1,633,896
East	HILLS	67740929741	407333	2019	2021	$ 329,000
East	ROEBUCK	67725554201	406337	2020	2021	$ 226,540
East	WESTWARD	67722476004	404035	2019	2021	$ 1,198,265
East	WESTWARD	67722475504	404035	2019	2021	$ 2,000
East	WESTWARD	67722474907	404035	2019	2021	$ 2,000
East	WESTWARD	67722474401	404035	2019	2021	$ 2,000
East	PURDY LANE	67718341507	404434	2019	2021	$ 232,650

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
East	PURDY LANE	67718091608	404434	2019	2021	$ 211,500
East	GREENACRES	67716939308	401031	2020	2021	$ 205,404
East	GREENACRES	67716938204	401031	2020	2021	$ 205,404
North	OLYMPIA	67649324401	401762	2019	2021	$ 485,040
East	ALEXANDER	67139917905	408562	2019	2021	$ 913,210
East	ALEXANDER	67139787904	408562	2019	2021	$ 2,000
North	RIO	66960606105	407033	2019	2021	$ 326,368
EAST	LOXAHATCHEE	66922105609	407666	2021	2022	$ 84,118
EAST	LOXAHATCHEE	66823482203	407666	2021	2022	$ 22,510
EAST	LOXAHATCHEE	66822976300	407666	2021	2022	$ 8,293
EAST	LOXAHATCHEE	66822645907	407666	2021	2022	$ 7,109
EAST	LOXAHATCHEE	66822479802	407666	2021	2022	$ 10,663
EAST	LOXAHATCHEE	66822468401	407666	2021	2022	$ 20,141
EAST	LOXAHATCHEE	66822467707	407666	2021	2022	$ 142,171
EAST	LOXAHATCHEE	66822467600	407666	2021	2022	$ 11,848
EAST	LOXAHATCHEE	66822455814	407666	2021	2022	$ 2,370
EAST	LOXAHATCHEE	66723975406	407666	2021	2022	$ 9,478
EAST	LOXAHATCHEE	66723969309	407666	2021	2022	$ 217,996
EAST	LOXAHATCHEE	66723968809	407666	2021	2022	$ 33,173
EAST	LOXAHATCHEE	66723964706	407666	2021	2022	$ 69,901
EAST	LOXAHATCHEE	66723964200	407666	2021	2022	$ 26,065
EAST	LOXAHATCHEE	66723963408	407666	2021	2022	$ 18,956
EAST	LOXAHATCHEE	66723963106	407666	2021	2022	$ 13,032
EAST	LOXAHATCHEE	66723961405	407666	2021	2022	$ 28,434
EAST	LOXAHATCHEE	66723960301	407666	2021	2022	$ 5,924
EAST	LOXAHATCHEE	66723958005	407666	2021	2022	$ 4,739
EAST	LOXAHATCHEE	66723956703	407666	2021	2022	$ 8,293
EAST	LOXAHATCHEE	66723956002	407666	2021	2022	$ 9,478
EAST	LOXAHATCHEE	66722965610	407666	2021	2022	$ 23,695
EAST	LOXAHATCHEE	66722965601	407666	2021	2022	$ 521,294
EAST	LOXAHATCHEE	66722959300	407666	2021	2022	$ 60,423
EAST	LOXAHATCHEE	66722958702	407666	2021	2022	$ 52,129
EAST	LOXAHATCHEE	66722958001	407666	2021	2022	$ 16,587
EAST	LOXAHATCHEE	66722936903	407666	2021	2022	$ 88,857
EAST	LOXAHATCHEE	66722675905	407666	2021	2022	$ 11,848
EAST	LOXAHATCHEE	66722635903	407666	2021	2022	$ 2,370
EAST	LOXAHATCHEE	66722496024	407666	2021	2022	$ 2,370
EAST	LOXAHATCHEE	66722206018	407666	2021	2022	$ 8,293
EAST	LOXAHATCHEE	66721332907	407666	2021	2022	$ 259,462
EAST	LOXAHATCHEE	66721332401	407666	2021	2022	$ 71,086
EAST	LOXAHATCHEE	66721320721	407666	2021	2022	$ 15,402
EAST	LOXAHATCHEE	66721320704	407666	2021	2022	$ 15,402
EAST	LOXAHATCHEE	66721282802	407666	2021	2022	$ 4,739
EAST	LOXAHATCHEE	66721232805	407666	2021	2022	$ 9,478
EAST	LOXAHATCHEE	66721092809	407666	2021	2022	$ 5,924
EAST	LOXAHATCHEE	66721022801	407666	2021	2022	$ 10,663
EAST	LOXAHATCHEE	66720878302	407666	2021	2022	$ 201,409
EAST	LOXAHATCHEE	66720498801	407666	2021	2022	$ 39,097
EAST	LOXAHATCHEE	66720319109	407666	2021	2022	$ 3,554
EAST	LOXAHATCHEE	66720218701	407666	2021	2022	$ 3,554
EAST	LOXAHATCHEE	66624975002	407666	2021	2022	$ 23,695
EAST	LOXAHATCHEE	66624942309	407666	2021	2022	$ 8,293
EAST	LOXAHATCHEE	66623939703	407666	2021	2022	$ 5,924
EAST	LOXAHATCHEE	66623938901	407666	2021	2022	$ 5,924
EAST	LOXAHATCHEE	66623927829	407666	2021	2022	$ 1,185
EAST	LOXAHATCHEE	66623927802	407666	2021	2022	$ 40,282
EAST	LOXAHATCHEE	66623926601	407666	2021	2022	$ 10,663
EAST	LOXAHATCHEE	66623926105	407666	2021	2022	$ 26,065
EAST	LOXAHATCHEE	66623914701	407666	2021	2022	$ 18,956
EAST	LOXAHATCHEE	66623913801	407666	2021	2022	$ 40,282
EAST	LOXAHATCHEE	66623913704	407666	2021	2022	$ 8,293
EAST	LOXAHATCHEE	66623913101	407666	2021	2022	$ 20,141
EAST	LOXAHATCHEE	66623901404	407666	2021	2022	$ 27,249
EAST	LOXAHATCHEE	66623900807	407666	2021	2022	$ 10,663
EAST	LOXAHATCHEE	66622898400	407666	2021	2022	$ 77,009

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
EAST	LOXAHATCHEE	66622897705	407666	2021	2022	$ 10,663
EAST	LOXAHATCHEE	66622897501	407666	2021	2022	$ 18,956
EAST	LOXAHATCHEE	66622896903	407666	2021	2022	$ 5,924
EAST	LOXAHATCHEE	66622885103	407666	2021	2022	$ 23,695
EAST	LOXAHATCHEE	66622883003	407666	2021	2022	$ 59,238
EAST	LOXAHATCHEE	66622872109	407666	2021	2022	$ 52,129
EAST	LOXAHATCHEE	66622871501	407666	2021	2022	$ 23,695
EAST	LOXAHATCHEE	66622871102	407666	2021	2022	$ 52,129
EAST	LOXAHATCHEE	66622870408	407666	2021	2022	$ 24,880
EAST	LOXAHATCHEE	66622726200	407666	2021	2022	$ 8,293
EAST	LOXAHATCHEE	66622536109	407666	2021	2022	$ 34,358
EAST	LOXAHATCHEE	66622346105	407666	2021	2022	$ 286,712
EAST	LOXAHATCHEE	66622116100	407666	2021	2022	$ 4,739
EAST	LOXAHATCHEE	66621869601	407666	2021	2022	$ 58,053
EAST	LOXAHATCHEE	66621868400	407666	2021	2022	$ 72,270
EAST	LOXAHATCHEE	66621856924	407666	2021	2022	$ 22,510
EAST	LOXAHATCHEE	66621856908	407666	2021	2022	$ 100,705
EAST	LOXAHATCHEE	66621845400	407666	2021	2022	$ 9,478
EAST	LOXAHATCHEE	66621844101	407666	2021	2022	$ 18,956
EAST	LOXAHATCHEE	66620859105	407666	2021	2022	$ 88,857
East	LOXAHATCHEE	66620805790	407663	2019	2021	$ 1,816,785
EAST	LOXAHATCHEE	66620268719	407666	2021	2022	$ 231,028
North	EDEN	66563208701	411034	2019	2021	$ 1,250,435
North	EDEN	66563208108	411034	2019	2021	$ 1,230,930
North	EDEN	66563207501	411034	2019	2021	$ 444,150
EAST	LOXAHATCHEE	66524891706	407666	2021	2022	$ 95,966
EAST	LOXAHATCHEE	66524891005	407666	2021	2022	$ 4,739
EAST	LOXAHATCHEE	66523899908	407666	2021	2022	$ 7,109
EAST	LOXAHATCHEE	66523899304	407666	2021	2022	$ 7,109
EAST	LOXAHATCHEE	66523899100	407666	2021	2022	$ 5,924
EAST	LOXAHATCHEE	66523897701	407666	2021	2022	$ 7,109
EAST	LOXAHATCHEE	66523888701	407666	2021	2022	$ 23,695
EAST	LOXAHATCHEE	66523887101	407666	2021	2022	$ 18,956
EAST	LOXAHATCHEE	66523885508	407666	2021	2022	$ 18,956
EAST	LOXAHATCHEE	66523885109	407666	2021	2022	$ 8,293
EAST	LOXAHATCHEE	66523884803	407666	2021	2022	$ 5,924
EAST	LOXAHATCHEE	66523871809	407666	2021	2022	$ 15,402
EAST	LOXAHATCHEE	66523870403	407666	2021	2022	$ 21,326
EAST	LOXAHATCHEE	66523863407	407666	2021	2022	$ 13,032
EAST	LOXAHATCHEE	66522956207	407666	2021	2022	$ 4,739
EAST	LOXAHATCHEE	66522879008	407666	2021	2022	$ 16,587
EAST	LOXAHATCHEE	66522868006	407666	2021	2022	$ 42,651
EAST	LOXAHATCHEE	66522866119	407666	2021	2022	$ 107,813
EAST	LOXAHATCHEE	66520829593	407666	2021	2022	$ 199,040
North	TESORO	66362234508	411962	2019	2021	$ 313,321
North	FT PIERCE	66176248402	401531	2018	2021	$ 565,175
North	FT PIERCE	66078993000	401534	2019	2021	$ 389,865
North	TURNPIKE	66064813802	406164	2019	2021	$ 926,135
North	TURNPIKE	66064750703	406164	2019	2021	$ 2,000
NORTH	SEBASTIAN	65499031008	405765	2021	2022	$ 18,956
NORTH	SEBASTIAN	65498125301	405765	2021	2022	$ 11,848
NORTH	SEBASTIAN	65498124703	405765	2021	2022	$ 23,695
NORTH	SEBASTIAN	65399951109	405765	2021	2022	$ 54,499
NORTH	SEBASTIAN	65399911301	405765	2021	2022	$ 82,933
NORTH	SEBASTIAN	65399714000	405765	2021	2022	$ 53,314
NORTH	SEBASTIAN	65399574003	405765	2021	2022	$ 53,314
NORTH	SEBASTIAN	65399517204	405765	2021	2022	$ 133,878
NORTH	SEBASTIAN	65399331101	405765	2021	2022	$ 116,106
NORTH	FELLSMERE	65399271001	411562	2021	2023	$ 79,379
NORTH	FELLSMERE	65399240113	411562	2021	2023	$ 146,910
NORTH	FELLSMERE	65399240105	411562	2021	2023	$ 88,857
NORTH	FELLSMERE	65399210800	411562	2021	2023	$ 24,880
NORTH	FELLSMERE	65399175711	411562	2021	2023	$ 97,150
NORTH	FELLSMERE	65399175702	411562	2021	2023	$ 61,608
NORTH	FELLSMERE	65399084910	411562	2021	2023	$ 11,848

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
NORTH	FELLSMERE	65399084901	411562	2021	2023	$ 20,141
NORTH	FELLSMERE	65398079505	411562	2021	2023	$ 26,065
NORTH	FELLSMERE	65398029303	411562	2021	2023	$ 49,760
NORTH	FELLSMERE	65299924014	411562	2021	2023	$ 40,282
NORTH	FELLSMERE	65299924006	411562	2021	2023	$ 5,924
NORTH	FELLSMERE	65299848113	411562	2021	2023	$ 116,106
NORTH	FELLSMERE	65299848105	411562	2021	2023	$ 28,434
NORTH	FELLSMERE	65299788510	411562	2021	2023	$ 17,771
NORTH	FELLSMERE	65299788501	411562	2021	2023	$ 28,434
NORTH	FELLSMERE	65299748917	411562	2021	2023	$ 16,587
NORTH	FELLSMERE	65299748909	411562	2021	2023	$ 28,434
NORTH	FELLSMERE	65299739713	411562	2021	2023	$ 31,989
NORTH	FELLSMERE	65299724015	411562	2021	2023	$ 75,825
NORTH	FELLSMERE	65299724007	411562	2021	2023	$ 34,358
NORTH	FELLSMERE	65299709911	411562	2021	2023	$ 30,804
NORTH	FELLSMERE	65299709903	411562	2021	2023	$ 9,478
NORTH	FELLSMERE	65299554900	411562	2021	2023	$ 63,977
NORTH	FELLSMERE	65299546508	411562	2021	2023	$ 215,626
NORTH	FELLSMERE	65299506107	411562	2021	2023	$ 13,032
NORTH	FELLSMERE	65299446104	411562	2021	2023	$ 68,716
NORTH	FELLSMERE	65299358400	411562	2021	2023	$ 22,510
NORTH	FELLSMERE	65299357705	411562	2021	2023	$ 22,510
NORTH	FELLSMERE	65299356105	411562	2021	2023	$ 150,465
NORTH	FELLSMERE	65298628501	411562	2021	2023	$ 24,880
NORTH	FELLSMERE	65298598504	411562	2021	2023	$ 114,922
NORTH	FELLSMERE	65199496502	411562	2021	2023	$ 22,510
NORTH	FELLSMERE	65199145602	411562	2021	2023	$ 7,109
NORTH	FELLSMERE	65199095605	411562	2021	2023	$ 13,032
NORTH	FELLSMERE	65099885403	411562	2021	2023	$ 563,946
NORTH	FELLSMERE	65099865402	411562	2021	2023	$ 59,238
NORTH	FELLSMERE	65099145400	411562	2021	2023	$ 139,802
NORTH	FELLSMERE	65099095500	411562	2021	2023	$ 21,326
NORTH	FELLSMERE	65099035400	411562	2021	2023	$ 34,358
NORTH	FELLSMERE	64999965306	411562	2021	2023	$ 271,310
NORTH	FELLSMERE	64999805406	411562	2021	2023	$ 189,562
NORTH	FELLSMERE	64999605806	411562	2021	2023	$ 97,150
NORTH	FELLSMERE	64999345707	411562	2021	2023	$ 360,167
NORTH	FELLSMERE	64999055601	411562	2021	2023	$ 9,478
East	PAHOKEE	64231303301	400834	2019	2021	$ 1,518,805
West	COLONIAL	55715464607	502631	2019	2021	$ 640,830
West	COLONIAL	55715290102	502631	2019	2021	$ 2,012,485
West	PUNTA GORDA	54638561506	501534	2019	2021	$ 139,055
WEST	HARBOR	54543495402	503766	2021	2022	$ 9,330
WEST	HARBOR	54543484206	503766	2021	2022	$ 206,593
WEST	HARBOR	54543431391	503766	2021	2022	$ 21,326
WEST	HARBOR	54543390201	503766	2021	2022	$ 21,326
WEST	HARBOR	54542409201	503766	2021	2022	$ 178,603
WEST	HARBOR	54542357006	503766	2021	2022	$ 106,628
WEST	HARBOR	54542345393	503766	2021	2022	$ 26,657
WEST	HARBOR	54542254908	503766	2021	2022	$ 15,994
WEST	HARBOR	54542244601	503766	2021	2022	$ 99,964
WEST	HARBOR	54542242403	503766	2021	2022	$ 34,654
WEST	HARBOR	54542241709	503766	2021	2022	$ 34,654
WEST	HARBOR	54542241105	503766	2021	2022	$ 127,954
WEST	HARBOR	54542240508	503766	2021	2022	$ 95,966
WEST	HARBOR	54542239305	503766	2021	2022	$ 18,660
WEST	HARBOR	54542189201	503766	2021	2022	$ 113,293
WEST	HARBOR	54542139203	503766	2021	2022	$ 141,283
WEST	HARBOR	54542069205	503766	2021	2022	$ 91,967
WEST	HARBOR	54541248505	503766	2021	2022	$ 26,657
WEST	HARBOR	54443735201	503766	2021	2022	$ 50,648
WEST	HARBOR	54443734603	503766	2021	2022	$ 3,999
WEST	HARBOR	54443733208	503766	2021	2022	$ 51,981
WEST	HARBOR	54443541708	503766	2021	2022	$ 35,987
WEST	HARBOR	54443432208	503766	2021	2022	$ 51,981

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
WEST	HARBOR	54443430001	503766	2021	2022	$ 47,983
WEST	HARBOR	54443392605	503766	2021	2022	$ 161,275
WEST	HARBOR	54443353006	503766	2021	2022	$ 89,301
WEST	HARBOR	54443323301	503766	2021	2022	$ 66,643
WEST	HARBOR	54443283601	503766	2021	2022	$ 125,288
WEST	HARBOR	54443253800	503766	2021	2022	$ 61,311
WEST	HARBOR	54443204108	503766	2021	2022	$ 119,957
WEST	HARBOR	54443184204	503766	2021	2022	$ 35,987
WEST	HARBOR	54443124406	503766	2021	2022	$ 13,329
WEST	HARBOR	54442738907	503766	2021	2022	$ 47,983
WEST	HARBOR	54442738303	503766	2021	2022	$ 90,634
WEST	HARBOR	54442039308	503766	2021	2022	$ 7,997
WEST	HARBOR	54343904608	503766	2021	2022	$ 30,656
WEST	HARBOR	54343894009	503766	2021	2022	$ 35,987
WEST	HARBOR	54343893703	503766	2021	2022	$ 31,989
WEST	HARBOR	54343893207	503766	2021	2022	$ 9,330
WEST	HARBOR	54343892707	503766	2021	2022	$ 25,324
WEST	HARBOR	54343892201	503766	2021	2022	$ 31,989
WEST	HARBOR	54343891905	503766	2021	2022	$ 19,993
WEST	HARBOR	54343881101	503766	2021	2022	$ 86,636
WEST	HARBOR	54342889605	503766	2021	2022	$ 6,664
WEST	HARBOR	54342889001	503766	2021	2022	$ 38,653
WEST	HARBOR	54342828908	503766	2021	2022	$ 35,987
WEST	COCOPLUM	53846060102	503262	2021	2022	$ 241,247
WEST	COCOPLUM	53845077907	503262	2021	2022	$ 63,977
WEST	COCOPLUM	53845057906	503262	2021	2022	$ 7,997
WEST	COCOPLUM	53747067404	503262	2021	2022	$ 189,265
WEST	COCOPLUM	53747066611	503262	2021	2022	$ 30,656
WEST	COCOPLUM	53747035715	503262	2021	2022	$ 134,618
WEST	COCOPLUM	53747024918	503262	2021	2022	$ 7,997
WEST	COCOPLUM	53747024900	503262	2021	2022	$ 242,580
WEST	COCOPLUM	53745973815	503262	2021	2022	$ 74,640
WEST	COCOPLUM	53745973807	503262	2021	2022	$ 123,956
WEST	COCOPLUM	53745841901	503262	2021	2022	$ 70,641
WEST	COCOPLUM	53745831701	503262	2021	2022	$ 201,261
WEST	COCOPLUM	53745651303	503262	2021	2022	$ 45,317
WEST	COCOPLUM	53745471330	503262	2021	2022	$ 11,996
WEST	COCOPLUM	53745471313	503262	2021	2022	$ 46,650
WEST	COCOPLUM	53745451304	503262	2021	2022	$ 9,330
WEST	COCOPLUM	53745421308	503262	2021	2022	$ 21,326
WEST	COCOPLUM	53745361208	503262	2021	2022	$ 27,990
WEST	COCOPLUM	53745316504	503262	2021	2022	$ 193,264
WEST	COCOPLUM	53745301221	503262	2021	2022	$ 127,954
WEST	COCOPLUM	53745301213	503262	2021	2022	$ 41,319
WEST	COCOPLUM	53745231312	503262	2021	2022	$ 6,664
WEST	COCOPLUM	53745009008	503262	2021	2022	$ 1,248,885
WEST	COCOPLUM	53647912416	503262	2021	2022	$ 14,661
WEST	COCOPLUM	53646729006	503262	2021	2022	$ 9,330
WEST	COCOPLUM	53646688105	503262	2021	2022	$ 22,659
WEST	COCOPLUM	53646667604	503262	2021	2022	$ 37,320
WEST	COCOPLUM	53646627009	503262	2021	2022	$ 49,316
WEST	COCOPLUM	53646606508	503262	2021	2022	$ 11,996
WEST	COCOPLUM	53646555211	503262	2021	2022	$ 15,994
WEST	COCOPLUM	53646471807	503262	2021	2022	$ 342,544
WEST	COCOPLUM	53646171803	503262	2021	2022	$ 267,904
WEST	COCOPLUM	53646031807	503262	2021	2022	$ 17,327
WEST	COCOPLUM	53546801809	503262	2021	2022	$ 54,647
WEST	COCOPLUM	53546715601	503262	2021	2022	$ 5,331
WEST	COCOPLUM	53447752706	503262	2021	2022	$ 1,333
WEST	COCOPLUM	53447660402	503262	2021	2022	$ 42,651
WEST	COCOPLUM	53447460004	503262	2021	2022	$ 26,657
WEST	COCOPLUM	53447320300	503262	2021	2022	$ 103,963
WEST	COCOPLUM	53447140204	503262	2021	2022	$ 22,659
WEST	COCOPLUM	53446988200	503262	2021	2022	$ 31,989
WEST	COCOPLUM	53446129606	503262	2021	2022	$ 22,659

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
WEST	COCOPLUM	53446129401	503262	2021	2022	$ 45,317
West	PROCTOR	52265242010	505165	2019	2021	$ 2,000
West	PROCTOR	52265242001	505165	2019	2021	$ 2,000
West	PROCTOR	52265241510	505165	2019	2021	$ 2,000
West	PROCTOR	52265241501	505165	2019	2021	$ 2,000
West	PROCTOR	52265061406	505165	2019	2021	$ 2,000
West	SORRENTO	52153791503	504834	2019	2021	$ 242,618
West	POLO	52068129200	507163	2019	2021	$ 1,629,400
West	SORRENTO	52052268001	504831	2019	2021	$ 1,373,528
West	PROCTOR	51963909505	505163	2019	2021	$ 2,000
West	PROCTOR	51963859508	505163	2019	2021	$ 333,120
West	PARK	51871295601	505363	2019	2021	$ 2,000
West	PARK	51871135604	505363	2019	2021	$ 2,000
West	PARK	51871092611	505363	2019	2021	$ 1,668,090
West	BENEVA	51866422901	504132	2019	2021	$ 2,000
West	BENEVA	51866342907	504132	2019	2021	$ 2,000
West	BENEVA	51866272909	504132	2019	2021	$ 1,156,610
West	PARK	51771995109	505363	2019	2021	$ 1,416,998
West	PARK	51771994706	505363	2019	2021	$ 304,480
West	PARK	51771825700	505363	2019	2021	$ 377,435
West	PARK	51771785708	505363	2019	2021	$ 89,393
West	PARK	51771405701	505363	2019	2021	$ 371,250
West	TUTTLE	51768159010	504531	2020	2021	$ 2,000
West	TUTTLE	51768058302	504531	2020	2021	$ 2,000
West	TUTTLE	51768028306	504531	2020	2021	$ 2,000
West	TUTTLE	51668948300	504531	2020	2021	$ 2,000
West	TUTTLE	51668917005	504531	2020	2021	$ 2,000
West	TUTTLE	51668858301	504531	2020	2021	$ 3,060,335
West	HYDE PARK	51666097400	500434	2019	2021	$ 2,000
West	HYDE PARK	51666096900	500434	2019	2021	$ 2,000
West	HYDE PARK	51666085509	500434	2019	2021	$ 2,000
West	BENEVA	51665594205	504137	2019	2021	$ 833,688
West	BENEVA	51665326197	504137	2018	2021	$ 293,365
West	HYDE PARK	51567423507	500437	2019	2021	$ 637,235
West	HYDE PARK	51566848105	500436	2019	2021	$ 1,797,143
West	HYDE PARK	51566557607	500436	2019	2021	$ 1,010,208
West	PHILLIPPI	51565327713	503034	2019	2021	$ 592,450
West	PHILLIPPI	51564505502	503031	2019	2021	$ 910,445
West	WHITFIELD	51374722101	500834	2019	2021	$ 2,987,295
West	PHILLIPPI	51365713307	503033	2019	2021	$ 116,503
West	PHILLIPPI	51365691800	503033	2019	2021	$ 234,843
West	PHILLIPPI	51364898303	503033	2019	2021	$ 186,718
West	WALKER	51180622108	506034	2019	2021	$ 492,603
NORTH	SEBASTIAN	49302355308	405765	2021	2022	$ 138,617
NORTH	SEBASTIAN	49302042008	405765	2021	2022	$ 138,617
NORTH	SEBASTIAN	49302040307	405765	2021	2022	$ 138,617
NORTH	SEBASTIAN	49302025308	405765	2021	2022	$ 126,769
NORTH	SEBASTIAN	49301499101	405765	2021	2022	$ 45,021
NORTH	SEBASTIAN	49301256900	405765	2021	2022	$ 31,989
NORTH	SEBASTIAN	49301256608	405765	2021	2022	$ 31,989
NORTH	SEBASTIAN	49301134405	405765	2021	2022	$ 110,183
NORTH	SEBASTIAN	49301100101	405765	2021	2022	$ 116,106
NORTH	SEBASTIAN	49300405812	405765	2021	2022	$ 30,804
NORTH	SEBASTIAN	49300366396	405765	2021	2022	$ 91,227
NORTH	SEBASTIAN	49300346107	405765	2021	2022	$ 58,053
NORTH	SEBASTIAN	49300305605	405765	2021	2022	$ 56,868
NORTH	SEBASTIAN	49300300409	405765	2021	2022	$ 135,063
NORTH	SEBASTIAN	49300255306	405765	2021	2022	$ 49,760
NORTH	SEBASTIAN	49300204906	405765	2021	2022	$ 31,989
NORTH	SEBASTIAN	49201920704	405765	2021	2022	$ 40,282
NORTH	FELLSMERE	49201523004	411562	2021	2023	$ 104,259
NORTH	FELLSMERE	49201522202	411562	2021	2023	$ 137,432
NORTH	FELLSMERE	49201520706	411562	2021	2023	$ 14,217
NORTH	SEBASTIAN	49200955903	405765	2021	2022	$ 28,434
NORTH	FELLSMERE	49200953200	411562	2021	2023	$ 29,619

Region	Substation	Lateral	Feeder	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
NORTH	SEBASTIAN	49200737604	405765	2021	2022	$ 159,943
NORTH	SEBASTIAN	49200688026	405765	2021	2022	$ 58,053
NORTH	FELLSMERE	49200670313	411562	2021	2023	$ 17,771
NORTH	FELLSMERE	49200541203	411562	2021	2023	$ 118,476
NORTH	FELLSMERE	49200496101	411562	2021	2023	$ 50,945
NORTH	FELLSMERE	49200484102	411562	2021	2023	$ 2,370
NORTH	FELLSMERE	49200351005	411562	2021	2023	$ 16,587
NORTH	FELLSMERE	49200301202	411562	2021	2023	$ 7,109
NORTH	FELLSMERE	49200271206	411562	2021	2023	$ 58,053
NORTH	FELLSMERE	48900894203	411562	2021	2023	$ 45,021
NORTH	FELLSMERE	48900886006	411562	2021	2023	$ 103,074
North	WYOMING	48313575803	207362	2019	2021	$ 1,222,000
North	BABCOCK	48313469302	204261	2019	2021	$ 376,000
North	GARVEY	48015594908	211063	2019	2021	$ 109,980
North	GARVEY	48015395000	211063	2019	2021	$ 118,440
North	GARVEY	48015334906	211063	2019	2021	$ 118,440
North	HIELD	47917562708	208161	2019	2021	$ 200,925
North	HIELD	47817923303	208167	2019	2021	$ 274,950
North	COX	47245705006	207064	2019	2021	$ 2,000
North	COX	47245695426	207064	2019	2021	$ 2,000
North	ORMOND	37612398801	101137	2019	2021	$ 1,592,360
North	ST AUGUSTINE	36154012806	100235	2019	2021	$ 503,135

Notes:

(1) Start date reflects estimated/actual year when initial project costs will begin to accrue (e.g., preliminary engineering/design, site preparations, or customer outreach, if applicable).

(2) Completion year reflects the estimated/actual date when project will be completed.

(3) Amounts reflect SPP totals and breakdown between base and clause amounts can be seen in RBD-1 Form 6P.

(4) The SPP projects that will be completed as well as the associated costs in 2021 could vary based on a number of factors.

MJ-2 SPP Work Projected to be Completed in 2021
Wood Structures Hardening (Replacing) - Transmission Program

Transmission Line Name	Project	Number of Wooden Structures to be Replaced	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
BROWARD AREA 230kV [692]	110U3-LAUDERDALE	1	2021	2021	$ 151,000
OAKLAND PARK-SISTRUNK #2 138kV [104]	OAKLAND PARK-PROGRESSO	3	2021	2021	$ 855,300
NORRIS-OSTEEN 115kV [0716]	NORRIS-GENEVA: (Phase 1 of 10)	14	2021	2021	$ 854,600
NORRIS-OSTEEN 115kV [0716]	NORRIS-GENEVA: (Phase 2 of 10)	15	2021	2021	$ 905,000
NORRIS-OSTEEN 115kV [0716]	NORRIS-GENEVA: (Phase 3 of 10)	15	2021	2021	$ 855,000
NORRIS-OSTEEN 115kV [0716]	NORRIS-GENEVA: (Phase 4 of 10)	20	2021	2021	$ 1,106,500
NORRIS-OSTEEN 115kV [0716]	NORRIS-GENEVA: (Phase 5 of 10)	17	2021	2021	$ 955,600
NORRIS-OSTEEN 115kV [0716]	NORRIS-GENEVA: (Phase 6 of 10)	18	2021	2021	$ 1,006,000
NORRIS-OSTEEN 115kV [0716]	NORRIS-GENEVA: (Phase 7 of 10)	19	2021	2021	$ 1,056,300
NORRIS-OSTEEN 115kV [0716]	NORRIS-GENEVA: (Phase 8 of 10)	18	2021	2021	$ 1,006,000
NORRIS-OSTEEN 115kV [0716]	NORRIS-GENEVA: (Phase 9 of 10)	19	2021	2021	$ 1,056,300
NORRIS-OSTEEN 115kV [0716]	NORRIS-GENEVA: (Phase 10 of 10)	11	2021	2021	$ 653,600
RUNWAY-VIOLET 69kV [1025]	RUNWAY-VIOLET: (Phase 1 of 3)	19	2021	2021	$ 1,056,300
RUNWAY-VIOLET 69kV [1025]	RUNWAY-VIOLET: (Phase 2 of 3)	7	2021	2021	$ 452,300
RUNWAY-VIOLET 69kV [1025]	RUNWAY-VIOLET: (Phase 3 of 3)	19	2021	2021	$ 1,056,300
OKEECHOBEE-SHERMAN #1 69kV [274]	SWEATT TAP-JOHN C. EISINGER TAP (TAP): (Phase 1 of 3)	15	2021	2021	$ 906,000
OKEECHOBEE-SHERMAN #1 69kV [274]	SWEATT TAP-JOHN C. EISINGER TAP (TAP): (Phase 2 of 3)	15	2021	2021	$ 906,000
OKEECHOBEE-SHERMAN #1 69kV [274]	SWEATT TAP-JOHN C. EISINGER TAP (TAP): (Phase 3 of 3)	10	2021	2021	$ 604,000
OKEECHOBEE-SHERMAN #1 69kV [274]	JOHN C. EISINGER TAP-SWEATT TAP 2 (TAP): (Phase 1 of 3)	15	2021	2021	$ 906,000
OKEECHOBEE-SHERMAN #1 69kV [274]	JOHN C. EISINGER TAP-SWEATT TAP 2 (TAP): (Phase 2 of 3)	15	2021	2021	$ 906,000
OKEECHOBEE-SHERMAN #1 69kV [274]	JOHN C. EISINGER TAP-SWEATT TAP 2 (TAP): (Phase 3 of 3)	10	2021	2021	$ 604,000
BRADFORD-DUVAL 230kV [0220]	BRADFORD-DUVAL	19	2021	2021	$ 1,417,000
YULEE-KINGSLAND (GAP) 230kV [0909]	YULEE-END OF FPL: (Phase 1 of 2)	12	2021	2021	$ 773,600
YULEE-KINGSLAND (GAP) 230kV [0909]	YULEE-END OF FPL: (Phase 2 of 2)	12	2021	2021	$ 773,600
MAGNOLIA-SMYRNA (NSB) 115kV [0871]	TAYLOR-SMYRNA	8	2021	2021	$ 854,000
MATANZAS-PELLICER 115kV [0715]	MATANZAS-PELLICER: (Phase 1 of 2)	15	2021	2021	$ 954,500
MATANZAS-PELLICER 115kV [0715]	MATANZAS-PELLICER: (Phase 2 of 2)	16	2021	2021	$ 1,014,800
MILLCREEK-SAMPSON (JBH) 230kV [0492]	ORANGEDALE-SAMPSON (JBH)	17	2021	2021	$ 1,025,100
GACO-OSTEEN 230kV [1031]	GACO-OSTEEN: (Phase 1 of 2)	10	2021	2021	$ 753,000
GACO-OSTEEN 230kV [1031]	GACO-OSTEEN: (Phase 2 of 2)	11	2021	2021	$ 763,300
HORIZON SOLAR-PUTNAM 115kV [0925]	MCMEEKIN-INTERLACHEN TAP: (Phase 1 of 4)	15	2021	2021	$ 1,004,500
HORIZON SOLAR-PUTNAM 115kV [0925]	MCMEEKIN-INTERLACHEN TAP: (Phase 2 of 4)	15	2021	2021	$ 1,004,500
HORIZON SOLAR-PUTNAM 115kV [0925]	MCMEEKIN-INTERLACHEN TAP: (Phase 3 of 4)	15	2021	2021	$ 1,004,500
HORIZON SOLAR-PUTNAM 115kV [0925]	MCMEEKIN-INTERLACHEN TAP: (Phase 4 of 4)	8	2021	2021	$ 582,400
SPRINGBANK-SEMINOLE PLANT (SEC) 230kV [0677]	SPRINGBANK-GREEN COVE SPRINGS	6	2021	2021	$ 603,000
SPRINGBANK-SEMINOLE PLANT (SEC) 230kV [0677]	GREEN COVE SPRINGS (GCS)-TITANIUM	14	2021	2021	$ 1,035,200
COLUMBIA-RAVEN #2 115kV [1012]	COLUMBIA TAP-RAVEN	10	2021	2021	$ 603,000
BEARCAT-SUWANNEE (DEF) 115kV [4690]	WELLBORN-LIVE OAK	5	2021	2021	$ 301,500
DELAND-PUTNAM 115kV [0091]	COMO TAP-POMONA PARK TAP	3	2021	2021	$ 180,900
DELAND-PUTNAM 115kV [0091]	POMONA PARK TAP-SATSUMA TAP: (Phase 1 of 5)	15	2021	2021	$ 1,079,375
DELAND-PUTNAM 115kV [0091]	POMONA PARK TAP-SATSUMA TAP: (Phase 2 of 5)	15	2021	2021	$ 1,079,375
DELAND-PUTNAM 115kV [0091]	POMONA PARK TAP-SATSUMA TAP: (Phase 3 of 5)	15	2021	2021	$ 1,079,375
DELAND-PUTNAM 115kV [0091]	POMONA PARK TAP-SATSUMA TAP: (Phase 4 of 5)	15	2021	2021	$ 1,079,375
DELAND-PUTNAM 115kV [0091]	POMONA PARK TAP-SATSUMA TAP: (Phase 5 of 5)	14	2021	2021	$ 1,024,100
MIAMI-RIVERSIDE 138kV [158]	LAWRENCE-RIVERSIDE: (Phase 1 of 2)	20	2021	2021	$ 1,509,700
MIAMI-RIVERSIDE 138kV [158]	LAWRENCE-RIVERSIDE: (Phase 2 of 2)	17	2021	2021	$ 1,308,300
TBD	DESIGN AND PROCUREMENT FOR 2022 PROJECTS	0	2021	2021	$ 2,212,268

Notes:

(1) Start date reflects estimated/actual year when initial project costs will begin to accrue (e.g., preliminary engineering/design, site preparations, or customer outreach, if applicable).

(2) Completion year reflects the estimated/actual date when project will be completed.

(3) Amounts reflect SPP totals and breakdown between base and clause amounts can be seen in RBD-1 Form 6P.

(4) The SPP projects that will be completed as well as the associated costs in 2021 could vary based on a number of factors.

MJ-2 SPP Work Projected to be Completed in 2021
Substation Storm Surge / Flood Mitigation Program

County	Substation	Substation Type	Estimated / Actual Start Year[1]	Current Estimated Completion Year[2]	2021 Estimated Costs[3][4]
St. Johns	St. Augustine	Distribution	2020	2021	$ 7,000,000
Lewis	St. Augustine	Distribution	2021	2021	$ 1,800,000
South Daytona	Daytona	Distribution	2021	2021	$ 1,200,000

Notes:

(1) Start date reflects estimated/actual year when initial project costs will begin to accrue (e.g., preliminary engineering/design, site preparations, or customer outreach, if applicable).

(2) Completion year reflects the estimated/actual date when project will be completed.

(3) Amounts reflect SPP totals and breakdown between base and clause amounts can be seen in RBD-1 Form 6P.

(4) The SPP projects that will be completed as well as the associated costs in 2021 could vary based on a number of factors.

Exhibit LF-1

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 4
PARTY: FLORIDA POWER & LIGHT COMPANY – (DIRECT)
DESCRIPTION: Liz Fuentes LF-1 (FPL)

Florida Power & Light Company
Determination of Cost Recovery through the SPPCRC
($ in thousands)

Line No.	SPP Program	2018 Subsequent Year Proxy[A] (1)	Actual Capex 2018 - 2019 (2)	2020 Forecast [B], [C] (3)	Total Capex 2018 through 2020 (4) = (2) + (3)	Incremental Capex through 2020 [D] (5) = (4) - (1)
1	**Pole Inspections - Distribution Program**					
2	**Capital Expenditures**	$ 43,900	$ 57,988	$ 31,494	$ 89,482	$ 45,582
3	**Cost of Removal**			$ 19,193		
4	**Total**	$ 43,900	$ 57,988	$ 50,687	$ 89,482	
5						
6	**Structures/Other Equipment Inspections - Transmission Program**					
7	**Capital Expenditures**	$ 30,400	$ 68,582	$ 28,238	$ 96,820	$ 66,420
8	**Cost of Removal**			$ 6,262		
9	**Total**	$ 30,400	$ 68,582	$ 34,500	$ 96,820	
10						
11	**Feeder Hardening (EWL) - Distribution Program**					
12	**Capital Expenditures**	$ 663,141	$ 916,840	$ 541,935	$ 1,458,775	$ 795,633
13	**Cost of Removal**			$ 86,209		
14	**Total**	$ 663,141	$ 916,840	$ 628,144	$ 1,458,775	
15						
16	**Lateral Hardening (Undergrounding) - Distribution Program**					
17	**Capital Expenditures**	$ 72,000	$ 72,806	$ 117,230	$ 190,036	$ 118,036
18	**Cost of Removal**			$ 3,178		
19	**Total**	$ 72,000	$ 72,806	$ 120,408	$ 190,036	
20						
21	**Wood Structures Hardening (Replacing) - Transmission Program**					
22	**Capital Expenditures**	$ 50,100	$ 93,361	$ 47,400	$ 140,761	$ 90,661
23	**Cost of Removal**			$ 5,300		
24	**Total**	$ 50,100	$ 93,361	$ 52,700	$ 140,761	
25						
26	**Substation Storm surge/Flood Mitigation Program**					
27	**Capital Expenditures**	$ -	$ -	$ 2,310	$ 2,310	$ 2,310
28	**Cost of Removal**			$ 690		
29	**Total**	$ -	$ -	$ 3,000	$ 2,310	
30						
31	**Totals**					
32	**Capital Expenditures**	$ 859,541	$ 1,209,577	$ 768,607	$ 1,978,184	$ 1,118,643
33	**Cost of Removal**			$ 120,833		
34	**Total**	$ 859,541	$ 1,209,577	$ 889,440	$ 1,978,184	
35						
36	**Notes:**					

37 [A] Amounts reflected were included in FPL's MFRs in its last base rate case (Docket No. 160021-EI) and represent dollars forecasted to be invested in storm hardening projects in 2018.

38 [B] Totals by SPP program tie to the capital costs reflected on Appendix C of FPL's 2020 - 2029 SPP, which is provided as Exhibit MJ-1 to the testimony of FPL witness Jarro and is currently pending before the FPSC in Docket No. 20200071-EI.

39 [C] Cost of removal was estimated based on an average of historical spend.

40 [D] Amounts reflected are above the amount of capital expenditures forecasted for storm hardening projects in FPL's 2018 Subsequent Year.

Exhibit LF-2

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 5
PARTY: FLORIDA POWER & LIGHT COMPANY – (DIRECT)
DESCRIPTION: Liz Fuentes LF-2 (FPL)

Florida Power & Light Company
2021 SPPCRC Capital Costs
($ in thousands)

Line No.	SPP Program	2021 Forecast [A],[B] (1)	SPPCRC (2)	Base (3)	Total (4) = (2) + (3)
1	**Pole Inspections - Distribution Program**				
2	**Capital Expenditures**	$ 33,615	$ 33,615	$ -	$ 33,615
3	**Cost of Removal**	$ 20,486	$ -	$ 20,486	$ 20,486
4	**Total**	$ 54,101	$ 33,615	$ 20,486	$ 54,101
5					
6	**Structures/Other Equipment Inspections - Transmission Program**				
7	**Capital Expenditures**	$ 25,537	$ 25,537	$ -	$ 25,537
8	**Cost of Removal**	$ 5,663	$ -	$ 5,663	$ 5,663
9	**Total**	$ 31,200	$ 25,537	$ 5,663	$ 31,200
10					
11	**Feeder Hardening (EWL) - Distribution Program**				
12	**Capital Expenditures**	$ 573,659	$ 573,659	$ -	$ 573,659
13	**Cost of Removal**	$ 91,256	$ -	$ 91,256	$ 91,256
14	**Total**	$ 664,915	$ 573,659	$ 91,256	$ 664,915
15					
16	**Lateral Hardening (Undergrounding) - Distribution Program**				
17	**Capital Expenditures**	$ 206,879	$ 206,879	$ -	$ 206,879
18	**Cost of Removal**	$ 5,609	$ -	$ 5,609	$ 5,609
19	**Total**	$ 212,487	$ 206,879	$ 5,609	$ 212,487
20					
21	**Wood Structures Hardening (Replacing) - Transmission Program**				
22	**Capital Expenditures**	$ 38,571	$ 38,571	$ -	$ 38,571
23	**Cost of Removal**	$ 4,129	$ -	$ 4,129	$ 4,129
24	**Total**	$ 42,700	$ 38,571	$ 4,129	$ 42,700
25					
26	**Substation Storm surge/Flood Mitigation Program**				
27	**Capital Expenditures**	$ 8,300	$ 8,300	$ -	$ 8,300
28	**Cost of Removal**	$ 1,700	$ -	$ 1,700	$ 1,700
29	**Total**	$ 10,000	$ 8,300	$ 1,700	$ 10,000
30					
31	**Totals**				
32	**Capital Expenditures**	$ 886,562	$ 886,562	$ -	$ 886,562
33	**Cost of Removal**	$ 128,842	$ -	$ 128,842	$ 128,842
34	**Total**	$ 1,015,404	$ 886,562	$ 128,842	$ 1,015,404
35					
36	**Notes:**				
37	[A] Totals by SPP program tie to the capital costs reflected on Appendix C of FPL's 2020 - 2029 SPP, which is provided as Exhibit MJ-1 to the testimony of FPL witness Jarro and is currently pending before the FPSC in Docket No. 20200071-EI.				
38	[B] Cost of removal was estimated based on an average of historical spend.				

Exhibit LF-3

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 6
PARTY: FLORIDA POWER & LIGHT COMPANY – (DIRECT)
DESCRIPTION: Liz Fuentes LF-3 (FPL)

FLORIDA POWER & LIGHT COMPANY
Forecasted 2021 Weighted Average Cost of Capital ("WACC")
($ in thousands)

2021 Clause Projection Filing

Forecasted 2021 WACC (13-month average)

	Sys Per Book	Retail Per Book (1)	Pro Rata Adj	Specific Adj	Adj'd Retail	Cap Ratio	Cost Rate	Weighted Cost
Common Equity	$ 25,318,272	$ 22,127,037	$ 183,324	$ -	$ 22,310,360	47.54%	10.55%	5.02%
Long Term Debt	16,299,321	14,367,374	118,496	(65,060)	14,420,809	30.73%	3.86%	1.19%
Short Term Debt	784,932	693,574	5,746	-	699,320	1.49%	0.75%	0.01%
Customer Deposits	452,174	414,317	3,433	-	417,749	0.89%	2.04%	0.02%
Invest Tax Credits	1,010,092	900,793	6,526	(113,064)	794,256	1.69%	7.92%	0.13%
Deferred Inc Taxes	9,416,071	8,311,223	68,127	(88,307)	8,291,043	17.67%	0.00%	0.00%
Total	$ 53,280,862	$ 46,814,317	$ 385,652	$ (266,432)	$ 46,933,538	100.00%		6.36%

2021 Proration Adjustment

	Month	ADIT Bal	Deprec-Related ADFIT Bal (2) (3)	Deprec-Related ADFIT Activity	Days to Prorate	Future Days in Period	Prorated Deprec-Related ADFIT Activity	Prorated Deprec-Related ADFIT Bal
	Dec-20	$ 9,193,648	$ 9,193,648					$ 9,193,648
projected	Jan-21	9,253,216	9,207,340	13,691	31	335	12,566	9,206,214
projected	Feb-21	9,304,112	9,221,316	13,976	28	307	11,755	9,217,970
projected	Mar-21	9,373,416	9,234,816	13,499	31	276	10,208	9,228,178
projected	Apr-21	9,411,928	9,248,696	13,881	30	246	9,355	9,237,533
projected	May-21	9,435,045	9,262,043	13,347	31	215	7,862	9,245,395
projected	Jun-21	9,458,243	9,274,939	12,896	30	185	6,536	9,251,931
projected	Jul-21	9,468,248	9,287,575	12,636	31	154	5,331	9,257,262
projected	Aug-21	9,474,324	9,300,126	12,551	31	123	4,230	9,261,492
projected	Sep-21	9,477,566	9,313,390	13,264	30	93	3,379	9,264,872
projected	Oct-21	9,497,803	9,326,330	12,939	31	62	2,198	9,267,069
projected	Nov-21	9,530,090	9,338,351	12,022	30	32	1,054	9,268,123
projected	Dec-21	9,531,286	9,349,584	11,233	31	1	31	9,268,154
		$ 9,416,071	$ 9,273,704	$ 155,936	365		$ 74,506	$ 9,268,154

Deprec-Related 13-Mo Avg Bal	$ 9,273,704
2021 Proration Adj.	$ (5,550)

Forecasted 2021 WACC with Proration Adjustment

	Sys Per Book	Proration Adjustment	System Per Books Adj'd	Retail Per Book (1)	Pro Rata Adj	Specific Adj	Adj'd Retail	Cap Ratio	Cost Rate	Weighted Cost
Common Equity	$ 25,318,272	$ 3,203	$ 25,321,476	$ 22,130,121	$ 183,349	$ -	$ 22,313,470	47.54%	10.55%	5.02%
Long Term Debt	16,299,321	2,062	16,301,383	14,369,361	118,512	(65,060)	14,422,813	30.73%	3.86%	1.19%
Short Term Debt	784,932	99	785,031	693,669	5,747	-	699,416	1.49%	0.75%	0.01%
Customer Deposits	452,174	57	452,231	414,374	3,433	-	417,807	0.89%	2.04%	0.02%
Invest Tax Credits	1,010,092	128	1,010,220	900,916	6,527	(113,064)	794,380	1.69%	7.92%	0.13%
Deferred Inc Taxes	9,416,071	(5,550)	9,410,521	8,305,876	68,083	(88,307)	8,285,652	17.65%	0.00%	0.00%
Total	$ 53,280,862	$ -	$ 53,280,862	$ 46,814,317	$ 385,652	$ (266,432)	$ 46,933,538	100.00%		6.36%

Notes:

(1) Adjusted for non-utility assets and other special funds.

(2) Beginning balance represents the sum of projected balances for 1) total ADIT and 2) FAS 109 regulatory assets and liabilities.

(3) Projected activity for 2021 only includes amounts for depreciation related ADFIT.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Storm Protection Plan Cost Recovery Clause	Docket No. 20200092-EI Filed: August 14, 2020

ERRATA SHEET OF RENAE B. DEATON

July 24, 2020 –Direct Testimony

Exhibit #	Page #	Change
Form 4P to Appendix I of Exhibit RBD-1	1 of 1	FPL inadvertently used the 2020 sales data for the calculation of the energy and demand allocation percentage by rate class, which has been corrected to reflect the projected 2021 sales data.
Form 5P to Appendix I of Exhibit RBD-1	1 of 1	The correction to the sales data used in Form 4P resulted in a change to the 2021 SPP Factors on Form 5P to the following rate classes:
Attachment A to FPL's 2021 SPPCRC Petition		Attachment A to FPL's 2021 SPPCRC Petition has been revised consistent with the correction to Form 5P above

Rate Class	Original 2021 SPP Factor	Corrected 2021 SPP Factor
OS2	$0.00139/kWh	$0.00150/kWh
OL1/SL1/SL1M/PL1	$0.00047/kWh	$0.00048/kWh
SL2/SL2M/GSCU1	$0.00027/kWh	$0.00026/kWh

The above-described corrections are reflected in the following attached documents:

- Form 4P to Appendix I of Exhibit RBD-1, page 1 of 1 in legislative format
- Form 4P to Appendix I of Exhibit RBD-1, page 1 of 1 in in clean format
- Form 5P to Appendix I of Exhibit RBD-1, page 1 of 1 in legislative format
- Form 5P to Appendix I of Exhibit RBD-1, page 1 of 1 in in clean format
- Attachment A to FPL's 2021 SPPCRC Petition, page 1 of 1 in legislative format
- Attachment A to FPL's 2021 SPPCRC Petition, page 1 of 1 in clean format
- A complete copy of the Exhibit RBD1 in clean format

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 7
PARTY: FLORIDA POWER & LIGHT COMPANY – (DIRECT)
DESCRIPTION: Renae B. Deaton, Michael Jarro, Liz Fuentes RBD-1 (FPL)

Form 4P to Appendix I of Exhibit RBD-1, page 1 of 1
(legislative format)

Florida Power & Light Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Calculation of the Energy & Demand Allocation % By Rate Class

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
RATE CLASS	Avg 12 CP Load Factor at Meter (%)	Avg 12 GCP Load Factor at Meter (%)	Projected Sales at Meter (kWh)	Projected Avg 12 CP at Meter (kW)	Projected Avg 12 GCP at Meter (kW)	Demand Loss Expansion Factor	Projected Avg 12 CP at Generation (kW)	Projected Avg 12 GCP Demand at Generation (kW)	Percentage of 12 CP Demand at Generation (%)	Percentage of 12 GCP Demand at Generation (%)
RS1/RTR1	61.756 ~~61.336~~%	59.072 ~~58.670~~%	59,729,073,564 ~~59,322,627,597~~	11,040,784	11,542,423	1.062274	11,728,341	12,261,220	57.14078%	57.90415%
GS1/GST1	61.000 ~~60.440~~%	59.662 ~~59.113~~%	6,506,168,667 ~~6,446,369,405~~	1,217,559	1,244,876	1.062274	1,293,382	1,322,400	6.30139%	6.24509%
GSD1/GSDT1/HLFT1	70.568 ~~69.952~~%	69.554 ~~68.947~~%	27,339,372,990 ~~27,100,711,056~~	4,422,592	4,487,060	1.062195	4,697,655	4,766,132	22.88709%	22.50827%
OS2	154.701 ~~166.755~~%	15.348 ~~16.543~~%	9,166,365 ~~9,880,568~~	676	6,818	1.037280	702	7,072	0.00342%	0.03340%
GSLD1/GSLDT1/CS1/CST1/HLFT2	69.605 ~~69.009~~%	66.528 ~~65.958~~%	10,202,110,568 ~~10,114,802,689~~	1,673,190	1,750,590	1.061387	1,775,902	1,858,052	8.65224%	8.77473%
GSLD2/GSLDT2/CS2/CST2/HLFT3	84.453 ~~83.458~~%	81.681 ~~80.718~~%	2,700,592,177 ~~2,668,776,184~~	365,038	377,429	1.052348	384,147	397,187	1.87157%	1.87573%
GSLD3/GSLDT3/CS3/CST3	83.597 ~~65.878~~%	0.000%	259,242,549 ~~204,293,707~~	35,401	0	1.022227	36,188	0	0.17631%	0.00000%
SST1T	84.075%	0.000%	92,787,905	12,598	0	1.022227	12,879	0	0.06274%	0.00000%
SST1D1/SST1D2/SST1D3	52.653 ~~51.706~~%	14.380 ~~14.121~~%	1,849,941 ~~1,816,666~~	401	1,469	1.045147	419	1,535	0.00204%	0.00725%
CILC D/CILC G	85.444 ~~85.442~~%	84.136 ~~84.133~~%	2,739,981,680 ~~2,739,895,986~~	366,067	371,760	1.052161	385,161	391,152	1.87651%	1.84723%
CILC T	93.078 ~~92.434~~%	0.000%	1,470,591,289 ~~1,460,414,129~~	180,360	0	1.022227	184,369	0	0.89825%	0.00000%
MET	76.794 ~~76.872~~%	68.401 ~~68.470~~%	80,325,996 ~~80,407,711~~	11,941	13,406	1.037280	12,386	13,906	0.06034%	0.06567%
OL1/SL1/SL1M/PL1	13,844.128 ~~13,926.572~~%	48.912 ~~49.203~~%	575,951,839 ~~579,381,697~~	475	134,420	1.062274	504	142,791	0.00246%	0.67434%
SL2/SL2M/GSCU1	96.257 ~~95.778%~~	94.339 ~~93.870~~%	105,664,172 ~~105,138,830~~	12,531	12,786	1.062274	13,312	13,582	0.06485%	0.06414%
Total			111,812,879,702 ~~110,927,304,130~~	19,339,613	19,943,037		20,525,345	21,175,029	100.00000%	100.00000%

Notes:
(2) (3) avg 12 CP and GCP load factor based on projected 2021 load research data
(4) projected kWh sales for 2021
(5) (6) avg 12 CP and GCP KW based on projected 2021 load research data
(7) based on projected 2021 demand losses
(8) column 5 / column 7
(9) column 6 / column 7
(10) column 8 / total of column 8
(11) column 9 / total of column 9

Form 4P to Appendix I of Exhibit RBD-1, page 1 of 1
(clean format)

Florida Power & Light Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Calculation of the Energy & Demand Allocation % By Rate Class

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
RATE CLASS	Avg 12 CP Load Factor at Meter (%)	Avg 12 GCP Load Factor at Meter (%)	Projected Sales at Meter (kWh)	Projected Avg 12 CP at Meter (kW)	Projected Avg 12 GCP at Meter (kW)	Demand Loss Expansion Factor	Projected Avg 12 CP at Generation (kW)	Projected Avg 12 GCP Demand at Generation (kW)	Percentage of 12 CP Demand at Generation (%)	Percentage of 12 GCP Demand at Generation (%)
RS1/RTR1	61.756 %	59.072 %	59,729,073,564	11,040,784	11,542,423	1.062274	11,728,341	12,261,220	57.14078%	57.90415%
GS1/GST1	61.000 %	59.662 %	6,506,168,667	1,217,559	1,244,876	1.062274	1,293,382	1,322,400	6.30139%	6.24509%
GSD1/GSDT1/HLFT1	70.568 %	69.554 %	27,339,372,990	4,422,592	4,487,060	1.062195	4,697,655	4,766,132	22.88709%	22.50827%
OS2	154.701 %	15.348 %	9,166,365	676	6,818	1.037280	702	7,072	0.00342%	0.03340%
GSLD1/GSLDT1/CS1/CST1/HLFT2	69.605 %	66.528 %	10,202,110,568	1,673,190	1,750,590	1.061387	1,775,902	1,858,052	8.65224%	8.77473%
GSLD2/GSLDT2/CS2/CST2/HLFT3	84.453 %	81.681 %	2,700,592,177	365,038	377,429	1.052348	384,147	397,187	1.87157%	1.87573%
GSLD3/GSLDT3/CS3/CST3	83.597 %	0.000%	259,242,549	35,401	0	1.022227	36,188	0	0.17631%	0.00000%
SST1T	84.075%	0.000%	92,787,905	12,598	0	1.022227	12,879	0	0.06274%	0.00000%
SST1D1/SST1D2/SST1D3	52.653 %	14.380 %	1,849,941	401	1,469	1.045147	419	1,535	0.00204%	0.00725%
CILC D/CILC G	85.444 %	84.136 %	2,739,981,680	366,067	371,760	1.052161	385,161	391,152	1.87651%	1.84723%
CILC T	93.078 %	0.000%	1,470,591,289	180,360	0	1.022227	184,369	0	0.89825%	0.00000%
MET	76.794 %	68.401 %	80,325,996	11,941	13,406	1.037280	12,386	13,906	0.06034%	0.06567%
OL1/SL1/SL1M/PL1	13,844.128 %	48.912 %	575,951,839	475	134,420	1.062274	504	142,791	0.00246%	0.67434%
SL2/SL2M/GSCU1	96.257	94.339 %	105,664,172	12,531	12,786	1.062274	13,312	13,582	0.06485%	0.06414%
Total			111,812,879,702	19,339,613	19,943,037		20,525,345	21,175,029	100.00000%	100.00000%

Notes:
(2) (3) avg 12 CP and GCP load factor based on projected 2021 load research data
(4) projected kWh sales for 2021
(5) (6) avg 12 CP and GCP KW based on projected 2021 load research data
(7) based on projected 2021 demand losses
(8) column 5 / column 7
(9) column 6 / column 7
(10) column 8 / total of column 8
(11) column 9 / total of column 9

Form 5P to Appendix I of Exhibit RBD-1, page 1 of 1
(legislative format)

Florida Power & Light Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2021 through December 2021

(1) Rate Class	(2) Percentage of 12 CP Demand at Generation (%)	(3) Percentage of GCP Demand at Generation (%)	(4) 12CP Demand Related Cost ($)	(5) GCP Demand Related Cost ($)	(6) Total SPPCRC Costs ($)	(7) Projected Sales at Meter (kWh)	(8) Billing KW Load Factor (%)	(9) Projected Billed KW at Meter (kW)	(10) SPP Factor ($/kW)	(11) SPP Factor ($/kWh)	(12) RDC ($/kW)	(13) SDD ($/kW)
RS1/RTR1	57.14078%	57.90415%	$1,522,827	$23,610,004	$25,132,831	59,729,073,564 ~~59,322,627,597~~				0.00042		
GS1/GST1	6.30139%	6.24509%	$167,935	$2,546,392	$2,714,327	6,506,168,667 ~~6,446,369,405~~				0.00042		
GSD1/GSDT1/HLFT1/GSDEV	22.88709%	22.50827%	$609,951	$9,177,585	$9,787,536	27,339,372,990 ~~27,100,711,056~~	51.93294% ~~51.47958%~~	72,114,537	0.14			
OS2	0.00342%	0.03340%	$91	$13,618	$13,709	9,166,365 ~~9,880,568~~				0.00150 ~~0.00139~~		
GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1EV	8.65224%	8.77473%	$230,586	$3,577,835	$3,808,421	10,202,110,568 ~~10,114,802,689~~	57.38509% ~~56.89400%~~	24,353,877	0.16			
GSLD2/GSLDT2/CS2/CST2/HLFT3	1.87157%	1.87573%	$49,878	$764,817	$814,695	2,700,592,177 ~~2,668,776,184~~	66.01952% ~~65.24174%~~	5,603,557	0.15			
GSLD3/GSLDT3/CS3/CST3	0.17631%	0.00000%	$4,699	$0	$4,699	259,242,549 ~~204,293,707~~	68.80148% ~~54.21838%~~	516,162	0.01			
SST1T	0.06274%	0.00000%	$1,672	$0	$1,672	92,787,905 ~~92,787,905~~	14.79189%	859,300			0.02	0.01
SST1D1/SST1D2/SST1D3	0.00204%	0.00725%	$54	$2,955	$3,010	1,849,941 ~~1,816,666~~	11.92716% ~~11.71263%~~	21,247			0.02	0.01
CILC D/CILC G	1.87651%	1.84723%	$50,010	$753,195	$803,205	2,739,981,680 ~~2,739,895,986~~	71.04120% ~~71.03897%~~	5,283,413	0.15			
CILC T	0.89825%	0.00000%	$23,939	$0	$23,939	1,470,591,289 ~~1,460,414,129~~	75.77028% ~~75.24592%~~	2,658,705	0.01			
MET	0.06034%	0.06567%	$1,608	$26,776	$28,384	80,325,996 ~~80,407,711~~	55.87377% ~~55.93061%~~	196,936	0.14			
OL1/SL1/SL1M/PL1	0.00246%	0.67434%	$66	$274,956	$275,022	575,951,839 ~~579,381,697~~				0.00048 ~~0.00047~~		
SL2/SL2M/GSCU1	0.06485%	0.06414%	$1,728	$26,154	$27,882	105,664,172 ~~105,138,830~~				0.00026 ~~0.00027~~		
TOTAL			$2,665,044	$40,774,287	$43,439,331	111,812,879,702 ~~110,927,304,130~~						

Notes:
(2) (3) avg 12 CP and GCP load factor based on projected 2021 load research data
(4) column 2 x total of column 4
(5) column 3 x total of column 5
(6) column 4 + column 5
(7) projected kWh sales for 2021
(8) (projected kWh sales / 8760 hours) / (avg customer NCP * 8760 hours)
(9) column 7 / (column 8 *730)
(10) column 6 / column 9
(11) column 6 / column 7
(12) (total of column 6/total of avg 12 CP at generation * 0.10 * rate demand loss expansion factor)/12
(13) ((total of column 6/total avg 12 CP at generation)/(21 * rate demand loss expansion factor))/12

Form 5P to Appendix I of Exhibit RBD-1, page 1 of 1
(clean format)

Florida Power & Light Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2021 through December 2021

(1) Rate Class	(2) Percentage of 12 CP Demand at Generation (%)	(3) Percentage of GCP Demand at Generation (%)	(4) 12CP Demand Related Cost ($)	(5) GCP Demand Related Cost ($)	(6) Total SPPCRC Costs ($)	(7) Projected Sales at Meter (kWh)	(8) Billing KW Load Factor (%)	(9) Projected Billed KW at Meter (kW)	(10) SPP Factor ($/kW)	(11) SPP Factor ($/kWh)	(12) RDC ($/kW)	(13) SDD ($/kW)
RS1/RTR1	57.14078%	57.90415%	$1,522,827	$23,610,004	$25,132,831	59,729,073,564				0.00042		
GS1/GST1	6.30139%	6.24509%	$167,935	$2,546,392	$2,714,327	6,506,168,667				0.00042		
GSD1/GSDT1/HLFT1/GSDEV	22.88709%	22.50827%	$609,951	$9,177,585	$9,787,536	27,339,372,990	51.93294%	72,114,537	0.14			
OS2	0.00342%	0.03340%	$91	$13,618	$13,709	9,166,365				0.00150		
GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1EV	8.65224%	8.77473%	$230,586	$3,577,835	$3,808,421	10,202,110,568	57.38509%	24,353,877	0.16			
GSLD2/GSLDT2/CS2/CST2/HLFT3	1.87157%	1.87573%	$49,878	$764,817	$814,695	2,700,592,177	66.01952%	5,603,557	0.15			
GSLD3/GSLDT3/CS3/CST3	0.17631%	0.00000%	$4,699	$0	$4,699	259,242,549	68.80148%	516,162	0.01			
SST1T	0.06274%	0.00000%	$1,672	$0	$1,672	92,787,905	14.79189%	859,300			0.02	0.01
SST1D1/SST1D2/SST1D3	0.00204%	0.00725%	$54	$2,955	$3,010	1,849,941	11.92716%	21,247			0.02	0.01
CILC D/CILC G	1.87651%	1.84723%	$50,010	$753,195	$803,205	2,739,981,680	71.04120%	5,283,413	0.15			
CILC T	0.89825%	0.00000%	$23,939	$0	$23,939	1,470,591,289	75.77028%	2,658,705	0.01			
MET	0.06034%	0.06567%	$1,608	$26,776	$28,384	80,325,996	55.87377%	196,936	0.14			
OL1/SL1/SL1M/PL1	0.00246%	0.67434%	$66	$274,956	$275,022	575,951,839				0.00048		
SL2/SL2M/GSCU1	0.06485%	0.06414%	$1,728	$26,154	$27,882	105,664,172				0.00026		
TOTAL			$2,665,044	$40,774,287	$43,439,331	111,812,879,702						

Notes:
(2) (3) avg 12 CP and GCP load factor based on projected 2021 load research data

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(5) column 3 x total of column 5
(6) column 4 + column 5
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Attachment A to FPL's 2021 SPPCRC Petition, page 1 of 1
(legislative format)

Florida Power & Light Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2021 through December 2021

(1) Rate Class	(2) Percentage of 12 CP Demand at Generation (%)	(3) Percentage of GCP Demand at Generation (%)	(4) 12CP Demand Related Cost ($)	(5) GCP Demand Related Cost ($)	(6) Total SPPCRC Costs ($)	(7) Projected Sales at Meter (kWh)	(8) Billing KW Load Factor (%)	(9) Projected Billed KW at Meter (kW)	(10) SPP Factor ($/kW)	(11) SPP Factor ($/kWh)	(12) RDC ($/kW)	(13) SDD ($/kW)
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GS1/GST1	6.30139%	6.24509%	$167,935	$2,546,392	$2,714,327	6,506,168,667 ~~6,446,369,405~~				0.00042		
GSD1/GSDT1/HLFT1/GSDEV	22.88709%	22.50827%	$609,951	$9,177,585	$9,787,536	27,339,372,990 ~~27,100,711,056~~	51.93294% ~~51.47958%~~	72,114,537	0.14			
OS2	0.00342%	0.03340%	$91	$13,618	$13,709	9,166,365 ~~9,880,568~~				0.00150 ~~0.00139~~		
GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1EV	8.65224%	8.77473%	$230,586	$3,577,835	$3,808,421	10,202,110,568 ~~10,114,802,689~~	57.38509% ~~56.89400%~~	24,353,877	0.16			
GSLD2/GSLDT2/CS2/CST2/HLFT3	1.87157%	1.87573%	$49,878	$764,817	$814,695	2,700,592,177 ~~2,668,776,184~~	66.01952% ~~65.24174%~~	5,603,557	0.15			
GSLD3/GSLDT3/CS3/CST3	0.17631%	0.00000%	$4,699	$0	$4,699	259,242,549 ~~204,293,707~~	68.80148% ~~54.21838%~~	516,162	0.01			
SST1T	0.06274%	0.00000%	$1,672	$0	$1,672	92,787,905 ~~92,787,905~~	14.79189%	859,300			0.02	0.01
SST1D1/SST1D2/SST1D3	0.00204%	0.00725%	$54	$2,955	$3,010	1,849,941 ~~1,816,666~~	11.92716% ~~11.71263%~~	21,247			0.02	0.01
CILC D/CILC G	1.87651%	1.84723%	$50,010	$753,195	$803,205	2,739,981,680 ~~2,739,895,986~~	71.04120% ~~71.03897%~~	5,283,413	0.15			
CILC T	0.89825%	0.00000%	$23,939	$0	$23,939	1,470,591,289 ~~1,460,414,129~~	75.77028% ~~75.24592%~~	2,658,705	0.01			
MET	0.06034%	0.06567%	$1,608	$26,776	$28,384	80,325,996 ~~80,407,711~~	55.87377% ~~55.93061%~~	196,936	0.14			
OL1/SL1/SL1M/PL1	0.00246%	0.67434%	$66	$274,956	$275,022	575,951,839 ~~579,381,697~~				0.00048 ~~0.00047~~		
SL2/SL2M/GSCU1	0.06485%	0.06414%	$1,728	$26,154	$27,882	105,664,172 ~~105,138,830~~				0.00026 ~~0.00027~~		
TOTAL			$2,665,044	$40,774,287	$43,439,331	111,812,879,702 ~~110,927,304,130~~						

Notes:
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ATTACHMENT A - CORRECTED

Attachment A to FPL's 2021 SPPCRC Petition, page 1 of 1 (clean format)

Florida Power & Light Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2021 through December 2021

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Rate Class	Percentage of 12 CP Demand at Generation (%)	Percentage of GCP Demand at Generation (%)	12CP Demand Related Cost ($)	GCP Demand Related Cost ($)	Total SPPCRC Costs ($)	Projected Sales at Meter (kWh)	Billing KW Load Factor (%)	Projected Billed KW at Meter (kW)	SPP Factor ($/kW)	SPP Factor ($/kWh)	RDC ($/kW)	SDD ($/kW)
RS1/RTR1	57.14078%	57.90415%	$1,522,827	$23,610,004	$25,132,831	59,729,073,564				0.00042		
GS1/GST1	6.30139%	6.24509%	$167,935	$2,546,392	$2,714,327	6,506,168,667				0.00042		
GSD1/GSDT1/HLFT1/GSDEV	22.88709%	22.50827%	$609,951	$9,177,585	$9,787,536	27,339,372,990	51.93294%	72,114,537	0.14			
OS2	0.00342%	0.03340%	$91	$13,618	$13,709	9,166,365				0.00150		
GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1EV	8.65224%	8.77473%	$230,586	$3,577,835	$3,808,421	10,202,110,568	57.38509%	24,353,877	0.16			
GSLD2/GSLDT2/CS2/CST2/HLFT3	1.87157%	1.87573%	$49,878	$764,817	$814,695	2,700,592,177	66.01952%	5,603,557	0.15			
GSLD3/GSLDT3/CS3/CST3	0.17631%	0.00000%	$4,699	$0	$4,699	259,242,549	68.80148%	516,162	0.01			
SST1T	0.06274%	0.00000%	$1,672	$0	$1,672	92,787,905	14.79189%	859,300			0.02	0.01
SST1D1/SST1D2/SST1D3	0.00204%	0.00725%	$54	$2,955	$3,010	1,849,941	11.92716%	21,247			0.02	0.01
CILC D/CILC G	1.87651%	1.84723%	$50,010	$753,195	$803,205	2,739,981,680	71.04120%	5,283,413	0.15			
CILC T	0.89825%	0.00000%	$23,939	$0	$23,939	1,470,591,289	75.77028%	2,658,705	0.01			
MET	0.06034%	0.06567%	$1,608	$26,776	$28,384	80,325,996	55.87377%	196,936	0.14			
OL1/SL1/SL1M/PL1	0.00246%	0.67434%	$66	$274,956	$275,022	575,951,839				0.00048		
SL2/SL2M/GSCU1	0.06485%	0.06414%	$1,728	$26,154	$27,882	105,664,172				0.00026		
TOTAL			$2,665,044	$40,774,287	$43,439,331	111,812,879,702						

Notes:
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(13) ((total of column 6/total avg 12 CP at generation)/(21 * rate demand loss expansion factor))/12

ATTACHMENT A - CORRECTED

Complete Copy of the Corrected Exhibit RBD-1
(clean format)

Florida Power & Light Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January through December 2021

Summary of Projected Period Recovery Amount
(in Dollars)

Line		GPC Demand Distribution ($)	12 CP Demand Transmission ($)	Total ($)
1.	Total Jurisdictional Revenue Requirements for the Projected Period			
	a. Overhead Hardening Programs (SPPCRC Form 2P, Line 15 + SPPCRC Form 3P, Line 15)	$ 29,903,964	$ 2,623,781	$ 32,527,744
	b. Undergrounding Programs (SPPCRC Form 2P, Line 17 + SPPCRC Form 3P, Line 17)	$ 9,991,443	$ -	$ 9,991,443
	c. Vegetation Management Programs (SPPCRC Form 2P, Line 16 + SPPCRC Form 3P, Line 16)	$ -	$ -	$ -
	d. Implementation Costs (SPPCRC Form 2P, Line 18 + SPPCRC Form 3P, Line 18)	$ 849,544	$ 39,346	$ 888,889
	e. Total Projected Period Rev. Req.	$ 40,744,951	$ 2,663,126	$ 43,408,077
2.	Estimated True up of Over/(Under) Recovery for the Current Period (SPPCRC Form E1, Line 5c)	$0	$0	$0
3.	Final True Up of Over/(Under) Recovery for the Prior Period (SPPCRC Form A1, Line 5c)	$0	$0	$0
4.	Jurisdictional Amount to Recovered/(Refunded) (Line 1e - Line 2 - Line 3)	$ 40,744,951	$ 2,663,126	$ 43,408,077
5.	Jurisdictional Amount to Recovered/(Refunded) Adjusted for Taxes	$40,774,287	$2,665,044	$43,439,331
	Revenue Tax Multiplier: 1.00072			

Notes:

(a) FPL does not classify any transmission or distribution costs as energy related

Florida Power & Light Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January through December 2021

Calculation of Annual Revenue Requirements for O&M Programs
(in Dollars)

Line	O&M Activities	T/D	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total	Method of Classification: Distribution GCP Demand	Method of Classification: Transmission 12 CP Demand	Total
1	Overhead Hardening O&M Programs																	
	1. Feeder Hardening - Distribution	D	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0
	2. Pole Inspections - Distribution	D	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0
	3. Structures/Other Equipment Inspections Transmission	T	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0	$0
	4. Wood Structures Hardening (Replacing) Transmission	T	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0	$0
	5. Substation Storm Surge/Flood Mitigation	D	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0
1.a	Adjustments														$0			$0
1.b	Subtotal of Overhead Hardening Programs - O&M		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2	Vegetation Management O&M Programs																	
	1. Vegetation Management - Distribution	D	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0
	2. Vegetation Management - Transmission	T	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0	$0
2.a	Adjustments														$0	$0	$0	$0
2.b	Subtotal of Vegetation Management Programs - O&M		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	Undergrounding Laterals O&M Programs																	
	1. Lateral Hardening (Undergrounding) Distribution	D	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0
3.a	Adjustments														$0	$0	$0	$0
	Subtotal of Underground Laterals Programs - O&M		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
4	Implementation Costs- A&G																	
	1. Implementation Costs - Distribution	D	$52,871	$35,840	$35,840	$35,840	$35,840	$35,840	$35,840	$35,840	$35,840	$35,840	$35,840	$35,840	$447,113	$433,649		$433,649
	2 Implementation Costs - Transmission	T	$2,449	$1,660	$1,660	$1,660	$1,660	$1,660	$1,660	$1,660	$1,660	$1,660	$1,660	$1,660	$20,707		$20,084	$20,084
4.a.	Adjustments														$0	$0	$0	$0
	Subtotal of Implementation Costs - O&M		$55,320	$37,500	$37,500	$37,500	$37,500	$37,500	$37,500	$37,500	$37,500	$37,500	$37,500	$37,500	$467,820	$433,649	$20,084	$453,733
4	Total of O&M Programs		$55,320	$37,500	$37,500	$37,500	$37,500	$37,500	$37,500	$37,500	$37,500	$37,500	$37,500	$37,500	$467,820	$433,649	$20,084	$453,733
5	Allocation of O&M Costs																	
	a. Distribution O&M Allocated to GPC Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
	b. Transmission O&M Allocated to 12 CP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
	c. Implementation Costs Allocated to Distribution GCP Demand		$52,871	$35,840	$35,840	$35,840	$35,840	$35,840	$35,840	$35,840	$35,840	$35,840	$35,840	$35,840	$447,113			
	d. Implementation Costs Allocated to Transmission 12 CP Demand		$2,449	$1,660	$1,660	$1,660	$1,660	$1,660	$1,660	$1,660	$1,660	$1,660	$1,660	$1,660	$20,707			
6	Implementation Costs Allocation																	
	a. Distribution		95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%			
	b. Transmission		4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%			
7	Retail Jurisdictional Factors																	
	a. Distribution Jurisdictional Factor		100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%			
	b. Transmission Jurisdictional Factor		90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%			
	c. A&G Jurisdictional Factor		96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%			
8	Jurisdictional GCP Demand Revenue Requirements - Distribution		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
9	Jurisdictional 12 CP Demand Revenue Requirements - Transmission		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
10	Jurisdictional Implementation Costs Allocated to Distribution GCP Demand		$51,279	$34,761	$34,761	$34,761	$34,761	$34,761	$34,761	$34,761	$34,761	$34,761	$34,761	$34,761	$433,649			
11	Jurisdictional Implementation Costs Allocated to Transmission 12 CP Demand		$2,375	$1,610	$1,610	$1,610	$1,610	$1,610	$1,610	$1,610	$1,610	$1,610	$1,610	$1,610	$20,084			
12	Total Jurisdictional O&M Revenue Requirements		$53,654	$36,371	$36,371	$36,371	$36,371	$36,371	$36,371	$36,371	$36,371	$36,371	$36,371	$36,371	$453,733			
	O&M Revenue Requirements by Category of Activity Monthly Sums of (Activity Cost x Allocation x Jur. Factor)																	
13	Overhead Hardening O&M Programs		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
	a. Allocated to GCP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
	b. Allocated to 12 CP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
14	Vegetation Management O&M Programs		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
	a. Allocated to GCP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
	b. Allocated to 12 CP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
15	Undergrounding Laterals O&M Programs		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
	a. Allocated to GCP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
	b. Allocated to 12 CP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
16	Implementation O&M		$53,654	$36,371	$36,371	$36,371	$36,371	$36,371	$36,371	$36,371	$36,371	$36,371	$36,371	$36,371	$453,733			
	a. Allocated to Distribution		$51,279	$34,761	$34,761	$34,761	$34,761	$34,761	$34,761	$34,761	$34,761	$34,761	$34,761	$34,761	$433,649			
	b. Allocated to Transmission		$2,375	$1,610	$1,610	$1,610	$1,610	$1,610	$1,610	$1,610	$1,610	$1,610	$1,610	$1,610	$20,084			

Florida Power & Light
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January through December 2021
Project Listing by Each O&M Program

Line	O&M Activities	T or D
	See FPL Exhibit MJ-2 attached to the testimony of FPL Witness Jarro	

Florida Power & Light Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January through December 2021

Calculation of Annual Revenue Requirements for Capital Investment Programs
(in Dollars)

Line	Capital Investment Activities	T/D	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total	Method of Classification: Distribution GCP Demand	Method of Classification: Transmission 12 CP Demand	Total
1	Overhead Hardening Capital Investment Programs																	
	1. Feeder Hardening - Distribution	D	$163,962	$497,167	$860,627	$1,269,761	$1,695,993	$2,103,713	$2,489,572	$2,883,693	$3,301,598	$3,742,894	$4,176,660	$4,581,114	$27,766,754	$27,766,754		$27,766,754
	2. Pole Inspections - Distribution	D	$10,214	$31,240	$53,293	$76,073	$99,365	$123,014	$146,908	$170,968	$195,136	$219,370	$243,640	$267,926	$1,637,147	$1,637,147		$1,637,147
	3. Structures/Other Equipment Inspections Transmission	T	$5,153	$17,484	$33,761	$52,509	$71,696	$89,484	$105,558	$121,497	$138,179	$156,605	$175,540	$192,619	$1,160,085		$1,046,744	$1,046,744
	4. Wood Structures Hardening (Replacing) Transmission	T	$7,851	$26,948	$51,081	$78,221	$106,052	$132,386	$157,610	$183,236	$210,305	$237,958	$265,244	$290,905	$1,747,796		$1,577,036	$1,577,036
	5. Substation Storm Surge/Flood Mitigation	D	$3,026	$12,283	$25,047	$35,304	$42,725	$47,073	$48,180	$48,953	$50,999	$55,988	$62,606	$67,881	$500,063	$500,063		$500,063
1.a	Adjustments																	
1.b	Subtotal of Overhead Hardening Capital Investment Programs		$190,207	$585,121	$1,023,808	$1,511,868	$2,015,831	$2,495,669	$2,947,828	$3,408,347	$3,896,216	$4,412,814	$4,923,690	$5,400,445	$32,811,845	$29,903,964	$2,623,781	$32,527,744
2	Vegetation Management Capital Investment Programs																	
	1. Vegetation Management - Distribution	D	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0
	2. Vegetation Management - Transmission	T	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0	$0
2.a	Adjustments																	
2.b	Subtotal of Vegetation Management Capital Investment Programs		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	Undergrounding Laterals Capital Programs																	
	1. Lateral Hardening (Undergrounding) Distribution	D	$46,281	$141,564	$262,380	$437,616	$627,102	$771,471	$887,243	$1,026,502	$1,191,075	$1,381,611	$1,549,734	$1,668,865	$9,991,443	$9,991,443		$9,991,443
3.a	Adjustments																	
3.b	Subtotal of Underground Laterals Program - Capital		$46,281	$141,564	$262,380	$437,616	$627,102	$771,471	$887,243	$1,026,502	$1,191,075	$1,381,611	$1,549,734	$1,668,865	$9,991,443	$9,991,443	$0	$9,991,443
3	Implementation Costs - G&I																	
	1. Implementation Costs - Distribution	D	$15,189	$21,709	$22,957	$31,377	$40,143	$41,637	$42,725	$43,024	$42,819	$42,614	$42,409	$42,204	$428,807	$415,895		$415,895
	2 Implementation Costs - Transmission	T	$703	$1,005	$1,063	$1,453	$1,859	$1,928	$1,979	$1,993	$1,983	$1,974	$1,964	$1,955	$19,860		$19,262	$19,262
3.a	Adjustments																	
3.b	Subtotal of Implementation Capital Programs		$15,892	$22,715	$24,020	$32,830	$42,002	$43,565	$44,704	$45,017	$44,802	$44,588	$44,373	$44,158	$448,667	$415,895	$19,262	$435,157
4.a	Total Capital Investment Programs		$252,380	$749,400	$1,310,209	$1,982,314	$2,684,935	$3,310,705	$3,879,774	$4,479,866	$5,132,094	$5,839,013	$6,517,797	$7,113,468	$43,251,955	$40,311,302	$2,643,042	$42,954,344
5	Allocation of Capital Investment Programs																	
	a. Distribution Allocated to GPC Demand		$223,483	$682,254	$1,201,347	$1,818,755	$2,465,185	$3,045,271	$3,571,903	$4,130,116	$4,738,808	$5,399,863	$6,032,639	$6,585,785	$39,895,407			
	b. Transmission Allocated to 12 CP Demand		$13,005	$44,432	$84,842	$130,730	$177,748	$221,870	$263,168	$304,733	$348,483	$394,563	$440,784	$483,524	$2,907,881			
	c. Implementation Costs Allocated to Distribution GCP Demand		$15,189	$21,709	$22,957	$31,377	$40,143	$41,637	$42,725	$43,024	$42,819	$42,614	$42,409	$42,204	$428,807			
	d. Implementation Costs Allocated to Transmission 12 CP Demand		$703	$1,005	$1,063	$1,453	$1,859	$1,928	$1,979	$1,993	$1,983	$1,974	$1,964	$1,955	$19,860			
6	Implementation Costs Allocation																	
	a. Distribution		95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%	95.57%			
	b. Transmission		4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%	4.43%			
7	Retail Jurisdictional Factors																	
	a. Distribution Demand Jurisdictional Factor		100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%			
	b. Transmission 12 CP Demand Jurisdictional Factor		90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%			
	c. General & Intangible Plant Jurisdictional Factor		96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%			
8	Jurisdictional GCP Demand Revenue Requirements - Distribution		$223,483	$682,254	$1,201,347	$1,818,755	$2,465,185	$3,045,271	$3,571,903	$4,130,116	$4,738,808	$5,399,863	$6,032,639	$6,585,785	$39,895,407			
9	Jurisdictional 12 CP Demand Revenue Requirements - Transmission		$11,734	$40,091	$76,553	$117,957	$160,382	$200,193	$237,456	$274,960	$314,436	$356,014	$397,720	$436,284	$2,623,781			
10	Jurisdictional Implementation Costs Allocated to Distribution GCP Demand		$14,732	$21,055	$22,266	$30,432	$38,934	$40,383	$41,438	$41,729	$41,530	$41,331	$41,132	$40,933	$415,895			
11	Jurisdictional Implementation Costs Allocated to Transmission 12 CP Demand		$682	$975	$1,031	$1,409	$1,803	$1,870	$1,919	$1,933	$1,923	$1,914	$1,905	$1,896	$19,262			
12	Total Jurisdictional Capital Investment Revenue Requirements		250,631	744,375	1,301,196	1,968,553	2,666,304	3,287,717	3,852,717	4,448,738	5,096,698	5,799,121	6,473,396	7,064,898	42,954,344			
	Capital Investment Revenue Requirements by Category of Activity Monthly Sums of (Activity Cost x Allocation x Jur. Factor)																	
13	Overhead Hardening Capital Investment Programs		$188,937	$580,780	$1,015,519	$1,499,096	$1,998,465	$2,473,993	$2,922,116	$3,378,574	$3,862,169	$4,374,266	$4,880,625	$5,353,204	$32,527,744			
	a. Allocated to GCP Demand		$177,202	$540,690	$938,967	$1,381,139	$1,838,082	$2,273,800	$2,684,660	$3,103,614	$3,547,733	$4,018,252	$4,482,906	$4,916,920	$29,903,964			
	b. Allocated to 12 CP Demand		$11,734	$40,091	$76,553	$117,957	$160,382	$200,193	$237,456	$274,960	$314,436	$356,014	$397,720	$436,284	$2,623,781			
14	Vegetation Management Capital Investment Programs		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
	a. Allocated to GCP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
	b. Allocated to 12 CP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
15	Undergrounding Laterals Capital Investment Programs		$46,281	$141,564	$262,380	$437,616	$627,102	$771,471	$887,243	$1,026,502	$1,191,075	$1,381,611	$1,549,734	$1,668,865	$9,991,443			
	a. Allocated to GCP Demand		$46,281	$141,564	$262,380	$437,616	$627,102	$771,471	$887,243	$1,026,502	$1,191,075	$1,381,611	$1,549,734	$1,668,865	$9,991,443			
	b. Allocated to 12 CP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			
16	Implementation Capital		$15,414	$22,031	$23,297	$31,842	$40,738	$42,253	$43,357	$43,662	$43,453	$43,245	$43,037	$42,829	$435,157			
	a. Allocated to Distribution		$14,732	$21,055	$22,266	$30,432	$38,934	$40,383	$41,438	$41,729	$41,530	$41,331	$41,132	$40,933	$415,895			
	b. Allocated to Transmission		$682	$975	$1,031	$1,409	$1,803	$1,870	$1,919	$1,933	$1,923	$1,914	$1,905	$1,896	$19,262			

Florida Power & Light Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January through December 2021
Project Listing by Each Capital Program

Line	Capital Activities	T or D
	See FPL Exhibit MJ-2 attached to the testimony of FPL Witness Jarro	

Florida Power & Light Company
Storm Protection Plan - Distribution Pole Inspection
Estimated Revenue Requirements for the Period January 2021 through December 2021
(in Dollars)

Line		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
	a. Expenditures/Additions [(a)]		$2,801,274	$2,801,274	$2,801,274	$2,801,274	$2,801,274	$2,801,274	$2,801,274	$2,801,274	$2,801,274	$2,801,274	$2,801,274	$2,801,274	$33,615,282
	b. Clearings to Plant		$785,317	$1,350,477	$1,757,197	$2,049,897	$2,260,540	$2,412,131	$2,521,224	$2,599,734	$2,656,234	$2,696,895	$2,726,157	$2,747,215	$26,563,018
2.	Plant-In-Service/Depreciation Base	$0	$785,317	$2,135,794	$3,892,991	$5,942,888	$8,203,428	$10,615,559	$13,136,783	$15,736,517	$18,392,751	$21,089,646	$23,815,803	$26,563,018	
3.	Less: Accumulated Depreciation	$0	$844	$3,984	$10,465	$21,039	$36,246	$56,477	$82,010	$113,049	$149,738	$192,182	$240,455	$294,612	
4.	CWIP - Non Interest Bearing	$0	$2,015,956	$3,466,753	$4,510,829	$5,262,206	$5,802,940	$6,192,082	$6,472,132	$6,673,671	$6,818,710	$6,923,089	$6,998,206	$7,052,264	
5.	Net Investment (Lines 2 - 3 + 4)	$0	$2,800,429	$5,598,563	$8,393,355	$11,184,055	$13,970,121	$16,751,164	$19,526,904	$22,297,139	$25,061,723	$27,820,553	$30,573,553	$33,320,670	
6.	Average Net Investment		$1,400,215	$4,199,496	$6,995,959	$9,788,705	$12,577,088	$15,360,643	$18,139,034	$20,912,021	$23,679,431	$26,441,138	$29,197,053	$31,947,112	
7.	Return on Average Net Investment														
	a. Equity Component grossed up for taxes [(b)]		$7,922	$23,759	$39,580	$55,380	$71,155	$86,903	$102,622	$118,310	$133,967	$149,592	$165,183	$180,742	$1,135,115
	b. Debt Component (Line 6 x debt rate) [(c)]		$1,448	$4,341	$7,232	$10,120	$13,002	$15,880	$18,752	$21,619	$24,480	$27,335	$30,184	$33,027	$207,419
8.	Investment Expenses														
	a. Depreciation [(d)]		$844	$3,140	$6,481	$10,574	$15,207	$20,230	$25,534	$31,039	$36,689	$42,444	$48,273	$54,157	$294,612
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9.	Total System Recoverable Expenses (Lines 7 + 8)		$10,214	$31,240	$53,293	$76,073	$99,365	$123,014	$146,908	$170,968	$195,136	$219,370	$243,640	$267,926	$1,637,147

Notes:

(a) Excludes Cost of Removal on the retirement of existing plant.
(b) The Gross-up factor for taxes is 1/.754782, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan. – Dec. 2021 is 5.1242% based on FPL's most recent financial forecast.
(c) The debt component is 1.2406% based on FPL's most recent financial forecast.
(d) Calculated using the composite depreciation rates for distribution/transmission function as reflected in FPL's 2016 retail base rate settlement agreement (Order No. PSC-16-0560-AS-EI).

Florida Power & Light Company
Storm Protection Plan - Lateral Hardening & Undergrounding Distribution
Estimated Revenue Requirements for the Period January 2021 through December 2021
(in Dollars)

Line		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
	a. Expenditures/Additions [(a)]		$12,693,439	$12,694,611	$18,421,137	$26,380,419	$20,650,743	$12,691,465	$12,691,465	$19,535,940	$19,535,940	$26,201,839	$12,691,465	$12,690,247	$206,878,709
	b. Clearings to Plant		$3,558,516	$6,119,756	$9,568,362	$14,281,504	$16,067,075	$15,120,747	$14,439,714	$15,868,406	$16,896,573	$19,505,239	$17,595,045	$16,220,020	$165,240,959
2.	Plant-In-Service/Depreciation Base	$0	$3,558,516	$9,678,273	$19,246,635	$33,528,139	$49,595,215	$64,715,961	$79,155,676	$95,024,081	$111,920,655	$131,425,894	$149,020,939	$165,240,959	
3.	Less: Accumulated Depreciation	$0	$3,825	$18,055	$49,149	$105,882	$195,240	$318,124	$472,786	$660,029	$882,495	$1,144,093	$1,445,573	$1,783,404	
4.	CWIP - Non Interest Bearing	$0	$9,134,922	$15,709,777	$24,562,552	$36,661,466	$41,245,134	$38,815,852	$37,067,602	$40,735,137	$43,374,504	$50,071,104	$45,167,523	$41,637,750	
5.	Net Investment (Lines 2 - 3 + 4)	$0	$12,689,613	$25,369,995	$43,760,038	$70,083,723	$90,645,109	$103,213,689	$115,750,491	$135,099,188	$154,412,663	$180,352,905	$192,742,889	$205,095,305	
6.	Average Net Investment		$6,344,807	$19,029,804	$34,565,016	$56,921,880	$80,364,416	$96,929,399	$109,482,090	$125,424,840	$144,755,926	$167,382,784	$186,547,897	$198,919,097	
7.	Return on Average Net Investment														
	a. Equity Component grossed up for taxes [(b)]		$35,896	$107,662	$195,553	$322,037	$454,664	$548,381	$619,398	$709,595	$818,961	$946,973	$1,055,400	$1,125,391	$6,939,910
	b. Debt Component (Line 6 x debt rate) [(c)]		$6,559	$19,673	$35,733	$58,846	$83,081	$100,206	$113,183	$129,664	$149,649	$173,040	$192,853	$205,643	$1,268,129
8.	Investment Expenses														
	a. Depreciation [(d)]		$3,825	$14,230	$31,094	$56,733	$89,358	$122,885	$154,662	$187,243	$222,466	$261,598	$301,480	$337,832	$1,783,404
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9.	Total System Recoverable Expenses (Lines 7 + 8)		$46,281	$141,564	$262,380	$437,616	$627,102	$771,471	$887,243	$1,026,502	$1,191,075	$1,381,611	$1,549,734	$1,668,865	$9,991,443

Notes:

(a) Excludes Cost of Removal on the retirement of existing plant.
(b) The Gross-up factor for taxes is 1/.754782, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan. – Dec. 2021 is 5.1242% based on FPL's most recent financial forecast.
(c) The debt component is 1.2406% based on FPL's most recent financial forecast.
(d) Calculated using the composite depreciation rates for distribution/transmission function as reflected in FPL's 2016 retail base rate settlement agreement (Order No. PSC-16-0560-AS-EI).

Florida Power & Light Company
Storm Protection Plan - Feeder Hardening Distribution
Estimated Revenue Requirements for the Period January 2021 through December 2021
(in Dollars)

Line		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
	a. Expenditures/Additions [a]		$44,970,195	$43,776,929	$48,821,508	$52,926,726	$50,593,904	$45,702,801	$43,534,396	$47,671,149	$49,777,693	$53,568,548	$47,047,007	$45,268,176	$573,659,033
	b. Clearings to Plant		$12,607,078	$21,345,327	$29,048,082	$35,742,292	$39,905,837	$41,530,975	$42,092,620	$43,656,522	$45,372,549	$47,670,240	$47,495,521	$46,871,100	$453,338,144
2.	Plant-In-Service/Depreciation Base	$0	$12,607,078	$33,952,406	$63,000,487	$98,742,779	$138,648,616	$180,179,592	$222,272,212	$265,928,734	$311,301,283	$358,971,523	$406,467,044	$453,338,144	
3.	Less: Accumulated Depreciation	$0	$13,553	$63,604	$167,828	$341,702	$596,898	$939,638	$1,372,274	$1,897,090	$2,517,612	$3,238,156	$4,061,002	$4,985,293	
4.	CWIP - Non Interest Bearing	$0	$32,363,117	$54,794,718	$74,568,145	$91,752,579	$102,440,646	$106,612,472	$108,054,248	$112,068,875	$116,474,019	$122,372,327	$121,923,813	$120,320,889	
5.	Net Investment (Lines 2 - 3 + 4)	$0	$44,956,642	$88,683,520	$137,400,804	$190,153,656	$240,492,364	$285,852,425	$328,954,186	$376,100,519	$425,257,689	$478,105,694	$524,329,855	$568,673,740	
6.	Average Net Investment		$22,478,321	$66,820,081	$113,042,162	$163,777,230	$215,323,010	$263,172,395	$307,403,306	$352,527,352	$400,679,104	$451,681,692	$501,217,775	$546,501,797	
7.	Return on Average Net Investment														
	a. Equity Component grossed up for taxes [b]		$127,172	$378,037	$639,539	$926,574	$1,218,196	$1,488,905	$1,739,143	$1,994,434	$2,266,854	$2,555,402	$2,835,654	$3,091,850	$19,261,761
	b. Debt Component (Line 6 x debt rate) [c]		$23,238	$69,079	$116,863	$169,313	$222,601	$272,068	$317,794	$364,443	$414,222	$466,949	$518,159	$564,974	$3,519,701
8.	Investment Expenses														
	a. Depreciation [d]		$13,553	$50,051	$104,224	$173,874	$255,196	$342,740	$432,636	$524,816	$620,522	$720,543	$822,846	$924,291	$4,985,293
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9.	Total System Recoverable Expenses (Lines 7 + 8)		$163,962	$497,167	$860,627	$1,269,761	$1,695,993	$2,103,713	$2,489,572	$2,883,693	$3,301,598	$3,742,894	$4,176,660	$4,581,114	$27,766,754

Notes:

(a) Excludes Cost of Removal on the retirement of existing plant.
(b) The Gross-up factor for taxes is 1/.754782, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan. – Dec. 2021 is 5.1242% based on FPL's most recent financial forecast.
(c) The debt component is 1.2406% based on FPL's most recent financial forecast.
(d) Calculated using the composite depreciation rates for distribution/transmission function as reflected in FPL's 2016 retail base rate settlement agreement (Order No. PSC-16-0560-AS-EI).

Florida Power & Light Company
Storm Protection Plan - Wood Structure Hardening & Replacement - Transmission
Estimated Revenue Requirements for the Period January 2021 through December 2021
(in Dollars)

Line		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
	a. Expenditures/Additions [(a)]		$2,227,740	$3,102,124	$3,464,249	$3,756,236	$3,478,991	$3,190,144	$3,077,316	$3,254,121	$3,446,475	$3,375,895	$3,304,648	$2,893,234	$38,571,171
	b. Clearings to Plant		$467,750	$1,020,879	$1,533,903	$2,000,518	$2,310,947	$2,495,548	$2,617,700	$2,751,326	$2,897,284	$2,997,776	$3,062,209	$3,026,730	$27,182,568
2.	Plant-In-Service/Depreciation Base	$0	$467,750	$1,488,628	$3,022,532	$5,023,049	$7,333,996	$9,829,544	$12,447,244	$15,198,570	$18,095,854	$21,093,630	$24,155,839	$27,182,568	
3.	Less: Accumulated Depreciation	$0	$400	$2,071	$5,924	$12,796	$23,351	$38,012	$57,040	$80,654	$109,093	$142,567	$181,218	$225,069	
4.	CWIP - Non Interest Bearing	$0	$1,759,990	$3,841,235	$5,771,581	$7,527,299	$8,695,344	$9,389,939	$9,849,556	$10,352,350	$10,901,541	$11,279,660	$11,522,099	$11,388,603	
5.	Net Investment (Lines 2 - 3 + 4)	$0	$2,227,340	$5,327,793	$8,788,189	$12,537,552	$16,005,989	$19,181,472	$22,239,760	$25,470,266	$28,888,302	$32,230,722	$35,496,720	$38,346,102	
6.	Average Net Investment		$1,113,670	$3,777,567	$7,057,991	$10,662,871	$14,271,770	$17,593,730	$20,710,616	$23,855,013	$27,179,284	$30,559,512	$33,863,721	$36,921,411	
7.	Return on Average Net Investment														
	a. Equity Component grossed up for taxes [(b)]		$6,301	$21,372	$39,931	$60,326	$80,743	$99,537	$117,171	$134,960	$153,768	$172,891	$191,585	$208,884	$1,287,468
	b. Debt Component (Line 6 x debt rate) [(c)]		$1,151	$3,905	$7,297	$11,023	$14,754	$18,188	$21,411	$24,661	$28,098	$31,592	$35,008	$38,169	$235,259
8.	Investment Expenses														
	a. Depreciation [(d)]		$400	$1,671	$3,853	$6,872	$10,555	$14,661	$19,028	$23,614	$28,439	$33,474	$38,651	$43,852	$225,069
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9.	Total System Recoverable Expenses (Lines 7 + 8)		$7,851	$26,948	$51,081	$78,221	$106,052	$132,386	$157,610	$183,236	$210,305	$237,958	$265,244	$290,905	$1,747,796

Notes:

(a) Excludes Cost of Removal on the retirement of existing plant.
(b) The Gross-up factor for taxes is 1/.754782, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan. – Dec. 2021 is 5.1242% based on FPL's most recent financial forecast.
(c) The debt component is 1.2406% based on FPL's most recent financial forecast.
(d) Calculated using the composite depreciation rates for distribution/transmission function as reflected in FPL's 2016 retail base rate settlement agreement (Order No. PSC-16-0560-AS-EI).

Florida Power & Light Company
Storm Protection Plan - Substation Storm Surge & Flood Mitigation Distribution
Estimated Revenue Requirements for the Period January 2021 through December 2021
(in Dollars)

Line		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
	a. Expenditures/Additions [(a)]		$830,000	$1,660,000	$1,660,000	$830,000	$830,000	$0	$0	$0	$415,000	$830,000	$830,000	$415,000	$8,300,000
	b. Clearings to Plant		$232,685	$632,823	$920,785	$895,334	$877,018	$631,152	$454,213	$326,878	$351,582	$485,703	$582,224	$535,344	$6,925,740
2.	Plant-In-Service/Depreciation Base	$0	$232,685	$865,507	$1,786,292	$2,681,625	$3,558,643	$4,189,795	$4,644,008	$4,970,886	$5,322,468	$5,808,171	$6,390,396	$6,925,740	
3.	Less: Accumulated Depreciation	$0	$250	$1,431	$4,281	$9,084	$15,793	$24,122	$33,619	$43,955	$55,020	$66,985	$80,099	$94,414	
4.	CWIP - Non Interest Bearing	$0	$597,315	$1,624,493	$2,363,708	$2,298,375	$2,251,357	$1,620,205	$1,165,992	$839,114	$902,532	$1,246,829	$1,494,604	$1,374,260	
5.	Net Investment (Lines 2 - 3 + 4)	$0	$829,750	$2,488,569	$4,145,719	$4,970,916	$5,794,207	$5,785,878	$5,776,381	$5,766,045	$6,169,980	$6,988,015	$7,804,901	$8,205,586	
6.	Average Net Investment		$414,875	$1,659,160	$3,317,144	$4,558,317	$5,382,561	$5,790,043	$5,781,130	$5,771,213	$5,968,013	$6,578,997	$7,396,458	$8,005,244	
7.	Return on Average Net Investment														
	a. Equity Component grossed up for taxes [(b)]		$2,347	$9,387	$18,767	$25,789	$30,452	$32,757	$32,707	$32,651	$33,764	$37,221	$41,846	$45,290	$342,977
	b. Debt Component (Line 6 x debt rate) [(c)]		$429	$1,715	$3,429	$4,712	$5,564	$5,986	$5,977	$5,966	$6,170	$6,801	$7,646	$8,276	$62,672
8.	Investment Expenses														
	a. Depreciation [(d)]		$250	$1,181	$2,851	$4,803	$6,708	$8,330	$9,496	$10,336	$11,065	$11,965	$13,113	$14,315	$94,414
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9.	Total System Recoverable Expenses (Lines 7 + 8)		$3,026	$12,283	$25,047	$35,304	$42,725	$47,073	$48,180	$48,953	$50,999	$55,988	$62,606	$67,881	$500,063

Notes:

(a) Excludes Cost of Removal on the retirement of existing plant.
(b) The Gross-up factor for taxes is 1/.754782, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan. – Dec. 2021 is 5.1242% based on FPL's most recent financial forecast.
(c) The debt component is 1.2406% based on FPL's most recent financial forecast.
(d) Calculated using the composite depreciation rates for distribution/transmission function as reflected in FPL's 2016 retail base rate settlement agreement (Order No. PSC-16-0560-AS-EI).

Florida Power & Light Company
Storm Protection Plan - Structures/Other Equipment Inspections Transmission
Estimated Revenue Requirements for the Period January 2021 through December 2021
(in Dollars)

Line		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
	a. Expenditures/Additions [(a)]		$1,462,215	$1,978,266	$2,458,059	$2,542,887	$2,454,219	$2,045,915	$1,910,769	$1,985,261	$2,107,702	$2,462,782	$2,221,076	$1,908,216	$25,537,367
	b. Clearings to Plant		$307,015	$657,921	$1,035,889	$1,352,307	$1,583,671	$1,680,727	$1,729,028	$1,782,828	$1,851,040	$1,979,485	$2,030,211	$2,004,596	$17,994,720
2.	Plant-In-Service/Depreciation Base	$0	$307,015	$964,937	$2,000,826	$3,353,133	$4,936,804	$6,617,531	$8,346,559	$10,129,387	$11,980,427	$13,959,913	$15,990,124	$17,994,720	
3.	Less: Accumulated Depreciation	$0	$262	$1,349	$3,882	$8,455	$15,536	$25,405	$38,187	$53,969	$72,854	$95,012	$120,594	$149,623	
4.	CWIP - Non Interest Bearing	$0	$1,155,199	$2,475,544	$3,897,715	$5,088,295	$5,958,842	$6,324,030	$6,505,771	$6,708,204	$6,964,865	$7,448,162	$7,639,027	$7,542,646	
5.	Net Investment (Lines 2 - 3 + 4)	$0	$1,461,953	$3,439,132	$5,894,658	$8,432,973	$10,880,111	$12,916,156	$14,814,143	$16,783,622	$18,872,438	$21,313,063	$23,508,557	$25,387,744	
6.	Average Net Investment		$730,976	$2,450,543	$4,666,895	$7,163,815	$9,656,542	$11,898,133	$13,865,149	$15,798,882	$17,828,030	$20,092,751	$22,410,810	$24,448,150	
7.	Return on Average Net Investment														
	a. Equity Component grossed up for taxes [(b)]		$4,136	$13,864	$26,403	$40,529	$54,632	$67,314	$78,442	$89,383	$100,863	$113,675	$126,790	$138,316	$854,347
	b. Debt Component (Line 6 x debt rate) [(c)]		$756	$2,533	$4,825	$7,406	$9,983	$12,300	$14,334	$16,333	$18,431	$20,772	$23,168	$25,274	$156,115
8.	Investment Expenses														
	a. Depreciation [(d)]		$262	$1,086	$2,533	$4,573	$7,081	$9,869	$12,782	$15,782	$18,885	$22,157	$25,582	$29,029	$149,623
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9.	Total System Recoverable Expenses (Lines 7 + 8)		$5,153	$17,484	$33,761	$52,509	$71,696	$89,484	$105,558	$121,497	$138,179	$156,605	$175,540	$192,619	$1,160,085

Notes:

(a) Excludes Cost of Removal on the retirement of existing plant.
(b) The Gross-up factor for taxes is 1/.754782, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan. – Dec. 2021 is 5.1242% based on FPL's most recent financial forecast.
(c) The debt component is 1.2406% based on FPL's most recent financial forecast.
(d) Calculated using the composite depreciation rates for distribution/transmission function as reflected in FPL's 2016 retail base rate settlement agreement (Order No. PSC-16-0560-AS-EI).

Florida Power & Light Company
Storm Protection Plan - Implementation Costs
Estimated Revenue Requirements for the Period January 2021 through December 2021
(in Dollars)

Line		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1.	Investments														
	a. Expenditures/Additions [(a)]		$ 83,006	$ 142,552	$ 104,169	$ 87,315	$ 80,832	$ 70,248	$ 45,114	$ -	$ -	$ -	$ -	$ -	$613,236
	b. Clearings to Plant		$ 851,549	$ 50,255	$ 21,168	$ 972,465	$ 80,832	$ 70,248	$ 45,114	$ -	$ -	$ -	$ -	$ -	$2,091,632
2.	Plant-In-Service/Depreciation Base	$0	$851,549	$901,804	$922,972	$1,895,438	$1,976,270	$2,046,518	$2,091,632	$2,091,632	$2,091,632	$2,091,632	$2,091,632	$2,091,632	
3.	Less: Accumulated Depreciation	$0	$5,741	$17,609	$30,039	$50,748	$80,235	$110,981	$142,689	$174,772	$206,856	$238,939	$271,022	$303,106	
4.	CWIP - Non Interest Bearing	$1,478,396	$709,852	$802,149	$885,150	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5.	Net Investment (Lines 2 - 3 + 4)	$1,478,396	$1,555,660	$1,686,344	$1,778,084	$1,844,689	$1,896,034	$1,935,536	$1,948,943	$1,916,859	$1,884,776	$1,852,692	$1,820,609	$1,788,526	
6.	Average Net Investment		$1,517,028	$1,621,002	$1,732,214	$1,811,387	$1,870,362	$1,915,785	$1,942,239	$1,932,901	$1,900,817	$1,868,734	$1,836,651	$1,804,567	
7.	Return on Average Net Investment														
	a. Equity Component grossed up for taxes [(b)]		$8,583	$9,171	$9,800	$10,248	$10,582	$10,839	$10,988	$10,935	$10,754	$10,572	$10,391	$10,209	$123,072
	b. Debt Component (Line 6 x debt rate) [(c)]		$1,568	$1,676	$1,791	$1,873	$1,934	$1,981	$2,008	$1,998	$1,965	$1,932	$1,899	$1,866	$22,489
8.	Investment Expenses														
	a. Depreciation [(d)]		$ 5,741	$ 11,868	$ 12,429	$ 20,710	$ 29,487	$ 30,746	$ 31,707	$ 32,083	$ 32,083	$ 32,083	$ 32,083	$ 32,083	$303,106
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9.	Total System Recoverable Expenses (Lines 7 + 8)		$15,892	$22,715	$24,020	$32,830	$42,002	$43,565	$44,704	$45,017	$44,802	$44,588	$44,373	$44,158	$448,667

Notes:

(a) Excludes Cost of Removal on the retirement of existing plant.
(b) The Gross-up factor for taxes is 1/.754782, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan. – Dec. 2021 is 5.1242% based on FPL's most recent financial forecast.
(c) The debt component is 1.2406% based on FPL's most recent financial forecast.
(d) Capital Costs on this schedule include Intangible plant which is amortized over various periods

Florida Power & Light Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Calculation of the Energy & Demand Allocation % By Rate Class

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
RATE CLASS	Avg 12 CP Load Factor at Meter (%)	Avg 12 GCP Load Factor at Meter (%)	Projected Sales at Meter (kWh)	Projected Avg 12 CP at Meter (kW)	Projected Avg 12 GCP at Meter (kW)	Demand Loss Expansion Factor	Projected Avg 12 CP at Generation (kW)	Projected Avg 12 GCP Demand at Generation (kW)	Percentage of 12 CP Demand at Generation (%)	Percentage of 12 GCP Demand at Generation (%)
RS1/RTR1	61.756%	59.072%	59,729,073,564	11,040,784	11,542,423	1.062274	11,728,341	12,261,220	57.14078%	57.90415%
GS1/GST1	61.000%	59.662%	6,506,168,667	1,217,559	1,244,876	1.062274	1,293,382	1,322,400	6.30139%	6.24509%
GSD1/GSDT1/HLFT1	70.568%	69.554%	27,339,372,990	4,422,592	4,487,060	1.062195	4,697,655	4,766,132	22.88709%	22.50827%
OS2	154.701%	15.348%	9,166,365	676	6,818	1.037280	702	7,072	0.00342%	0.03340%
GSLD1/GSLDT1/CS1/CST1/HLFT2	69.605%	66.528%	10,202,110,568	1,673,190	1,750,590	1.061387	1,775,902	1,858,052	8.65224%	8.77473%
GSLD2/GSLDT2/CS2/CST2/HLFT3	84.453%	81.681%	2,700,592,177	365,038	377,429	1.052348	384,147	397,187	1.87157%	1.87573%
GSLD3/GSLDT3/CS3/CST3	83.597%	0.000%	259,242,549	35,401	0	1.022227	36,188	0	0.17631%	0.00000%
SST1T	84.075%	0.000%	92,787,905	12,598	0	1.022227	12,879	0	0.06274%	0.00000%
SST1D1/SST1D2/SST1D3	52.653%	14.380%	1,849,941	401	1,469	1.045147	419	1,535	0.00204%	0.00725%
CILC D/CILC G	85.444%	84.136%	2,739,981,680	366,067	371,760	1.052161	385,161	391,152	1.87651%	1.84723%
CILC T	93.078%	0.000%	1,470,591,289	180,360	0	1.022227	184,369	0	0.89825%	0.00000%
MET	76.794%	68.401%	80,325,996	11,941	13,406	1.037280	12,386	13,906	0.06034%	0.06567%
OL1/SL1/SL1M/PL1	13,844.128%	48.912%	575,951,839	475	134,420	1.062274	504	142,791	0.00246%	0.67434%
SL2/SL2M/GSCU1	96.257%	94.339%	105,664,172	12,531	12,786	1.062274	13,312	13,582	0.06485%	0.06414%
Total			111,812,879,702	19,339,613	19,943,037		20,525,345	21,175,029	100.00000%	100.00000%

Notes:
(2) (3) avg 12 CP and GCP load factor based on projected 2021 load research data
(4) projected kWh sales for 2021
(5) (6) avg 12 CP and GCP KW based on projected 2021 load research data
(7) based on projected 2021 demand losses
(8) column 5 / column 7
(9) column 6 / column 7
(10) column 8 / total of column 8
(11) column 9 / total of column 9

Florida Power & Light Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2021 through December 2021

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Rate Class	Percentage of 12 CP Demand at Generation (%)	Percentage of GCP Demand at Generation (%)	12CP Demand Related Cost ($)	GCP Demand Related Cost ($)	Total SPPCRC Costs ($)	Projected Sales at Meter (kWh)	Billing KW Load Factor (%)	Projected Billed KW at Meter (kW)	SPP Factor ($/kW)	SPP Factor ($/kWh)	RDC ($/kW)	SDD ($/kW)
RS1/RTR1	57.14078%	57.90415%	$1,522,827	$23,610,004	$25,132,831	59,729,073,564				0.00042		
GS1/GST1	6.30139%	6.24509%	$167,935	$2,546,392	$2,714,327	6,506,168,667				0.00042		
GSD1/GSDT1/HLFT1/GSDEV	22.88709%	22.50827%	$609,951	$9,177,585	$9,787,536	27,339,372,990	51.93294%	72,114,537	0.14			
OS2	0.00342%	0.03340%	$91	$13,618	$13,709	9,166,365				0.00150		
GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1EV	8.65224%	8.77473%	$230,586	$3,577,835	$3,808,421	10,202,110,568	57.38509%	24,353,877	0.16			
GSLD2/GSLDT2/CS2/CST2/HLFT3	1.87157%	1.87573%	$49,878	$764,817	$814,695	2,700,592,177	66.01952%	5,603,557	0.15			
GSLD3/GSLDT3/CS3/CST3	0.17631%	0.00000%	$4,699	$0	$4,699	259,242,549	68.80148%	516,162	0.01			
SST1T	0.06274%	0.00000%	$1,672	$0	$1,672	92,787,905	14.79189%	859,300			0.02	0.01
SST1D1/SST1D2/SST1D3	0.00204%	0.00725%	$54	$2,955	$3,010	1,849,941	11.92716%	21,247			0.02	0.01
CILC D/CILC G	1.87651%	1.84723%	$50,010	$753,195	$803,205	2,739,981,680	71.04120%	5,283,413	0.15			
CILC T	0.89825%	0.00000%	$23,939	$0	$23,939	1,470,591,289	75.77028%	2,658,705	0.01			
MET	0.06034%	0.06567%	$1,608	$26,776	$28,384	80,325,996	55.87377%	196,936	0.14			
OL1/SL1/SL1M/PL1	0.00246%	0.67434%	$66	$274,956	$275,022	575,951,839				0.00048		
SL2/SL2M/GSCU1	0.06485%	0.06414%	$1,728	$26,154	$27,882	105,664,172				0.00026		
TOTAL			$2,665,044	$40,774,287	$43,439,331	111,812,879,702						

Notes:
(2) (3) avg 12 CP and GCP load factor based on projected 2021 load research data
(4) column 2 x total of column 4
(5) column 3 x total of column 5
(6) column 4 + column 5
(7) projected kWh sales for 2021
(8) (projected kWh sales / 8760 hours) / (avg customer NCP * 8760 hours)
(9) column 7 / (column 8 *730)
(10) column 6 / column 9
(11) column 6 / column 7
(12) (total of column 6/total of avg 12 CP at generation * 0.10 * rate demand loss expansion factor)/12
(13) ((total of column 6/total avg 12 CP at generation)/(21 * rate demand loss expansion factor))/12

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Program Title: Pole Inspections – Distribution Program

Description:

The Pole Inspections - Distribution Program included in the Storm Protection Plan ("SPP") is a continuation of Florida Power & Light Company's ("FPL") existing Florida Public Service Commission ("Commission") approved distribution pole inspection program. FPL's existing, Commission-approved distribution pole inspection program is an eight-year pole inspection cycle for all distribution poles that targets approximately 1/8 of the system annually (the actual number of poles inspected can vary somewhat from year to year). To ensure inspection coverage throughout its service territory, FPL established nine inspection zones (based on FPL's management areas and pole population) and annually performs pole inspections of approximately 1/8 of the distribution poles in each of these zones, as well as any necessary remediation as a result of such inspections. With approximately 1.2 million distribution poles as of year-end 2019, FPL expects to inspect approximately 150,000 poles annually (spread throughout its nine inspection zones) during the 2020-2029 SPP period.

The total estimated costs for the Pole Inspection – Distribution Program for the ten-year period of 2020-2029 is $605 million with an annual average cost of approximately $61 million, which is consistent with historical costs for the existing distribution pole inspection program.[1] A detailed description of the Pole Inspection – Distribution Program is provided in Section IV(A) of FPL's SPP filed in Docket No. 20200071.

[1] Note, the 2020-2029 program costs shown above are the projected costs estimated as of the April 10, 2020 filing date of FPL's 2020-20209 SPP, and subsequent projected and actual costs could vary. The projected, actual/estimated, and actual costs for the SPP programs will be addressed annually in FPL's Storm Protection Plan Cost Recovery Clause filings.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, FPL's SPP estimated approximately $54.5 million for the Pole Inspections - Distribution Program, which included approximately $50.7 million in capital costs and approximately $3.8 million in Operations & Maintenance ("O&M") expenses. As of the end of May 2020, the total spend for this program is $16.5 million, which includes $15.1 million in capital costs and $1.4 million in O&M expenses. FPL is not seeking to recover any 2020 costs associated with the Pole Inspections - Distribution Program through the Storm Protection Plan Cost Recovery Clause.

Progress Summary:

SPP Year 2020 – In its SPP, FPL projected the inspection of 150,000 distribution poles spread throughout its nine inspection zones. As of the end of May 2020, FPL completed approximately 57,418 pole inspections and is on track to complete the remaining 92,582 inspections for a total of 150,000 pole inspections by the end of 2020.

Projections:

SPP Year 2021 – For 2021, FPL projects it will inspect 150,000 distribution poles spread throughout its nine inspection zones. FPL estimates that it will incur approximately $57.9 million in 2021 for the Pole Inspections – Distribution Program, which includes approximately $33.6 million in capital expenditures, $20.5 million in cost of removal, and $3.8 million in O&M expenses. FPL is seeking to recover $33.6 million of capital expenditures for the Pole Inspections – Distribution Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures and cost of removal for this program will be recovered through base rates.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Program Title: Structures/Other Equipment Inspections – Transmission Program

Description:

The Structures/Other Equipment Inspections – Transmission Program included in the SPP is a continuation of FPL's existing Commission-approved transmission inspection program. The SPP will continue FPL's current, Commission-approved transmission inspection program which requires: (a) transmission circuits and substations and all associated hardware to be inspected on a six-year cycle; (b) wood structures to be inspected visually from the ground on an annual basis and conduct climbing or bucket truck inspections to be conducted on a six-year cycle; and (c) steel and concrete structures to be inspected visually on an annual basis and climbing or bucket truck inspections to be conducted on a ten-year cycle. FPL expects to inspect approximately 68,000 structures annually during the 2020-2029 SPP period.

The total estimated costs for the Structures/Other Equipment Inspections – Transmission Program for the ten-year period of 2020-2029 is $500 million with an annual average cost of approximately $50 million, which is consistent with historical costs for the existing transmission inspection program.[2] A detailed description of the Structures/Other Equipment Inspections – Transmission Program is provided in Section IV(B) of FPL's SPP filed in Docket No. 20200071.

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, FPL's SPP estimated approximately $35.8 million for the Structures/Other Equipment Inspections – Transmission Program, which included approximately $34.5 million in capital costs and approximately $1.3 million in O&M expenses. As of the end of May 2020, the total spend for this program is $16.5 million, which includes $16 million in capital costs and $0.5 million in O&M expenses. FPL is not

[2] See footnote 1.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

seeking to recover any 2020 costs associated with the Structures/Other Equipment Inspections – Transmission Program through the Storm Protection Plan Cost Recovery Clause.

Progress Summary:

SPP Year 2020 – In its SPP, FPL projected the inspection of 68,000 structures. As of the end of May 2020, FPL completed approximately 28,500 inspections and is on track to complete a total of 68,000 inspections by the end of 2020.

Projections:

SPP Year 2021 – For 2021, FPL projects it will inspect 68,000 structures. FPL estimates that it will incur approximately $32.2 million in 2021 for the Structures/Other Equipment Inspections – Transmission Program, which includes approximately $25.5 million in capital expenditures, $5.7 million in cost of removal, and $1.0 million in O&M expenses. FPL is seeking to recover $25.5 million of capital expenditures for the Structures/Other Equipment Inspections – Transmission Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures and cost of removal for this program will be recovered through base rates.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Program Title: Feeder Hardening (EWL) – Distribution Program

Description:

The Feeder Hardening (EWL) – Distribution Program included in the SPP is a continuation of FPL's existing Commission-approved approach to harden existing feeders and certain critical distribution poles, as well as FPL's initiative to design and construct new pole lines and major planned work to meet the National Electrical Safety Code's ("NESC") extreme wind loading criteria ("EWL"). During the period 2006-2019, FPL hardened over 1,300 existing feeders, the vast majority being Critical Infrastructure Function ("CIF") feeders (i.e., feeders that serve hospitals, 911 centers, police and fire stations, water treatment facilities, county emergency operation centers) and Community Project feeders (i.e., feeders that serve other key community needs like gas stations, grocery stores and pharmacies) throughout FPL's service territory. Additional feeders were hardened as a result of FPL's Priority Feeder Initiative, a reliability program that targeted feeders experiencing the highest number of interruptions and/or customers interrupted. FPL also applied EWL to the design and construction of new pole lines and major planned work, including pole line extensions and relocations and certain pole replacements.

FPL expects to harden approximately 250-350 feeders annually, with 100% of FPL's feeders expected to be hardened or underground by year-end 2024 and with the final costs of the program to be incurred in 2025. The total estimated costs for the Feeder Hardening (EWL) – Distribution Program for the period of 2020-2025 is $3,206 million with an annual average cost of approximately $534 million, which is consistent with historical costs for the existing distribution feeder hardening program.[3] A detailed description of the Feeder Hardening (EWL) – Distribution Program is provided in Section IV(C) of FPL's SPP filed in Docket No. 20200071.

[3] See footnote 1.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, FPL's SPP estimated approximately $628.1 million for the Feeder Hardening (EWL) – Distribution Program, which included approximately $628.1 million in capital costs and $0 in O&M expenses. As of the end of May 2020, the total spend for this program is $279.5 million, which includes $279.5 million in capital costs and $0 in O&M expenses. FPL is not seeking to recover any 2020 costs associated with the Feeder Hardening (EWL) – Distribution Program through the Storm Protection Plan Cost Recovery Clause.

Progress Summary:

SPP Year 2020 – In its SPP, FPL projected the hardening of 300-350 feeders. As of the end of May 2020, FPL completed the hardening of approximately 62 feeders and is on track to complete a total of 300-350 hardened feeders by the end of 2020.

Projections:

SPP Year 2021 – For 2021, FPL projects it will harden 300-350 feeders. FPL estimates that it will incur approximately $664.9 million in 2021 for the Feeder Hardening (EWL) – Distribution Program, which includes approximately $573.7 million in capital expenditures, $91.3 million in cost of removal, and $0 in O&M expenses. FPL is seeking to recover $573.7 million of capital expenditures for the Feeder Hardening (EWL) – Distribution Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures and cost of removal for this program will be recovered through base rates.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Program Title: Lateral Hardening (Undergrounding) – Distribution Program

Description:

The Lateral Hardening (Undergrounding) - Distribution Program included in the SPP is a continuation and expansion of FPL's existing three-year Storm Secure Underground Program Pilot ("SSUP Pilot") implemented in 2018. The SSUP Pilot is a program that targets certain overhead laterals that were impacted by recent storms and have a history of vegetation-related outages and other reliability issues for conversion from overhead to underground. As part of its proposed SPP, FPL will complete its existing three-year SSUP Pilot in 2020 and expand the application of the SSUP during 2021-2029 to the implementation of the system-wide Lateral Hardening (Undergrounding) – Distribution Program to provide the benefits of underground lateral hardening throughout its system.

By the end of 2020, the third and final year of the SSUP Pilot, FPL expects to have converted a total of 220-230 laterals from overhead to underground, which is consistent with the SSUP Pilot plan most recently approved in July 2019 in FPL's most recent storm hardening plan docket, Docket No. 20180144-EI. After completing the SSUP Pilot in 2020, FPL estimates that it will convert approximately 300-700 laterals annually in 2021-2023 and approximately 800-900 laterals annually in 2024-2029.

The total estimated costs for the Lateral Hardening (Undergrounding) - Distribution Program for the ten-year period of 2020-2029 is $5,101 million with an annual average cost of approximately $510 million.[4] A detailed description of the Lateral Hardening (Undergrounding) - Distribution Program is provided in Section IV(D) of FPL's SPP filed in Docket No. 20200071.

[4] See footnote 1.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, FPL's SPP estimated approximately $120.4 million for the Lateral Hardening (Undergrounding) - Distribution Program, which included approximately $120.4 million in capital costs and $0 in O&M expenses. As of the end of May 2020, the total spend for this program is $56.8 million, which includes $56.5 million in capital costs and $0.3 million in O&M expenses. FPL is not seeking to recover any 2020 costs associated with Lateral Hardening (Undergrounding) - Distribution Program through the Storm Protection Plan Cost Recovery Clause.

Progress Summary:

SPP Year 2020 – In its SPP, FPL projected the hardening of a total of 220-230 laterals in the third and final year of the SSUP Pilot. As of end the of May 2020, FPL completed the hardening of approximately 78 laterals and is on track to complete a total of 220-230 hardened/underground laterals by the end of 2020, the third and final year of the SSUP Pilot.

Projections:

SPP Year 2021 – For 2021, FPL projects it will harden 300-350 laterals. FPL estimates that it will incur approximately $212.5 million in 2021 for the Lateral Hardening (Undergrounding) - Distribution Program, which includes approximately $206.9 million in capital expenditures, $5.6 million in cost of removal, and $0 in O&M expenses. FPL is seeking to recover $206.9 million of capital expenditures for the Lateral Hardening (Undergrounding) - Distribution Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures and cost of removal for this program will be recovered through base rates.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Program Title: Wood Structures Hardening (Replacing) – Transmission Program

Description:

The Wood Structures Hardening (Replacing) – Transmission Program included in the SPP is a continuation of FPL's existing transmission hardening program to replace all wood transmission structures with steel or concrete structures. As of year-end 2019, 96% of FPL's transmission structures, system-wide, were steel or concrete, with less than 2,900 (or 4%) wood structures remaining to be replaced. FPL expects to replace the remaining wood transmission structures on its system by year-end 2022.

The total estimated costs for the Wood Structures Hardening (Replacing) – Transmission Program for the period of 2020-2022 is $118 million with an annual average cost of approximately $39 million, which is a decrease from the historical costs for the existing transmission hardening program.[5] A detailed description of the Wood Structures Hardening (Replacing) – Transmission Program is provided in Section IV(E) of FPL's SPP.

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, FPL's SPP estimated approximately $52.9 million for the Wood Structures Hardening (Replacing) – Transmission Program, which included approximately $52.7 million in capital costs and approximately $0.2 million in O&M expenses. As of the end of May 2020, the total spend for this program is $47.6 million, which includes $47.6 million in capital costs and $0 in O&M expenses. FPL is not seeking to recover any 2020 costs associated with the Wood Structures Hardening (Replacing) – Transmission Program through the Storm Protection Plan Cost Recovery Clause.

[5] See footnote 1.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Progress Summary:

SPP Year 2020 – In its SPP, FPL projected the replacement of 900-1,100 wood structures. As of the end of May 2020, FPL completed the replacement of approximately 314 wood structures and is on track to complete a total of 900-1,100 wood structure replacements by the end of 2020.

Projections:

SPP Year 2021 – For 2021, FPL projects it will replace 500-700 wood structures. FPL estimates that it will incur approximately $42.9 million in 2021 for the Wood Structures Hardening (Replacing) – Transmission Program, which includes approximately $38.6 million in capital expenditures, $4.1 million in cost of removal, and $0.2 million in O&M expenses. FPL is seeking to recover $38.6 million of capital expenditures for the Wood Structures Hardening (Replacing) – Transmission Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures and cost of removal for this program will be recovered through base rates.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Program Title: Vegetation Management – Distribution Program

Description:

The Vegetation Management – Distribution Program included in the SPP is a continuation of FPL's existing, Commission-approved distribution vegetation management program. FPL's currently-approved distribution vegetation program, includes the following system-wide vegetation management activities: three-year cycle for feeders; mid-year cycle targeted trimming for certain feeders; six-year cycle for laterals; and continued education of customers through its Right Tree, Right Place initiative. Under the SPP, FPL plans to trim, on average, approximately 15,200 miles annually, including approximately 11,400 miles for feeders (cycle and mid-cycle) and 3,800 miles for laterals, which is consistent with the historic miles trimmed annually for 2017-2019.

The total estimated costs for the Vegetation Management – Distribution Program for the ten-year period of 2020-2029 is $596 million with an annual average cost of approximately $60 million, which is consistent with historical costs for the existing distribution vegetation management program.[6] A detailed description of the Vegetation Management – Distribution Program is provided in Section IV(G) of FPL's SPP filed in Docket No. 20200071.

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, FPL's SPP estimated approximately $61.1 million for the Vegetation Management – Distribution Program, which included $0 in capital costs and approximately $61.1 million in O&M expenses. As of the end of May 2020, the total spend for this program is $30.6 million, which includes $0 in capital costs and $30.6 million in O&M expenses. FPL is not seeking to recover any 2020 costs associated with

[6] See footnote 1.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

the Vegetation Management – Distribution Program through the Storm Protection Plan Cost Recovery Clause.

Progress Summary:

SPP Year 2020 – In its SPP, FPL projected 15,200 miles of vegetation maintenance. As of the end of May 2020, FPL completed approximately 7,018 miles of vegetation maintenance and is on track to complete a total of 15,000 miles by the end of 2020.

Projections:

SPP Year 2021 – For 2021, FPL projects it will complete 15,200 miles of vegetation maintenance. FPL estimates that it will incur approximately $61.3 million in O&M expense and $0 in capital expenditures in 2021 for the Vegetation Management – Distribution Program. FPL is not seeking recovery of the 2021 costs for the Vegetation Management – Distribution Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures for this program will be recovered through base rates.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Program Title: Vegetation Management – Transmission Program

Description:

The Vegetation Management – Transmission Program included in the SPP is a continuation of FPL's existing transmission vegetation management program. The key elements of FPL's transmission vegetation management program are to inspect the transmission right-of-ways, document vegetation inspection results and findings, prescribe a work plan, and execute the work plan. In its SPP, FPL will continue its current transmission vegetation management plan, which includes visual and aerial inspections of all transmission line corridors, Light Detection and Ranging ("LiDAR") inspections of North American Electric Reliability Corporation's ("NERC") transmission line corridors, developing and executing annual work plans to address identified vegetation conditions, and identifying and addressing priority and hazard tree conditions prior to and during storm season. Under the SPP, FPL plans to inspect and maintain, on average, approximately 7,000 miles of transmission lines annually, including approximately 4,300 miles for NERC transmission line corridors and 2,700 miles for non-NERC transmission line corridors. This is comparable to the approximately 7,000 miles inspected and maintained annually, on average for 2017-2019.

The total estimated costs for the Vegetation Management – Transmission Program for the ten-year period of 2020-2029 is $96 million with an annual average cost of approximately $10 million, which is consistent with historical costs for the existing transmission vegetation management program.[7] A detailed description of the Vegetation Management – Transmission Program is provided in Section IV(H) of FPL's SPP filed in Docket No. 20200071.

[7] See footnote 1.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, FPL's SPP estimated approximately $9.0 million for the Vegetation Management – Transmission Program, which included $0 in capital costs and approximately $9.0 million in O&M expenses. As of the end of May 2020, the total spend for this program is $3.8 million, which includes $0 in capital costs and $3.8 million in O&M expenses. FPL is not seeking to recover any 2020 costs associated with the Vegetation Management – Transmission Program through the Storm Protection Plan Cost Recovery Clause.

Progress Summary:

SPP Year 2020 – In its SPP, FPL projected 7,000 miles of vegetation maintenance. As of the end of May 2020, FPL completed approximately 2,660 miles of vegetation maintenance and is on track to complete a total of 7,000 miles by the end of 2020.

Projections:

SPP Year 2021 – For 2021, FPL projects it will complete 7,000 miles of vegetation maintenance. FPL estimates that it will incur approximately $8.9 million in O&M expense and $0 in capital expenditures in 2021 for the Vegetation Management – Transmission Program. FPL is not seeking recovery of the 2021 costs for the Vegetation Management – Transmission Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures for this program will be recovered through base rates.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Program Title: **Substation Storm Surge/Flood Mitigation Program**

Description:

The Substation Storm Surge/Flood Mitigation Program is a new program to mitigate damage at several targeted substations that are susceptible to storm surge and flooding during extreme weather events. To prevent/mitigate future substation equipment damage and customer outages due to storm surge and flooding, the Storm Surge/Flood Mitigation Program will raise the equipment at certain substations above the flood level and construct flood protection walls around other substations to prevent/mitigate future damage due to storm surge and flooding. At this time, FPL has identified between 8-10 substations where it initially plans to implement storm surge/flood mitigation measures over the next three years (2020-2022).

The total estimated costs for the new Substation Storm Surge/Flood Mitigation over this three-year period is approximately $23 million with an annual average cost of approximately $8 million per year.[8] A detailed description of the Substation Storm Surge/Flood Mitigation Program is provided in Section IV(F) of FPL's SPP filed in Docket No. 20200071.

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, FPL's SPP estimated approximately $3.0 million for the Substation Storm Surge/Flood Mitigation Program, which included approximately $3.0 million in capital costs and $0 in O&M expenses. As of the end of May 2020, the total spend for this program is $0. FPL is not seeking to recover any 2020 costs associated with the Substation Storm Surge/Flood Mitigation Program through the Storm Protection Plan Cost Recovery Clause.

[8] See footnote 1.

FORM: 6P

FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS REPORT

Progress Summary:

SPP Year 2020 – In its SPP, FPL projected to begin the flood mitigation construction of 1 substation in 2020, which is projected to be completed in 2021. As of the end of May 2020, FPL is on track to complete the flood mitigation at this substation plan by end of 2021.

Projections:

SPP Year 2021 – For 2021, FPL projects it will initiate flood mitigation construction of 2 substations. FPL estimates that it will incur approximately $10.0 million in 2021 for the Substation Storm Surge/Flood Mitigation Program, which includes approximately $8.3 million in capital expenditures, $1.7 million in cost of removal, and $0 in O&M expenses. FPL is seeking to recover $8.3 million of capital expenditures for the Substation Storm Surge/Flood Mitigation Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures and cost of removal for this program will be recovered through base rates.

FLORIDA POWER & LIGHT COMPANY
FORECASTED 2021
CAPITAL STRUCTURE AND COST RATES [a]
Equity @ 10.55%

	ADJUSTED RETAIL	RATIO	MIDPOINT COST RATES	WEIGHTED COST	PRE-TAX WEIGHTED COST
LONG_TERM_DEBT	14,422,813,072	30.730%	3.86%	1.1856%	1.19%
SHORT_TERM_DEBT	699,416,366	1.490%	0.75%	0.0112%	0.01%
PREFERRED_STOCK	0	0.000%	0.00%	0.0000%	0.00%
CUSTOMER_DEPOSITS	417,807,033	0.890%	2.04%	0.0182%	0.02%
COMMON_EQUITY [b]	22,313,469,981	47.543%	10.55%	5.0158%	6.65%
DEFERRED_INCOME_TAX	8,285,651,758	17.654%	0.00%	0.0000%	0.00%
INVESTMENT_TAX_CREDITS					
ZERO COST	0	0.000%	0.00%	0.0000%	0.00%
WEIGHTED COST	794,379,656	1.693%	7.92%	0.1341%	0.17%
TOTAL	$46,933,537,866	100.00%		6.3648%	8.03%

CALCULATION OF THE WEIGHTED COST FOR CONVERTIBLE INVESTMENT TAX CREDITS (C-ITC) [c]

	ADJUSTED RETAIL	RATIO	COST RATE	WEIGHTED COST	PRE TAX COST
LONG TERM DEBT	$14,422,813,072	39.26%	3.858%	1.515%	1.515%
PREFERRED STOCK	0	0.00%	0.000%	0.000%	0.000%
COMMON EQUITY	22,313,469,981	60.74%	10.550%	6.408%	8.490%
TOTAL	$36,736,283,053	100.00%		7.923%	10.005%
RATIO					

DEBT COMPONENTS:	
LONG TERM DEBT	1.1856%
SHORT TERM DEBT	0.0112%
CUSTOMER DEPOSITS	0.0182%
TAX CREDITS -WEIGHTED	0.0256%
TOTAL DEBT	**1.2406%**
EQUITY COMPONENTS:	
PREFERRED STOCK	0.0000%
COMMON EQUITY	5.0158%
TAX CREDITS -WEIGHTED	0.1085%
TOTAL EQUITY	**5.1242%**
TOTAL	6.3648%
PRE-TAX EQUITY	6.7890%
PRE-TAX TOTAL	8.0296%

Note:

(a) Forecasted capital structure includes a deferred income tax proration adjustment consistent with FPSC Order No. PSC-2020-0165-PAA-EU, Docket No. 20200118-EU.
(b) Cost rate for common equity represents FPL's mid-point return on equity approved by the FPSC in Order No. PSC-16-0560-AS-EI, Docket Nos. 160021-EI, 160061-EI, 160062-EI, and 160088-EI.

(c) This capital structure applies only to Convertible Investment Tax Credit (C-ITC)

Exhibit RBD-1 Appendix 2

FPL - 2021 PROJECTED SEPARATION FACTORS

	SUMMARY
DEMAND	
E101 - Transmission	0.902300
E104 - Distribution	1.000000
GENERAL PLANT	
I900 - LABOR	0.969888

FLORIDA POWER & LIGHT
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E101 - TRANSMISSION: 12CP Demand
December 2021 - PROJECTED (Dec 2019 LF)

RATE CLASS	12 CP - KW	VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW				% OF TOTAL	
	@ METER	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	351,746	0.0000	0.4203	0.5797	1.0222	1.0373	1.0623	0	153,357	216,599	369,956	1.6263%	1.8024%
CILC-1G	14,320	0.0000	0.0194	0.9806	1.0222	1.0373	1.0623	0	288	14,917	15,205	0.0668%	0.0741%
CILC-1T	180,360	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	184,369	0	0	184,369	0.8105%	0.8983%
GS(T)-1	1,217,559	0.0000	0.0000	1.0000	1.0222	1.0373	1.0623	0	0	1,293,382	1,293,382	5.6857%	6.3014%
GSCU-1	9,254	0.0000	0.0000	1.0000	1.0222	1.0373	1.0623	0	0	9,830	9,830	0.0432%	0.0479%
GSD(T)-1	4,422,592	0.0000	0.0032	0.9968	1.0222	1.0373	1.0623	0	14,571	4,683,084	4,697,655	20.6510%	22.8871%
GSLD(T)-1	1,673,190	0.0000	0.0355	0.9645	1.0222	1.0373	1.0623	0	61,649	1,714,253	1,775,902	7.8069%	8.6522%
GSLD(T)-2	365,038	0.0000	0.3971	0.6029	1.0222	1.0373	1.0623	0	150,372	233,775	384,147	1.6887%	1.8716%
GSLD(T)-3	35,401	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	36,188	0	0	36,188	0.1591%	0.1763%
MET	11,941	0.0000	1.0000	0.0000	1.0222	1.0373	1.0623	0	12,386	0	12,386	0.0544%	0.0603%
OL-1	68	0.0000	0.0000	1.0000	1.0222	1.0373	1.0623	0	0	72	72	0.0003%	0.0004%
OS-2	676	0.0000	1.0000	0.0000	1.0222	1.0373	1.0623	0	702	0	702	0.0031%	0.0034%
RS(T)-1	11,040,784	0.0000	0.0000	1.0000	1.0222	1.0373	1.0623	0	0	11,728,341	11,728,341	51.5581%	57.1408%
SL-1	352	0.0000	0.0000	1.0000	1.0222	1.0373	1.0623	0	0	374	374	0.0016%	0.0018%
SL-1M	55	0.0000	0.0000	1.0000	1.0222	1.0373	1.0623	0	0	59	59	0.0003%	0.0003%
SL-2	3,137	0.0000	0.0000	1.0000	1.0222	1.0373	1.0623	0	0	3,333	3,333	0.0147%	0.0162%
SL-2M	140	0.0000	0.0000	1.0000	1.0222	1.0373	1.0623	0	0	149	149	0.0007%	0.0007%
SST-DST	401	0.0000	0.6852	0.3148	1.0222	1.0373	1.0623	0	285	134	419	0.0018%	0.0020%
SST-TST	12,598	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	12,879	0	0	12,879	0.0566%	0.0627%
TOTAL RETAIL	19,339,613							233,435	393,609	19,898,301	20,525,345	90.2300%	100.0000%
FKEC	126,237	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	129,043	0	0	129,043	0.5673%	
FPUC (INT)	12,761	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	13,045	0	0	13,045	0.0573%	
FPUC (PEAK)	9,820	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	10,038	0	0	10,038	0.0441%	
HOMESTEAD	3,261	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	3,333	0	0	3,333	0.0147%	
HOMESTEAD (INT)	8,315	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	8,500	0	0	8,500	0.0374%	
LCEC	762,210	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	779,152	0	0	779,152	3.4252%	
MOORE HAVEN	571	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	583	0	0	583	0.0026%	
NEW SMYRNA BCH	7,337	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	7,500	0	0	7,500	0.0330%	
NEW SMYRNA BEACH (INT)	2,446	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	2,500	0	0	2,500	0.0110%	
NEW SMYRNA BCH (PEAK)	3,261	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	3,333	0	0	3,333	0.0147%	
QUINCY	3,098	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	3,167	0	0	3,167	0.0139%	
SEMINOLE (INT)	81,521	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	83,333	0	0	83,333	0.3663%	
WAUCHULA	1,875	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	1,917	0	0	1,917	0.0084%	
TRANS-SERV	1,151,427	1.0000	0.0000	0.0000	1.0222	1.0373	1.0623	1,177,020	0	0	1,177,020	5.1742%	
TOTAL WHOLESALE	2,174,139							2,222,464	0	0	2,222,464	9.7700%	
TOTAL FPL	21,513,752							2,455,899	393,609	19,898,301	22,747,809	100.0000%	
JURIS SEPARATION FACTOR												**0.902300**	

FLORIDA POWER & LIGHT
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E104 - DISTRIBUTION: Group Non-Coincident Peak (GNCP) Demand
December 2021 - PROJECTED (Dec 2019 LF)

RATE CLASS	MAX GNCP			VOLTAGE LEVEL % - DEMAND		LOSS EXPANSION FACTORS		MAX GNCP @ GENERATION			% OF TOTAL	
	@ METER	ADJ	ADJUSTED	PRIMARY	SECOND	PRIMARY	SECOND	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	381,582	0	381,582	0.4203	0.5797	1.0373	1.0623	166,365	234,971	401,336	1.5990%	1.5990%
CILC-1G	16,072	0	16,072	0.0194	0.9806	1.0373	1.0623	323	16,742	17,065	0.0680%	0.0680%
CILC-1T	210,921	(210,921)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	0.0000%
GS(T)-1	1,432,038	0	1,432,038	0.0000	1.0000	1.0373	1.0623	0	1,521,218	1,521,218	6.0606%	6.0606%
GSCU-1	10,078	0	10,078	0.0000	1.0000	1.0373	1.0623	0	10,706	10,706	0.0427%	0.0427%
GSD(T)-1	4,999,674	0	4,999,674	0.0032	0.9968	1.0373	1.0623	16,473	5,294,156	5,310,629	21.1579%	21.1579%
GSLD(T)-1	1,986,886	0	1,986,886	0.0355	0.9645	1.0373	1.0623	73,207	2,035,647	2,108,854	8.4018%	8.4018%
GSLD(T)-2	423,490	0	423,490	0.3971	0.6029	1.0373	1.0623	174,450	271,209	445,659	1.7755%	1.7755%
GSLD(T)-3	42,860	(42,860)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	0.0000%
MET	14,644	0	14,644	1.0000	0.0000	1.0373	1.0623	15,189	0	15,189	0.0605%	0.0605%
OL-1	25,140	0	25,140	0.0000	1.0000	1.0373	1.0623	0	26,706	26,706	0.1064%	0.1064%
OS-2	8,295	0	8,295	1.0000	0.0000	1.0373	1.0623	8,604	0	8,604	0.0343%	0.0343%
RS(T)-1	14,201,390	0	14,201,390	0.0000	1.0000	1.0373	1.0623	0	15,085,772	15,085,772	60.1027%	60.1027%
SL-1	127,448	0	127,448	0.0000	1.0000	1.0373	1.0623	0	135,385	135,385	0.5394%	0.5394%
SL-1M	2,340	0	2,340	0.0000	1.0000	1.0373	1.0623	0	2,486	2,486	0.0099%	0.0099%
SL-2	3,376	0	3,376	0.0000	1.0000	1.0373	1.0623	0	3,586	3,586	0.0143%	0.0143%
SL-2M	268	0	268	0.0000	1.0000	1.0373	1.0623	0	284	284	0.0011%	0.0011%
SST-DST	6,217	0	6,217	0.6852	0.3148	1.0373	1.0623	4,419	2,079	6,498	0.0259%	0.0259%
SST-TST	71,558	(71,558)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	0.0000%
TOTAL RETAIL	23,964,276	(325,339)	23,638,937					459,030	24,640,946	25,099,976	100.0000%	100.0000%
FKEC	154,278	(154,278)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	
FPUC (INT)	14,001	(14,001)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	
FPUC (PEAK)	33,469	(33,469)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	
HOMESTEAD	25,001	(25,001)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	
HOMESTEAD (INT)	51,001	(51,001)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	
LCEC	1,012,512	(1,012,512)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	
MOORE HAVEN	4,001	(4,001)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	
NEW SMYRNA BCH	45,001	(45,001)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	
NEW SMYRNA BEACH (INT)	20,001	(20,001)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	
NEW SMYRNA BCH (PEAK)	20,001	(20,001)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	
QUINCY	19,001	(19,001)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	
SEMINOLE (INT)	200,001	(200,001)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	
WAUCHULA	14,001	(14,001)	0	0.0000	0.0000	1.0373	1.0623	0	0	0	0.0000%	
TOTAL WHOLESALE	1,612,269	(1,612,269)	0					0	0	0	0.0000%	
TOTAL FPL	25,576,545	(1,937,608)	23,638,937					459,030	24,640,946	25,099,976	100.0000%	
JURIS SEPARATION FACTOR											**1.000000**	

FLORIDA POWER & LIGHT
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
SEP - Internals Based on Externals (B2S)
December 2021 - PROJECTED (Dec 2019 LF)

SEP - INTERNAL FACTORS BASED ON EXTERNAL FACTORS	ALLOCATOR(S)	COMPANY PER BOOKS	SEPARATION FACTOR	JURISDICTIONAL	INTERNAL SEPARATION FACTOR
I900-LABOR-EXC-A&G					
L_INC100000 - STEAM O&M PAY - OPERAT SUPERV & ENG	BLENDED	1,147,178.18	0.955397	1,096,010.93	
L_INC101210 - STEAM O&M PAY - FUEL - NON RECOVERABLE OIL	BLENDED	167,219.99	0.952802	159,327.48	
L_INC102000 - STEAM O&M PAY - STEAM EXPENSES	BLENDED	598,893.50	0.956249	572,691.59	
L_INC105000 - STEAM O&M PAY - ELECTRIC EXPENSES	BLENDED	478,249.34	0.954503	456,490.19	
L_INC106000 - STEAM O&M PAY - MISC STEAM POWER EXPENSES	BLENDED	5,761,012.02	0.953711	5,494,339.08	
L_INC110000 - STEAM O&M PAY - MAINT SUPERV & ENG	BLENDED	605,092.15	0.955914	578,415.90	
L_INC111000 - STEAM O&M PAY - MAINT OF STRUCTURES	BLENDED	1,319,446.70	0.953439	1,258,011.63	
L_INC112000 - STEAM O&M PAY - MAINT OF BOILER PLANT	BLENDED	1,922,239.13	0.955373	1,836,455.69	
L_INC113000 - STEAM O&M PAY - MAINT OF ELECTRIC PLANT	BLENDED	989,722.79	0.952962	943,168.49	
L_INC114000 - STEAM O&M PAY - MAINT OF MISC STEAM PLT	BLENDED	525,536.28	0.953780	501,246.12	
L_INC117000 - NUCLEAR O&M PAY - OPER SUPERV & ENG	E102NS	39,165,056.11	0.957097	37,484,775.04	
L_INC119000 - NUCLEAR O&M PAY - COOLANTS AND WATER	E102NS	4,386,699.37	0.956891	4,197,592.18	
L_INC120000 - NUCLEAR O&M PAY - STEAM EXPENSES	E102NS	44,137,818.52	0.956891	42,235,071.66	
L_INC123000 - NUCLEAR O&M PAY - ELECTRIC EXP	E102NS	376.85	0.956891	360.60	
L_INC124000 - NUCLEAR O&M PAY - MISC NUCLEAR POWER EXP	E102NS	34,409,745.69	0.956891	32,926,368.44	
L_INC128000 - NUCLEAR O&M PAY - MAINT SUPERVISION & ENGINEERING	E202NS	39,200,661.09	0.956788	37,506,714.34	
L_INC129000 - NUCLEAR O&M PAY - MAINT OF STRUCTURES	E102NS	48,658.53	0.956891	46,560.90	
L_INC130000 - NUCLEAR O&M PAY - MAINT OF REACTOR PLANT	E201	132,730.24	0.956788	126,994.68	
L_INC131000 - NUCLEAR O&M PAY - MAINT OF ELECTRIC PLANT	E201	740,043.79	0.956877	708,131.00	
L_INC132000 - NUCLEAR O&M PAY - MAINT OF MISC NUCLEAR PLANT	E201	5,759.69	0.956788	5,510.80	
L_INC146000 - OTH PWR O&M PAY - OPERAT SUPERV & ENG	BLENDED	12,409,546.18	0.951193	11,803,876.11	
L_INC147200 - OTH PWR O&M PAY - FUEL N- RECOV EMISSIONS FEE	E203INT	3,151,294.58	0.952021	3,000,097.40	
L_INC148000 - OTH PWR O&M PAY- GENERATION EXPENSES	BLENDED	8,873,470.21	0.950224	8,431,788.00	
L_INC149000 - OTH PWR O&M PAY - MISC OTHER POWER GENERATION EXPEN	BLENDED	16,351,473.57	0.950649	15,544,510.77	
L_INC151000 - OTH PWR O&M PAY - MAINT SUPERV & ENG	BLENDED	5,687,089.80	0.950794	5,407,253.26	
L_INC152000 - OTH PWR O&M PAY - MAINT OF STRUCTURES	BLENDED	5,975,427.19	0.950201	5,677,856.48	
L_INC153000 - OTH PWR O&M PAY - MAINT GENERATING & ELECTRIC PLANT	BLENDED	20,934,011.09	0.950258	19,892,712.79	
L_INC154000 - OTH PWR O&M PAY - MAINT MISC OTHER PWR GENERAT	BLENDED	3,782,572.64	0.950257	3,594,416.03	
L_INC156000 - OTH PWR O&M PAY - SYSTEM CONTROL & LOAD DISPATCH	E103INT	808,421.13	0.950081	768,065.80	
L_INC157000 - OTH PWR O&M PAY - OTHER EXPENSES LOC 955	E103INT	1,811,998.86	0.950081	1,721,546.24	
L_INC260010 - TRANS O&M PAY - OPERATION SUPERV & ENGINEERING	E101	4,731,091.68	0.902300	4,268,863.39	
L_INC261000 - TRANS O&M PAY - LOAD DISPATCHING	E101	2,919,935.27	0.902300	2,634,657.20	
L_INC262000 - TRANS O&M PAY - STATION EXPENSES	E101	268,504.32	0.902300	242,271.41	
L_INC263000 - TRANS O&M PAY - OVERHEAD LINE EXPENSES	E101	64,220.91	0.902300	57,946.51	
L_INC266000 - TRANS O&M PAY - MISC TRANSMISSION EXPENSES	E101	2,919,880.82	0.902300	2,634,608.08	
L_INC267000 - TRANS O&M - RENTS	E101				
L_INC268010 - TRANS O&M PAY - MAINT SUPERV & ENG	E101	903,249.89	0.902300	815,002.26	
L_INC269000 - TRANS O&M PAY - MAINT OF STRUCTURES	E101	2,345,258.74	0.902300	2,116,126.65	
L_INC270000 - TRANS O&M PAY - MAINT OF STATION EQ	E101	1,629,500.36	0.902300	1,470,297.96	
L_INC271000 - TRANS O&M PAY - MAINT OF OVERHEAD LINES	E101	1,387,714.48	0.902300	1,252,134.59	
L_INC272000 - TRANS O&M PAY - MAINT UNDERGROUND LINES	E101	18,562.68	0.902300	16,749.10	
L_INC273000 - TRANS O&M PAY - MAINT OF MISC TRANS PLANT	E101				
L_INC380000 - DIST O&M PAY - OPERATION SUPERVISION AND ENGINEERING	E104	11,618,950.51	1.000000	11,618,950.51	
L_INC381000 - DIST O&M PAY - LOAD DISPATCHING	E104				
L_INC382000 - DIST O&M PAY - SUBSTATION EXPENSES	E104	616,954.80	1.000000	616,954.80	
L_INC383000 - DIST O&M PAY - OVERHEAD LINE EXPENSES	I365T	3,608,330.73	1.000000	3,608,330.73	
L_INC384000 - DIST O&M PAY - UNDERGROUND LINE EXP	I367T	1,332,549.90	1.000000	1,332,549.90	
L_INC385000 - DIST O&M PAY - STREET LIGHTING AND SIGNAL SYSTEM EXPEN	E508	185,707.33	1.000000	185,707.33	
L_INC386000 - DIST O&M PAY - METER EXPENSES	E325	9,015,012.38	0.996099	8,979,847.56	
L_INC387000 - DIST O&M PAY - CUSTOMER INSTALLATIONS EXP	E309	728,886.16	1.000000	728,886.16	
L_INC388000 - DIST O&M PAY - MISC DISTRIBUTION EXPENSES	E104	28,506,232.92	1.000000	28,506,232.92	
L_INC389000 - DIST O&M - RENTS	E104				
L_INC390000 - DIST O&M PAY - MAINT SUPERV & ENG	E104	15,849,141.15	1.000000	15,849,141.15	
L_INC391000 - DIST O&M PAY - MAINT OF STRUCTURES	E104	29,858.01	1.000000	29,858.01	
L_INC392000 - DIST O&M PAY - MAINT OF STATION EQ	E104	2,689,213.41	1.000000	2,689,213.41	
L_INC393000 - DIST O&M PAY - MAINT OF OVERHEAD LINES	I365T	25,504,837.31	1.000000	25,504,837.31	
L_INC394000 - DIST O&M PAY - MAINT UNDERGROUND LINES	I367T	11,391,291.41	1.000000	11,391,291.41	
L_INC395000 - DIST O&M PAY - MAINT OF LINE TRANSFORMERS	E104	24,345.33	1.000000	24,345.33	
L_INC396000 - DIST O&M PAY - MAINT OF STREET LIGHTING & SIGNAL SYSTEM	E508	4,222,133.97	1.000000	4,222,133.97	
L_INC397000 - DIST O&M PAY - MAINT OF METERS	E325	2,737,925.21	0.996099	2,727,245.39	
L_INC398000 - DIST O&M PAY - MAINT OF MISC DISTRI PLT	E104	617,369.49	1.000000	617,369.49	
L_INC401000 - CUST ACCT O&M PAY - SUPERVISION	I540	5,049,612.81	0.999993	5,049,576.33	
L_INC402000 - CUST ACCT O&M PAY - METER READING EXP	E330	3,360,791.16	0.999656	3,359,635.75	
L_INC403000 - CUST ACCT O&M PAY - CUST REC & COLLECT	E356	33,500,296.35	1.000000	33,500,296.35	
L_INC404000 - CUST ACCT EXP - UNCOLLECTIBLE ACCOUNTS	E205				
L_INC405000 - CUST ACCT O&M PAY - MISC CUSTOMER ACCOUNTS EXPENSES	E355				
L_INC407000 - CUST SERV & INFO PAY - SUPERVISION	E356	550,288.21	1.000000	550,288.21	
L_INC408000 - CUST SERV & INFO PAY - CUST ASSIST EXP	E356	1,692,901.63	1.000000	1,692,901.63	

FLORIDA POWER & LIGHT
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
SEP - Internals Based on Externals (B2S)
December 2021 - PROJECTED (Dec 2019 LF)

SEP - INTERNAL FACTORS BASED ON EXTERNAL FACTORS	ALLOCATOR(S)	COMPANY PER BOOKS	SEPARATION FACTOR	JURISDICTIONAL	INTERNAL SEPARATION FACTOR
L_INC409000 - CUST SERV & INFO PAY - INFO & INST ADV - GENERAL	E355				
L_INC410000 - CUST SERV & INFO PAY - MISC CUST SERV & INF	E356	4,778,271.44	1.000000	4,778,271.44	
L_INC411000 - SUPERVISION-SALES EXPENSES	E356				
L_INC510000 - DEMONSTRATING AND SELLING EXPENSES	E356				
L_INC516000 - MISC AND SELLING EXPENSES	E356	603,279.45	1.000000	603,279.45	
Total I900-LABOR-EXC-A&G		440,929,545.43		427,652,161.32	**0.969888**

Exhibit RBD-1 Appendix 3

Florida Power & Light Company
Storm Protection Plan - Allocation of Implementation Costs

(in Dollars)

	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December
Distribution Programs Plant In Service												
Feeder Hardening - Distribution	$12,607,078	$33,952,406	$63,000,487	$98,742,779	$138,648,616	$180,179,592	$222,272,212	$265,928,734	$311,301,283	$358,971,523	$406,467,044	$453,338,144
Pole Inspections - Distribution	$785,317	$2,135,794	$3,892,991	$5,942,888	$8,203,428	$10,615,559	$13,136,783	$15,736,517	$18,392,751	$21,089,646	$23,815,803	$26,563,018
Substation Storm Surge/Flood Mitigation	$232,685	$865,507	$1,786,292	$2,681,625	$3,558,643	$4,189,795	$4,644,008	$4,970,886	$5,322,468	$5,808,171	$6,390,396	$6,925,740
Vegetation Management - Distribution	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Lateral Hardening (Undergrounding) Distribution	$3,558,516	$9,678,273	$19,246,635	$33,528,139	$49,595,215	$64,715,961	$79,155,676	$95,024,081	$111,920,655	$131,425,894	$149,020,939	$165,240,959
Total Distribution Programs Plant In Service	$17,183,597	$46,631,980	$87,926,405	$140,895,431	$200,005,902	$259,700,907	$319,208,679	$381,660,218	$446,937,156	$517,295,234	$585,694,181	$652,067,861
Distribution Average Plant In Service	$304,600,629											
Transmission Programs Plant In Service												
Structures/Other Equipment Inspections Transmission	$307,015	$614,031	$921,046	$1,228,062	$1,535,077	$1,842,092	$2,149,108	$2,456,123	$2,763,139	$3,070,154	$3,377,169	$3,684,185
Wood Structures Hardening (Replacing) Transmission	$467,750	$1,488,628	$3,022,532	$5,023,049	$7,333,996	$9,829,544	$12,447,244	$15,198,570	$18,095,854	$21,093,630	$24,155,839	$27,182,568
Vegetation Management - Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Transmission Programs Plant In Service	$774,765	$2,102,659	$3,943,578	$6,251,111	$8,869,073	$11,671,636	$14,596,352	$17,654,693	$20,858,993	$24,163,784	$27,533,008	$30,866,753
Transmission Average Plant In Service	$14,107,200											
Total Average Plant In Service	$318,707,830											
Implementation Cost Allocated to Distribution %	95.57%											
Implementation Cost Allocated to Transmission %	4.43%											

Docket No. 20200092-EI
Appendix 3 - Allocation of Implementation Costs
Exhibit RBD-1, Page 1 of 1

Exhibit MS-1

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 8
PARTY: GULF POWER COMPANY – (DIRECT)
DESCRIPTION: Michael Spoor MS-1

Gulf Power®

Storm Protection Plan

2020-2029

(Rule 25-6.030, F.A.C.)

Docket No. 20200070-EI

April 10, 2020

TABLE OF CONTENTS

I. Executive Summary 1

II. The 2020-2029 SPP Will Strengthen Gulf's Infrastructure to Withstand Extreme Weather Conditions and Will Reduce Restoration Costs and Outage Times 3

III. Description of Service Area and T&D Facilities 4

IV. Proposed 2020-2029 SPP Programs 5

A. Distribution Inspection Program 5

1. Description of the Program and Benefits 5
2. Actual/Estimated Start and Completion Dates 8
3. Cost Estimates 9
4. Comparison of Costs and Benefits 9
5. Criteria used to Select and Prioritze Programs 10

B. Transmission Inspection Program 10

1. Description of the Program and Benefits 10
2. Estimated Start and Completion Dates 12
3. Cost Estimates 12
4. Comparison of Costs and Benefits 13
5. Criteria used to Select and Prioritze Programs 13

C. Distribution Feeder Hardening Program 14

1. Description of the Program and Benefits 14
2. Estimated Start and Completion Dates 18
3. Cost Estimates 18
4. Comparison of Costs and Benefits 19
5. Criteria used to Select and Prioritize Programs 19

D. Distribution Hardening – Lateral Undergrounding Program 19

1. Description of the Program and Benefits 19
2. Estimated Start and Completion Dates 21
3. Cost Estimates 21
4. Comparison of Costs and Benefits 22
5. Criteria used to Select and Prioritze Programs 22

E. Transmission Hardening Program 23

1. Description of the Program and Benefits 23
2. Estimated Start and Completion Dates 25
3. Cost Estimates 25
4. Comparison of Costs and Benefits 26
5. Criteria Used to Select and Prioritize Programs 26

F. Vegetation Management – Distribution Program 27
1. Description of the Program and Benefits 27
2. Actual/Estimated Start and Completion Dates 29
3. Cost Estimates 29
4. Comparison of Costs and Benefits 30
5. Criteria Used to Select and Prioritize Programs 30

G. Vegetation Management – Transmission Program 31
1. Description of the Program and Benefits 31
2. Estimated Start and Completion Dates 33
3. Cost Estimates 33
4. Comparison of Costs and Benefits 34
5. Criteria used to Select and Prioritize Programs 34

V. Detailed Information on the First Three Years of the 2020-2029 SPP 34
A. Detailed Description for the First Year of the SPP (2020) 34
B. Detailed Description of the Second and Third Years of the SPP (2021-2022) 35

VI. Estimate of Annual Jurisdictional Revenue Requirements for the 2020-2029 SPP 35

VII. Estimated Rate Impacts for First Three Years of the SPP (2020-2022) 36

VIII. Conclusion 37

Appendices:

APPENDIX A – Gulf's Service/Management Areas

APPENDIX B – Forensic Analysis on Hurricane Michael Storm Damage Survey Data

APPENDIX C – Gulf's 2020-2029 SPP Program Costs and 2020 Project Level Detail

APPENDIX D – Distribution Hardening Design Guidelines

Gulf Power Company's
2020-2029 Storm Protection Plan

I. Executive Summary

Pursuant to Section 366.96, Florida Statutes ("F.S."), and Rule 25-6.030, Florida Administrative Code ("F.A.C."), Gulf Power Company ("Gulf") submits its Storm Protection Plan ("SPP") for the ten (10) year period 2020-2029 (hereinafter, the proposed "SPP"). As explained herein, the SPP is largely a continuation of Gulf's successful storm hardening and storm preparedness programs previously approved by the Florida Public Service Commission ("Commission") over the last thirteen years, as well as a new program to target and underground select distribution laterals. Gulf anticipates the programs included in the SPP will have zero bill impacts on customer bills during the first year of the SPP and only minimal bill increases for years two and three of the SPP.[1]

Since 2006, Gulf has been implementing Commission-approved programs to strengthen its transmission and distribution ("T&D") infrastructure. These programs include multiple storm hardening and storm preparedness programs such as feeder hardening, replacing transmission structures, vegetation management, and pole inspections. These efforts, along with Gulf's storm preparedness and hardening initiatives to date, have produced a more storm resilient T&D electrical grid that will better withstand the hurricanes and tropical storms that are becoming more frequent and severe in the State of Florida.

The success of Gulf's storm hardening and storm preparedness programs has been achieved through the development and implementation of Gulf's forward-looking storm hardening, grid modernization, and reliability initiatives and investments, combined with the use of cutting-edge technology and strong employee commitment. Under the SPP, Gulf remains committed to continue these successful programs to further strengthen its T&D infrastructure, mitigate restoration costs and outage times, continue to provide safe

[1] The recovery of the costs associated with the proposed SPP, as well as the costs to be included in Gulf's Storm Protection Plan Cost Recovery Clause, will be addressed in a subsequent and separate Storm Protection Plan Cost Recovery Clause docket pursuant to Rule 25-6.031, F.A.C.

and reliable electric service to customers, and meet future increasing needs and expectations.

As stated previously, Gulf's SPP is, in large part, a continuation and expansion of its previously approved storm hardening plan and includes the following SPP programs:

- Distribution Inspection Program
- Transmission Inspection Program
- Distribution Feeder Hardening Program
- Distribution Hardening – Lateral Undergrounding Program
- Transmission Hardening Program
- Vegetation Management – Distribution Program
- Vegetation Management – Transmission Program

With the exception of the new Distribution Hardening – Lateral Undergrounding Program, the majority of these programs have been in place since 2007. As demonstrated by recent storm events, these programs have been successful in reducing restoration costs and outage times following major storms, as well as improving day-to-day reliability. Gulf submits that continuing these previously approved storm hardening and storm preparedness programs in the SPP, together with the new Distribution Hardening – Lateral Undergrounding Program, is appropriate and necessary to address the mandates set forth in Section 366.96, F.S., and Rule 25-6.030, F.A.C., as well as the expectations of Gulf's customers and other stakeholders for increased storm resiliency and will result in fewer outages, reduced restoration costs, and prompt service restoration. The SPP will continue to expand the benefits of hardening, including improved day-to-day reliability, to all customers throughout Gulf's system.

The following sections provide information and details on Gulf's SPP as required by and in compliance with Rule 25-6.030, F.A.C. For the reasons explained below, Gulf submits that implementing the SPP is necessary and appropriate to achieve the goals and requirements expressed by the Florida Legislature in Section 366.96, F.S., to reduce

restoration costs and outage times associated with extreme weather events and improve overall service reliability to customers and the State of Florida by promoting the overhead hardening of electrical transmission and distribution facilities, the undergrounding of certain electrical distribution lines, and vegetation management.

II. The 2020-2029 SPP Will Strengthen Gulf's Infrastructure to Withstand Extreme Weather Conditions and Will Reduce Restoration Costs and Outage Times

Pursuant to Rule 25-6.030(3)(a), F.A.C., this section provides an overview of how the SPP will strengthen Gulf's electric utility infrastructure to withstand extreme weather conditions by promoting the overhead hardening of electrical transmission and distribution facilities, the undergrounding of certain electrical distribution lines, and vegetation management. Consistent with Rule 25-6.030(3)(b), F.A.C., this section also provides a summary of how the SPP is expected to further reduce restoration costs and outage times associated with extreme weather conditions and, therefore, improve overall service reliability.

As described in more detail below, Gulf expects to pursue a new Distribution Lateral Undergrounding program similar to that of Florida Power & Light Company ("FPL"), which FPL initiated and the Commission approved in 2018. This program would convert certain targeted overhead laterals, such as those that have been impacted by recent storms or have a history of vegetation-related outages or other reliability issues, to underground laterals. Gulf also plans to continue implementing its design criteria, which require applying Extreme Wind Loading ("EWL") criteria to the design and construction of new overhead pole lines and major planned work, including pole line extensions, relocations and certain pole replacements. Gulf is proposing to continue executing its system-wide T&D pole inspection and replacement, and vegetation management cycle programs. Gulf will strengthen its electric grid to eliminate outages, minimize restoration times, and reduce the risk of single points of failure occurrences following major weather events.

Although Gulf's storm preparedness and hardening programs to date have produced a more storm resilient and reliable T&D electrical grid, Gulf must continue its efforts to

storm-harden its T&D electrical grid consistent with the findings, conclusions, and objectives of the Florida Legislature in Section 366.96, F.S. Indeed, Florida remains the most hurricane-prone state in the nation and, with the significant coast-line exposure of Gulf's system and the fact that the nearly 50% of Gulf's customers live within one (1) mile of a coast or major body of water, a robust SPP is critical to maintaining and improving grid resiliency and storm restoration as contemplated by the Legislature in Section 366.96.

III. Description of Service Area and T&D Facilities

Pursuant to Rule 25-6.030(3)(c), F.A.C., this section provides a description of Gulf Power's service area, including areas prioritized for enhancement, if any, and any areas where Gulf has determined that enhancement of its existing T&D facilities would not be feasible, reasonable, or practical at this time.

Today, Gulf's service area consists of approximately 7,550 square miles. To serve its more than 468,000 customers, Gulf has constructed a T&D electric grid that contains approximately 9,500 miles of electrical lines, including:

- Approximately 5,831 miles of overhead distribution lines;
- Approximately 2,023 miles of underground distribution lines;
- Approximately 1,672 miles of high-voltage transmission lines;
- Approximately 208,000 distribution poles; and
- Approximately 12,000 transmission structures.

Gulf's service area is divided into three distribution management areas. A map depicting Gulf's service area and distribution management areas (with the number of customers served within each management area) is provided in Appendix A.

At this time, Gulf has not identified any areas of its service area where its SPP programs and projects would not be feasible, reasonable, or practical. While all of Gulf's SPP programs are currently system-wide initiatives, annual activities are prioritized based on certain factors such as last inspection date, last trim date, reliability performance and

efficient resource utilization.[2] At this time, there is no area specifically targeted or prioritized for enhanced performance based on its geographical location.

IV. Proposed 2020-2029 SPP Programs

Pursuant to Rule 25-6.030(3)(d), F.A.C., this section provides a description of each program included in Gulf's SPP. If applicable, each program description below includes: (1) a description of how each program is designed to enhance Gulf's existing transmission and distribution facilities including an estimate of the resulting reduction in outage times and restoration costs due to extreme weather conditions; (2) identification of the actual or estimated start and completion dates of the program; (3) a cost estimate including capital and operating expenses; (4) a comparison of the costs and the benefits; and (5) a description of the criteria used to select and prioritize proposed storm protection programs.

A. Distribution Inspection Program

1. Description of the Program and Benefits

Gulf's Distribution Inspection Program included in the SPP is a continuation of Gulf's existing Commission-approved Distribution Inspection Program and includes programs that target specific facilities and infrastructure comprising Gulf's distribution system. Below is an overview of Gulf's Distribution Inspection Program and its associated benefits.

a. Overview of the Distribution Inspection Program

i. Feeder Patrols

Feeder patrols are a vital component of Gulf's Distribution Inspection Program and provide Gulf with the ability to efficiently identify and respond proactively to possible faults and other issues with Gulf's feeder systems. The feeder patrol component of Gulf's Distribution Inspection Program in the SPP is a continuation of the program previously

[2] The criteria and factors used to select and prioritize projects within each SPP program are described below.

approved by the Commission in Gulf's 2019-2021 Storm Hardening Plan. The program requires that, annually, by June 1, all critical lines must be inspected up to the first protective device for loose down guys, slack primary, and leaning poles. To the extent the patrols identify any problems with Gulf's feeders, those problems are promptly corrected in accordance with the requirements of the National Electric Safety Code ("NESC") and any other applicable standards or guidelines.

ii. Infrared Patrols

Infrared patrols assist Gulf in maintaining the reliable operation of its distribution system by utilizing equipment that detects excess heat and can identify structural, mechanical, and electrical issues with Gulf's distribution facilities. Similar to Gulf's feeder patrols, the infrared patrols in the SPP are a continuation of the program previously approved by the Commission in Gulf's 2019-2021 Storm Hardening Plan. Gulf's infrared patrols follow the same inspection cycle as its feeder patrols: annually, by June 1, Gulf will perform infrared inspections of critical equipment on main line three phase feeders. The inspected equipment includes feeder switches, capacitors, regulators, and automatic over-current protective devices. To the extent the infrared patrols proactively identify any potential problems with this equipment, Gulf will promptly schedule repairs, which will be performed in accordance with the requirements of the NESC and any other applicable standards or guidelines.

iii. Pole Inspections

Gulf implemented a distribution wood pole inspection program in the early 1990's and has continued that process since that time. Prior to 2006, Gulf utilized a 10-year distribution wood pole inspection program. In response to the 2004-2005 storm seasons and, in particular, the "large number of poles throughout Florida that required replacement," the Commission required investor-owned utilities ("IOUs") to implement an (8) eight-year pole inspection cycle for all wood distribution poles.[3] Gulf's plan was initially approved in

[3] See Order No. PSC-06-0144-PAA-EI.

September 2006, pending certain compliance filings,[4] and received final approval in January 2007.[5]

Gulf's (8) eight-year pole inspection cycle for all wooden distribution poles targets approximately 1/8 of the system annually (the actual number of poles inspected can vary somewhat from year to year). Gulf's strength and loading calculations for its distribution poles and pole inspections are based on the NESC's construction standards.

Gulf utilizes an inspection matrix that ensures all poles (Creosote, Penta, and CCA) receive a visual inspection with sounding, boring and excavation as appropriate. Inspections include a visual inspection of all distribution poles from the ground-line to the top of the pole to identify visual defects (*e.g.*, woodpecker holes, split tops, decayed tops, cracks, etc.). If, due to the severity of the defects, the poles are not suitable for continued service, the poles are designated for replacement. This inspection matrix has been approved by the FPSC in all previous plans. Utilizing this philosophy, Gulf's wooden pole plant has continued to perform well, with most pole failures being limited to times of extreme weather, tree failures, or vehicle strikes.

Gulf's rate of rejection for distribution wood poles has fallen from approximately 15% during its first ten-year inspection cycle to less than 3% in current inspection cycles.

b. Benefits of the Distribution Inspection Program

The Commission has previously found that "efforts to maintain system components can reduce the impact of hurricanes and tropical storms upon utilities' transmission and distribution systems," and noted that an "obvious key component in electric infrastructure is the transmission and distribution poles."[6] The Commission has also previously identified multiple benefits of and reasons for justifying pole inspections cycles for electric utilities, including, but no limited to: the likelihood of increased hurricane activity in the future; the high probability for equipment damage if a pole fails during a storm; the

[4] See Order No. PSC-06-0778-PAA-EU.
[5] See Order No. PSC-07-0078-PAA-EU.
[6] See Order No. PSC-06-0144-PAA-EI.

likelihood that failure of one pole often causes other poles to fail; the fact that deteriorated poles are more prone to fail when exposed to high winds; the fact that Florida electric utilities replaced nearly 32,000 poles during the 2004 storm restoration efforts; and the fact that restoration times increase significantly when a large number of poles fail, which limits the electric utilities' ability to respond quickly to widespread outages.[7]

In addition to the benefits discussed above that underlie the creation of the Commission's mandated pole inspection requirements, Gulf's pole inspection program has resulted in the identification of poles to be remediated and the subsequent replacement of approximately 10,000 poles since the implementation of Gulf's pole inspection program. The poles replaced were also constructed utilizing a higher NESC Grade B construction standard. Information from previous storms shows that poles replaced since 2007 at the increased construction standard performed significantly better than poles with a pre-2007 construction date. An independent forensic analysis was conducted immediately after Hurricane Michael to assess damage to Gulf's distribution system. This analysis stated, "a substantial decrease in the damage rate in poles installed after 2007 was found (30-32% damage rate pre-2007; 11-14% damage rate 2007 and beyond)". The analysis further stated, "The survey data as well as the analysis does indicate however, that newer construction standards and stronger pole classes (Class 2) outperformed those poles installed to older standards or those that were of Class 3, 5, or 6. This suggests that investments in storm hardening could reduce the extent of outages as well as restoration times from future storm events". The analysis further states, "… investments in storm hardening may improve system performance during future storm events." The forensic analysis is attached as Appendix B. Gulf submits that its Commission-approved Distribution Inspection Program has directly improved and will continue to improve the overall health and storm resiliency of its distribution facilities.

2. Actual/Estimated Start and Completion Dates

The SPP will continue Gulf's ongoing Commission-approved Distribution Inspection Program described above. Annually, Gulf visually inspects approximately 770 miles of

[7] See id.

mainline feeders and performs infrared inspections of critical equipment. With approximately 208,000 distribution poles as of year-end 2019, Gulf expects to inspect approximately 26,000 poles annually during the 2020-2029 SPP period.

3. Cost Estimates

Estimated annual costs for Gulf's Distribution Inspection Program are a function of the number of inspections estimated to be completed and the number of poles estimated to be remediated or replaced as a result of the annual inspections. Although costs to inspect the poles are operating expenses, the vast majority of pole inspection program costs are capital costs resulting from remediation/replacement of poles that fail inspection.

The table below provides a comparison of the estimated 2020-2022 (first three years of the SPP) Distribution Inspection Program costs with the estimated Distribution Inspection Program costs for 2020-2029:

	Total Program Costs (millions)	**Annual Average Program Costs (millions)**
2020-2022	$11.0	$3.7
2020-2029	$37.5	$3.7

Further details of these costs, including estimated annual capital expenditures and operating expenses, are provided in Appendix C.[8]

4. Comparison of Costs and Benefits

As provided in Section (IV)(A)(3) above, during 2020-2029, total costs for Gulf's feeder and infrared patrols and distribution pole inspection programs will average approximately $3.7 million per year. Benefits associated with Gulf's Distribution Inspection Program are

[8] Note, the 2020-2029 program costs shown above are projected costs estimated as of the time of this filing. Subsequent projected and actual costs could vary by as much as 10% to 15%. The annual projected costs, actual/estimated costs, actuals costs, and true-up of actual costs to be included in Gulf's Storm Protection Plan Cost Recovery Clause will all be addressed in a subsequent and separate Storm Protection Plan Cost Recovery Clause filing pursuant to Rule 25-6.031, F.A.C. The Commission has opened Docket No. 20200092-EI to address Storm Protection Plan Cost Recovery Clause petitions to be filed the third quarter of 2020.

discussed in Sections II and IV(A)(1)(b), above and include a decrease in the damage rate of poles installed during the time Hurricane Michael impacted Gulf's service area from 30-32% for Class 3, 5, or 6 (pre-2007) poles to 11-14% for Class 2 (2007 and beyond) poles.

5. Criteria used to Select and Prioritize Programs

Poles to be inspected annually are selected and prioritized within Gulf's service area based on the last cycle's inspection dates to ensure that poles are in compliance with Gulf's established eight-year cycle. As such, approximately 1/8 of the distribution poles in Gulf's service area are inspected annually.

At this time, Gulf has not identified any areas where the Distribution Inspection Program would not be feasible, reasonable or practical.

B. Transmission Inspection Program

1. Description of the Program and Benefits

Gulf's SPP Transmission Inspection Program is a continuation of Gulf's existing Commission-approved 2019-2021 storm hardening plan. The SPP includes programs that target the specific facilities comprising Gulf's transmission system. Below is an overview of Gulf's Transmission Inspection Program and its associated benefits.

a. Overview of the Transmission Inspection Program

In 2006, as part of its Storm Preparedness Initiative No. 3, the Commission required electric utilities to develop and implement plans to fully inspect substations annually and all transmission structures and all hardware associated with these facilities on a six-year cycle. Consistent therewith, Gulf implemented a Commission-approved transmission inspection plan in 2006 and has continued that plan to date.

Under its Commission-approved transmission inspection plan, Gulf inspects its transmission substations annually and its structures on two alternating twelve year cycles, which results in a structure being inspected at least every six-years. In general, Gulf uses a combination of company employees and contractors to perform comprehensive walking

and aerial inspections of its transmission structures. At year-end 2019, approximately 12,000 transmission structures (62% steel or concrete and 38% wood) are included in Gulf's transmission system.

Inspections for wood structures include an overall assessment of the condition of the structures, as well as other pole/structure components including the foundation, all attachments, insulators, guys, cross-braces, cross-arms, and bolts. If a wood transmission structure does not pass visual inspection, it is designated for replacement with a concrete or steel transmission structure.

For steel and concrete structures, the visual inspection includes an overall assessment of the structure condition (*e.g.*, cracks, chips, exposed rebar, and rust) as well as other pole/structure components including the foundation, all attachments, insulators, guys, cross-braces, cross-arms, and bolts. If a concrete or steel pole/structure fails the inspection, it is designated for repair or replacement.

Gulf's annual inspections of its transmission substations include comprehensive inspections based on substation inspection manuals. These inspections are performed by Company personnel knowledgeable of the processes, procedures, and equipment of Gulf's substations. Inspections include batteries and chargers, breakers, instrument transformers, power fuses, regulators, substation yard, switches, and transformers. The inspection steps for each type equipment is documented as well as the inspection results. Any abnormal situations are documented, repaired and/or replaced.

The SPP will continue Gulf's current Transmission Inspection Program which requires: transmission substations and all associated equipment to be inspected annually and transmission structures to be inspected based on two alternating twelve-year cycles, which results in a structure being inspected at least every six years.

b. Benefits of the Transmission Inspection Program

As noted in Section IV(A)(1)(b) above, the Commission has found numerous benefits and reasons justifying inspections of electrical utility facilities, including transmission facilities. Importantly, the transmission system is the backbone of the electric grid. While outages

associated with distribution facilities (*e.g.*, a transformer, lateral or feeder) can result in an outage affecting anywhere from a few customers up to several thousands of customers, a transmission related outage can affect tens of thousands of customers. Additionally, an outage on a transmission facility could cause cascading (a loss of power at one transmission facility can trigger the loss of power on another interconnected transmission facility, which in turn can trigger the loss of power on another interconnected transmission facility, and so on) and result in the loss of service for hundreds of thousands of customers. As such, it is imperative that transmission facilities be properly inspected using appropriate cycles and standards to help ensure that they are prepared for storms.

As with its distribution inspection program, discussed in Sections IV(A)(1)(a) & (b), the performance of Gulf's transmission facilities during recent storm events indicates Gulf's transmission inspection program has contributed to the overall storm resiliency of the transmission system and provided savings in storm restoration duration and costs. As a result, the inspections enable Gulf to timely identify and replace deteriorated structures, thus increasing the performance of its transmission structures during extreme weather events.

2. Estimated Start and Completion Dates

The SPP will continue Gulf's ongoing Commission-approved Transmission Inspection Program described above. This requires Gulf to inspect transmission substations and all associated equipment annually and structures based on two alternating twelve-year cycles, resulting in a structure being inspected at least every six years.

3. Cost Estimates

Estimated annual Transmission Inspection Program costs are a function of the number of inspections estimated to be completed and the transmission facilities estimated to be/actually remediated/replaced as a result of those inspections. Although the inspection costs are operating expenses, the vast majority of Transmission Inspection Program costs are capital costs resulting from remediation/replacement of facilities that fail inspection.

The table below provides a comparison of the estimated 2020-2022 (first three years of the SPP) Transmission Inspection Program costs with the estimated Transmission Inspection Program costs for 2020-2029:

	Total Program Costs (millions)	**Annual Average Program Costs (millions)**
2020-2022	$10.5	$3.5
2020-2029	$35.0	$3.5

Further details regarding SPP estimated Transmission Inspection Program costs, including estimated annual capital expenditures and operating expenses, are provided in Appendix C.[9]

4. Comparison of Costs and Benefits

As provided in Section IV(B)(3) above, during 2020-2029, total costs for Gulf's Transmission Inspection Program are expected to average approximately $3.5 million per year. Benefits associated with this program discussed in Sections II and IV(B)(1)(b) above include helping avoid outages that can affect tens of thousands of customers and, in particular, cascading outages where the loss of service can affect hundreds of thousands of customers.

5. Criteria used to Select and Prioritize Programs

As explained above, Gulf visually inspects its substations on an annual basis. For the inspection of transmission lines and structures and all associated hardware, the facilities are selected/prioritized throughout Gulf's service area based on the last cycle's inspection dates, to ensure that facilities are inspected in compliance with the established inspection cycle. Gulf's transmission structure inspection program is based on two alternating twelve-year cycles, which results in a structure being inspected at least every six years.

[9] *See* footnote 8.

At this time, Gulf has not identified any areas where the Transmission Inspection Program would not be feasible, reasonable, or practical.

C. Distribution Feeder Hardening Program

1. Description of the Program and Benefits

The Distribution Feeder Hardening Program included in the SPP is a continuation of Gulf's existing Commission-approved approach (most recently approved in Docket No. 20180147-EI) to harden existing feeders and certain critical distribution poles, as well as Gulf's initiative to design and construct new pole lines and major planned work to meet the NESC's extreme wind loading ("EWL") criteria. Below is an overview of Gulf's existing distribution feeder hardening program and associated benefits.

a. Overview of the Distribution Feeder Hardening Program

The foundation of Gulf's Distribution Feeder Hardening Program has been Gulf's objective to strengthen and reconstruct critical infrastructure to higher NESC storm hardening construction standards. Feeders are the backbone of Gulf's distribution system and, therefore, a critical component of Gulf's overall distribution overhead system. Feeder reliability can also have a substantial impact on overall service reliability to Gulf's customers. Therefore, hardening feeders has been, and continues to remain, one of Gulf's highest storm hardening priorities.

To harden its feeders in 2020-2029, Gulf's proposes to continue with its previously approved approach to apply EWL standards to harden existing feeders and certain critical infrastructure utilizing Gulf's Distribution Hardening Design Guidelines (Appendix D) to construct new pole lines and major planned work. Gulf will also continue its distribution automation program which includes the installation of additional distribution automation devices, strategic installation of automated overhead faulted circuit indicators, and the distribution supervisory control and data acquisition (DSCADA) system. Appendix B also provides a map depicting Gulf's three districts that comprise Gulf's service areas which are subject to extreme winds ranging from 110-140 mph. Gulf's application of EWL

criteria to its hardening efforts incorporates and reflects these varying wind speeds throughout Gulf's service areas.

The SPP will also continue to utilize Gulf's Distribution Hardening Design Guidelines and processes to apply EWL to the design and construction of new pole lines and major planned work, including pole line extensions and relocations and certain pole replacements. Depending on the scope of the work that is performed in a particular project, this could result in the EWL hardening of an entire circuit (in the case of large-scale projects) or in EWL hardening of one or more poles (in the case of small projects) so that the affected circuit will be in a position to be fully EWL hardened in the future. These design criteria are primarily associated with changes in pole class, pole type, and desired span lengths to be utilized. The design criteria standardize the design and construction of new pole lines and major planned work to ensure that these projects align with Gulf's hardening strategy.

Gulf's current pole sizing guidelines provide for a minimum installation of: Class 2 wood poles for all new feeder and three-phase lateral work; Class 3 wood pole for two-phase and single-phase lateral work; and Class 3 wood pole for service and secondary work. For critical poles, Gulf's current pole sizing guidelines provide for the installation of concrete poles at accessible locations. These guidelines significantly increase the wind ratings (up to nearly 50 percent) from the design criteria in place prior to 2007.

To determine how an existing overhead circuit or critical pole will be hardened, a field survey of the circuit facilities is first performed. By capturing detailed information at each pole location such as pole type, class, span distance, attachments, wire size and framing, a comprehensive wind-loading analysis can be performed to determine the current wind rating of each pole, and ultimately the circuit itself. This data is then used to identify the specific pole locations on the circuit that do not meet the desired wind rating. For all poles that do not meet the applicable EWL, Gulf develops recommendations to increase the allowable wind rating of the pole.

Gulf plans to continue to utilize its "design toolkit" that focuses on evaluating and using cost-effective hardening options for each location, including:

- Storm Guying – Installing a guy in each direction perpendicular to the line; a very cost-effective option that is dependent on proper field conditions;

- Equipment Relocation – Moving equipment on a pole to a near-by stronger pole;

- Intermediate Pole – Installing a single pole when long span lengths are present, which reduce span length and increases the wind rating of both adjacent poles;

- Upgrading Pole Class – Replacing the existing pole with a higher class pole to increase the pole's wind rating; and;

- Undergrounding Facilities – Evaluated on a case-by-case basis using site-specific conditions.

- Distribution Automation – Installation of additional distribution automation devices to further segment the feeders for outage restoration. These devices protect customers by limiting those affected by temporary faults and sustained outages. These devices will either be controlled by Distribution Supervisory Control and Data Acquisition (DSCADA) and/or function as a part of automated restoration schemes.

    - Strategic Installation of Automated Overhead Faulted Circuit Indicators (FCIs) are devices designed to indicate the passage of fault current. These devices will reduce customer outage time by helping to expedite locating outage causes, aiding in the isolation of the problem. This process will help restore service to some customers while the problem is being corrected. Gulf proposes to continue to install new FCIs at strategic locations.

    - In order to reduce customer outage times, Gulf has implemented a Distribution Supervisory Control and Data Acquisition (DSCADA) System to remotely control and monitor the distribution system by

Distribution Control Center personnel. The DSCADA system will continue to be expanded with the addition of line devices.

To further improve distribution reliability and resiliency, in 2016, Gulf initiated a program to expand its storm hardening philosophy by purchasing vegetation management easements from private property owners on select feeders to enhance Gulf's ability to adequately address vegetation management concerns. The feeders selected consisted of mainline feeders that serve key customers; feeders that experience reliability issues due to off right of way vegetation conflicts; and feeders that have heavy exposure to off right-of-way vegetation. Gulf has successfully purchased easements on 89 miles of line giving Gulf the right to clear and maintain a 15 foot wide corridor on private property adjacent to the public right of way and Gulf's distribution facilities. Gulf plans to continue this program to provide VM reliability improvements on its system.

These options are not mutually exclusive, and when used in combination with sound engineering practices, provide cost-effective methods to harden a circuit. Gulf's design recommendations also take into consideration issues such as hardening, mitigation (minimizing damage), and restoration (improving the efficiency of restoration in the event of failure). Since multiple factors can contribute to losing power after a storm, utilizing this multi-faceted approach to distribution pole line design helps to reduce the amount of work required to restore power to a damaged circuit.

b. Benefits of the Distribution Feeder Hardening Program

Distribution feeders are the backbone of the distribution system and are critical component to providing safe and reliable electric service to Gulf's customers. Improving the storm resiliency of distribution feeders provides immediate benefits for every customer served off a hardened feeder as soon as the hardening is completed. Therefore, hardening distribution feeders has been and continues to be one of Gulf's highest storm hardening priorities.

During the period 2006-2018, utilizing existing hardening specifications, Gulf hardened Critical Infrastructure Function ("CIF") feeders that serve hospitals, 911 centers, police and fire stations, water treatment facilities, county emergency operation centers and Community Project feeders, feeders that serve other key community needs like gas stations, grocery stores and pharmacies throughout Gulf's service area. In 2019, Gulf began to apply EWL standards to the design and construction of all new pole lines and major planned work, including pole line extensions and relocations and certain pole replacements. Logically, these storm-hardened feeders have and will continue to provide more storm and extreme weather resiliency to Gulf's customers.

2. Estimated Start and Completion Dates

Gulf initiated its feeder hardening initiative in 2006. As of year-end 2019, there are approximately 269 feeders remaining to be hardened. Gulf expects to harden 12-18 feeders annually through the program, and anticipates approximately 50% of Gulf's feeders to be hardened to EWL standards by year-end 2029.

3. Cost Estimates

Estimated Distribution Feeder Hardening Program costs are determined utilizing the length of each feeder, the average historical feeder hardening cost per mile and updated cost assumptions (*e.g.*, labor and materials). The table below provides a comparison of the estimated 2020-2022 (first three years of the SPP) Distribution Feeder Hardening Program with the estimated Distribution Feeder Hardening Program costs for 2020-2029:

	Total Program Costs (millions)	**Annual Average Program Costs (millions)**
2020-2022	$87.1	$29.0
2020-2029	$315.3	$31.5

Further details regarding the estimated SPP Distribution Feeder Hardening Program costs including estimated annual expenditures, the vast majority of which are capitalized, are provided in Appendix C.[10]

4. Comparison of Costs and Benefits

As provided in Section IV(C)(3) above, during 2020-2029, total costs for Gulf's Distribution Feeder Hardening Program average approximately $31.5 million per year through 2029. Benefits associated with this program discussed in Sections II and IV(C)(1)(b) above, include improved storm resiliency as well as: (1) lowering outage rates; (2) lowering construction man hours to restore hardened feeders; and (3) fewer pole failures.

5. Criteria used to Select and Prioritize Programs

As explained above, there are approximately 269 feeders remaining to be hardened or placed underground. Gulf attempts to spread its annual projects throughout its service areas. In prioritizing the remaining existing feeders to be hardened each year, considerations include the feeder's historical reliability performance, restoration difficulties, on-going or upcoming internal/external projects (*e.g.*, Gulf maintenance or system expansion projects, municipal overhead/underground conversion projects or municipal road projects) and geographic location (i.e., Gulf attempts to spread its annual projects throughout its service area). Additionally, Critical Infrastructure Function ("CIF") feeders that serve hospitals, 911 centers, police and fire stations, water treatment facilities, county emergency operation centers, and Community Project feeders, feeders that serve other key community needs like gas stations, grocery stores and pharmacies are considered during Gulf's feeder hardening considerations. There are no areas for feeder hardening that Gulf has determined to be not feasible, reasonable or practical.

D. Distribution Hardening – Lateral Undergrounding Program

1. Description of the Program and Benefits

The Distribution Hardening – Lateral Undergrounding Program included in the SPP is a new program similar to that of FPL, which is intended to protect certain overhead laterals

[10] *See* footnote 8.

during extreme weather events by converting them to underground laterals. Below is an overview of Gulf's proposed Distribution Hardening - Lateral Undergrounding Program and associated benefits.

a. Overview of the Distribution Hardening-Lateral Undergrounding Program

Gulf's SPP includes a Distribution Hardening - Lateral Undergrounding Program similar to that conducted by FPL and Duke Energy Florida. The Distribution Hardening - Lateral Undergrounding Program would build upon the experiences of FPL and focus on targeting certain overhead laterals, *i.e.*, overhead laterals impacted by recent storms and with a history of vegetation-related outages and other reliability issues, spread throughout Gulf's system. Key objectives of the program would initially include validating conversion costs and identifying cost savings opportunities, testing different design philosophies, better understanding customer impacts and sentiments, and identifying barriers (e.g., obtaining easements, locating transformers and attaching entities' issues).

As part of the conversion process, Gulf will install meter base adaptors, which provide a means to receive underground service to the customer by utilizing the existing meter and meter enclosure. The meter base adaptors will minimize the impact on customer-owned equipment and facilities. For example, in certain situations, overhead to underground conversions of electric service can trigger a local electrical code requirement that causes a customer to have to upgrade the home's electric service panel. This can cost the customer thousands of dollars. By utilizing a meter base adaptor, the need to convert the electrical service panel and the additional customer cost is avoided.

b. Benefits of the Distribution Hardening - Lateral Undergrounding Program

Laterals make up the majority of Gulf's distribution system. For example, system-wide, there are approximately 7000 laterals, in contrast to 305 feeders and there are almost 7 times as many miles of overhead laterals as there are overhead feeders (approximately 770 miles vs. 5063 miles, respectively). Additionally, while feeders are predominately located on main roads and rights-of-way, many laterals are located on smaller roads,

neighborhoods, and other areas that can create access issues for line maintenance, vegetation clearing, and restoration work. This results in a greater amount of construction man-hours being devoted to laterals during storm restoration. Based on the overall performance of underground vs. overhead facilities and the extensive damage to Gulf's overhead facilities caused by vegetation (much of which was outside of where Gulf trims, *e.g.*, outside of public rights-of-way and Gulf easements) during Hurricane Michael, this program will further expand the benefits of hardening throughout Gulf's distribution system (*i.e.*, reduced outages and restoration time). Further, the day-to-day performance of the underground vs. overhead facilities are generally better, which also provides customer benefits. As previously stated, The Florida Legislature has determined that it is in the State's best interest to "strengthen electric utility infrastructure to withstand extreme weather conditions by promoting the overhead hardening of distribution and transmission facilities, undergrounding of certain distribution lines, and vegetation management". Section 366. (1), F.S. Gulf's basis for converting certain laterals from overhead to underground throughout its system to eliminate the extensive damage to overhead facilities during storms is consistent with this statute.

2. Estimated Start and Completion Dates

The evaluation and engineering of Gulf's laterals identified to be converted to underground will begin during the fourth quarter of 2020. Gulf will begin conversion construction in 2021 and continue through 2029 in order to derive the benefits of underground lateral hardening throughout its system.

3. Cost Estimates

Estimated Distribution Hardening - Lateral Undergrounding Program costs are determined utilizing the length of each lateral, the average historical lateral undergrounding cost per mile and updated cost assumptions (*e.g.*, labor and materials). Total estimated Distribution Hardening - Lateral Undergrounding Program costs for 2020-2029, the vast majority of which are capitalized, are provided below:

	Total Program Costs (millions)	Annual Average Program Costs (millions)
2021-2022	$10.4	$5.2
2020-2029	$46.6	$4.7

Further details of these costs (*e.g.*, annual capital expenditures and operating expenses), along with 2021-2022 program costs are provided in Appendix C.[11]

4. Comparison of Costs and Benefits

As provided in Section IV(D)(3) above, during 2020-2029, total costs for Gulf's Distribution Hardening – Lateral Undergrounding Program average approximately $4.7 million per year through 2029. Benefits associated with this program are discussed in Sections II and IV(C)(1)(b) above and include improved storm resiliency and the mitigation and elimination of extensive damage caused by vegetation and windborne debris to overhead facilities.

5. Criteria used to Select and Prioritze Programs

Gulf is proposing that it select and prioritize the entire first-stage laterals to be converted utilizing an overall feeder performance methodology, *i.e.*, rather than selecting laterals downstream of a first-stage fuse. Key factors in selecting and prioritizing laterals for undergrounding are based on several reliability indices involving, but not limited to, performance during past hurricanes and tropical storms, certain number of outages in the past 10 years, and high percentage of past outages caused by vegetation. Gulf proposes also prioritizing conversions by additional methods, such as customer density (*i.e.*, customers served per mile converted). Additional considerations are delaying or skipping laterals in high flood risk zones and extremely long rural laterals with low customer densities.

[11] *See* footnote 8.

E. Transmission Hardening Program

1. Description of the Program and Benefits

Gulf's SPP Transmission Hardening Program is largely a continuation of Gulf's existing Commission-approved 2019-2021 storm hardening plan. Below is an overview of Gulf's Transmission Hardening Program and its associated benefits.

a. Overview of the Transmission Hardening Program

Hardening efforts within this program consist of transmission wood structure replacement, substation flood monitoring and hardening, and transmission and substation resiliency.

As of year-end 2019, approximately 62% of Gulf's transmission structures, system-wide, are steel or concrete, with approximately 38% wood structures remaining to be replaced. The annual prioritization/selection criteria for the remaining wood structures to be replaced includes proximity to high wind areas, system importance, customer counts, and coordination with other storm initiatives (*e.g.*, distribution feeder hardening). Other economic efficiencies, such as opportunities to perform work on multiple transmission line sections within the same transmission corridor, are also considered. Gulf expects to replace the approximately 4,600 remaining wood structures in its system before year-end 2029, at which time, 100% of its transmission structures will be steel or concrete.

Beginning in 2019, Gulf began to re-evaluate substation locations using the Coastal Substation Risk Assessments for all substations. As part of this process, a National Oceanic and Atmospheric Administration (NOAA) SLOSH (Sea, Lake and Overland Surges from Hurricanes) model is being used to define the potential maximum flood levels. SLOSH is a computerized model run by the National Hurricane Center (NHC) to estimate storm surge heights and winds resulting from historical, hypothetical, or predicted hurricanes.

Gulf will implement flood monitoring on vulnerable substations and review switch house construction standards for possible replacement and strengthening.

Although Gulf's transmission and substation facilities have continued to perform satisfactorily in the past, it should be noted that Gulf's transmission system and transmission substation reliability has been impacted by single point of failure events that have had and will continue to have the potential to greatly impact customers. During Hurricane Michael, Gulf experienced a single point of failure event which required the installation of a mobile substation to provide backup substation facilities and service to those customers impacted. As a result, Gulf has initiated a transmission line and radial substation resiliency program and has begun to invest in the overall strengthening of the electric grid at the transmission and/or substation level to remove these critical single points of failure that have the potential to impact large numbers of customers for extended periods of time. By building redundancy in the system to make it more resilient, these improvements will eliminate outages, and shorten restoration times following major weather events.

Based on customer impact and prioritization, Gulf is engaged in the process of removing single points of failure scenarios from the transmission and/or substation system. This program will focus on adding additional transmission lines into radially feed substations and additional transformers in single bank transmission substations in order to improve storm resiliency.

b. Benefits of the Transmission Hardening Program

While Gulf's transmission facilities were affected by Hurricane Michael in 2018, the damage experienced was significantly less than the damage sustained by distribution facilities. A primary reason for this resulted from the fact that transmission structures were already constructed to meet EWL standards, consistent with Florida Statute 366.04 and the NESC, Rule 250 C. However, based on the forensic data collected following the storm, steel and concrete structures out-performed wooden structures. Therefore, Gulf will continue its program of replacing transmission wood structures with steel or concrete to ensure the resiliency of its transmission structures.

The benefits associated with identifying and installing flood monitoring of substations is the ability to proactively de-energize those substations susceptible to flooding to reduce

damage to powered substation equipment. The prevention of outages at substations due to storm surge or flooding is essential to minimizing outages affecting thousands of customers.

The benefits associated with removing single points of failure is to provide redundancy in single transformer substations and to provide additional feeds and/or equipment to improve storm resiliency. Further, while an outage associated with distribution facilities (*e.g.*, a transformer, lateral or feeder) can impact up to several thousands of customers, a transmission and/or substation-related outage can result in an outage affecting tens of thousands of customers. As a result, the hardening of transmission poles and structures; the monitoring and prevention of flood waters into substations; and the strengthening of equipment to prevent transmission and/or substation-related outages is essential.

2. Estimated Start and Completion Dates

Gulf implemented its substation flood monitoring in 2019 and will conclude the program in 2023. Substation resiliency and hardening will begin in 2020 and continue through 2029. Gulf implemented its transmission structure hardening program in 2019 and expects to replace the approximately 4,600 remaining wood transmission structures in its system before year-end 2029, at which time, 100% of its transmission structures will be steel or concrete.

3. Cost Estimates

Estimated annual Transmission Hardening Program costs are a function of the number of substations to be storm hardened through flood monitoring, scope of resiliency programs, and the number of poles to be replaced, actual historical replacement costs and updated cost assumptions (e.g., labor and materials). Total estimated Transmission Hardening Program costs for 2020-2029, the vast majority of which are capitalized, are provided below:

	Total Program Costs (millions)	Annual Average Program Costs (millions)
2020-2022	$106.3	$35.4
2020-2029	$488.8	$48.9

Further details of these costs (e.g., annual capital expenditures and operating expenses) are provided in Appendix C.[12]

4. Comparison of Costs and Benefits

As provided in Section IV(E)(3) above, total costs for Gulf's Transmission Hardening Program (transmission wood structure replacement, substation flood monitoring, and transmission and substation resiliency) average approximately $48.9 million per year. Benefits associated with this program discussed in Sections II and IV(E)(1)(b) above, include improved storm resiliency.

5. Criteria Used to Select and Prioritize Programs

Gulf evaluated substation locations using the Coastal Substation Risk Assessments for all substations. Projects were prioritized based on stations in the flood zone using the SLOSH model, coastal stations with metal switch houses, and impact based on customer numbers. Transmission and substation resiliency projects are prioritized based on number of customers impacted and the estimated time of repair for a single event.

The annual prioritization/selection criteria for the remaining wood structures to be replaced includes proximity to high wind areas, system importance, customer counts, and coordination with other storm initiatives (*e.g.*, distribution feeder hardening). Other economic efficiencies, such as opportunities to perform work on multiple transmission line sections within the same transmission corridor, are also considered.

At this time, Gulf has not identified any areas where the Transmission Hardening Program would not be feasible, reasonable or practical.

[12] *See* footnote 8.

F. Vegetation Management – Distribution Program

1. Description of the Program and Benefits

The Vegetation Management – Distribution Program included in the SPP is a continuation of Gulf's existing Commission-approved Vegetation Management – Distribution Program. Below is an overview of Gulf's existing Vegetation Management – Distribution Program and the associated benefits.

a. *Overview of the Distribution Vegetation Management Program*

Prior to 2006, Gulf's Vegetation Management – Distribution Program consisted of trimming its feeders on a three-year average trim cycle and performing targeted trimming on certain feeders more frequently, targeting vegetation with faster growth rates, through its "mid-cycle" program. Lateral trimming was prioritized based on reliability performance. Another important component of this program was Gulf's "Right Tree Right Place" ("RTRP") initiative, which provided information to educate customers on Gulf's Vegetation Management – Distribution Program and practices, safety issues, and the importance of placing trees in the proper location.

After the 2004-2005 storm seasons, in Order No. PSC-06-0351-PAA-EI, the FPSC determined that "(t)he vegetation management practices of the investor-owned electric utilities do not provide adequate assurance that tree clearances for overhead distribution facilities are being maintained in a manner that is likely to reduce vegetation related storm damage. We believe that utilities should develop more stringent distribution vegetation management programs." As a result, Gulf proposed and the Commission ultimately approved (Order No. PSC-07-0468-FOF-EI) the continuation of Gulf's system-wide three-year average trim cycle for mainline feeders, mid-cycle trimming for mainline feeders and its RTRP initiative and the implementation of a six-year average trim cycle for laterals. Gulf's Commission-approved 2010 Storm Hardening Plan included a change in lateral trim cycles from six years to four years. These same initiatives, which have provided storm and day-to-day reliability benefits, remain in place today.

Tree limbs and branches are among the most common causes of power outages/momentary interruptions, day-to-day as well as during storm events. The primary objective of Gulf's Vegetation Management – Distribution Program is to clear vegetation in areas where Gulf is permitted to trim from the vicinity of distribution facilities and equipment in order to provide safe, reliable and cost-effective electric service to its customers. The program is comprised of multiple initiatives designed to reduce the average time customers are without electricity as a result of vegetation-related interruptions. This includes preventive maintenance initiatives (planned cycle and mid-cycle maintenance), corrective maintenance (trouble work and service restoration efforts), customer trim requests, and support of system improvement and expansion projects, which focus on long-term reliability by addressing vegetation that will impact new or upgraded overhead distribution facilities.

Gulf follows the NESC, the American National Standards Institute ("ANSI") A-300, and all other applicable standards while considering tree species, growth rates and the location of trees in proximity to our facilities when performing line clearing. Danger or hazard trees (leaning, structurally damaged, diseased, or dead) outside of right-of-way ("ROW"), which cannot be trimmed by Gulf contractors without approval from the property owner, are candidates for customer-approved removal.

For 2020-2029, Gulf proposes to continue implementing its currently-approved Vegetation Management – Distribution Program which includes its system-wide: three-year cycle for mainline feeders: mid-year cycle inspection and trimming for mainline feeders; four-year cycle for laterals; and continued education of customers through its RTRP initiative.

b. Benefits of the Distribution Vegetation Management Program

In Order No. PSC-2006-0947-PAA-EI, the Commission confirmed that Gulf should continue to implement 3-year average cycles for its mainline feeders and 6-year cycles for laterals because the cycles complied with the Commission's storm preparedness objectives to promote system reliability and reduce storm restoration costs. In Gulf's Commission approved 2010 Storm Hardening Plan, Gulf changed its lateral trim cycle

from 6 years to 4 years. Gulf has realized improved reliability as a result of its distribution vegetation management initiatives as its day-to-day distribution tree SAIDI has improved as a result of Gulf implementing its approved distribution vegetation management program (from 18.0 prior to the 2009 storm season to 14.1 at year-end 2019). Finally, another indication that the current program is providing benefits is that, while forensic analysis indicated vegetation was the overwhelming primary cause for pole and wire failures and a significant cause of outages during Hurricane Michael, the vast majority of damage resulted from uprooted trees, broken trunks, and broken limbs that fell into distribution facilities from outside of right-of-way, *i.e.*, beyond where Gulf is currently allowed to trim without approval from the property owner.

2. Actual/Estimated Start and Completion Dates

Gulf began its current 3-year mainline feeder cycle in 2019 which continues through 2021. The current 4-year lateral trim cycle began in 2018 and continues through 2021. At the conclusion of the current cycles, new cycles will begin. On average, Gulf plans to inspect and trim annually: approximately 1/3 of its mainline overhead feeder miles or 259 miles; approximately 1/4 of its overhead lateral miles or 1,257 miles; and mid-cycle inspection and trimming approximately 518 miles for a total estimated inspection and trimming average of approximately 2,000 miles per year, which is consistent with the historical miles inspected and trimmed annually.

3. Cost Estimates

The vast majority of Vegetation Management – Distribution Program costs are associated with cycle and mid-cycle inspection and trimming, which is performed by several approved Gulf contractors throughout Gulf's system. Other Vegetation Management – Distribution Program costs include costs associated with day-to-day restoration activities (e.g., summer afternoon thunderstorms), removals, debris cleanup, and support (e.g., arborists, supervision, back office support). Total estimated Vegetation Management – Distribution Program costs for 2020-2029 are provided below:[13]

[13] The vegetation management costs shown in the table below exclude storm-related vegetation management costs.

	Total Program Costs (millions)	Annual Average Program Costs (millions)
2020-2022	$14.4	$4.8
2020-2029	$47.4	$4.7

Further details of these costs (*e.g.*, annual capital expenditures and operating expenses, labor, and equipment) and the number of miles inspected and maintained annually are provided in Appendix C.[14]

4. Comparison of Costs and Benefits

As provided in Section IV(F)(3) above, during 2020-2029, total costs for Gulf's Vegetation Management – Distribution Program average approximately $4.7 million per year. Benefits associated with this program discussed in Sections II and IV(F)(1)(b) above, include increased storm resiliency.

5. Criteria Used to Select and Prioritize Programs

The primary reason for maintaining mainline feeders on a 3-year average cycle vs. a 4-year average cycle for laterals is that a mainline feeder outage can affect, on average, approximately 1,500 customers, as compared to a lateral line that can affect significantly less customers. Gulf enhances its approved mainline feeder trimming plan through its mid-cycle inspection and trimming program, which encompasses patrolling and trimming feeders between planned maintenance cycles to address tree conditions that may cause an interruption prior to the next planned cycle trim.

Additionally, customers often contact Gulf with requests to trim trees around lines in their neighborhoods and near their homes. As a result of our discussions with these customers and/or a follow-up investigation, Gulf either performs the necessary trimming or determines that the requested trimming can be addressed more efficiently by completing it through the normal scheduled cycle trimming.

[14] *See* footnote 8.

At this time, Gulf has not identified any areas where the Vegetation Management – Distribution Program would not be feasible, reasonable or practical.

G. Vegetation Management – Transmission Program

1. Description of the Program and Benefits

The Vegetation Management – Transmission Program included in the SPP is a continuation of Gulf's existing Vegetation Management – Transmission Program. Below is an overview of Gulf's existing Vegetation Management – Transmission Program and the associated benefits.

a. Overview of the Transmission Vegetation Management Program

The North American Electric Reliability Corporation's (NERC) vegetation management standards/requirements serve as the basis for Gulf's Vegetation Management - Transmission Program. The reliability objective of these standards/requirements standards is to prevent vegetation-related outages which could lead to cascading by utilizing effective vegetation maintenance while recognizing that certain outages such as those due to vandalism, human errors and acts of nature are not preventable. Transmission lines that must conform with these standards/requirements include lines operated at or above 200 kV or any line that is either an element of an Interconnection Reliability Operating Limit (IROL) or a Major West Electricity Coordinating Council (WECC). For Gulf, approximately 600 miles of its transmission system (or just over one-third of all of Gulf's total transmission system) fall under the NERC's vegetation management standards and requirements. NERC's vegetation management standards and requirements include annual inspection requirements, executing 100% of a utility's annual vegetation work plan and to prevent any encroachment into established minimum vegetation clearance distances ("MVCD").

The key elements of Gulf's Vegetation Management – Transmission Program are to inspect the transmission rights of way, document vegetation inspection results and findings, prescribe a work plan, and execute the work plan.

Gulf conducts ground inspections of all transmission corridors annually for work planning purposes. During these inspections, Gulf identifies vegetation capable of approaching the defined Vegetation Action Threshold (VAT). VAT is a calculated distance from the transmission line that factors in MVCD, conductor sag/sway potential, and a buffer. The identified vegetation is given a work prescription and then prioritized and organized into batches of work, which collectively become the annual work plan.

For transmission lines that fall under NERC's vegetation management standards and requirements, Gulf plans to pilot and begin using a technology called "LiDAR", short for light detection and ranging. LiDAR is a remote sensing technology that uses light in the form of a pulsed laser to measure ranges (distances) to a target. For vegetation management purposes, LiDAR is used to measure distance between vegetation and transmission lines. LiDAR patrols of all NERC transmission corridors are conducted annually. The LiDAR collected data is then used to develop preventative and reactive work plans.

For 2020-2029, Gulf proposes to continue implementing its current Vegetation Management – Transmission Program, which includes ground and aerial inspections of all transmission line corridors, and pilot LiDAR inspections of NERC transmission line corridors, developing and executing annual work plans to address identified vegetation conditions and identifying and addressing priority and hazard tree conditions prior to and during storm season.

b. Benefits of the Transmission Vegetation Management Program

The benefits of a Vegetation Management – Transmission Program are self-evident and the consequences of not having a reasonable transmission vegetation management plan can be extreme. As discussed previously, the transmission system is the backbone of the electric grid. While outages associated with distribution facilities (e.g., a transformer, lateral or feeder) can result in an outage affecting anywhere from a few customers up to several thousands of customers, a transmission related outage can affect tens of thousands of customers. As such, it is imperative that vegetation impacting transmission facilities be properly maintained using reasonable and appropriate cycles and standards

to help ensure they are prepared for storms. For these reasons, it is no surprise that NERC has developed prescriptive vegetation management requirements for transmission facilities to help prevent such damage from occurring.

2. Estimated Start and Completion Dates

Gulf's Vegetation Management – Transmission Program inspections and resulting trim cycles are on-going programs and are completed in accordance with Gulf's 2019-2021 Commission approved storm hardening plan and NERC FAC003-4 standards and requirements. Under the SPP, Gulf plans to continue to inspect and maintain, on average, approximately 1,600 miles annually, including approximately 600 miles for NERC transmission line corridors and approximately 1,000 miles for non-NERC transmission line corridors.

3. Cost Estimates

The vast majority of Vegetation Management – Transmission Program costs are associated with annual inspections and the execution of planned work to address identified conditions, which is performed by several approved Gulf contractors throughout Gulf's system. Other vegetation management costs include costs associated with day-to-day restoration activities (e.g., summer afternoon thunderstorms), removals, debris cleanup, and management of the program. Total estimated Vegetation Management – Transmission Program costs for 2020-2029, the vast majority of which are operating expenses, are provided below:

	Total Program Costs (millions)	**Annual Average Program Costs (millions)**
2020-2022	$8.2	$2.7
2020-2029	$28.3	$2.8

Further details regarding the SPP estimated Vegetation Management – Transmission Program costs, including estimated annual capital expenditures and operating expenses are provided in the Appendix C.[15]

4. Comparison of Costs and Benefits

As provided in Section IV(G)(3) above, during 2020-2029, total costs for Gulf's Vegetation Management – Transmission Program average approximately $2.8 million per year. Benefits are discussed in Sections II and IV(G)(1)(b) above.

5. Criteria used to Select and Prioritize Programs

Priority vegetation conditions and hazard tree conditions are identified prior to storm season and are used to prioritize activities. Additionally, prior to and during the storm season, Gulf conducts aerial inspections of transmission corridors to identify hazard trees and any priority vegetation locations. Priority vegetation conditions and hazard tree conditions identified through aerial inspections are prioritized and addressed as soon as possible.

V. Detailed Information on the First Three Years of the 2020-2029 SPP

A. Detailed Description for the First Year of the SPP (2020)

The following additional information required by Rule 25-6.030(3)(e)(1), F.A.C., for the first year of the SPP (2020) is provided in Appendix C: (1) the actual or estimated construction start and completion dates; (2) a description of the affected existing facilities, including number and type(s) of customers served, historic service reliability performance during extreme weather conditions, and how this data was used to prioritize the proposed storm protection project; and (3) a cost estimate including capital and operating expenses. A description of the criteria used to select and prioritize proposed storm protection projects is included in the description of each SPP program provided in Section IV.

[15] *See* footnote 8.

B. Detailed Description of the Second and Third Years of the SPP (2021-2022)

Additional details required by Rule 25-6.030(3)(e)(2), F.A.C., for the second and third years of the SPP (2021-2022), including the estimated number and costs of projects under every program, is provided in Appendix C.

VI. Estimate of Annual Jurisdictional Revenue Requirements for the 2020-2029 SPP

Pursuant to Rule 25-6.030(3)(f), F.A.C., the table below provides the estimated annual jurisdictional revenue requirements for each year of the SPP.

	Estimated Annual Revenue Requirements (millions)
2020	$11.7
2021	$20.5
2022	$31.5
2023	$42.1
2024	$52.4
2025	$62.3
2026	$71.9
2027	$81.3
2028	$90.4
2029	$99.3

While Gulf has provided estimated costs by program as of the time of this filing and associated total revenue requirements in its SPP, consistent with the requirements of Rule 25-6.030, F.A.C., subsequent projected and actual program costs submitted for cost recovery through the Storm Protection Plan Cost Recovery Clause (per Rule 25-6.031, F.A.C.,) could vary by as much as 10-15%, which would then also impact associated

estimated revenue requirements and rate impacts. The projected costs, estimated costs, actual costs, and true-up of actual costs to be included in Gulf's Storm Protection Plan Cost Recovery Clause will all be addressed in subsequent filings in separate storm protection plan cost recovery clause dockets pursuant to Rule 25-6.031, F.A.C.[16]

VII. Estimated Rate Impacts for First Three Years of the SPP (2020-2022)

Gulf anticipates the programs included in the SPP will have zero bill impacts on customer bills during the first year of the SPP and only minimal bill increases for years two and three of the SPP. An estimate of hypothetical overall rate impacts for the first three years of the SPP (2020-2022) as stated in footnote 17 below are based on the total program costs reflected in this filing, without regard for the fact that pursuant to a Commission-approved settlement agreement, Gulf remains under a general base rate freeze until base rates are next established by the Commission.[17] The projected costs, estimated costs, actual costs, and true-up of actual costs to be included in Gulf's Storm Protection Plan Cost Recovery Clause will all be addressed in subsequent filings in separate storm protection plan cost recovery clause dockets pursuant to Rule 25-6.031, F.A.C.[18]

Pursuant to Rule 25-6.031, F.A.C., Gulf has not identified any reasonable implementation alternatives that could mitigate the resulting rate impact for each of the first three years of the SPP. As explained above, Gulf's SPP is largely a continuation of existing Commission-approved storm hardening programs and initiatives, which have already

[16] The Commission has opened Docket No. 20200092-EI to address Storm Protection Plan Cost Recovery Clause petitions to be filed the third quarter of 2020.

[17] Pursuant to Rule 25-6.030(3)(h), F.A.C., the hypothetical rate impacts for Gulf's typical residential, commercial, and industrial customers for the first three years of the SPP (2020-2022) without regard for the fact that pursuant to a Commission-approved settlement agreement, Gulf remains under a general base rate freeze until base rates are next established by the Commission, are as follows for 2020, 2021, and 2022, respectively: Residential (RS) $0.00118/kWh, $0.00206/kWh, and $0.00317/kWh; Commercial (GSD) $0.00102 /kWh, $0.00177/kWh, and $0.00270/kWh; and Industrial (PX) $0.00087/kWh, $0.00158/kWh and $0.00240/kWh. These rate impacts are for all programs included in the SPP and are based on the total estimated costs as of the time of this filing, which could vary by as much as 10% to 15%, regardless of whether those costs will be recovered in Gulf's Storm Protection Plan Cost Recovery Clause or through base rates.

[18] See footnote 16.

demonstrated that they have and will continue to provide increased T&D infrastructure resiliency, reduced restoration time, and reduced restoration costs when Gulf's system is impacted by severe weather events. Further, the estimated costs for the programs included in Gulf's proposed SPP are consistent with the historical costs incurred for the existing storm hardening and storm preparedness programs, which were most recently approved in Gulf's 2019-2021 Storm Hardening Plan.

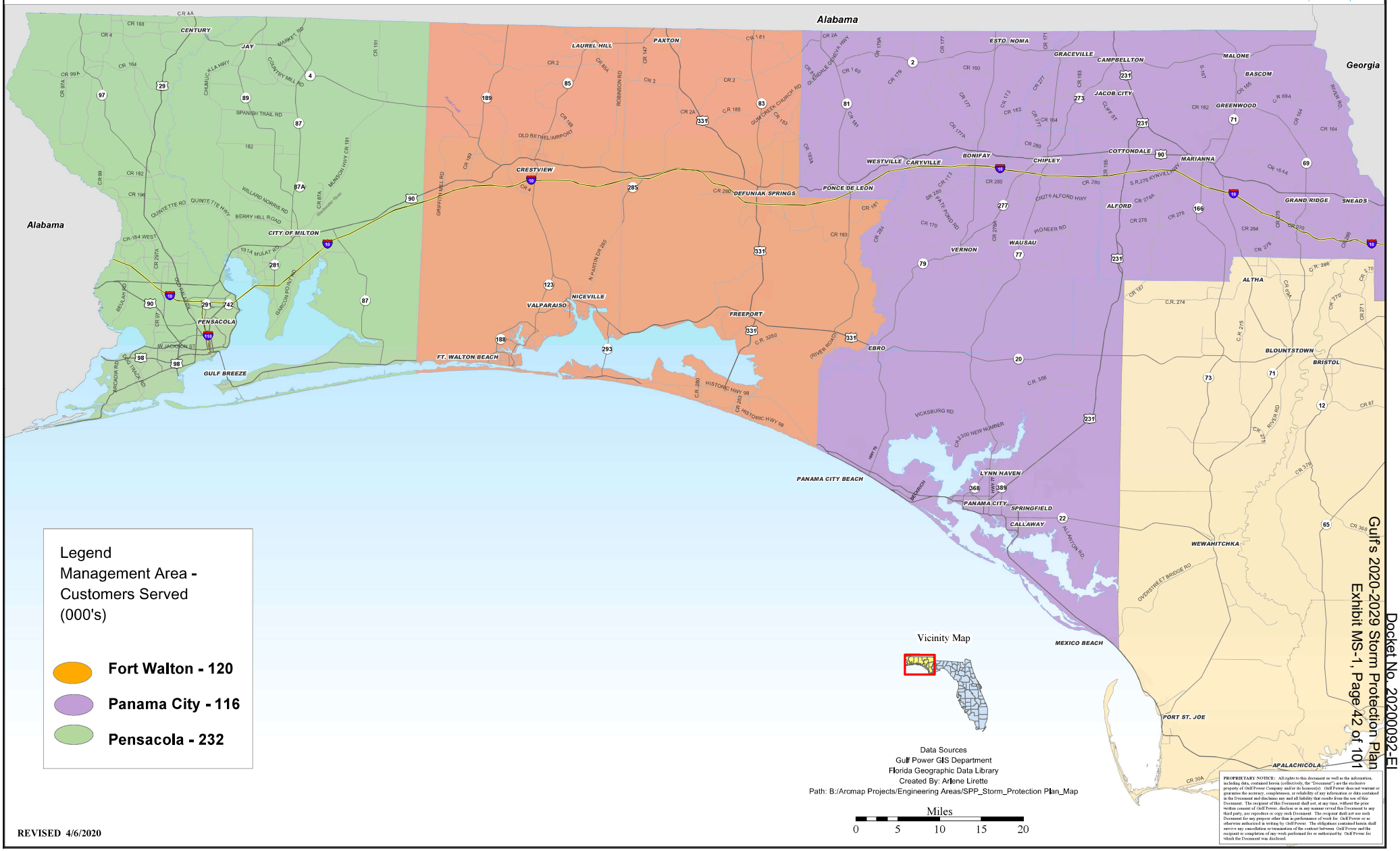
VIII. Conclusion

The Florida Legislature has determined that it is in the State's interest to "strengthen electric utility infrastructure to withstand extreme weather conditions by promoting the overhead hardening of distribution and transmission facilities, undergrounding of certain distribution lines, and vegetation management," and for each electric utility to "mitigate restoration costs and outage times to utility customers when developing transmission and distribution storm protection plans." Section 366.96(1), F.S. Based on these findings, the Florida Legislature concluded that it is in the State's interest for each electric utility to develop and file a SPP for the overhead hardening and increased resilience of electric T&D facilities, undergrounding of certain electric distribution facilities, and vegetation management. See Sections 366.96(1) - (3).

Gulf's SPP is a systematic approach to achieve the legislative objectives of reducing restoration costs and outage times associated with extreme weather events and enhancing reliability. As explained above, Gulf's SPP is largely a continuation and expansion of its existing storm hardening and storm preparedness programs previously approved by the Commission, as well as a new distribution lateral undergrounding program to target certain overhead laterals for conversion from overhead to underground. Based on the recent experiences of Hurricane Michael, these existing storm hardening programs have a demonstrated and proven track record of mitigating and reducing restoration construction man-hours, outage times, and storm restoration costs, as well as improving day-to-day reliability. Gulf's SPP will continue and expand these important benefits to customers and the State.

APPENDIX A
(Gulf's Management Areas)

Management Area/Customers Served



REVISED 4/6/2020

Gulf's 2020-2029 Storm Protection Plan
Exhibit MS-1, Page 42 of 101

Docket No. 20200092-EI

APPENDIX B

(Hurricane Michael Forensic Analysis)

POST-STORM DATA FORENSICS ANALYSIS

Forensics Analysis on Hurricane Michael Storm Damage Survey Data

Gulf Power Company

Document No.: 10129258-HOU-PSFAR-01-B
Date: May 24, 2019

Project name:	Post-Storm Data Forensics Analysis	DNV GL Energy Insights USA, Inc.
Report title:	Forensics Analysis on Hurricane Michael Storm Damage Survey Data	Energy Advisory 1400 Ravello Drive
Customer:	Gulf Power Company	Katy, TX
Customer contact:	Catherine S. Flory	77449
Date of issue:	May 24, 2019	Tel: (303) 808-9795
Project No.:	10129258	
Organization unit:	Operational Excellence	
Report No.:	1 [Rev.2]	
Document No.:	10129258-HOU-PSFAR-01-B	

Applicable contract(s) governing the provision of this Report:

Objective:

Prepared by:	Verified by:	Approved by:
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Rev. No.	Date	Reason for Issue	Prepared by	Verified by	Approved by
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Table of contents

1 EXECUTIVE SUMMARY 1
1.1 Approach to Data Collection 1
1.2 Storm Data Forensics Analysis Methodology 1
1.3 Conclusions of the Root Cause Analysis 1
1.4 Definitions 2
1.5 Disclaimer 2

2 INTRODUCTION 3
2.1 Background of Event 3
2.2 Scope of this Assessment 3

3 APPROACH AND METHODOLOGY 4
3.1 Initial Storm Track Assessment 4
3.2 Post-Storm Data Collection 5
3.3 Storm Data Forensics Analysis 9
3.4 Correlating Weather Data to Storm Damage 10
3.5 Interpolation vs. Extrapolation 13

4 STORM DATA FORENSICS ANALYSIS 14
4.1 Available Data 14
4.2 Distribution Pole Population Data 14
4.3 Damage Report Data 16
4.4 Confidence level 20
4.5 Urban vs. rural and age analysis 20
4.6 Analysis of flood impacted areas 22

5 DAMAGE EXTRAPOLATION ANALYSIS 24
5.1 Description of Map Grid Cells 24
5.2 Key Assumptions for Extrapolation Analysis 24
5.3 Correlation of Weather Data to Storm Damage 25
5.4 Results of Extrapolation 28

6 STORM DATA FORENSICS ANALYSIS CONCLUSION 29

Appendices

APPENDIX A FAILURE RATES BY DISTRIBUTION AND STREETLIGHT POLE PER SURVEY IN THE EASTERN DISTRICT

List of exhibits

Figure 3-1 Hurricane Michael Predicted Path and Severity Map 4
Figure 3-2 Hurricane Michael Storm Path and Likely Extent of Winds Above 57 mph (50 Knots) 5
Figure 3-3 Gulf Power Eastern Office Service Area Map 6
Figure 3-4 Interpolated Maximum Sustained Wind Speeds 7
Figure 3-5 Interpolated Wind Gust 7

Figure 3-6 Outage Map Example at 0930 Hour 09/11/2017 8
Figure 3-7 Distribution Pole Density 8
Figure 3-8 Interpolated Maximum Wind Speed 12
Figure 3-9 Interpolated Maximum Wind Gusts 12
Figure 4-1 Graph of Pole Population by Material Type for Eastern District 15
Figure 4-2 Total Gulf Power Distribution Pole Density Map 16
Figure 4-3 Land Cover Classification 21
Figure 4-4 Coastal Storm Surge and Flood Area Map with Damage Survey Data 23
Figure 4-5 Inland Storm Surge and Flood Area Map with Damage Survey Data 23
Figure 5-1 Failure rates of average wind speed and maximum wind gust (mph) 28
Figure 5-2 Extrapolated Gulf Power Damages to the Eastern District Service Area 29

Table 3-1 Damage Categories from Survey 9
Table 3-2 Damage root cause 10
Table 3-3 List of the stations where sustained wind speeds and gusts were extracted 11
Table 4-1 Total Gulf Power pole population by material type in Eastern District 14
Table 4-2 Classification of Gulf Power wooden poles 15
Table 4-3 Failure rates by distribution and streetlight pole per survey data in the Eastern District (n≥30) 18
Table 4-4 Failure and impacted rates of wooden poles by class from damage survey records 19
Table 4-5 Damaged circuit and pole type by root cause 19
Table 4-6 Gulf Power damage type by root cause 20
Table 4-7 Number of damaged and impacted poles per grid zone type in the surveyed sample 20
Table 5-1 Gulf Power grid cells by urban and rural areas in the Eastern District 24
Table 5-2 Gulf Power distribution and transmission poles, street lights by grid zone type in the Eastern District 24
Table 5-3: Linear regression of average wind speed and maximum wind gust (mph) 26
Table 5-4: Dependent Variable: Imputed individual pole failure rate 27

1 EXECUTIVE SUMMARY

This storm data forensics analysis report provides Gulf Power Company (Gulf Power) an overall assessment of the damages caused by Hurricane Michael (October 2018) to energy delivery poles and other structures in the Eastern District of its service area. It is intended to summarize the impacts to Gulf Power's distribution system from the storm and characterize root causes of the damage.

DNV GL Energy Insights USA, Inc. (DNV GL) performed this independent analysis of the storm damage data received from Gulf Power. In producing this report, DNV GL strived to provide a balanced report that includes an overview of the surveyed damage, a root cause analysis of asset failures, and the correlation of available weather conditions during the storm to the damage across the service area.

1.1 Approach to Data Collection

The sources of information used by DNV GL for this forensics analysis were primarily provided by Gulf Power. Some supplementary data was gathered by DNV GL to assist in the analysis including data from the National Oceanic and Atmospheric Administration (NOAA). Following the storm, which made landfall on October 10th, 2018, Osmose Utilities Services, Inc., under contract to Gulf Power, conducted a storm damage survey. The survey was conducted between October 11th and 13th, 2018. The scope of the survey was determined by Gulf Power and Osmose. Information on pole structures, underground transformers and junctions was gathered. This data, as well as other information about the Gulf Power system, including photographs of the damage and a database of geo-locational features was provided to DNV GL on Dec. 15th, 2018. Gulf Power also provided weather data from weather stations within and around the service area. This information formed the basis of the forensics analysis.

1.2 Storm Data Forensics Analysis Methodology

DNV GL used asset and storm damage survey data to perform a statistical analysis of damage and correlate potential contributing factors with impacts across the territory. To accomplish this, DNV GL produced one square mile grid cells for the utility's service area, with each grid containing a variety of factors such as maximum wind speed, maximum wind gust, geography, class and material type of distribution poles and density of assets within the area.

Using regression analysis and logit models, the storm damage survey data was correlated with weather data and other conditions. Accounts of damage (including broken poles, broken cross arms, wires down) were used to determine a failure probability in relation to wind speeds. The failure probabilities were then extrapolated to a 1-mile by 1-mile map grid across the Eastern District of the Gulf Power service area to provide an overall expected failure rate for the service area.

1.3 Conclusions of the Root Cause Analysis

Contributing factors for damage included in this analysis were wind speed, tree hitting pole and/or conductor, debris hitting pole, cross arm and/or conductor. Based on root cause analysis of data, the following conclusions were drawn:

- Pole damage (broken) and downed conductors was predominately due to wind-caused damage to trees (nearly 68% of the damage overall)
- Nearly 28% of the damage documented in the survey was due to wind only
- Damage showed a higher correlation with wind-gusts than with sustained wind speeds

- Urban versus rural settings showed no statistically significant correlation to damage; however, a substantial decrease in the damage rate in poles installed after 2007 was found (30-32% damage rate pre-2007; 11-14% damage rate 2007 and beyond).
- Areas considered 100-year flood-zones, or which have the potential to be impacted by storm surge showed no correlation with the damage[1]
- Considering that the area was not known to have been considerably affected by storm surge, underground transformers and junction structures were found to have very low failure rates (0.01%) based on survey data
- Of the damaged wooden poles surveyed, Class 3, Class 5, and Class 6 poles had a failure rate of 28%-33%, whereas Class 2 poles showed a 9% failure rate
- A 23% failure rate for all poles due to wind alone, falling trees or limbs, or other debris, may be expected when wind gusts exceed 85 mph according to the survey data collected.

Based on these findings, the expected total infrastructure damage rate for all areas affected by the storm in the Eastern District of Gulf Power was estimated to be 30% for all distribution poles. This is based on the extrapolated survey data and may be used to gauge overall performance of the system based on actual failure rates. It should be noted that this extrapolation is likely statistically biased in that only heavily impacted areas were surveyed.

The survey data as well as the analysis does indicate however, that newer construction standards and stronger pole classes (Class 2) outperformed those poles installed to older standards or those that were of Class 3, 5 or 6. This suggests that investments in storm hardening could reduce the extent of outages as well as restoration times from future storm events.

1.4 Definitions

The following definitions were used by DNV GL in this analysis:

Impacted or Damaged Infrastructure – This term is used to classify all poles or structures, leaning or broken that may or may not have been affected from the storm.

Broken Pole – A pole that failed due to the storm.

Damaged Conductor – Downed wires.

Broken Cross Arm – A damaged cross arm that required repair or replacement.

1.5 Disclaimer

The forensics data analysis performed as part of this post-storm assessment is based on the information provided by Gulf Power Company and Osmose, and publicly available data. DNV GL did not conduct field measurements in Gulf Power's service areas and therefore cannot accept liability for the accuracy of the data supplied to it.

[1] Data indicating the actual areas of flooding or extent of storm surge from Hurricane Michael were not available at the time of this analysis. To assess possible correlations between flooding or storm surge and damage, DNV GL reviewed FEMA 100-year flood plain maps and maps indicating areas of potential storm surge published by the National Hurricane Center data in relation to storm damage survey data.

2 INTRODUCTION

2.1 Background of Event

Hurricane Michael was a powerful Category 5 hurricane that made landfall near Mexico Beach, Florida at 12:30 PM CDT on October 10, 2018. At that time, the storm had estimated maximum sustained winds of 140 knots (~161) mph[2]. The storm was the fourth-strongest storm to make landfall in the U.S. and the most intense storm experienced by the Florida Panhandle on record.

Following the hurricane, Gulf Power contacted DNV GL with a desire to activate a data forensics analysis contract. These contracts are used to analyze storm damage data and summarize the impacts of the storm to Gulf Power's system as well as assess the root causes of the damage. Upon issuance of the contract, DNV GL worked with Gulf Power to obtain the necessary data to conduct the analysis.

2.2 Scope of this Assessment

This report documents the approach, methodology, and results of the storm data forensics analysis performed by DNV GL. The work scope for this assessment includes performing a forensics analysis on a sample of utility pole and structure data collected by Osmose Utilities, Inc. (Osmose), under contract to Gulf Power. Data collected by Osmose included storm impacted and damaged poles and structures, conductors, and other equipment. In assessing the damage data, Gulf Power had an interest in assessing damage to pole structures and the performance of underground transformers as well as junction structures in the area. DNV GL used the survey data as well as weather data recorded during the storm to perform the analysis and determine the root cause of failures.

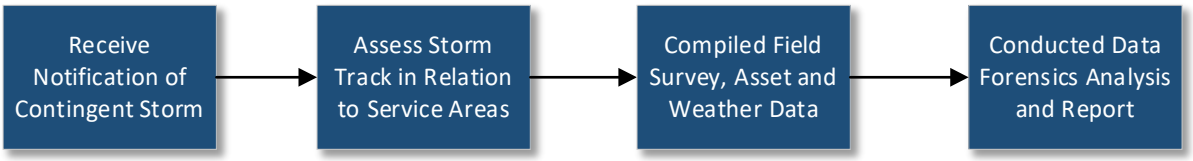
To accomplish this, DNV GL performed the following:

- Analyzed storm pattern to identify areas of probable impact and damage
- Defined a 1-mile by 1-mile grid map to assist in analyzing field survey data
- Analyzed data on storm damaged pole and impacted structures according to the field survey
- Correlated available weather data and geographical conditions to observed failures
- Performed a root cause analysis on damaged assets
- Extrapolated expected failure rates to the Eastern District of the Gulf Power service area
- Documented work and results of the data analysis in a report

[2] J. Beven, R. Berg and A. Hagan, National Hurricane Center, "Tropical Cyclone Report, Hurricane Michael", May 17, 2019

3 APPROACH AND METHODOLOGY

The storm data forensics analysis process is described as shown in the following flow diagram:



3.1 Initial Storm Track Assessment

A storm track assessment was performed to assess the direction and intensity of the storm as it passed over Florida and understand the areas of most probable damage. This involved using information available publicly to identify the path and intensity of Hurricane Michael as it relates to Gulf Power's service area. The National Oceanic and Atmospheric Administration – National Hurricane Center (NOAA-NHC) was the source of this information. NOAA-NHC provides data that shows the location of the storm at specific times along its course as well as the projected extent of high winds prior to the storm making landfall. Figure 3-1 shows the likely path of the hurricane as of 10:00 P.M. on Tuesday, October 9, 2018. Figure 3-2 presents the hurricane track and likely winds as of 10:00 A.M. on October 10, 2018. The storm made landfall at about 12:30 P.M. on October 10 with the center of the storm tracking just east of Panama City, FL.

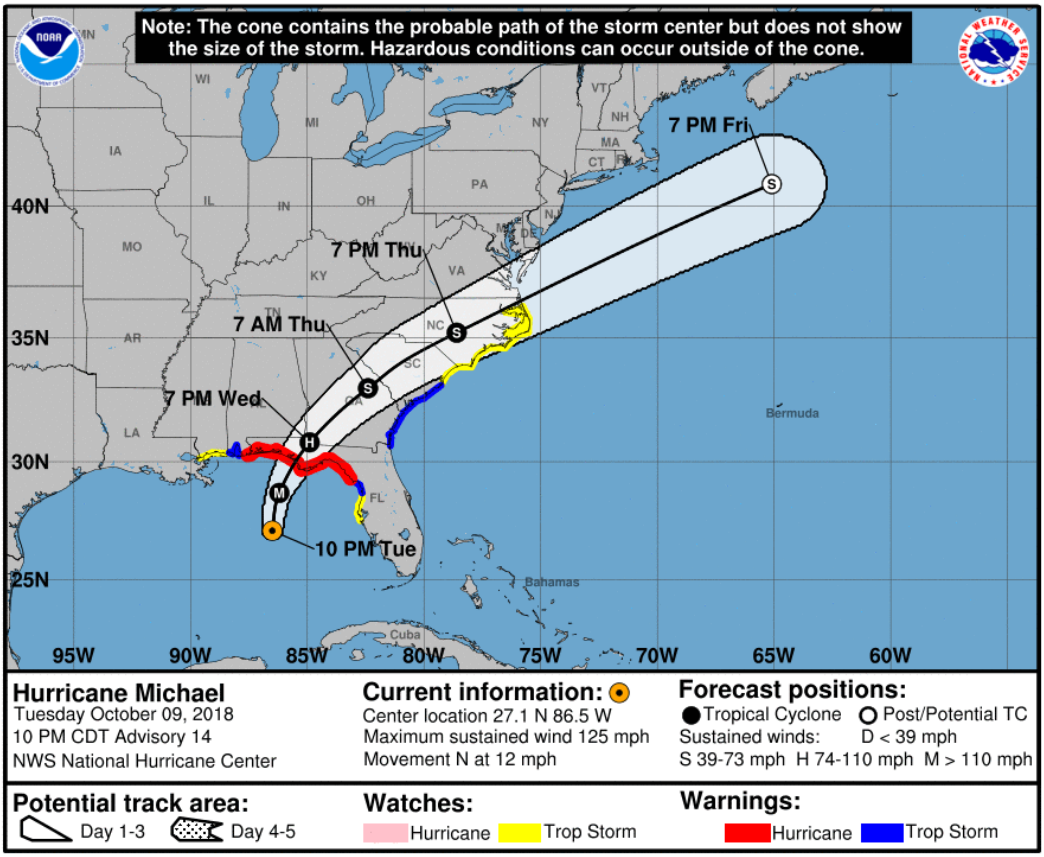


Figure 3-1 Hurricane Michael Predicted Path and Severity Map

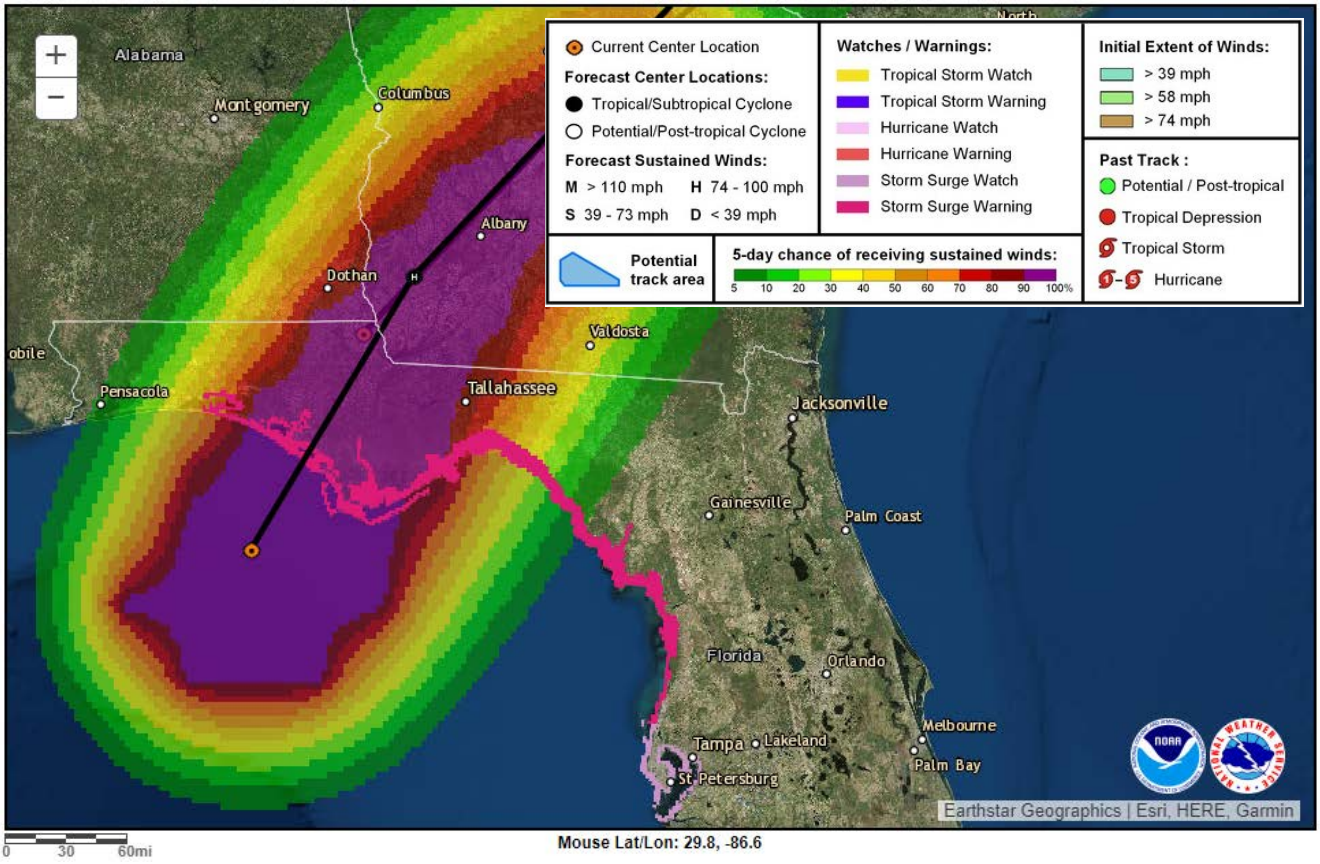


Figure 3-2 Hurricane Michael Storm Path and Likely Extent of Winds Above 57 mph (50 Knots)

3.2 Post-Storm Data Collection

Gulf Power provided DNV GL with pole and structure data for their entire service area. This data was combined with the storm track assessment to:

- Define 1-mile by 1-mile square grid cells to assess field survey data
- Assign grid cell identifiers to the Osmose field survey data
- Associate the survey data with the overall Gulf Power pole inventory

Survey areas for field data collected were determined by Gulf Power and Osmose. Much of the damage was concentrated in the Eastern District of the Gulf Power service area (Figure 3-3) near Panama City. This area experienced a category 5 severity storm with estimated sustained winds of up to 161 mph and was considered the priority area. When these conditions occur, catastrophic damage is expected. Hurricane Michael resulted in more than 45,000 structures being damaged in Bay County alone with an estimated $18.4 billion of losses total in Florida[3]. The survey had to be performed in a timely manner before significant

[3] J. Beven, R. Berg and A. Hagan, National Hurricane Center, "Tropical Cyclone Report, Hurricane Michael", May 17, 2019

restoration activities began. The survey was conducted on above ground assets and underground transformers in order to determine the performance of both during this type of event.

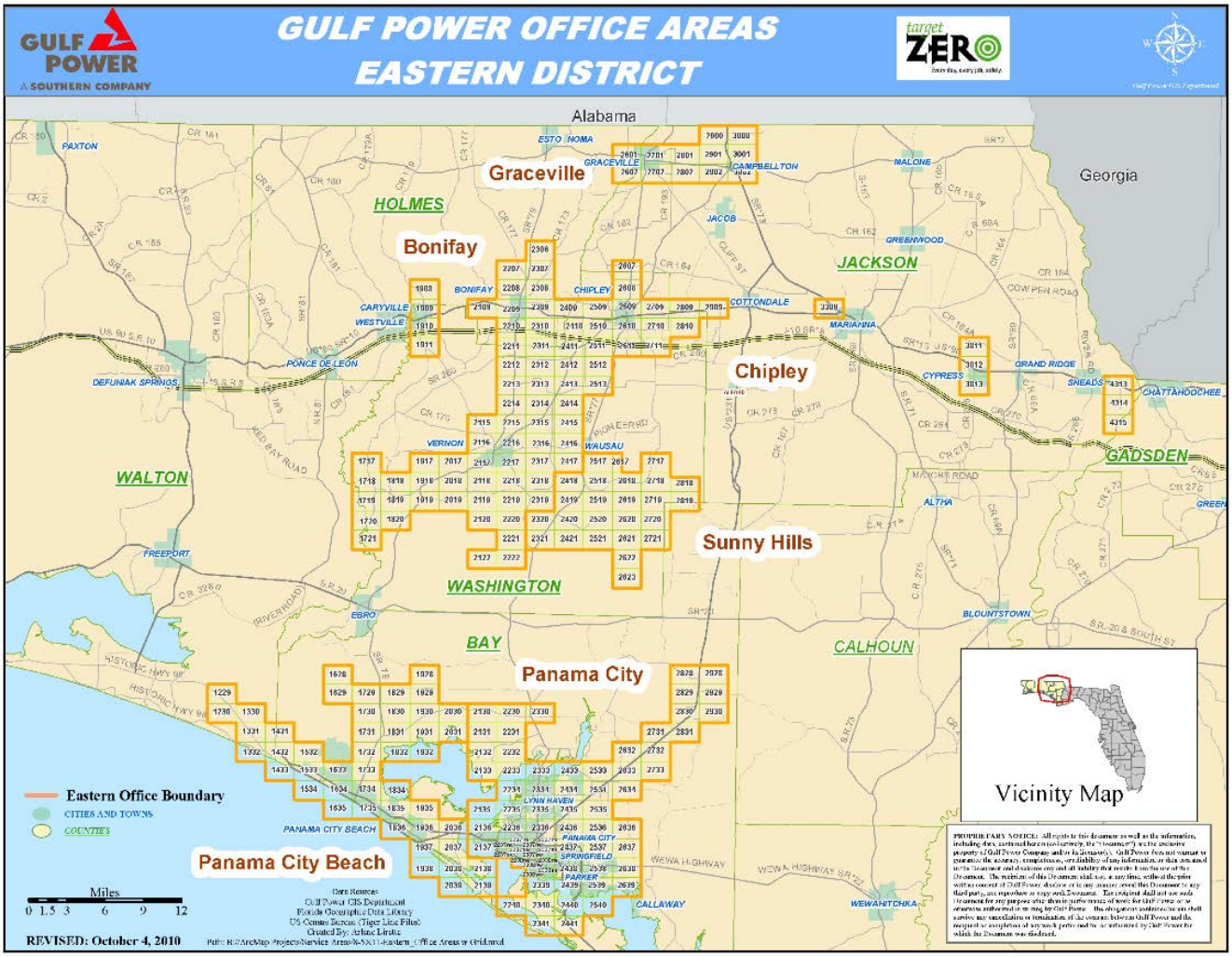


Figure 3-3 Gulf Power Eastern Office Service Area Map

Based on available weather station data, DNV GL interpolated wind speeds and wind gusts across the Gulf Power service area. The interpolated maximum sustained wind speeds, interpolated wind gusts are shown in Figures 3-4 and 3-5. Note that the weather station locations are labeled in each figure. Figure 3-6 shows the outage information as of October 16, 2018 for the service area, Figure 3-7 provides the pole density for the service area.

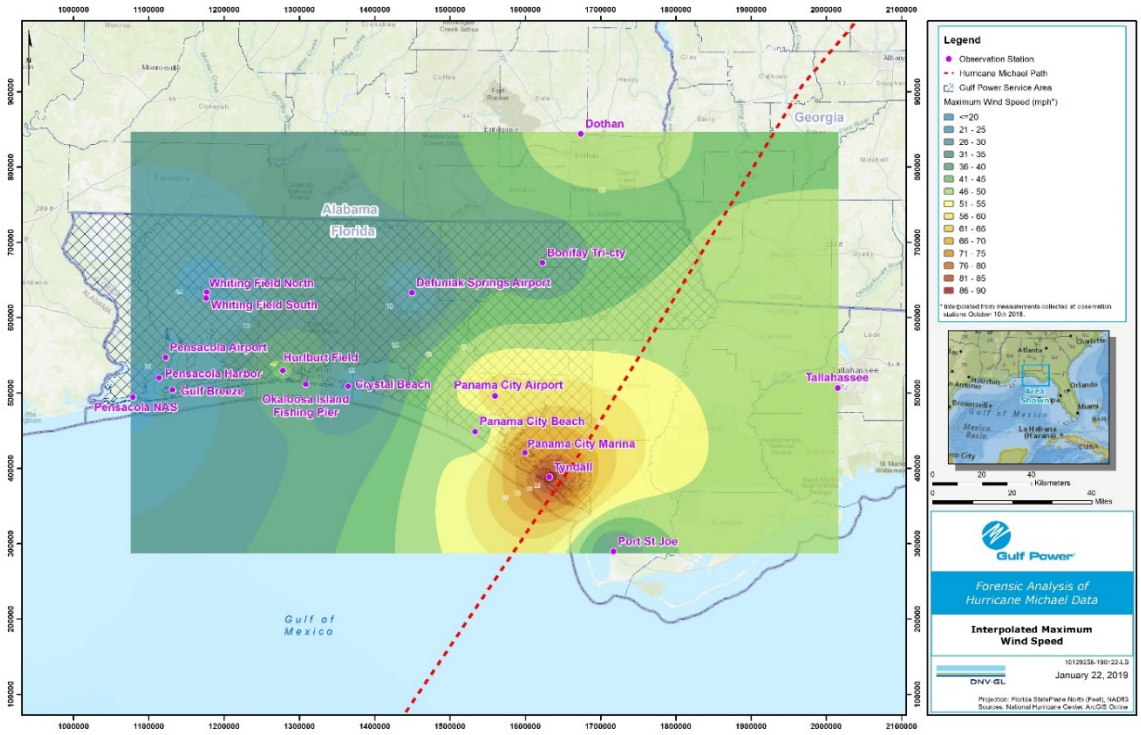


Figure 3-4 Interpolated Maximum Sustained Wind Speeds

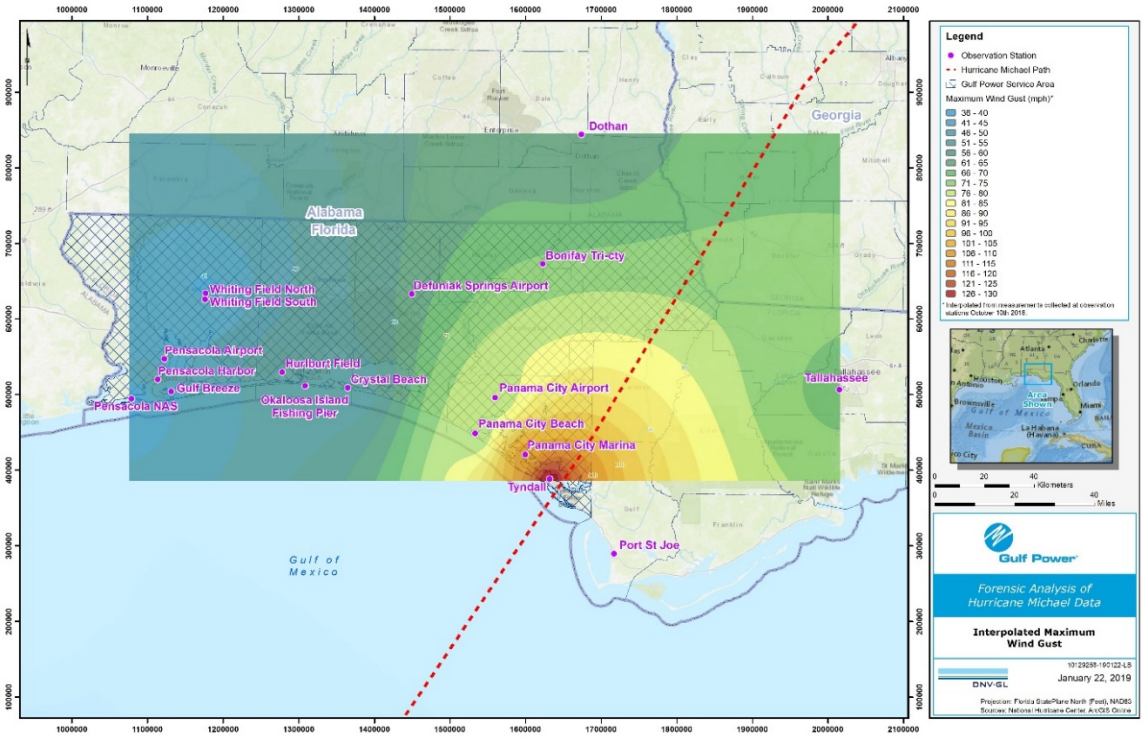
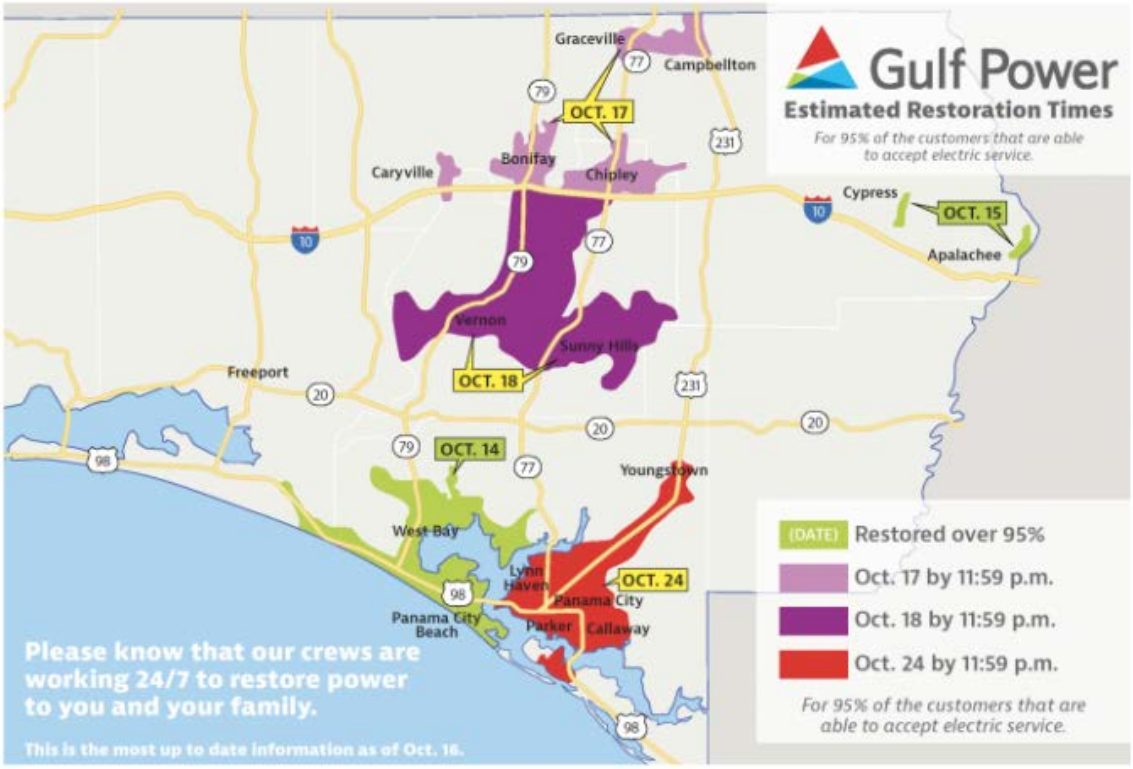


Figure 3-5 Interpolated Wind Gust[4]

[4] Maximum wind gusts were not recorded at Port St. Joe; therefore, wind gusts could not be interpolated south of Tyndall



Estimated Restoration Times as of 10/16/18 a.m.

Figure 3-6 Outage Map Example at 0930 Hour 09/11/2017

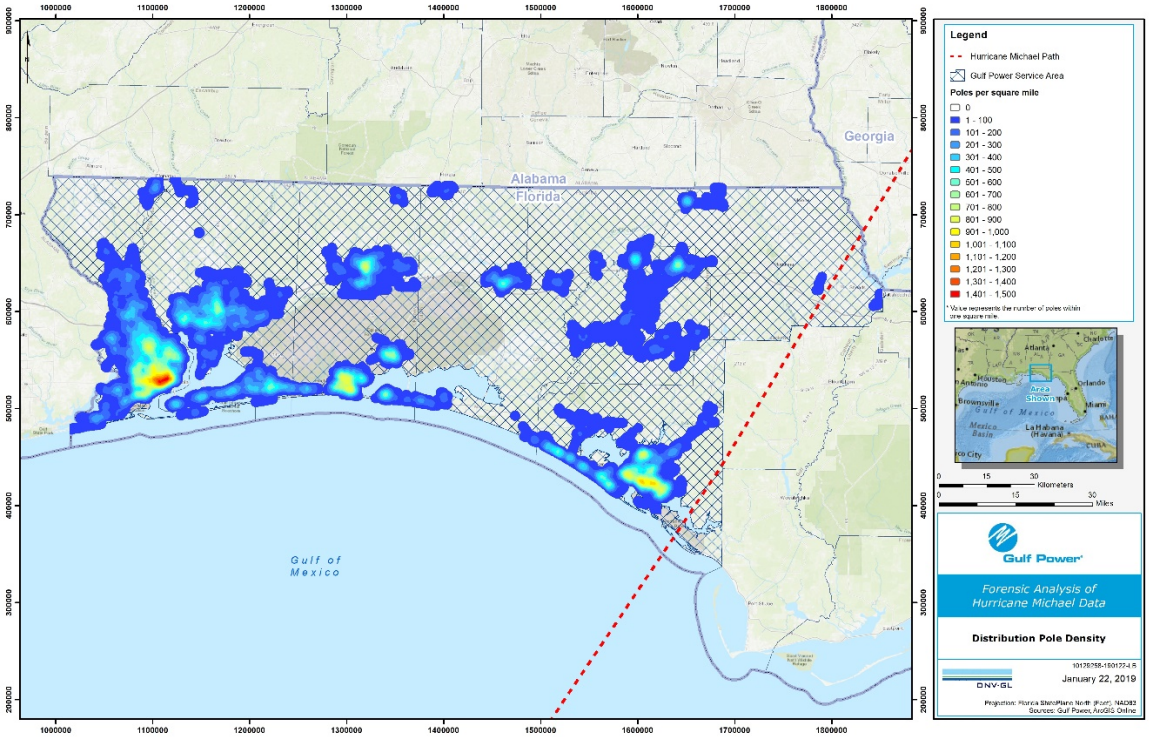


Figure 3-7 Distribution Pole Density

Osmose personnel performed the field survey in accordance with the plan developed with Gulf Power and collected impact and damage information to energy delivery poles, structures, conductors, and other equipment. This information was provided to DNV GL by Gulf Power for the analysis.

In all, 1,171 poles, 519 underground transformers, and 90 junctions were surveyed for a total of 1,780 structures. Of the 1,171 surveyed poles, 319 were damaged. The categories of reported impact, damage and quantities for poles were as shown in Table 3-1.

Table 3-1 Damage Categories from Survey

Damage description	Quantity
Conductor Down	168
Broken Pole	90
Leaning Pole	53
Cross Arm Broken	3
Other	4
Underground Dip Exposed	1
Total	**319**

The post storm data provided for underground transformers (n=519) and junctions (n=90) are limited in that only the status of the structure and the stated cause of damage were observed. For underground transformers, only four structures were damaged with two being damaged from debris on the transformer and two being damaged from being shifted. For junctions, only one structure was damaged due to the underground transformer being exposed. Given that systems were not energized at the time of the damage survey, it's possible that additional failures may have been experienced when systems were energized or upon further inspections.

3.3 Storm Data Forensics Analysis

DNV GL performed a forensics analysis on the storm damage survey data. The process includes:

- Compiling and cleaning the field survey data collected
- Summarizing impact and damage report data
- Developing a geo-locational based 1-mile by 1-mile grid for the Gulf Power service area
- Determining the pole failure rate by grid cells
- Analyzing contributing factors and associating the damage with a root cause

In conducting the storm damage survey, the survey team noted the likely contributing factors that caused the damage to the poles or structure. For this analysis, DNV GL merged the variations of contributing factors for each record into one root cause as shown in Table 3-2.

Table 3-2 Damage root cause

Root cause	Contributing factor 1	Contributing factor 2
Wind only	Wind	Wind
	Wind	Other
Wind & Tree	Wind	Tree
	Tree	Wind
	Tree	Tree
	Tree	[Blank]
Tree & Other	Tree	Other
	Other	Tree
Wind & Other	Wind	Other
	Other	Wind
Other	Other	Other
	[Blank]	Other
	Other	[Blank]

Section 4 of this report provides the results of this analysis including findings on the relationship between the impact and damage data and the root cause for pole, underground transformers and junction related damage.

3.4 Correlating Weather Data to Storm Damage

The analysis of contributing factors to the storm damage were based on weather data collected during the storm event at weather stations in the region. Weather information, including maximum sustained wind speed, wind direction and pressure, was obtained from 18 meteorological stations in the Gulf Power geographic area. The stations used are listed below in the following table. It should be noted that these observation sites were likely not located where maximum storm intensities could be sampled, which is typical of landfalling hurricanes. According to the NWS report on Hurricane Michael (May 2019), weather station observations were found to be below best track intensity estimates[5].

[5] J. Beven, R. Berg and A. Hagan, National Hurricane Center, "Tropical Cyclone Report, Hurricane Michael", May 17, 2019

Table 3-3 List of the stations where sustained wind speeds and gusts were extracted

FID	Name	Max. Speed	Max. Gust	Unit
1	Bonifay Tri-city	35.7	N/A	mph
2	Crystal Beach	27.6	50.8	mph
3	Defuniak Springs Airport	26.5	N/A	mph
4	Dothan	49.5	61.1	mph
5	Gulf Breeze	29.1	43.9	mph
6	Hurlburt Field	41.4	54.1	mph
7	Okaloosa Island Fishing Pier	36.5	51.5	mph
8	Panama City Airport	57.5	76	mph
9	Panama City Beach	44.8	74.7	mph
10	Panama City Marina	72	107	mph
11	Pensacola Airport	29.9	41.4	mph
12	Pensacola Harbor	21	53	mph
13	Pensacola NAS	20.8	35.8	mph
14	Port St. Joe	36	N/A	mph
15	Tallahassee	47.2	69.1	mph
16	Tyndall	86.3	129.1	mph
17	Whiting Field North	18.3	35.8	mph
18	Whiting Field South	28.9	45	mph

This weather data allowed DNV GL to identify the timeframe and duration of the storm duration as it crossed over Florida. The duration was used for calculating average and maximum sustained wind speeds as well as maximum wind gusts. Several weather stations were excluded due to inconsistencies in readings which may be due to the geographic location of the station or damage incurred during the storm. For example, stations located over water showed a higher average wind-speed than those on land. We found that other stations zeroed-out after a certain time during the storm, indicating that these stations were disabled and may have suffered damage during the event. To correlate the weather data with damage survey data DNV GL:

- Interpolated wind speeds between weather stations
- Assigned wind speed values to each 1-mile by 1-mile grid cell
- Associated maximum wind gusts and wind speeds with the pole failure rates by grid cell

Figure 3-8 provides a mapping of the interpolated maximum sustained wind speeds across the area. Maximum wind gusts are illustrated in Figure 3-9. As can be seen, both figures show the maximum wind gusts and winds speeds occurring south of Panama City, near Tyndall.

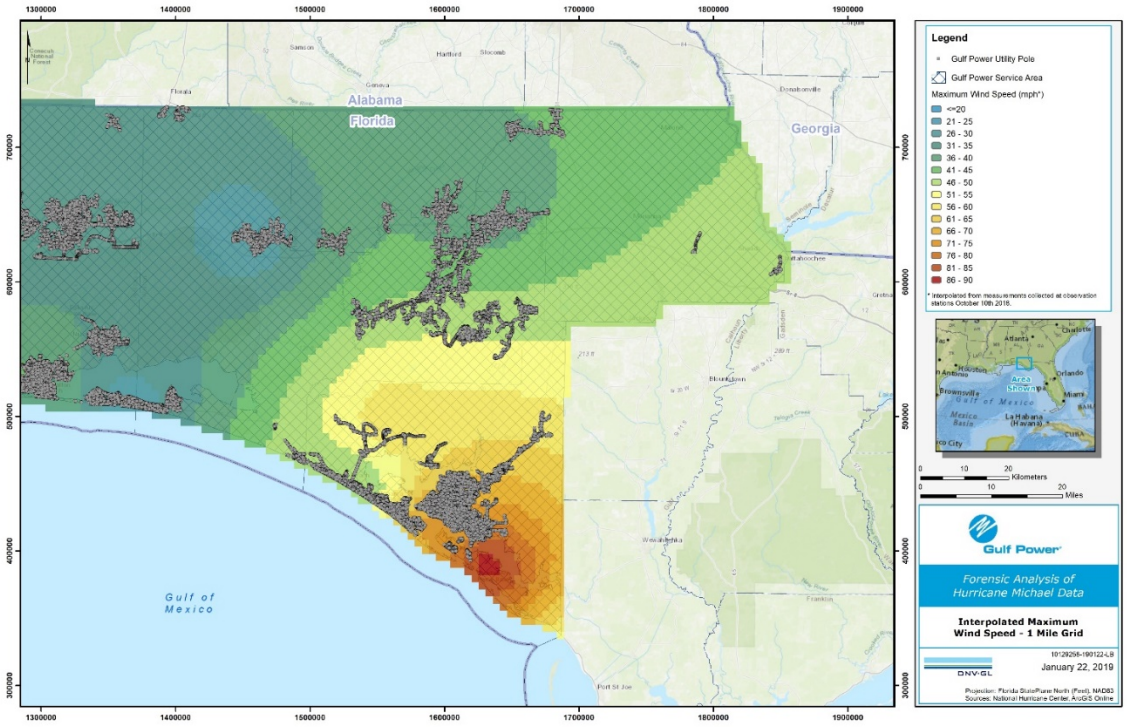


Figure 3-8 Interpolated Maximum Wind Speed

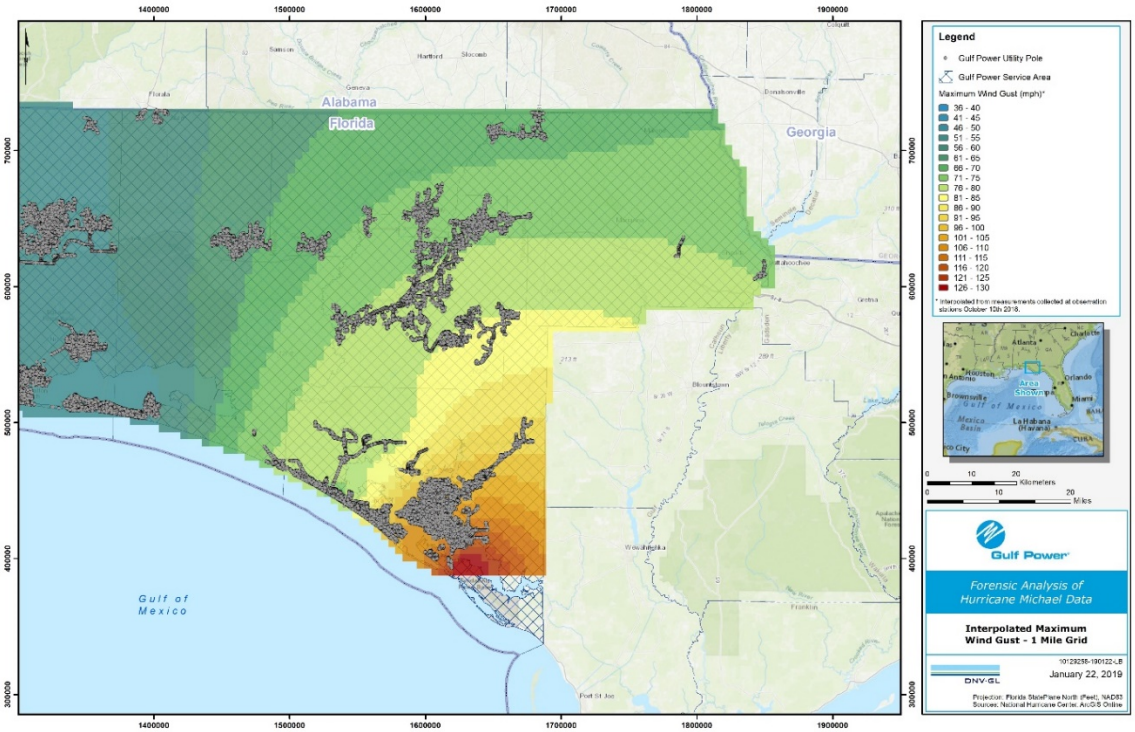


Figure 3-9 Interpolated Maximum Wind Gusts

3.5 Interpolation vs. Extrapolation

A key aspect to this forensics analysis is the difference between interpretation and extrapolation and how each was used. Interpolation was used when estimating between multiple known values. In the case of this analysis, the estimation of wind speeds and wind gusts between weather stations was interpolated based on recorded data at the stations. Extrapolation was used to make an estimate based on a sequence of information. In this case, the estimation of pole damage based on wind speeds to the service area was an extrapolation of information.

To produce the interpolated maps for this report (Figures 3-4, 3-5, 3-8 and 3-9), the maximum wind speed and maximum wind gust observed at 18 weather stations on October 10 was used. This data was provided by Gulf Power. The interpolation for each variable was conducted using inverse distance weighting (IDW) method to predict the values between multiple sets of points. In this technique, the measured values closest to the prediction location have more influence on the predicted value than those farther away. IDW assumes that each measured point has a local influence that diminished with distance. It gives greater weights to points closest to the prediction location, and the weights diminish as a function of distance. This technique does have limitations as it only considers distance to the measured location and does not consider local topography which can greatly influences wind speeds.

The estimated wind speed at each grid cell in the Gulf Power service area considered the distance of each cell from the weather stations as well as the wind contribution from all the stations. The equation for this is based on the weighted squared distance, where U is the interpolated wind speed, U_n is the known windspeed and r_n is the distance:

$$u = \frac{\left(\frac{u_1}{r_1^2} + \frac{u_2}{r_2^2} + \frac{u_3}{r_3^2} + \frac{u_5}{r_5^2}\right)}{\left(\frac{1}{r_1^2} + \frac{1}{r_2^2} + \frac{1}{r_3^2} + \frac{1}{r_4^2} + \frac{1}{r_5^2}\right)}$$

Extrapolation estimates were made by applying a known sequence of values to areas of unknowns with similar characteristics. For the storm data forensics analysis performed by DNV GL that follows, data extrapolation was applied to the grid cells in Eastern District of the utility service area where survey data was not collected to determine expected failure rates in those areas. The common characteristic used to extrapolate damage rate estimates was both the estimated maximum sustained wind speeds derived from the weather observation stations and maximum gusts.

4 STORM DATA FORENSICS ANALYSIS

DNV GL performed a thorough review and analysis of the available data to better understand impact and damage to the Gulf Power energy delivery infrastructure caused by Hurricane Michael. Findings with respect to the number of breakages, breakage rates, root causes, and explanations were documented in this report along with graphical maps to help visualize the information.

4.1 Available Data

Damage survey data collected by Osmose was used as the basis for the analysis. To assess the impact of the hurricane to Gulf Power's energy delivery system, DNV GL calculated a ratio of damaged poles/structures versus surveyed poles and structures and then evaluated the potential root causes. Significant effort was made to evaluate available information pertaining to pole or structure type, class, location, and other attributes.

4.2 Distribution Pole Population Data

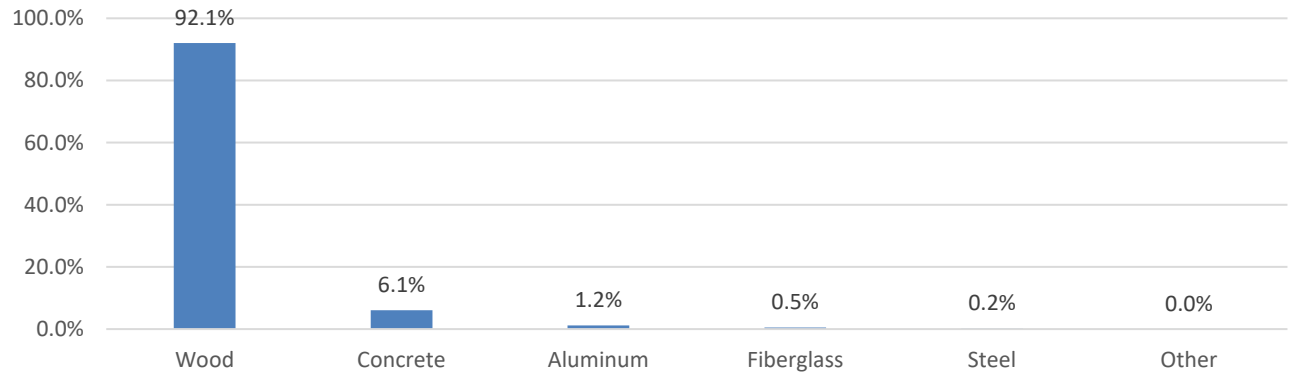
Geo-locational based pole record data provided by Gulf Power was processed and used for this analysis. This information served as the reference point for the resulting storm impacts and damages. This was the most accurate data source with respect to quantities, material and class of poles and other structures. Table 4-1 gives a summary of the pole population by material type for the Eastern District of the Gulf Power service area.

Table 4-1 Total Gulf Power pole population by material type in Eastern District

Type	Number of poles
Wood	54,068
Concrete	3,561
Aluminium	681
Fiberglass	312
Steel	101
Other	6
Unknown	962
Total	**59,691**

As shown in the table – and illustrated in Figure 4-1 – about 92% percent of the poles in the Eastern District of the Gulf Power service area are made from wood, with concrete poles being the second most common type at about 6% of the total population.

Figure 4-1 Graph of Pole Population by Material Type for Eastern District



Furthermore, the population of wooden poles by class, as shown in Table 4-2.

Table 4-2 Classification of Gulf Power wooden poles

	Class 0	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	H-class	Unk
Wood poles	5	755	451	10,837	192	36,261	5,223	44	30	270
% of wood poles	0.0%	1.4%	0.8%	20.0%	0.4%	67.1%	9.7%	0.1%	0.1%	0.5%

These poles are located largely along the coast in the Panama City area, but the Eastern District of the Gulf Power service area includes communities further inland to the northern Florida state border with Alabama. Figure 4-2 shows the pole densities in the eastern portion of the Gulf Power service area. The scale indicates the number of poles present in a specific area.

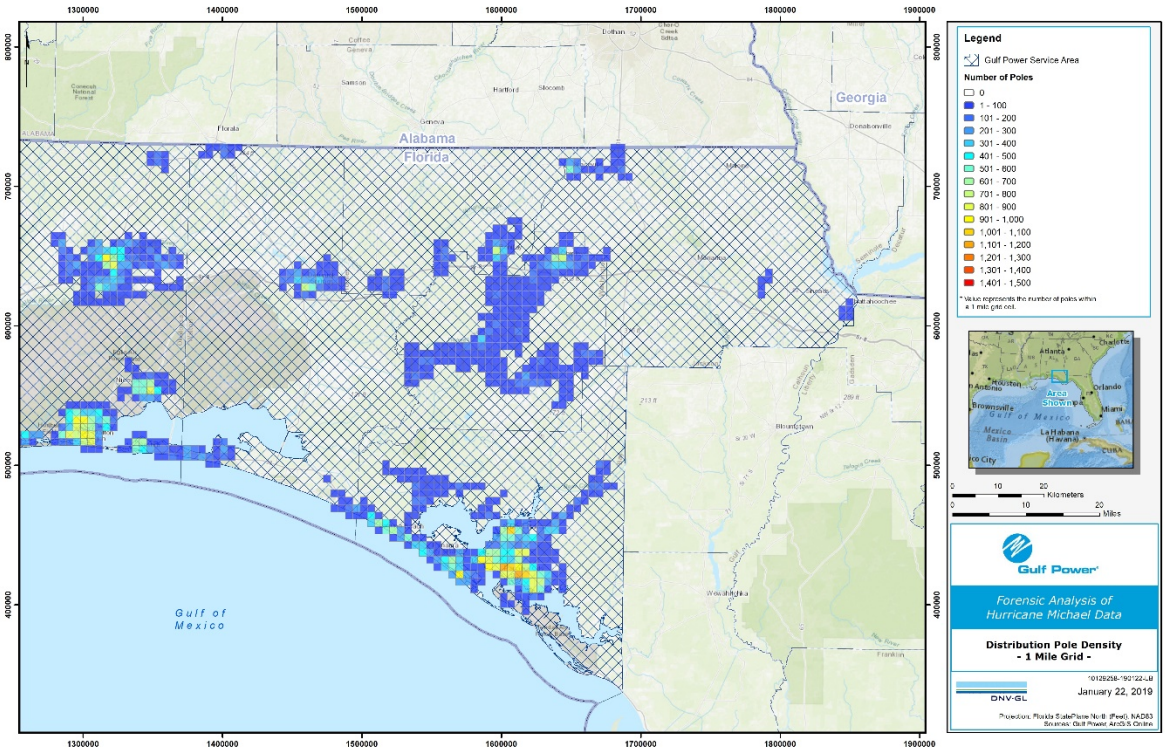


Figure 4-2 Total Gulf Power Distribution Pole Density Map

4.3 Damage Report Data

After the storm, Osmose, under contract to Gulf Power, surveyed impacts and damages to the Gulf Power energy delivery infrastructure in the Eastern District. In total, 319 reports of pole damage were collected from in the survey (about 1% of the Gulf Power pole assets). Details about the reported damage from collected data are provided in Table 4-3. Grid zones where less than 30 poles were surveyed are removed from this table as they provide misleading damage rates[6]. The impact and damage categories include poles (leaning or broken), conductor (wire down), cross arm damage, and "other." The other category includes miscellaneous impact or damage to service poles, lighting poles, and so on.

In the table below, poles are associated with a cell within the 1-mile by 1-mile grid (See section 3.4 and 5.1). Impacts and damages are related to distribution poles or structures because this was the reference source used (pole tag or ObjectID). Leaning poles were included in the analysis as impacted. It's understood that leaning poles reported to be 20º or even 30º from vertical may have existed prior to the storm and may or may not be the result of storm winds. However, there were several leaning poles reported that had greater angles of lean, and it was determined that these poles were to be included in the analysis.

[6] Several grid zones that were surveyed had a low sample size with all surveyed poles damaged – resulting in a failure rate of 100%. This is a statistically inaccurate representation of the damage. Thus, n=30 was used as the minimum requirement for an observation consistent with traditional sample sizes. For a full list of details for all grids include those with less than 30 observations per grid cell, please refer to Appendix A.

In summary, it was observed that the surveyed failure rates by grid cell where the surveyed number of poles was greater than 30, the damage rates vary widely from 0% to 61%. This wide range of failure rates further motivates the methodology used in this study to better understand failure rates through geospatial, statistical, and econometrical techniques. Note that this failure rate is only within the sampled survey areas, and these sampled areas most likely sustained more damage than other areas. The failure rates include all categories of damage including leaning poles. Actual pole damage (breakage) was low, even in the surveyed areas[7].

[7] As provided, this damage percentage range cannot be directly extrapolated to the entire Gulf Power service area because of the variation in sampling by grid cell. The method for using this information to extrapolate damage estimates to the larger service area is described in Section 5.

Table 4-3 Failure rates by distribution and streetlight pole per survey data in the Eastern District (n≥30)

Grid zone	Zone type	Total pole pop.	Poles surveyed	Surveyed poles damaged	Damage rate	Pole broken		Pole leaning		Conductor damage		Damaged cross arm		Underground dip exposed		Other	
						Number damaged	Rate	Number damaged	Rate	Number damaged	Rate	Number damaged	Rate	Number damaged	Rate	Number damaged	Rate
1118	Rural	129	46	28	61%	13	28%	6	13%	9	20%	0	0%	0	0%	0	0%
1160	Rural	40	31	12	39%	0	0%	2	6%	10	32%	0	0%	0	0%	0	0%
1191	Rural	126	35	12	34%	4	11%	1	3%	7	20%	0	0%	0	0%	0	0%
1234	Rural	87	60	21	35%	3	5%	0	0%	17	28%	0	0%	1	2%	0	0%
1307	Rural	129	75	6	8%	1	1%	1	1%	4	5%	0	0%	0	0%	0	0%
1379	Urban	219	74	7	9%	1	1%	1	1%	4	5%	0	0%	0	0%	1	1%
1772	Urban	785	72	38	53%	9	13%	5	7%	24	33%	0	0%	0	0%	0	0%
1901	Urban	693	112	63	56%	20	18%	11	10%	32	29%	0	0%	0	0%	0	0%
2411	Urban	925	41	3	7%	0	0%	0	0%	2	5%	1	2%	0	0%	0	0%
2810	Urban	489	141	2	1%	0	0%	0	0%	2	1%	0	0%	0	0%	0	0%
2811	Rural	41	30	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2865	Urban	366	119	2	2%	0	0%	0	0%	1	1%	0	0%	0	0%	1	1%

Table 4-4 shows the distribution of impacted and failure rates related to distribution wooden poles only, according to pole class in the grid areas surveyed. As shown, poles class 3, 5 and 6 show the highest related failure rate. These are also the most common wood pole classifications. Note again that these impacted rates include pole damage (broken), pole leaning, damaged conductor (line down), and damaged cross arm, whereas damaged rates do not include leaning poles.

Table 4-4 Failure and impacted rates of wooden poles by class from damage survey records

	Class 0	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Unk
Surveyed Wooden Poles	1	38	43	394	2	662	3	28
Damaged Wood Poles	0	0	4	121	0	190	1	3
% Damaged of Sample	0.0%	0.0%	9.3%	30.7%	0.0%	28.7%	33.3%	10.7%

Finally, Table 4-5 shows the damage and impacts to distribution poles by root cause (as given by the field survey reports). Damage and impacts are related to feeder, lateral, and material. As the table shows, 40% of the damage to feeder was caused by trees and wind and 55% was caused directly by wind.

Table 4-5 Damaged circuit and pole type by root cause

Type	Material	Wind Only	Wind & Tree[8]	Tree & Other	Wind & Other	Other	Total
Feeder		**26**	**19**	**0**	**0**	**2**	**47**
		55%	**40%**	**0%**	**0%**	**4%**	**99%**
	Wood	25	17	0	0	2	44
		57%	39%	0%	0%	5%	101%
	Concrete	1	2	0	0	0	3
		33%	67%	0%	0%	0%	100%
Lateral		**63**	**198**	**1**	**5**	**5**	**272**
		23%	**73%**	**0%**	**2%**	**2%**	**100%**
	Wood	63	197	1	5	5	271
		23%	73%	0%	2%	2%	100%
	Steel	0	1	0	0	0	1
		0%	100%	0%	0%	0%	100%

Table 4-6 shows the damage type by root cause including pole breakage, pole leaning, conductor damage (wire down) and broken cross arm. As can be seen, broken poles and downed conductors were primarily caused by trees. About 68% of the damage was associated with this cause. Nearly 28% of the damage was due to wind only. Downed conductors also made up 52.7% of the damage overall. Table 4-7 shows the percent of damaged poles by geographic area. These tables are relevant to distribution poles only.

[8] Occurrences of "tree only" are recoded as "wind & tree" due to the assumption that the wind is a contributing factor to a tree being the culprit of damage.

Table 4-6 Gulf Power damage type by root cause

Material	Wind Only	Wind & Tree	Tree & Other	Wind & Other	Other	Total
	89	**217**	**1**	**5**	**7**	**319**
Pole Broken	29	57	1	2	1	**90**
	9.1%	17.9%	0.3%	0.6%	0.3%	**28.2%**
Pole Leaning	26	27	0	0	0	**53**
	8.2%	8.5%	0.0%	0.0%	0.0%	**16.6%**
Conductor Down	31	129	0	2	6	**168**
	9.7%	40.4%	0.0%	0.6%	1.9%	**52.7%**
Cross Arm Broken	2	0	0	1	0	**3**
	0.6%	0.0%	0.0%	0.3%	0.0%	**0.9%**
Underground Dip	0	1	0	0	0	**1**
Exposed	0.0%	0.3%	0.0%	0.0%	0.0%	**0.3%**
Other	1	3	0	0	0	**4**
	0.3%	0.9%	0.0%	0.0%	0.0%	**1.3%**

Table 4-7 Number of damaged and impacted poles per grid zone type in the surveyed sample

Type of grid zone	#all poles	#damaged	Failure rate%
Rural	443	122	27.5%
Urban	728	197	27.1%

As previously mentioned, the post storm survey data provided information on underground transformers (n=519) and junctions (n=90). According to the survey data, only four underground transformer structures were identified as damaged with two being damaged from debris on the transformer and two being damaged from being shifted. Additionally, one was not in the field. For junctions, only one structure was damaged due to the underground transformer being exposed. Based on this information, the failure rate for these structures was 0.01%. It should be noted however, that the Gulf Power service area did not experience the same level of storm surge or flooding that was experience further east along the coast between Mexico Beach and Indian Pass.

4.4 Confidence level

Hurricane Michael post storm forensic analysis resulted in 319 survey records of damage in a survey of 1,171 poles (approximately 27.2% of surveyed poles damaged) versus a total amount of 298,411 poles within Gulf Power's service area. This amounts to a sample size of 0.11% of damaged poles against the total population. This sample size is generally sufficient for statistical analysis resulting in a 99% confidence level and a lower-upper range of approximately 23.9-30.6%. This indicates from statistical analysis that this sample yields damage results in a range of 27.2 ± 3.3% with 99% certainty.

4.5 Urban vs. rural and age analysis

DNV GL categorized grid cells as urban or rural to determine whether greater or less dense energy delivery infrastructure influenced the amount of impact from the storm. Figure 4-3 provides the graphic representation of urban versus rural geographic breakdown for the service area.

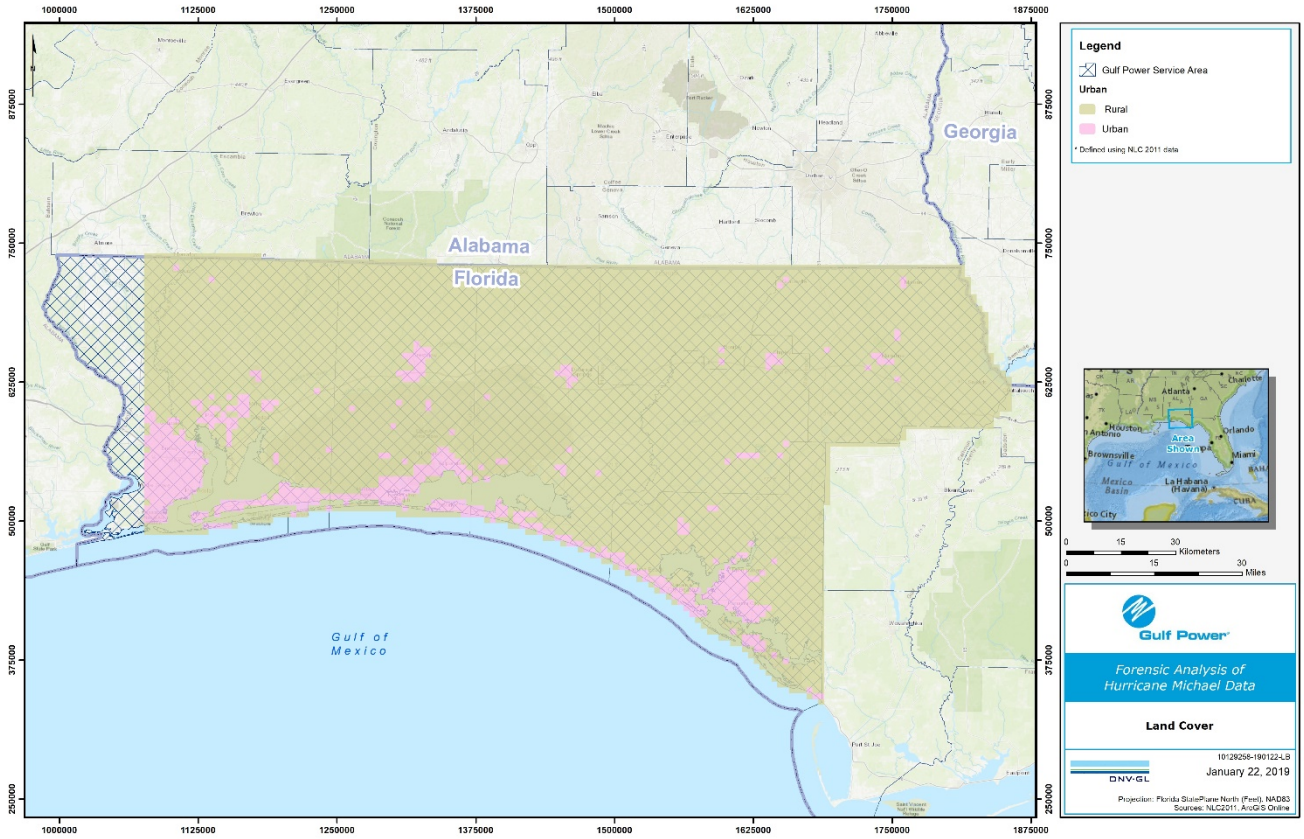


Figure 4-3 Land Cover Classification

Based on the analysis, no statistical correlation was found between reported damage and urban or rural classifications. As a robustness check, a basic logit model was employed regressing grid cell type with damage rates. No statistical evidence was found that a zone classified as rural or urban affected the damage of poles.

DNV GL created a pre/post 2007 pole installation variable to account for a change in construction standards in the year 2007. The results suggest that poles installed in 2007 or prior were more likely to be damaged than pole installed more recently. A statistically significant relationship exists between pre/post 2007 installation and whether the pole was damaged. A full display of rural vs. urban and pre/post 2007 installation by damage rates are shown below. Table 4-8 provides the breakdown of damage rates by of rural and urban areas and year of standard changes of poles.

Table 4-8 Damage rate by Rural vs. urban with age of poles surveyed

	Urban			Rural		
	Surveyed	**Damaged**	**Damage rate**	**Surveyed**	**Damaged**	**Damage rate**
Installed Pre-2007	548	178	32%	369	112	30%
Installed 2007 or after	180	19	11%	74	10	14%

4.6 Analysis of flood impacted areas

As part of the analysis, DNV GL reviewed the storm damage survey data versus available NOAA potential storm surge[9] and FEMA flood zone locations to understand if there may be any correlation with these conditions. From NWS measurements[10], the greatest amount of storm surge occurred southeast of Tyndall Air Force Base, where it was estimated to be 9-14 feet above ground level. Storm surge inundation heights dropped off significantly west of Mexico Beach, where the hurricane made landfall. Around Panama City and St. Andrew Bay the inundation height was estimated to be 4-6 above ground level.

We reviewed underground transformer, junction structure, and the pole damage data with respect to this information. Of the underground transformers that were surveyed, 42 were in a FEMA flood zone and only 1 of those was damaged (2.4%). Additionally, 1 underground transformer overlapped with a NOAA estuarine wetland/intertidal zones and 6 underground transformers overlapped NOAA areas of potential storm surge; no underground transformers were damaged in these areas. For junctions, 11 structures were within FEMA flood zones, none of which were damaged. No junctions overlapped with NOAA storm surge areas. Of the surveyed poles, 26 were within the NOAA storm surge areas, of which none were damaged. There were 112 surveyed poles that overlapped with the FEMA flood zone areas. Forty-two of these were damaged (37.5%).

Figures 4-4 and 4-5 provide examples in the Gulf Power Eastern District service area where damage survey information was collected, the locations of flood zones and areas of potential storm surge. As can be seen, very few of the structures found to be damaged lie within flood zone or areas of potential storm surge.

[9] Actual measurements of storm surge inundation from Hurricane Michael were not available at the time of this this analysis..
[10] J. Beven, R. Berg and A. Hagan, National Hurricane Center, "Tropical Cyclone Report, Hurricane Michael", May 17, 2019

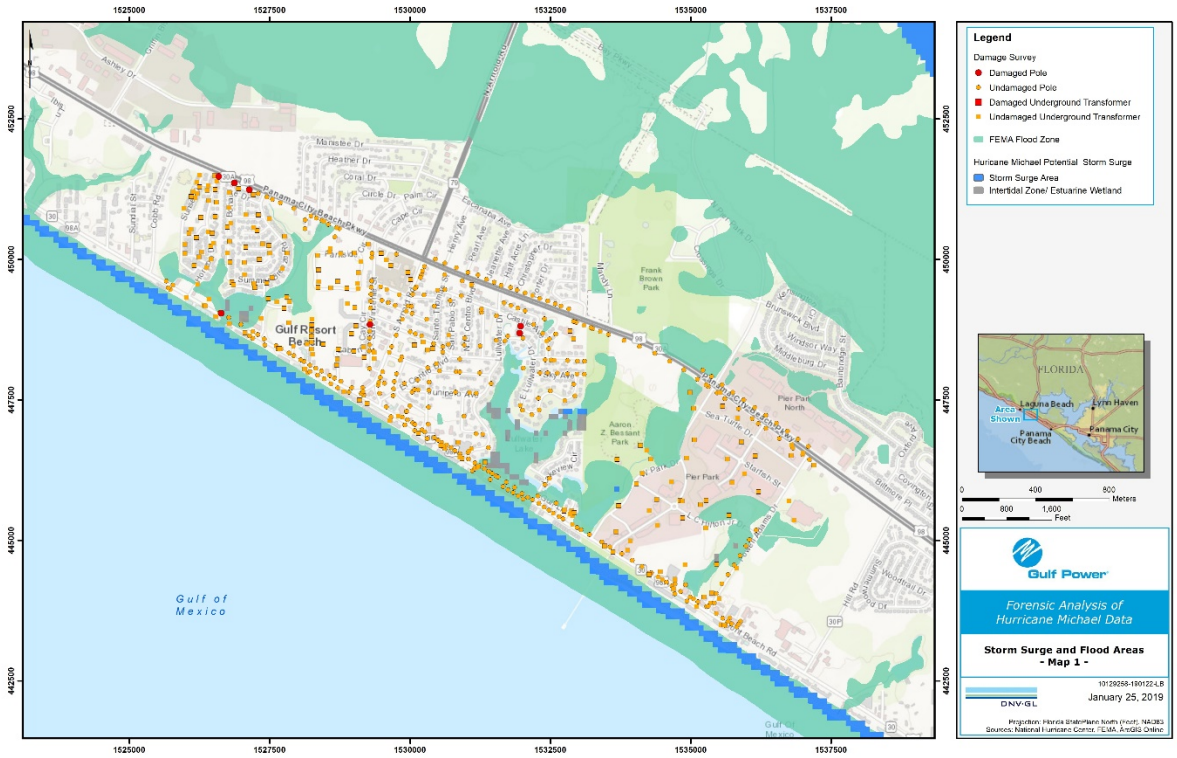


Figure 4-4 Coastal Storm Surge and Flood Area Map with Damage Survey Data

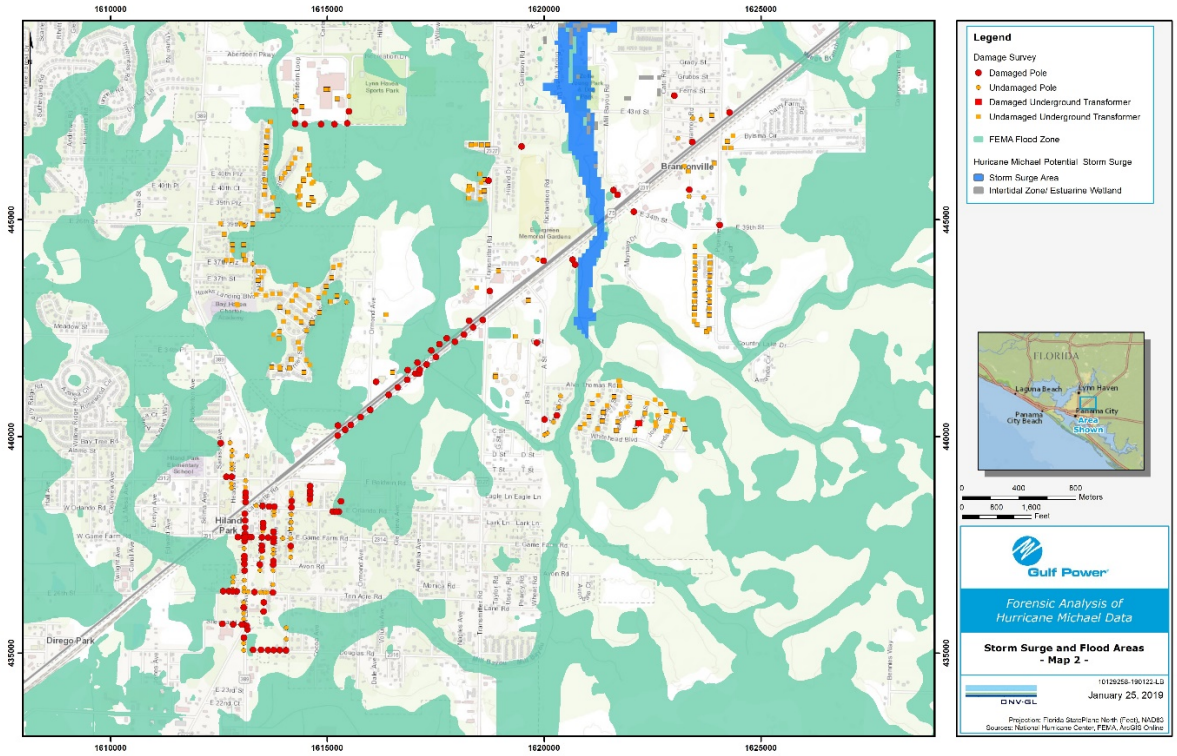


Figure 4-5 Inland Storm Surge and Flood Area Map with Damage Survey Data

5 DAMAGE EXTRAPOLATION ANALYSIS

The purpose of the extrapolation analysis was to determine expected failure rates by grid cell for the Eastern District of Gulf Power's service area in order to compare actual damage versus expected damage. This was done using the damage survey data and the calculated failure rates by wind speed.

5.1 Description of Map Grid Cells

DNV GL divided the Eastern District of the Gulf Power service area into 552 1-mile by 1-mile grid cells, each numerically identified and associated with maximum wind gust and wind speed characteristics, and urban versus rural. The pole/structure damage data was also associated with a grid cell based on the pole/structure location. This information was used to identified statistical relationships between the damaged assets and contributing factors.

The breakdown between urban and rural grid cells is shown in Table 5-1.

Table 5-1 Gulf Power grid cells by urban and rural areas in the Eastern District

Type	Number of grid zones	Percentage of total
Urban	125	23%
Rural	427	77%
Total	**552**	

Table 5-2 shows the distribution of poles in relation to urban or rural areas.

Table 5-2 Gulf Power distribution and transmission poles, street lights by grid zone type in the Eastern District

	Urban		Rural		Total
	Population	Percent of total	Population	Percent of total	
Poles	33,920	57%	19,278	32%	53,198
Street Light	5,385	9%	1,108	2%	6,493
					59,691

5.2 Key Assumptions for Extrapolation Analysis

To determine expected failure estimates based on the available data, DNV GL extrapolated the failure rates from the surveyed grid cells to Eastern District of the utility service area. In doing so, the following assumptions were used:

1. Each grid cell is of one type, i.e., either Rural or Urban;
2. Wind speed data: each grid cell contained an estimated maximum wind gust and wind speed value based on available weather data; actual conditions may have varied;
3. The Osmose field survey concentrated on high probability of damage areas;

4. The contributing factors for each record of damage to pole/structure were merged into one cause as noted in Table 3-1. Again, surveyed damage included pole damage (breakage), impacted pole (leaning), damaged conductor (wire down), and damaged cross arm.

5.3 Correlation of Weather Data to Storm Damage

The extrapolation of damaged distribution infrastructure for the Eastern District of the Gulf Power service area was performed using the average sustained wind speeds and maximum wind gusts associated with the surveyed grid cells. Failure rates by grid cell were estimated based on the ratio of number of damaged poles surveyed to total number of poles surveyed per grid cell. Grid cells with less than 30 poles surveyed (n=30) were removed to avoid skewing of results consistent with the previous notes about misleading data due to small sample sizes (see Section 4.3). This resulted in a total sample size of n=841 used for the failure rate estimates out of the original 1,171 poles and structures surveyed (71.8%).

Failure rates by grid cell were modelled using a simple linear regression twice for (1) average sustained wind speed (mph) and (2) maximum wind gust (mph). Understanding that failure rates are not a solely a function of wind speeds, DNV GL sought to determine a better estimate of failure rates by controlling for variation of several other pole attributes. These other attributes include the year the pole was manufactured, if the pole was in an urban location (urban = 1; rural = 0), if the pole is wooden (wood = 1; otherwise = 0), the height (ft) of the pole, if the pole was on a feeder line (feeder line = 1; otherwise = 0), and if the pole was installed before or after the new 2007 construction standard (installed in 2007 and beyond = 1; installed in 2006 or before = 0). Outputs from both models are shown below in Table 5-3 with coefficients and standard errors for the respective models[11]. Note that the R^2, a common measure of goodness-of-fit for econometric models[12], is higher for the maximum wind gust than for the average wind gust. This indicates that maximum wind gust captures more variation in the failure rates and is thus a better explanation for pole damage rates than sustained wind speed.

[11] Interpretation of the model will not be the focus of this section as the model is used to provide a per pole failure rate as opposed to a failure rate attributed to an area.

[12] R^2 is a common statistical measure for goodness-of-fit for econometric models – in this case an ordinary least square estimate of failure rate by controlling either average wind speed or maximum wind gust. High R^2 values suggest that the model better explains the variation and is evidence of a stronger predication.

Table 5-3: Linear regression of average wind speed and maximum wind gust (mph)

Dependent Variable: Observed grid cell pole failure rate		
	Avg. Wind Speed (Std. Error)	**Max. Wind Gust** (Std. Error)
Intercept	-4.947*** (0.762)	-4.068*** (0.686)
Wind Speed (mph)	0.017*** (0.000)	0.015*** (0.000)
Year Manufactured	0.002*** (0.000)	0.002*** (0.000)
New Construction Standard	-0.044*** (0.012)	-0.046*** (0.011)
Urban	-0.183*** (0.009)	-0.158*** (0.008)
Wood	0.219*** (0.019)	0.219*** (0.017)
Height (ft)	-0.007** (0.001)	-0.005*** (0.001)
Feeder	0.004 (0.014)	0.007 (0.012)
R^2	0.807	0.843

Statistical significance levels of * p<0.1, **p<0.05, ***p<0.01

The output from these models provides the ability to estimate the failure rate for average wind speed and maximum wind gust by pole as opposed to by region. The linear form of these results are determines using the following equations[13]:

$$Failure\ Rate_{i,Avg\ Wind\ Speed} = Intercept + 0.017(Avg.\ Wind\ Speed) + 0.002(Year) + \cdots + 0.004(Feeder)$$

$$Failure\ Rate_{i,Max\ Wind\ Gust} = Intercept + 0.015(Max.\ Wind\ Gust) + 0.002(Year) + \cdots + 0.007(Feeder)$$

Once the failure rates by average sustained wind and maximum wind gust were imputed to each pole based on its characteristics, the overall failure rates were modelled to determine an estimated failure rate for the service area as a whole. Because these estimations are subject to error, DNV GL included an upper and lower confidence estimate to provide a confidence level of the failure rates. The output of these models is shown below in Table 5-4.

[13] For simplicity, only the first two and last variables are included in the equation to show the structure of the linear estimation.

Table 5-4: Dependent Variable: Imputed individual pole failure rate

	Avg. Wind Speed		
	Point (Std. Error)	**Upper Confidence (Std. Error)**	**Lower Confidence (Std. Error)**
Intercept	-0.451*** (0.017)	-0.260*** (0.018)	-0.421*** (0.010)
Wind Speed (mph)	0.013*** (0.000)	0.013*** (0.000)	0.010*** (0.000)
R^2	0.674	0.672	0.781
	Max. Wind Gust		
	Point (Std. Error)	**Upper Confidence (Std. Error)**	**Lower Confidence (Std. Error)**
Intercept	-0.868*** (0.022)	-0.692*** (0.022)	-0.740*** (0.013)
Wind Speed (mph)	0.013*** (0.000)	0.013*** (0.000)	0.010*** (0.000)
R^2	0.759	0.756	0.840

Statistical significance levels of * p<0.1, **p<0.05, ***p<0.01

To show these results graphically, the intercept and wind speed coefficients were graphed to show the linear relationship between estimated failure rates and sustained wind speed and maximum wind gust. These graphical representations of the estimations are shown below in Figure 5-1 where the dark blue line represents the average sustained wind speed failure rate with light blue lines showing the upper and lower confidence intervals. The maximum wind gust failure rate is shown as the dark green line with light green lines representing the upper and lower confidence interval.

From Figure 5-1, we see that there is a failure rate of 0% below 18 mph winds. Between 18 mph and 41 mph of sustained average winds, failure rates begin to rise. The point estimate shows that failure rates begin at 33 mph sustained average winds. These continue to increase at a linear rate with 25% failure at 53 mph, 50% failure at 72 mph, 75% failure at 90 mph, and 100% failure 110 mph sustained average winds. For maximum wind gusts, failure rate remains at 0% until between 52 mph and 74 mph maximum wind gust. The point estimate shows that failure rates begin at 67 mph maximum wind gust. These continue to increase at a linear rate with 25% failure at 88 mph, 50% failure at 105 mph, 75% failure at 125 mph, and 100% failure at 144 mph maximum wind gust.

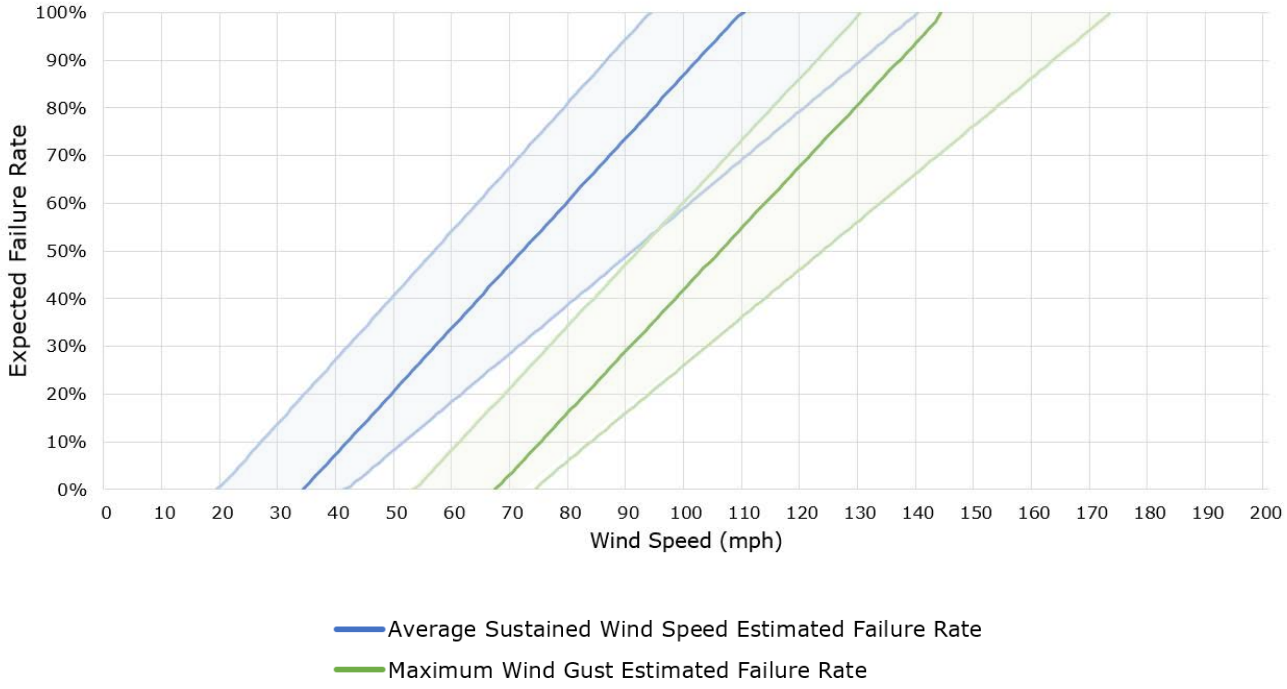


Figure 5-1 Failure rates of average wind speed and maximum wind gust (mph)

It should be noted that these failure rates are statistic rate estimates. As such, they are subject to error. Not all poles may or will follow these linear patterns. Additionally, this process for determining the failure rates comes with limitations that must be considered. The results used to obtain the failure rates are based on a non-statically random sample of poles in the Eastern District. The field survey was conducted in an area of high damage and thus the results may be subject to statistical bias.

5.4 Results of Extrapolation

The extrapolation of the failure rates to the Eastern District of the Gulf Power service area was performed using the maximum wind gusts associated with each grid cell. The amount of expected failures for each grid cell were determined based on wind gusts and the wind speed-failure rate curves presented in Figure 5-1. Poles that had a resulting expected failure rate below 0% were replaced with 0% and those with an expected failure rate above 100% were replaced with 100%.

Based on the speed-failure rate curve, and the extrapolated wind speed data for each map grid zone in the service area, the probability for impact and damage (combined) is shown for each grid zone in the service area in Figure 5-2. The scale is the percent damage to the pole/structure population in each grid.

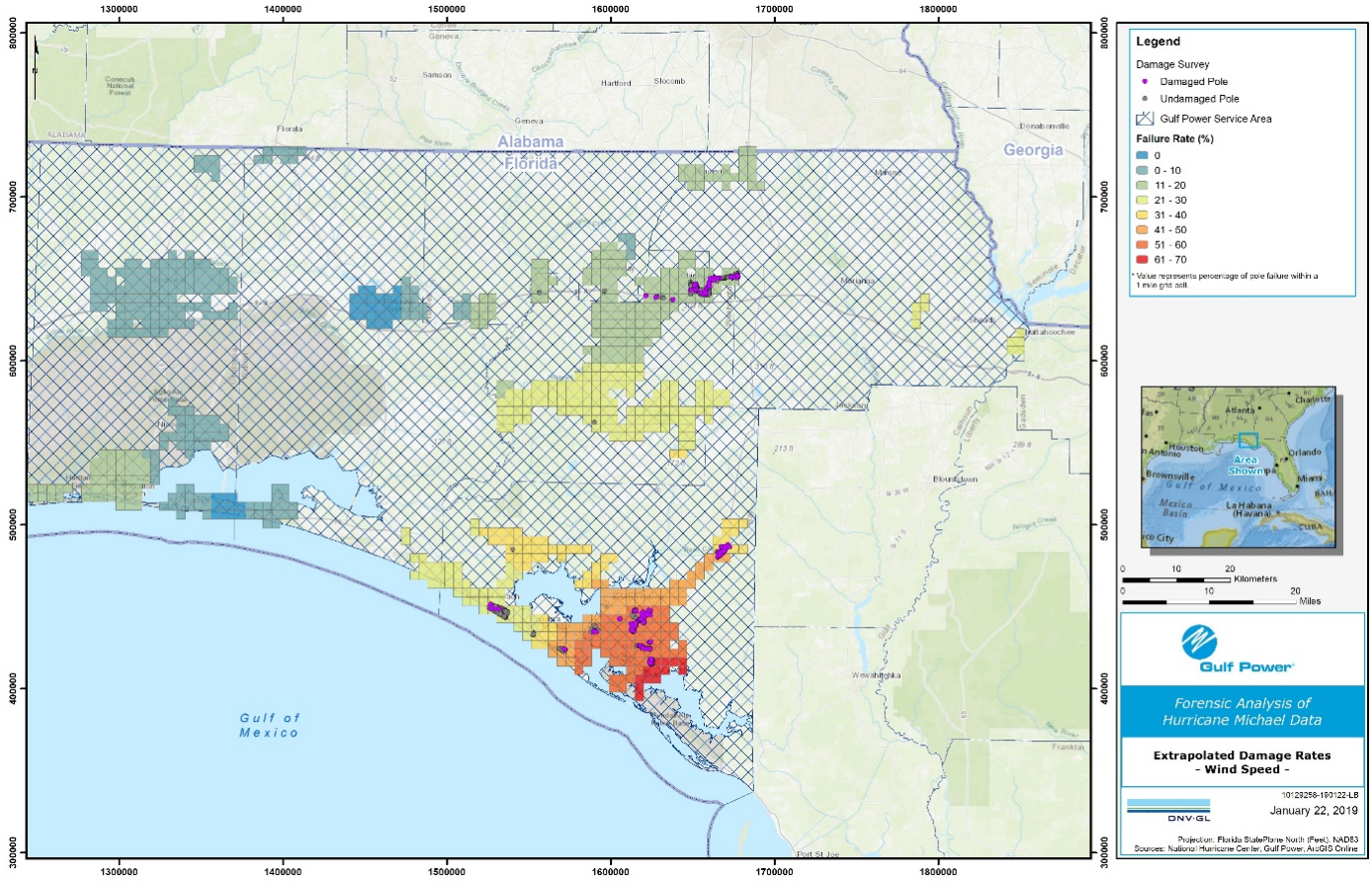


Figure 5-2 Extrapolated Gulf Power Damages to the Eastern District Service Area

The figure shows that the most severe damage probability occurred in the areas surveyed by Osmose in the Panama City area and north-easterly towards Youngstown. Based on this analysis between 30% (when considering maximum wind gust) and 30.4% (when considering maximum sustained wind) of the poles and structures in the Eastern District of the Gulf Power service area would have been damaged in conditions that were experienced during Hurricane Michael. The lower bound estimate for these models suggest a failure rate of 16.3% for maximum sustained wind) and 17.0% for maximum wind gust[14]. It is important to reiterate that the expected damage estimates derived from the survey data are likely higher than what was experienced due to the survey primarily being focused areas of high damage occurrence. To improve the accuracy of these estimates, future site surveys should seek to perform surveys using a random sample across the service area.

6 STORM DATA FORENSICS ANALYSIS CONCLUSION

During a major storm event, such as Hurricane Michael, high winds are the primary factor in damages to distribution poles and other structures. Sustained winds and wind gusts stress poles and cross arms and

[14] The upper bound damage estimates are between 48.3% 50.6%. These were not considered here given that they are taking the upper confidence of the estimates that were obtained from a sample area of high damage.

trees or other windborne debris hit poles, conductors and cross arms resulting in costly damage. Damage resulting from windborne debris and trees is generally outside of Gulf Power's control. Pole damage is often caused by trees and branches located outside Gulf Power's right-of-way.

Damage to conductors may be due to pole damage (broken) and conductors being hit directly by windborne debris. This is often also outside of Gulf Power's control. Insulator failures are mainly a result of debris or trees hitting conductors, leading to breakage of the post insulator.

DNV GL analyzed a variety of potential factors in the damage. This included wind speeds, urban versus rural settings, age, and the possibility of flooding or storm surge as a potential cause. The analyses showed no statistical correlation between reported damage and urban or rural classifications; however, the construction standards to which the poles were installed (Grade B vs. Grade C) appears to factor in to the damage rate. Survey data also indicates that Class 2 poles were less often damaged that Class 3, 5 and 6 poles.

Further, in reviewing flood zones and areas where storm surge may have been a factor, no correlation could be made with damage. This is likely because storm surge was not as extensive in the Gulf Power area as it was further east along the coast.

Based on field survey data analyzed, the Eastern District of the Gulf Power service area was estimated to have experienced damage to as much as 30% of their distribution grid assets. In actuality, Gulf Power is known to have experienced damage to approximately 12% of its distribution pole assets. Although, the extent of damaged poles was lower than what would have been expected, wide-spread, lengthy outages were still experienced across the territory. Given the findings that suggest newer pole construction standards reduce the likelihood of damage and that stronger pole classes (e.g. Class 2) were found to be less often damaged than Class 3, 5, and 6 poles, investments in storm hardening may improve system performance during future storm events

APPENDIX A FAILURE RATES BY DISTRIBUTION AND STREETLIGHT POLE PER SURVEY IN THE EASTERN DISTRICT

Grid zone	Zone type	Total pole pop.	Poles surveyed	Surveyed poles damaged	Damage rate	Pole broken		Pole leaning		Conductor damage		Damaged cross arm		Underground dip exposed		Other	
						Number damaged	Rate	Number damaged	Rate	Number damaged	Rate	Number damaged	Rate	Number damaged	Rate	Number damaged	Rate
1012	Rural	36	29	6	21%	0	0%	0	0%	6	21%	0	0%	0	0%	0	0%
1013	Rural	39	28	5	18%	0	0%	0	0%	5	18%	0	0%	0	0%	0	0%
1087	Rural	21	19	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
1117	Rural	62	1	1	100%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%
1118	Rural	129	46	28	61%	13	28%	6	13%	9	20%	0	0%	0	0%	0	0%
1119	Rural	10	1	1	100%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%
1160	Rural	40	31	12	39%	0	0%	2	6%	10	32%	0	0%	0	0%	0	0%
1191	Rural	126	35	12	34%	4	11%	1	3%	7	20%	0	0%	0	0%	0	0%
1192	Rural	47	14	9	64%	4	29%	3	21%	2	14%	0	0%	0	0%	0	0%
1233	Rural	101	14	3	21%	0	0%	0	0%	3	21%	0	0%	0	0%	0	0%
1234	Rural	87	60	21	35%	3	5%	0	0%	17	28%	0	0%	1	2%	0	0%
1235	Rural	20	8	3	38%	0	0%	0	0%	2	25%	0	0%	0	0%	1	13%
1306	Rural	75	5	4	80%	0	0%	0	0%	4	80%	0	0%	0	0%	0	0%
1307	Rural	129	75	6	8%	1	1%	1	1%	4	5%	0	0%	0	0%	0	0%
1308	Rural	23	7	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
1378	Rural	99	18	2	11%	1	6%	0	0%	1	6%	0	0%	0	0%	0	0%
1379	Urban	219	74	7	9%	1	1%	1	1%	4	5%	0	0%	0	0%	1	1%
1380	Rural	4	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
1523	Urban	207	2	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	1	50%
1593	Rural	71	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
1662	Rural	88	3	2	67%	2	67%	0	0%	0	0%	0	0%	0	0%	0	0%

1730	Rural	98	2	2	100%	0	0%	0	0%	2	100%	0	0%	0	0%	0	0%
1766	Urban	205	9	5	56%	1	11%	0	0%	3	33%	1	11%	0	0%	0	0%
1767	Rural	83	7	4	57%	0	0%	1	14%	2	29%	1	14%	0	0%	0	0%
1770	Urban	439	16	11	69%	4	25%	1	6%	6	38%	0	0%	0	0%	0	0%
1771	Urban	680	4	2	50%	0	0%	1	25%	1	25%	0	0%	0	0%	0	0%
1772	Urban	785	72	38	53%	9	13%	5	7%	24	33%	0	0%	0	0%	0	0%
1833	Urban	205	7	6	86%	3	43%	0	0%	3	43%	0	0%	0	0%	0	0%
1834	Urban	62	27	26	96%	12	44%	9	33%	5	19%	0	0%	0	0%	0	0%
1835	Urban	662	5	5	100%	0	0%	3	60%	2	40%	0	0%	0	0%	0	0%
1837	Urban	721	19	11	58%	4	21%	6	32%	1	5%	0	0%	0	0%	0	0%
1899	Urban	158	4	3	75%	2	50%	0	0%	1	25%	0	0%	0	0%	0	0%
1900	Urban	114	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
1901	Urban	693	112	63	56%	20	18%	11	10%	32	29%	0	0%	0	0%	0	0%
1965	Urban	146	2	2	100%	0	0%	1	50%	1	50%	0	0%	0	0%	0	0%
2056	Urban	88	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2159	Urban	69	6	1	17%	0	0%	0	0%	1	17%	0	0%	0	0%	0	0%
2160	Urban	524	5	5	100%	4	80%	1	20%	0	0%	0	0%	0	0%	0	0%
2222	Urban	36	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2223	Urban	409	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2410	Urban	351	6	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2411	Urban	925	41	3	7%	0	0%	0	0%	2	5%	1	2%	0	0%	0	0%
2546	Rural	63	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2586	Urban	387	10	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2754	Urban	97	16	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2755	Urban	393	9	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2810	Urban	489	141	2	1%	0	0%	0	0%	2	1%	0	0%	0	0%	0	0%
2811	Rural	41	30	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
2864	Urban	243	10	3	30%	0	0%	0	0%	3	30%	0	0%	0	0%	0	0%

2865	Urban	366	119	2	2%	0	0%	0	0%	1	1%	0	0%	0	0%	1	1%

About DNV GL

Driven by our purpose of safeguarding life, property and the environment, DNV GL enables organizations to advance the safety and sustainability of their business. We provide classification and technical assurance along with software and independent expert advisory services to the maritime, oil and gas, and energy industries. We also provide certification services to customers across a wide range of industries. Operating in more than 100 countries, our professionals are dedicated to helping our customers make the world safer, smarter and greener.

APPENDIX C

(Gulf's 2020-2029 SPP Costs & 2020 Project Level Detail)

2020-2029 Storm Protection Plan 'SPP' Program Cost

($ in Millions)

SPP Programs (1)(2)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total SPP Cost	Annual Average Cost
Distribution Inspection Program												
Operating Expenses	$0.93	$0.98	$0.98	$0.98	$0.98	$0.98	$0.98	$0.98	$0.98	$0.98	$9.75	$0.98
Capital Expenditures	$2.50	$2.80	$2.80	$2.80	$2.80	$2.80	$2.80	$2.80	$2.80	$2.80	$27.70	$2.77
Total	$3.43	$3.78	$3.78	$3.78	$3.78	$3.78	$3.78	$3.78	$3.78	$3.78	$37.45	$3.75
Transmission Inspection Program												
Operating Expenses	$0.35	$0.35	$0.35	$0.35	$0.35	$0.35	$0.35	$0.35	$0.35	$0.35	$3.50	$0.35
Capital Expenditures	$3.15	$3.15	$3.15	$3.15	$3.15	$3.15	$3.15	$3.15	$3.15	$3.15	$31.50	$3.15
Total	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50	$35.00	$3.50
Distribution Feeder Hardening Program												
Operating Expenses	$0.78	$2.51	$2.43	$2.29	$2.29	$2.29	$2.29	$2.29	$2.29	$2.29	$21.75	$2.18
Capital Expenditures	$11.50	$35.90	$34.00	$30.30	$30.30	$30.30	$30.30	$30.30	$30.30	$30.30	$293.50	$29.35
Total	$12.28	$38.41	$36.43	$32.59	$32.59	$32.59	$32.59	$32.59	$32.59	$32.59	$315.25	$31.53
Distribution Hardening - Lateral Undergrounding Program												
Operating Expenses	$0.00	$0.18	$0.18	$0.18	$0.18	$0.18	$0.18	$0.18	$0.18	$0.18	$1.62	$0.16
Capital Expenditures	$0.00	$5.00	$5.00	$5.00	$5.00	$5.00	$5.00	$5.00	$5.00	$5.00	$45.00	$4.50
Total	$0.00	$5.18	$5.18	$5.18	$5.18	$5.18	$5.18	$5.18	$5.18	$5.18	$46.62	$4.66
Transmission Hardening Program												
Operating Expenses	$0.07	$0.40	$0.60	$0.60	$0.60	$0.60	$0.60	$0.60	$0.60	$0.60	$5.27	$0.53
Capital Expenditures	$5.22	$45.10	$54.90	$54.90	$53.90	$53.90	$53.90	$53.90	$53.90	$53.90	$483.52	$48.35
Total	$5.29	$45.50	$55.50	$55.50	$54.50	$54.50	$54.50	$54.50	$54.50	$54.50	$488.79	$48.88
Vegetation Management - Distribution Program												
Operating Expenses	$5.03	$4.68	$4.69	$4.70	$4.70	$4.71	$4.71	$4.71	$4.71	$4.71	$47.35	$4.74
Capital Expenditures	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total	$5.03	$4.68	$4.69	$4.70	$4.70	$4.71	$4.71	$4.71	$4.71	$4.71	$47.35	$4.74
Vegetation Management - Transmission Program												
Operating Expenses	$2.50	$2.87	$2.87	$2.87	$2.87	$2.87	$2.87	$2.87	$2.87	$2.87	$28.33	$2.83
Capital Expenditures	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total	$2.50	$2.87	$2.87	$2.87	$2.87	$2.87	$2.87	$2.87	$2.87	$2.87	$28.33	$2.83
Total SPP Cost												
Operating Expenses	$9.66	$11.97	$12.10	$11.97	$11.97	$11.98	$11.98	$11.98	$11.98	$11.98	$117.57	$11.76
Capital Expenditures	$22.37	$91.95	$99.85	$96.15	$95.15	$95.15	$95.15	$95.15	$95.15	$95.15	$881.22	$88.12
Total	$32.03	$103.92	$111.95	$108.12	$107.12	$107.13	$107.13	$107.13	$107.13	$107.13	$998.79	$99.88

(1) See also 2020 - 2022 project level details provided in Appendix

(2) Costs Include previous year(s) projects carried over to current year, current year's project costs and future year's preliminary project costs (e.g., engineering)

2020 - 2022 Storm Protection Plan 3 Year Summary By Program

Storm Protection Plan 'SPP' Programs	2020 Plan		2021 Plan		2022 Plan	
	Cap	O&M	Cap	O&M	Cap	O&M
Distribution Inspection Program	$2,500,000	$933,000	$2,800,000	$983,000	$2,800,000	$983,000
Transmission Inspection Program	$3,150,000	$350,000	$3,150,000	$350,000	$3,150,000	$350,000
Distribution Feeder Hardening Program	$11,500,000	$779,000	$35,895,000	$2,504,000	$33,995,000	$2,428,000
Distribution Hardening - Lateral Undergrounding Program	$0	$0	$5,000,000	$180,000	$5,000,000	$180,000
Transmission Hardening Program	$5,220,000	$70,000	$45,100,000	$400,000	$54,900,000	$600,000
Vegetation Management - Distribution Program	$0	$5,030,881	$0	$4,678,346	$0	$4,685,489
Vegetation Management - Transmission Program	$0	$2,502,932	$0	$2,872,936	$0	$2,872,936
Total SPP Cost	**$22,370,000**	**$9,665,814**	**$91,945,000**	**$11,968,282**	**$99,845,000**	**$12,099,425**
	Total Program Cost = $32M		Total Program Cost = $104M		Total Program Cost = $112M	
	Avg Annual Cost = $3M		Avg Annual Cost = $10M		Avg Annual Cost = $11M	

2020-2022 Project Level Detail

(by Program)

Distribution Inspection Program
(2020-2022)

2020 Plan		2021 Plan		2022 Plan	
Cap	O&M	Cap	O&M	Cap	O&M
$2,500,000	**$933,000**	**$2,800,000**	**$983,000**	**$2,800,000**	**$983,000**

Distribution Mainline Feeder Patrol	2020 Plan		2021 Plan		2022 Plan	
	Cap	O&M	Cap	O&M	Cap	O&M
Distribution Mainline Feeder Patrol Fort Walton: 71 Feeders; Panama City: 75 Feeders; Pensacola: 159 Feeders	$300,000	$163,000	$300,000	$163,000	$300,000	$163,000

Distribution - Pole Inspections (Cyclic)	2020 Plan		2021 Plan		2022 Plan	
	Cap	O&M	Cap	O&M	Cap	O&M
Pole Inspection (Cyclic) - Distribution	$2,200,000	$770,000	$2,500,000	$820,000	$2,500,000	$820,000

Transmission Inspection Program
(2020-2022)

2020 Plan		2021 Plan		2022 Plan	
Cap	O&M	Cap	O&M	Cap	O&M
$3,150,000	**$350,000**	**$3,150,000**	**$350,000**	**$3,150,000**	**$350,000**

Transmission Pole Inspections	2020 Plan		2021 Plan		2022 Plan	
	Cap	O&M	Cap	O&M	Cap	O&M
Pole Inspection - Transmission	$3,000,000	$250,000	$3,000,000	$250,000	$3,000,000	$250,000

Substation Equipment Inspections	2020 Plan		2021 Plan		2022 Plan	
	Cap	O&M	Cap	O&M	Cap	O&M
Equipment Inspection - Substation	$150,000	$100,000	$150,000	$100,000	$150,000	$100,000

Distribution Feeder Hardening Program
(2020-2022)

2020 Plan		2021 Plan		2022 Plan	
Cap	O&M	Cap	O&M	Cap	O&M
$11,500,000	**$779,000**	**$35,895,000**	**$2,504,000**	**$33,995,000**	**$2,428,000**

Distribution Feeder Hardening

2020 Projects	District	Substation	Feeders	Scope	Estimated Cost		Estimated Start	Estimated Completion	Number of Customers		Criteria
					Capital	Expense			Residential	Com/Industrial	
Brentwood 6678 & Oakfield 7922	Pensacola	Brentwood/Oakfield	6678/7922	Replace and hardening 37 poles	$1,087,000	$108,000	March 2020	December 2020	4,331	286	CIF
Avalon 5792	Pensacola	Avalon	5792	Replace and hardening 68 poles	$1,325,000	$121,000	March 2020	December 2020	2,974	250	CIF
Bayou Marcus 5572	Pensacola	Bayou Marcus	5572	Replace and hardening 60 poles	$925,000	$84,000	March 2020	December 2020	1,371	15	CIF
Turner 5662	Fort Walton	Turner	5662	Replace and hardening 123 poles	$867,000	$54,000	October 2020	December 2021	3,105	269	CIF
Hathaway 8642	Panama City	Hathaway	8642	Replace and hardening 150 poles	$1,790,000	$169,000	June 2020	December 2020	2,560	170	CIF
Redwood 8722	Panama City	Redwood	8722	Replace and hardening 34 poles	$506,000	$44,000	June 2020	December 2020	1,789	263	CIF
				Total =	$6,500,000	$580,000					

*CIF = Critical Infrastructure Facility

2021 Program Details	Estimated Projects	Feeder Impact	Scope	Estimated Cost
To Be Determined	6 to 18	6 to 18	Hardening range of 12 to 32 miles of feeder, and replacement of approximately 500 - 930 poles	**$26.4MM**

2022 Program Details	Estimated Projects	Feeder Impact	Scope	Estimated Cost
To Be Determined	6 to 18	6 to 18	Hardening range of 12 to 32 miles of feeder, and replacement of approximately 500 - 930 poles	**$26.4MM**

Distribution Automation	2020 Capital Plan	2021 Capital Plan	2022 Capital Plan
Distribution Automated Feeder Switch 'AFS' Capital; Feeder Recloser & Switched Installations. 2020: Fort Walton: 31 Sites; Panama City: 16 Sites; Pensacola 35 Sites	$3,200,000	$3,600,000	$1,700,000
Distribution Automation Other Capital: Communication & Control Equipment for Fault Current Indicators and other field equipment capable of providing SCADA information and controls	$1,800,000	$5,895,000	$5,895,000

Distribution Hardening - Lateral Undergrounding Program (2021-2022)

2020 Plan *		2021 Plan		2022 Plan	
Cap	O&M	Cap	O&M	Cap	O&M
$0	$0	$5,000,000	$180,000	$5,000,000	$180,000

2021 Program Details	Estimated Projects	Lateral Impact	Scope	Estimated Cost
To Be Determined	8	8 miles	Replace overhead conductor with underground conductors based on predetermined criteria	$5M

2022 Program Details	Estimated Projects	Lateral Impact	Scope	Estimated Cost
To Be Determined	8	8 miles	Replace overhead conductor with underground conductors based on predetermined criteria	$5M

*** 2020 - Gulf Power will begin Evaluating and Engineering Undergrounding of Laterals and Plans to Begin Construction in 2021.**

Transmission Hardening Program
(2020-2022)

2020 Plan		2021 Plan		2022 Plan	
Cap	O&M	Cap	O&M	Cap	O&M
$5,220,000	$70,000	$45,100,000	$400,000	$54,900,000	$600,000

Substation Hardening

2020 Projects	District	Substation Impact	Scope	Estimated Cost		Estimated	Estimated	Number of Customers	
				Capital	Expense	Start	Completion	Residential	Commercial/Industrial
Shalimar Substation Storm Hardening	Central	Shalimar	Storm Hardened Control House	$300,000	$0	January 2020	June 2020	4,827	378
Hurlburt Substation Storm Hardening	Central	Hurlburt	Storm Hardened Control House With Flood monitoring	$300,000	$0	June 2020	December 2020	6,054	348
Niceville Substation Storm Hardening	Central	Niceville	Storm Hardened Control House	$300,000	$0	June 2020	December 2020	5,122	462
Naval Air Station North Terminal Station Storm Hardening	Western	NAS North Terminal	Transmission Line Terminal Station Flood Monitoring	$20,000	$0	June 2020	December 2020	0	1
Naval Air Station South Terminal Station Storm Hardening	Western	NAS South Terminal	Transmission Line Terminal Station Flood Monitoring	$20,000	$0	June 2020	December 2020	0	2
Smith Construction Substation Storm Hardening	Eastern	Smith Construction	Substation Flood Monitoring	$20,000	$0	June 2020	December 2020	0	25
Blountstown Substation Storm Hardening	Eastern	Blountstown	Substation Flood Monitoring	$20,000	$0	June 2020	December 2020	0	2
Romana Substation Storm Hardening	Western	Romana	Substation Flood Monitoring	$20,000	$0	June 2020	December 2020	1,255	534
			Total =	$1,000,000	$0				

2021 Program Details	Estimated Projects	Impact	Scope	Estimated Cost	
				Capital	Expense
To Be Determined	3	3	Storm Hardened Control House	$1,000,000	$0

2022 Program Details	Estimated Projects	Impact	Scope	Estimated Cost	
				Capital	Expense
To Be Determined	3	3	Storm Hardened Control House	$1,000,000	$0

Substation Resiliency

2020 Projects	District	Substation/Line Impact	Scope	Estimated Cost		Estimated	Estimated	Number of Customers	
				Capital	Expense	Start	Completion	Residential	Commercial/Industrial
Valparaiso Substation Transformer Bank Addition	Fort Walton	Substation	Add 2nd Substation Transformer Bank. Design & Civil work in 2020 and Construct in 2021	$75,000	$0	January 2020	December 2021	5,245	863
South Crestview Substation Transformer Bank Addition	Fort Walton	Substation	Add 2nd Substation Transformer Bank. Design & Civil work in 2020 and Construct in 2021	$75,000	$0	January 2020	December 2021	5,923	1,191
Hurlburt Substation Transformer Bank Addition	Fort Walton	Substation	Add 2nd Substation Transformer Bank. Design & Civil work in 2020 and Construct in 2021	$570,000	$0	January 2020	December 2021	6,054	348
			Total =	$720,000	$0				

2021 Program Details	Estimated Projects	Impact	Scope	Estimated Cost	
				Capital	Expense
To Be Determined	20	18	Transmission/Substation Resiliency Projects	$24,500,000	0

2022 Program Details	Estimated Projects	Impact	Scope	Estimated Cost	
				Capital	Expense
To Be Determined	20	20	Transmission/Substation Resiliency Projects	$24,500,000	0

Wood Structure Replacement

2020 Projects	District	Number of structures to be replaced	Transmission Line	Estimated Cost		Estimated		Number of Customers	
				Capital	Expense	Start	Completion	Residential	Commercial/Industrial
Caryville Transmission Line Tap	Fort Walton	30	Glendale - Ponce De Leon 115 kV	$1,500,000	$30,000	May 2020	September 2020	Transmission System Loop	
Santa Rosa - Miramar #1 Transmission Line	Fort Walton	40	Santa Rosa - Miramar #1 115 kV	$2,000,000	$40,000	January 2020	December 2020	Transmission System Loop	
			Total =	$3,500,000	$70,000				

2021 Program Details	Estimated Projects	Number of structures to be replaced	Line Impact	Estimated Cost
To Be Determined	20	400	6	$20M

2021 Program Details	Estimated Projects	Number of structures to be replaced	Line Impact	Estimated Cost
To Be Determined	30	600	10	$30M

Vegetation Management Program
(2020-2022)

Vegetation Management - Distribution Program	2020 Plan		2021 Plan		2022 Plan	
	Cap	O&M	Cap	O&M	Cap	O&M
Vegetation Management - Distribution Program	$0	$5,030,881	$0	$4,678,346	$0	$4,685,489

Vegetation Management - Transmission Program	2020 Plan		2021 Plan		2022 Plan	
	Cap	O&M	Cap	O&M	Cap	O&M
Vegetation Management - Transmission Program	$0	$2,502,932	$0	$2,872,936	$0	$2,872,936

APPENDIX D

(Gulf's Distribution Hardening Design Guidelines)

Distribution Hardening Design Guidelines

The following guidelines will be used to standardize the design of Gulf Power overhead distribution facilities when practical, feasible, and cost effective.

General

1. Gulf Power has made a change to adopt the Extreme Wind Loading Standards as the design criteria for (1) new pole line construction, (2) pole line extensions, (3) pole line relocations, (4) feeder pole replacements on multi-circuit pole lines, (5) feeder pole replacements on Top Critical Infrastructure Feeders, and (6) major equipment structures. Pole Foreman will be used for the guidelines to determine the necessary pole class and type for all work.

2. For maintenance, existing Non-Top Critical Infrastructure pole lines may be evaluated using National Electrical Safety Code combined ice and wind loading with Grade B construction. This represents the loading prior to the adoption of the Extreme Wind Loading Standards. If the pole must be replaced, refer to Pole Foreman calculations for the minimum class pole to be installed at Extreme Wind Loading Standards.

3. Every attempt should be made to place new or replacement poles in private easements or as close to the front edge of property (The Right-of-Way Line) as practical.

4. Overhead pole lines should be placed in front lot lines or accessible locations where feasible.

5. When replacing poles, the new pole should be set as close as possible to the existing pole to avoid the creation of a new pole location.

6. Poles are not to be placed in medians.

7. Concrete poles are not to be placed in inaccessible locations or locations that could potentially become inaccessible.

8. Every effort should be made not to install poles in sidewalks. If a pole must be placed in a sidewalk, a minimum unobstructed sidewalk width of 32 Inches must be maintained to comply with the American Disabilities Act requirements.

9. If concrete poles are required by the governing agency as a requirement of the permit, and if the work is being done solely for Gulf Power purposes (Feeder Tie, Et Cetera), then the concrete poles are installed with no differential charges. If the concrete poles are required as a condition of the permit, and the work is being done at the request of a customer to provide service to the customer or relocation by request of the customer, then the customer is charged a differential cost for the concrete poles.

10. When installing new overhead secondary spans, multiplexed cable should be used instead of open wire secondary. When line reconductoring or relocating existing pole lines containing open wire secondary, replace the open wire with multiplexed cable whenever possible. The system neutral should not be removed when replacing open wire secondary with multiplexed cable if primary wire is present. It is necessary to maintain a separate system neutral for operational continuity of the system.

11. When designing overhead facilities where secondary and service crossings exist across major roadways; Engineers, Engineering Representatives and Engineering Contractors should take into consideration placing these secondary street crossings underground.

12. Whenever extending a feeder, line reconductoring of a feeder section, or attaching a device to a feeder; Engineers, Engineering Representatives and Engineering Contractors should reference the nearest existing disconnect switch number on the construction drawing and show the dimension to the switch.

13. When an overhead feeder crosses any obstacle to access (Id Est: Water bodies such as rivers, canals, swamps; limited access right-of-ways such as interstate highways, turnpikes, and expressways; Et Cetera) disconnect switches should be placed on both sides of the obstacle in order to isolate the crossing in the event of a wire down situation.

14. Projects that affect or extend feeder conductors should always be coordinated with Distribution Planning to ensure optimization of the distribution grid and to take into account future feeder plans such as, feeder boundary changes, sectionalizing devices, integration of automation and remotely controlled protection.

As always, good engineering judgment, safety, reliability, and cost effectiveness should be considered. In addition to these guidelines, all distribution facilities shall be engineered to meet the minimum requirements set forth in all applicable standards and codes including but not limited to the National Electrical Safety Code, Utility Accommodation Guide, and Gulf Power's Distribution Construction Standards. Please contact the Technical Services Distribution Construction Engineering Standards team with any questions.

New Construction

1. When installing a new feeder, lateral, or service pole, reference the Pole Sizing section for the guidelines to determine the necessary pole class and type to meet the Extreme Wind Loading Standard for the wind zone region (110, 120, 130 or 140 Miles Per Hour).

2. During the design of new pole lines in developed areas, field visits should be conducted to ensure the design would cause minimum impact to the existing property owners.

3. Overhead pole lines should not be built on both sides of a roadway unless agreed to by the customer nor should multi-circuit pole lines be created. When designing main feeder routes all viable options must be reviewed (Including alternative routes) and consideration should be given to constructing the line underground.

4. When there is an existing pole line in the rear easement, every effort should be made not to build a second pole line along the right of way.

5. When installing a pole line within a transmission line, accessible distribution poles should be concrete. Distribution concrete poles should not be installed in inaccessible locations.

6. If concrete distribution poles are installed in a concrete transmission line, there is no additional charge to the customer (The concrete poles are Gulf Power's choice and not requested by the customer). Coordination between the transmission and distribution design is critical and consideration should be given to a design with all transmission poles versus distribution intermediate poles. This approach will reduce the overall number of poles.

7. When transmission is overbuilding (Concrete structures), along an existing distribution corridor, if the distribution wood poles are in good condition, do not replace. If wood poles need to be changed out or relocated, replace with concrete poles to match the transmission pole type, coordination between the transmission and distribution design is critical and consideration should be given to a design with all transmission poles versus distribution intermediate poles. This approach will reduce the overall number of poles.

Existing / Maintenance

1. When installing and/or replacing a feeder, lateral, or service pole on an existing pole line, Pole Foreman will be used for the guidelines to determine the necessary pole class and type to meet the Extreme Wind Loading Standards.

2. When installing or replacing a feeder pole on a feeder that serves a Top Critical Infrastructure Feeder customer, ensure the new pole will meet the Extreme Wind Loading Standards so that it will not have to be replaced when the feeder is hardened as a hardening project.

3. When extending pole lines, Pole Foreman will be used for the guidelines to determine the necessary pole class and type to meet the Extreme Wind Loading Standards. If concrete poles are requested by the customer or are required as a condition of the permit and fall outside the Pole Foreman recommendations, the customer will pay a differential charge for the concrete poles.

4. When replacing pole(s) and anchor(s) with larger self-supporting concrete poles, caution should be used, as the property owners in the vicinity of the pole will not necessarily perceive this concrete pole as a better choice.

5. When replacing poles on a multi-circuit feeder, the replacement pole should be designed for Extreme Wind Loading Standards using Pole Foreman to calculate the wind loading.

Relocations

1. When relocating a pole line, Pole Foreman will be used for the guidelines to determine the necessary pole class and type to meet the Extreme Wind Loading Standard for the wind zone region (110, 120, 130 or 140 Miles Per Hour).

2. When relocating either a concrete or wood pole line for a highway improvement project, the existing pole line type should be used as a guide for the pole type replacements. There is no additional charge for concrete poles if the existing poles being relocated are concrete (Like for like relocation). If the customer requests an upgrade to concrete poles, a differential is charged.

3. Reimbursable relocations will equal the cost to relocate the line built to the Extreme Wind Loading Standards (Plus removal of old line), including indirect cost.

4. Agency relocation projects should be coordinated with Distribution Planning to ensure optimization of the distribution grid and to take into account future feeder plans such as, feeder boundary changes, sectionalizing devices, integration of automation and remotely controlled protection.

Crossing Multi-Lane Limited Access Highways

The following guidelines are to be used when an overhead feeder crosses any obstacle to access (Id Est: Limited access right-of-ways such as interstate highways, turnpikes, and expressways, Et Cetera). Similar consideration can be given to water bodies such as rivers, canals, swamps.

1. Underground installation is the preferred design for all new crossings (1, 2, and 3 phase circuits) that cross multi-lane limited access highways and hardening of existing crossings.

2. Underground crossing for 1 and 2 phases should be designed for potential three phase feeder size cable. Ensure riser poles meet or exceed the Extreme Wind Loading Standard design for the designated region. For further information, please contact the Centralized Engineering Services Distribution Hardening team.

3. For accessible overhead crossings, use concrete poles for the crossing poles and minimum Class 2 wood poles for the intermediate poles. For inaccessible overhead crossings, minimum Class 2 wood poles should be used for the crossing and intermediate poles. All poles installed should meet or exceed Extreme Wind Loading Standard for the designated region.

4. Every attempt should be made to install storm guys and back guys for the highway crossing poles. Storm guys are not required on the adjacent poles.

5. Consider installing disconnect switches on adjacent poles on both sides of the crossing (Or as required by field conditions) to isolate the feeder section for restoration. Switches are to be installed in accessible locations that can be reached with readily available aerial equipment.

6. Use Pole Foreman to check for uplift on all poles.

7. Ensure to maintain proper clearance above or under all highways as dictated by the owner of the right-of-way.

8. Any conductors crossing the highway that have splices should be replaced with a continuous conductor. One additional set of dead-end insulators at the highway crossing pole may be used if this eliminates the need for splices when installing a new pole.

9. Engineers, Engineering Representatives, and Engineering Contractors must conduct a pre-design meeting with the Production Lead to ensure the feasibility of the proposed design.

10. As always, use good engineering judgment to produce a quality, cost-effective design.

Pole Sizing

1. Gulf Power has made a change to adopt Extreme Wind Loading Standards as the design criteria for (1) new pole line construction, (2) pole line extensions, (3) pole line relocations, (4) feeder pole replacements on multi-circuit pole lines, (5) feeder pole replacements on Top Critical Infrastructure Feeders, and (6) major equipment structures. Pole Foreman will be used for the guidelines to determine the necessary pole class and type for all work.

2. When installing or replacing a feeder pole on a feeder that serves a Top Critical Infrastructure Feeder customer, ensure the new pole will meet the Extreme Wind Loading Standards design so that it will not have to be replaced when the feeder is hardened as a hardening project.

3. For maintenance, existing Non-Top Critical Infrastructure pole lines may be evaluated using National Electrical Safety Code combined ice and wind loading with Grade B construction. This represents the loading prior to the adoption of the Extreme Wind Loading Standards. If the pole must be replaced, Pole Foreman will be used for guidance to determine the minimum class pole to be installed at Extreme Wind Loading Standards.

4. When performing work on an existing pole, and the pole requires change out (Exempli Gratia: clearance height, location, condition, or the ability to support the planned activity), use Pole Foreman. If the planned work can be done without changing out the pole and the pole meets minimum National Electrical Safety Code Grade B wind loading guidelines, use the existing pole(s).

5. Foreign pole owners are required to discuss design requirements with Gulf Power prior to construction. Gulf Power will assist with identifying the targeted poles.

6. Efforts should be made to ensure that span distances do not exceed 250 feet for wood poles and 350 feet for concrete poles even if longer spans would meet the Extreme Wind Loading Standards requirements.

7. Concrete poles are preferred in the cases where replacement costs would be extremely high (Id Est: Duct system riser pole, corner poles with multiple circuits, critical poles, Et Cetera). No differential is charged for poles in this case.

Lateral Pole Policy

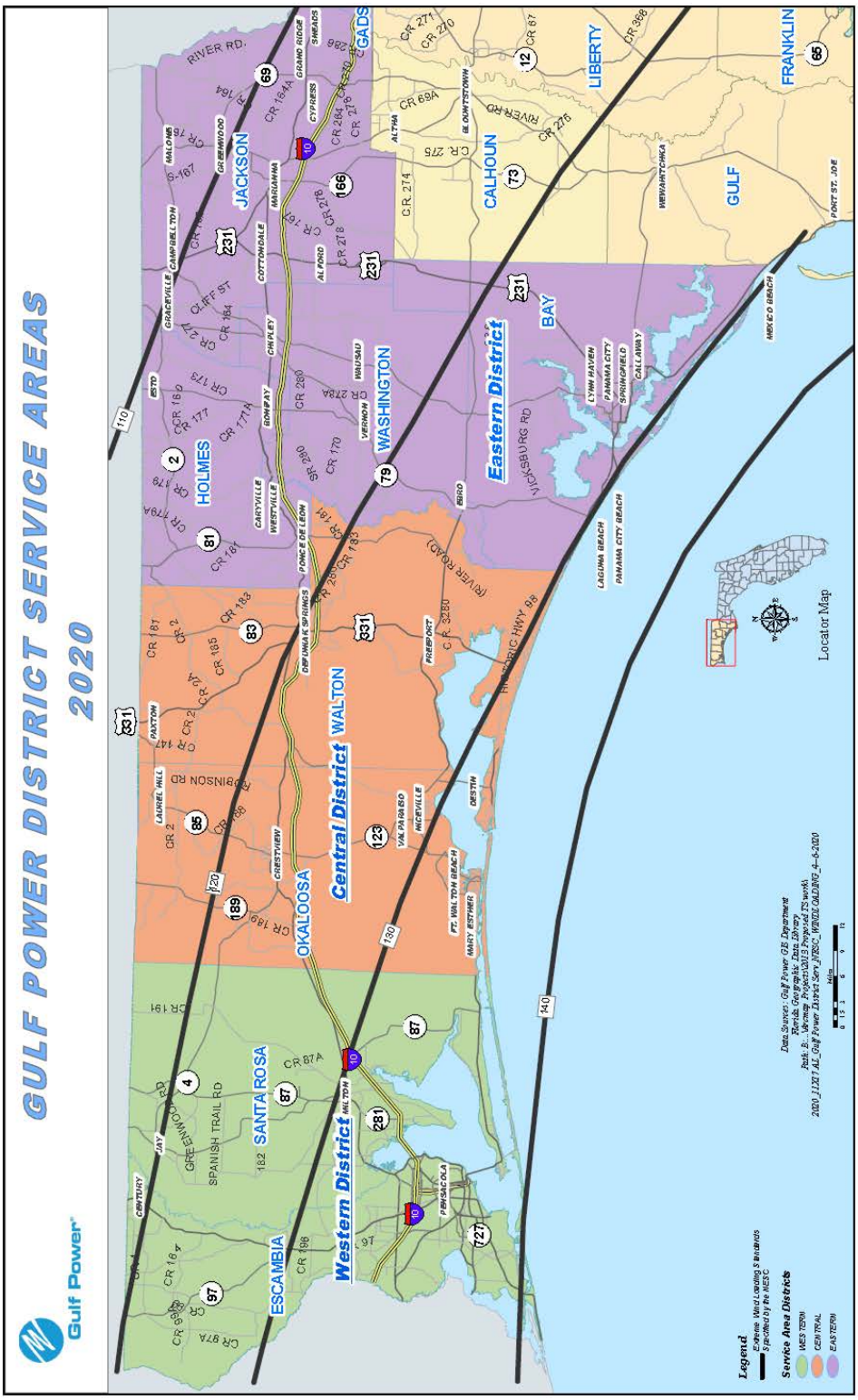
1. All existing poles must meet National Electrical Safety Code Grade B standards as an absolute minimum.
2. If a pole is modified in any way, it must meet National Electrical Safety Code Grade B standards at a minimum when completed.
3. All replacement lateral poles must meet National Electrical Safety Code Extreme Wind Loading Standards and be compliant with Gulf Power Distribution Construction Policies.

Practical Purposes and Means

1. Design and engineer all poles to the National Electrical Safety Code Extreme Wind Loading Standards and to meet Gulf Power Distribution Construction Policies.
2. Engineers, Engineering Representatives, and Engineering Contractors must run Pole Foreman on all designed Work Request and poles suspected of being substandard.
3. If you are completing substantial work on a pole, such as installing additional cables, upgrading a transformer, reconductoring or new framing; The pole must meet the Extreme Wind Loading Standards and the revised Pole Class standards.
4. Class 4 and Class 5 poles may only be installed for Services, Secondary, Street Lights, and Outdoor Lights. Once the available stock of Class 4 and Class 5 poles are used up, no more will be ordered and Gulf Power will install Class 3 poles for these applications.
5. In no case should Class 4 or Class 5 poles be installed in laterals.

Please contact the Technical Services Distribution Construction Engineering Standards team for situations that still are in question after careful consideration.

Gulf Power Service Territory
(Extreme Wind Loading Standards Map)



BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Storm Protection Plan Cost Recovery Clause	Docket No. 20200092-EI Filed: August 14, 2020

ERRATA SHEET OF MICHAEL SPOOR

July 24, 2020 –Direct Testimony

Exhibit #	Page #	Change
Exhibit MS-2 – Storm Protection Plan Work Projected to be Completed in 2021	3 of 4	Gulf inadvertently identified certain of its Substation Resiliency 2021 Projects under its Transmission Hardening Program incorrectly. The corrections to page 3 of 4 of Exhibit MS-2 resulted in the deletion and addition of the following 2021 projects:

2021 Projects (Deleted)	Monsanto Increase Capacity
	Sandestin Feeder

2021 Projects (Added)	Cordova Sub Bank Addition

The corrections to page 3 of 4 of Exhibit MS-2 also resulted in corrections to the Project Names and Scope of the following 2021 projects:

Original 2021 Project Name	Original Scope	Corrected 2021 Project Name	Corrected Scope
Innerarity Increase Capacity	Increase Bank Capacity	Innerarity Bank Addition	Install Additional Transformer Bank
Miramar Bank Addition	Install Additional Transformer Bank and New Feeder	(no change)	Install Additional Transformer Bank

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 9
PARTY: GULF POWER COMPANY – (DIRECT)
DESCRIPTION: Michael Spoor MS-2

Form 6P to Appendix I of Exhibit RBD-1	23 of 28	Form 6P to Appendix I of Exhibit RBD-1 has been revised to reflect the updated number of transformer banks Gulf projects to install in 2021 (11 instead of 9), consistent with the corrections to Exhibit MS-2

The above-described corrections are reflected in the following attached documents:

- Exhibit MS-2, page 3 of 4 in legislative format
- Exhibit MS-2, page 3 of 4 in clean format
- A complete copy of the Exhibit MS-2 in clean format
- Form 6P to Appendix I of Exhibit RBD-1, page 23 of 28 in legislative format
- Form 6P to Appendix I of Exhibit RBD-1, page 23 of 28 in clean format
- A complete copy of the Exhibit RBD-1 in clean format (attached to Errata of Sheet of Renae B. Deaton)

Exhibit MS-2, page 3 of 4
(legislative format)

Transmission Hardening Program
2021

Substation Hardening

2021 Projects	Scope	Estimated Cost [a]		Estimated	Estimated	Number of Customers	
		Capital	Expense	Start	Completion	Residential	Commercial/Industrial
Philips Inlet Storm Hardening	Storm Hardened Control House	$500,000	$0	3/1/2021	9/31/2021	6,381	513
Hathaway Storm Hardening	Storm Hardened Control House	$500,000	$0	3/1/2021	12/31/2021	12,595	984
	Total =	$1,000,000	$0				

Substation Resiliency

2021 Projects	Scope	Estimated Cost [a]		Estimated	Estimated	Number of Customers	
		Capital	Expense	Start	Completion	Residential	Commercial/Industrial
Valparaiso Substation Transformer Bank Addition	Install Additional Transformer Bank	$2,000,000	$0	3/1/2021	12/31/2021	5,245	863
South Crestview Substation Transformer Bank Addition	Install Additional Transformer Bank	$2,000,000	$0	3/1/2021	12/31/2021	5,923	1,191
Hurlburt Substation Transformer Bank Addition	Install Additional Transformer Bank	$600,000	$0	11/1/2020	6/1/2021	6,054	348
Phillips Inlet Bank Addition	Install Additional Transformer Bank	$1,345,000	$0	3/1/2021	12/31/2021	6,381	513
Blackwater Bank Addition	Install Additional Transformer Bank	$900,000	$0	7/1/2020	6/1/2021	4,255	626
Powell Lake Bank Addition	Install Additional Transformer Bank	$900,000	$0	3/1/2021	12/31/2021	3,254	532
Avalon Bank Addition	Install Additional Transformer Bank	$1,600,000	$0	1/1/2021	12/31/2021	5,779	618
Hathaway Line Breakers	Add Breakers for Redundant Transmission Line	$865,000	$0	3/1/2021	12/31/2021	12,595	984
Hathaway Tap - Hathaway Sub 2nd Circuit	New Transmission Line from Hathaway Tap to Hathaway Substation	$3,000,000	$0	1/1/2021	12/31/2021	12,595	984
~~Monsanto Increase Capacity~~Cordova Sub Bank Addition	~~Increase Bank Capacity~~Install Additional Transformer Bank	~~$2,025,000~~ $2,325,000	$0	1/1/2021	12/31/2021	0	1
Innerarity ~~Increase Capacity~~Bank Addition	~~Increase Bank Capacity and Install New Feeder~~Install Additional Transformer Bank	$2,455,000	$0	1/1/2021	12/31/2021	9,545	688
Miramar Bank Addition	Install Additional Transformer Bank ~~and New Feeder~~	$2,455,000	$0	1/1/2021	12/31/2021	8,222	843
~~Sandestin Feeder~~	~~Install New Feeder~~	~~$300,000~~	~~$0~~	~~1/1/2021~~	~~12/31/2021~~	~~5,122~~	~~568~~
Honeysuckle Bank Addition	Install Additional Transformer Bank	$2,440,000	$0	1/1/2021	12/31/2021	1,376	685
Design for 2022 Projects	TBD	$1,615,000	$0	7/1/2021	12/31/2022	TBD	TBD
	Total =	$24,500,000	$0				

Exhibit MS-2, page 3 of 4
(clean format)

Transmission Hardening Program
2021

Substation Hardening

2021 Projects	Scope	Estimated Cost [a] Capital	Expense	Estimated Start	Estimated Completion	Number of Customers Residential	Commercial/Industrial
Philips Inlet Storm Hardening	Storm Hardened Control House	$500,000	$0	3/1/2021	9/31/2021	6,381	513
Hathaway Storm Hardening	Storm Hardened Control House	$500,000	$0	3/1/2021	12/31/2021	12,595	984
	Total =	$1,000,000	$0				

Substation Resiliency

2021 Projects	Scope	Estimated Cost [a] Capital	Expense	Estimated Start	Estimated Completion	Number of Customers Residential	Commercial/Industrial
Valparaiso Substation Transformer Bank Addition	Install Additional Transformer Bank	$2,000,000	$0	3/1/2021	12/31/2021	5,245	863
South Crestview Substation Transformer Bank Addition	Install Additional Transformer Bank	$2,000,000	$0	3/1/2021	12/31/2021	5,923	1,191
Hurlburt Substation Transformer Bank Addition	Install Additional Transformer Bank	$600,000	$0	11/1/2020	6/1/2021	6,054	348
Phillips Inlet Bank Addition	Install Additional Transformer Bank	$1,345,000	$0	3/1/2021	12/31/2021	6,381	513
Blackwater Bank Addition	Install Additional Transformer Bank	$900,000	$0	7/1/2020	6/1/2021	4,255	626
Powell Lake Bank Addition	Install Additional Transformer Bank	$900,000	$0	3/1/2021	12/31/2021	3,254	532
Avalon Bank Addition	Install Additional Transformer Bank	$1,600,000	$0	1/1/2021	12/31/2021	5,779	618
Hathaway Line Breakers	Add Breakers for Redundant Transmission Line	$865,000	$0	3/1/2021	12/31/2021	12,595	984
Hathaway Tap - Hathaway Sub 2nd Circuit	New Transmission Line from Hathaway Tap to Hathaway Substation	$3,000,000	$0	1/1/2021	12/31/2021	12,595	984
Cordova Sub Bank Addition	Install Additional Transformer Bank	$2,325,000	$0	1/1/2021	12/31/2021	0	1
Innerarity Bank Addition	Install Additional Transformer Bank	$2,455,000	$0	1/1/2021	12/31/2021	9,545	688
Miramar Bank Addition	Install Additional Transformer Bank	$2,455,000	$0	1/1/2021	12/31/2021	8,222	843
Honeysuckle Bank Addition	Install Additional Transformer Bank	$2,440,000	$0	1/1/2021	12/31/2021	1,376	685
Design for 2022 Projects	TBD	$1,615,000	$0	7/1/2021	12/31/2022	TBD	TBD
	Total =	$24,500,000	$0				

Complete Copy of the Corrected Exhibit MS-2
(clean format)

Distribution Feeder Hardening Program
2021

Distribution Feeder Hardening

2021 Projects	District	Substation	Feeders	Scope	Estimated Cost [(a)] Capital	Expense	Estimated Start	Estimated Completion	Number of Customers Residential	Com/Industrial	Criteria
Glendale Road 7902	Fort Walton	Glendale Road	7902	Replace and hardening 75 poles	$1,082,000	$139,000	1/1/2021	4/30/2021	1,614	466	CIF
Glendale Road 7912	Fort Walton	Glendale Road	7912	Replace and hardening 75 poles	$1,082,000	$139,000	4/1/2021	7/31/2021	1,372	276	CIF
South Crestview 9682	Fort Walton	South Crestview	9682	Replace and hardening 35 poles	$759,000	$97,000	7/1/2021	9/30/2021	1,594	327	CIF
South Crestview 9692	Fort Walton	South Crestview	9692	Replace and hardening 35 poles	$759,000	$97,000	9/1/2021	11/30/2021	1,858	509	CIF
Turner 5662	Fort Walton	Turner	5662	Replace and hardening 123 poles	$2,139,000	$274,000	1/1/2021	7/31/2021	3,105	269	CIF
Valparaiso 9252	Fort Walton	Valparaiso	9252	Replace and hardening 90 poles	$1,074,000	$138,000	7/1/2021	11/30/2021	2,229	274	CIF
Sullivan Street 9622	Fort Walton	Sullivan Street	9622	Replace and hardening 94 poles	$1,621,000	$207,000	5/1/2021	9/30/2021	1,002	360	CIF
Bonifay 9832	Panama City	Bonifay	9832	Replace and hardening 132 poles	$2,070,000	$265,000	1/1/2021	7/31/2021	1,721	495	CIF
Chipley 9222	Panama City	Chipley	9222	Replace and hardening 31 poles	$449,000	$58,000	3/1/2021	5/31/2021	632	397	CIF
Graceville 9112	Panama City	Graceville	9112	Replace and hardening 33 poles	$435,000	$56,000	7/1/2021	9/30/2021	901	212	CIF
Graceville 9122	Panama City	Graceville	9122	Replace and hardening 34 poles	$435,000	$56,000	9/1/2021	11/30/2021	125	96	CIF
Vernon 9522	Panama City	Vernon	9522	Replace and hardening 34 poles	$923,000	$118,000	6/1/2021	8/31/2021	1,451	267	CIF
Beach Haven 6052	Pensacola	Beach Haven	6052	Replace and hardening 48 poles	$750,000	$96,000	9/1/2021	11/30/2021	2,637	170	COM
Brentwood 6662	Pensacola	Brentwood	6662	Replace and hardening 135 poles	$1,842,000	$236,000	5/1/2021	11/30/2021	1,334	182	CIF
Crooked Creek 6212	Pensacola	Crooked Creek	6212	Replace and hardening 107 poles	$1,541,000	$197,000	1/1/2021	7/31/2021	2,431	237	CIF
Jay Road 7272	Pensacola	Jay Road	7272	Replace and hardening 64 poles	$873,000	$112,000	2/1/2021	5/31/2021	2,135	419	CIF
Jay Road 7282	Pensacola	Jay Road	7282	Replace and hardening 54 poles	$960,000	$123,000	5/1/2021	9/30/2021	1,471	238	CIF
Oakfield 7922	Pensacola	Oakfield	7922	Replace and hardening 61 poles	$798,000	$102,000	7/1/2021	10/31/2021	2,089	168	CIF
2022 ROW & Vegetation	Various	Various	Various	Replace and hardening ~ 500 - 930 poles	$6,400,000	$0	1/1/2021	12/31/2022	TBD	TBD	CIF
2022 Design & Permitting	Various	Various	Various	Replace and hardening ~ 500 - 930 poles	$408,000	$0	1/1/2021	12/31/2022	TBD	TBD	CIF
				Total =	$26,400,000	$2,510,000					

*CIF = Critical Infrastructure Facility COM = Community

Distribution Automation	2021 Capital Plan
Distribution Automated Feeder Switch 'AFS' Capital; Feeder Reclose & Switched Installations. 2021: Fort Walton: 24 Sites; Panama City: 24 Sites; Pensacola 24 Sites	$3,600,000
Distribution Automation Other Capital: Communication & Control Equipment for Fault Current Indicators and other field equipment capable of providing SCADA information and controls	$5,900,000
Total =	$9,500,000

	Cap	O&M
Distribution Feeder Hardening 2021 Total	$35,900,000	$2,510,000

Notes
(a) Amounts reflect SPP totals and breakdown between base and clause amounts can be seen in RBD-1 Appendix 1 -Form 6P
(a) The SPP projects that will be completed as well as the associated costs in 2021 could vary based on a number of factors.

Distribution Hardening - Lateral Undergrounding Program
2021

Distribution Lateral Hardening

2021 Projects	District	Substation	Feeders	Scope	Estimated Cost [(a)] Capital	Estimated Cost [(a)] Expense	Estimated Start	Estimated Completion	Number of Customers Residential	Number of Customers Com/Industrial
Bayou Marcus 7722	Pensacola	Bayou Marcus	7722	Replace overhead conductor 1.0 miles with underground conductors based on predetermined criteria	$750,000	$27,000	3/1/2021	12/31/2021	1,046	26
Pace 7292	Pensacola	Pace	7292	Replace overhead conductor 1.25 miles with underground conductors based on predetermined criteria	$750,000	$27,000	5/1/2021	12/31/2021	1,879	176
Various	Pensacola	Various	Various	Replace overhead conductor 5 miles with underground conductors based on predetermined criteria	$3,500,000	$126,000	5/1/2021	12/31/2021	TBD	TBD
Transmission Hardening 2021 Total					$5,000,000	$180,000				

Notes

(a) Amounts reflect SPP totals and breakdown between base and clause amounts can be seen in RBD-1 Appendix 1 -Form 6P

(a) The SPP projects that will be completed as well as the associated costs in 2021 could vary based on a number of factors.

Transmission Hardening Program
2021

Substation Hardening

2021 Projects	Scope	Estimated Cost [(a)] Capital	Estimated Cost [(a)] Expense	Estimated Start	Estimated Completion	Number of Customers Residential	Number of Customers Commercial/Industrial
Philips Inlet Storm Hardening	Storm Hardened Control House	$500,000	$0	3/1/2021	9/31/2021	6,381	513
Hathaway Storm Hardening	Storm Hardened Control House	$500,000	$0	3/1/2021	12/31/2021	12,595	984
	Total =	$1,000,000	$0				

Substation Resiliency

2021 Projects	Scope	Estimated Cost [(a)] Capital	Estimated Cost [(a)] Expense	Estimated Start	Estimated Completion	Number of Customers Residential	Number of Customers Commercial/Industrial
Valparaiso Substation Transformer Bank Addition	Install Additional Transformer Bank	$2,000,000	$0	3/1/2021	12/31/2021	5,245	863
South Crestview Substation Transformer Bank Addition	Install Additional Transformer Bank	$2,000,000	$0	3/1/2021	12/31/2021	5,923	1,191
Hurlburt Substation Transformer Bank Addition	Install Additional Transformer Bank	$600,000	$0	11/1/2020	6/1/2021	6,054	348
Phillips Inlet Bank Addition	Install Additional Transformer Bank	$1,345,000	$0	3/1/2021	12/31/2021	6,381	513
Blackwater Bank Addition	Install Additional Transformer Bank	$900,000	$0	7/1/2020	6/1/2021	4,255	626
Powell Lake Bank Addition	Install Additional Transformer Bank	$900,000	$0	3/1/2021	12/31/2021	3,254	532
Avalon Bank Addition	Install Additional Transformer Bank	$1,600,000	$0	1/1/2021	12/31/2021	5,779	618
Hathaway Line Breakers	Add Breakers for Redundant Transmission Line	$865,000	$0	3/1/2021	12/31/2021	12,595	984
Hathaway Tap - Hathaway Sub 2nd Circuit	New Transmission Line from Hathaway Tap to Hathaway Substation	$3,000,000	$0	1/1/2021	12/31/2021	12,595	984
Cordova Bank Addition	Install Additional Transformer Bank	$2,325,000	$0	1/1/2021	12/31/2021	0	1
Innerarity Bank Addition	Install Additional Transformer Bank	$2,455,000	$0	1/1/2021	12/31/2021	9,545	688
Miramar Bank Addition	Install Additional Transformer Bank	$2,455,000	$0	1/1/2021	12/31/2021	8,222	843
Honeysuckle Bank Addition	Install Additional Transformer Bank	$2,440,000	$0	1/1/2021	12/31/2021	1,376	685
Design for 2022 Projects	TBD	$1,615,000	$0	7/1/2021	12/31/2022	TBD	TBD
	Total =	$24,500,000	$0				

Transmission Hardening Program
2021

Wood Structure Replacement

2021 Projects	Transmission Line	Estimated Cost [(a)] Capital	Expense	Estimated Start	Completion	Number of Customers Residential	Commercial/Industrial
19	Greenwood - Long Beach	$931,000	$19,000	1/1/2021	12/31/2021	Transmission System Loop	
36	Bayou Chico - Devilliers	$1,764,000	$36,000	1/1/2021	12/31/2021	Transmission System Loop	
30	Santa Rosa - Miramar #1	$1,470,000	$30,000	1/1/2021	12/31/2021	Transmission System Loop	
52	Wewa Road - Tyndall #1 (Radial)	$2,548,000	$52,000	1/1/2021	12/31/2021	Transmission System Loop	
17	Smith - Greenwood	$833,000	$17,000	1/1/2021	12/31/2021	Transmission System Loop	
88	Valparaiso - Turner	$4,312,000	$88,000	1/1/2021	12/31/2021	Transmission System Loop	
90	Crist - Crestview #1	$4,900,000	$100,000	1/1/2021	12/31/2021	Transmission System Loop	
40	Caryville Tap	$2,038,400	$41,600	1/1/2021	12/31/2021	Transmission System Loop	
Design for 2022 Projects	TBD	$803,600	$16,400	1/1/2021	12/31/2021	Transmission System Loop	
	Total =	$19,600,000	$400,000				

	Cap	O&M
Transmission Hardening 2021 Total	$45,100,000	$400,000

Notes

(a) Amounts reflect SPP totals and breakdown between base and clause amounts can be seen in RBD-1 Appendix 1 -Form 6P

(a) The SPP projects that will be completed as well as the associated costs in 2021 could vary based on a number of factors.

Form 6P to Appendix I of Exhibit RBD-1, page 23 of 28
(legislative format)

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Projections:

SPP Year 2021 – For 2021, Gulf projects it will harden approximately 370 structures, 2 control houses, install ~~9~~ 11 additional transformer banks, and add a second transmission line to a substation. Gulf estimates that it will incur approximately $45.5 million in 2021 for the Transmission Hardening Program, which includes approximately $40.8 million in capital expenditures, $4.3 million in cost of removal, and $0.4 million in O&M expenses. Gulf is seeking to recover $40.8 million of capital expenditures for the Transmission Hardening Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures and cost of removal for this program will be recovered through base rates.

Form 6P to Appendix I of Exhibit RBD-1, page 23 of 28
(clean format)

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Projections:

SPP Year 2021 – For 2021, Gulf projects it will harden approximately 370 structures, 2 control houses, install 11 additional transformer banks, and add a second transmission line to a substation. Gulf estimates that it will incur approximately $45.5 million in 2021 for the Transmission Hardening Program, which includes approximately $40.8 million in capital expenditures, $4.3 million in cost of removal, and $0.4 million in O&M expenses. Gulf is seeking to recover $40.8 million of capital expenditures for the Transmission Hardening Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures and cost of removal for this program will be recovered through base rates.

Exhibit LF-1

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 10
PARTY: GULF POWER COMPANY – (DIRECT)
DESCRIPTION: Liz Fuentes LF-1 (GULF)

Gulf Power Company
Determination of Cost Recovery through the SPPCRC
($ in thousands)

Line No.	SPP Program	2017 Test Year Threshold Proxy [A] (1)	Actual Capex 2017 -2019 (2)	2020 Forecast [B],[C] (3)	Total Capex 2017 through 2020 (4) = (2) + (3)	Incremental Capex through 2020 [D] (5) = (4) - (1)
1	**Distribution Inspection Program**					
2	**Capital Expenditures**	$ 1,873	$ 5,830	$ 1,553	$ 7,383	$ 5,510
3	**Cost of Removal**			$ 947		
4	**Total**	$ 1,873	$ 5,830	$ 2,500	$ 7,383	
5						
6	**Transmission Inspection Program** [E]					
7	**Capital Expenditures**	$ -	$ -	$ -	$ -	N/A
8	**Cost of Removal**			$ -		
9	**Total**	$ -	$ -	$ -	$ -	
10						
11	**Distribution Feeder Hardening Program**					
12	**Capital Expenditures**	$ 5,906	$ 22,590	$ 9,922	$ 32,511	$ 26,605
13	**Cost of Removal**			$ 1,578		
14	**Total**	$ 5,906	$ 22,590	$ 11,500	$ 32,511	
15						
16	**Distribution Hardening - Lateral Undergrounding Program** [F]					
17	**Capital Expenditures**	$ -	$ -	$ -	$ -	$ -
18	**Cost of Removal**			$ -		
19	**Total**	$ -	$ -	$ -	$ -	
20						
21	**Transmission Hardening Program**					
22	**Capital Expenditures**	$ 6,360	$ 7,812	$ 4,695	$ 12,507	$ 6,147
23	**Cost of Removal**			$ 525		
24	**Total**	$ 6,360	$ 7,812	$ 5,220	$ 12,507	
25						
26	**Totals**					
27	**Capital Expenditures**	$ 14,139	$ 36,232	$ 16,170	$ 52,402	$ 38,263
28	**Cost of Removal**			$ 3,050		
29	**Total**	$ 14,139	$ 36,232	$ 19,220	$ 52,402	
30						

31 **Notes:**

32 [A] Amounts reflected were included in Gulf's MFRs in its last base rate case (Docket No. 160186-EI) and represent dollars forecasted to be invested in storm hardening projects in 2017.

33 [B] Totals by SPP program tie to the capital costs reflected on Appendix C of Gulfs 2020 - 2029 SPP, which is provided as Exhibit MS-1 to the testimony of Gulf witness Spoor and is currently pending before the FPSC in Docket No. 20200070-EI.

34 [C] Cost of removal was estimated based on an average of historical spend.

35 [D] Amounts reflected are above the amount of capital expenditures forecasted for storm hardening projects in Gulf's 2017 Test Year.

36 [E] Gulf does not have a basis to determine the amount of capital expenditures for its Transmission Inspection Program which are incremental to its base rates. Therefore, amounts forecasted for 2020 have been excluded from this Exhibit.

37 [F] Program is expected to begin in 2021.

Exhibit LF-2

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 11
PARTY: GULF POWER COMPANY – (DIRECT)
DESCRIPTION: Liz Fuentes LF-2 (GULF)

Gulf Power Company
2021 SPPCRC Capital Costs
($ in thousands)

Line No.	SPP Program	2021 Forecast [A] [B] (1)	SPPCRC (2)	Base (3)	Total (4) = (2) + (3)
1	**Distribution Inspection Program**				
2	**Capital Expenditures**	$ 1,740	$ 1,740	$ -	$ 1,740
3	**Cost of Removal**	$ 1,060	$ -	$ 1,060	$ 1,060
4	**Total**	$ 2,800	$ 1,740	$ 1,060	$ 2,800
5					
6	**Transmission Inspection Program**				
7	**Capital Expenditures**	$ 2,578	$ -	$ 2,578	$ 2,578
8	**Cost of Removal**	$ 572	$ -	$ 572	$ 572
9	**Total**	$ 3,150	$ -	$ 3,150	$ 3,150
10					
11	**Distribution Feeder Hardening Program**				
12	**Capital Expenditures**	$ 30,843	$ 30,843	$ -	$ 30,843
13	**Cost of Removal**	$ 5,057	$ -	$ 5,057	$ 5,057
14	**Total**	$ 35,900	$ 30,843	$ 5,057	$ 35,900
15					
16	**Distribution Hardening - Lateral Undergrounding Program**				
17	**Capital Expenditures**	$ 4,850	$ 4,850	$ -	$ 4,850
18	**Cost of Removal**	$ 150	$ -	$ 150	$ 150
19	**Total**	$ 5,000	$ 4,850	$ 150	$ 5,000
20					
21	**Transmission Hardening Program**				
22	**Capital Expenditures**	$ 40,770	$ 40,770	$ -	$ 40,770
23	**Cost of Removal**	$ 4,330	$ -	$ 4,330	$ 4,330
24	**Total**	$ 45,100	$ 40,770	$ 4,330	$ 45,100
25					
26	**Totals**				
27	**Capital Expenditures**	$ 80,781	$ 78,202	$ 2,578	$ 80,781
28	**Cost of Removal**	$ 11,169	$ -	$ 11,169	$ 11,169
29	**Total**	$ 91,950	$ 78,202	$ 13,748	$ 91,950
30					
31	**Notes:**				
32	[A] Totals by SPP program tie to the capital costs reflected on Appendix C of Gulf's 2020 -2029 SPP, which is provided as Exhibit MS-1 to the testimony of Gulf witness Spoor and is currently pending before the FPSC in Docket No. 20200070-EI.				
33	[B] Cost of removal was estimated based on an average of historical spend.				

Exhibit LF-3

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 12
PARTY: GULF POWER COMPANY – (DIRECT)
DESCRIPTION: Liz Fuentes LF-3 (GULF)

GULF POWER COMPANY
Forecasted 2021 Weighted Average Cost of Capital ("WACC")
($ in thousands)

2021 Clause Projection Filing

Forecasted 2021 WACC (13-month average)

	Sys Per Book	Retail Per Book (1)	Pro Rata Adj	Specific Adj	Adj'd Retail	Cap Ratio	Cost Rate	Weighted Cost
Common Equity	$ 2,821,209	$ 2,753,904	$ (1,160,633)	$ (154,533)	$ 1,438,737	43.79%	10.25%	4.49%
Long Term Debt	1,604,208	1,568,535	(580,875)	(63,974)	923,685	28.12%	2.91%	0.82%
Short Term Debt	501,370	489,760	(205,676)	42,975	327,058	9.96%	0.51%	0.05%
Customer Deposits	35,626	35,467	(14,894)	-	20,572	0.63%	2.66%	0.02%
Invest Tax Credits	28,544	27,883	(11,710)	-	16,174	0.49%	7.38%	0.04%
Deferred Inc Taxes	986,179	963,331	(404,743)	448	559,037	17.02%	0.00%	0.00%
Total	$ 5,977,137	$ 5,838,879	$ (2,378,531)	$ (175,084)	$ 3,285,264	100.00%		5.41%

2021 Proration Adjustment

	Month	ADIT Bal	Deprec-Related ADFIT Bal (2) (3)	Deprec-Related ADFIT Activity	Days to Prorate	Future Days in Period	Prorated Deprec-Related ADFIT Activity	Prorated Deprec-Related ADFIT Bal
	Dec-20	$ 968,134	$ 968,134					$ 968,134
projected	Jan-21	973,117	970,410	2,275	31	335	2,088	970,223
projected	Feb-21	976,634	972,671	2,261	28	307	1,902	972,125
projected	Mar-21	981,637	974,918	2,247	31	276	1,699	973,824
projected	Apr-21	983,606	977,152	2,233	30	246	1,505	975,329
projected	May-21	986,238	979,372	2,220	31	215	1,308	976,637
projected	Jun-21	988,200	981,578	2,206	30	185	1,118	977,755
projected	Jul-21	989,173	983,769	2,191	31	154	924	978,679
projected	Aug-21	989,799	985,945	2,176	31	123	733	979,413
projected	Sep-21	992,851	988,106	2,161	30	93	551	979,963
projected	Oct-21	994,112	990,253	2,148	31	62	365	980,328
projected	Nov-21	996,244	992,388	2,135	30	32	187	980,515
projected	Dec-21	1,000,580	994,108	1,720	31	1	5	980,520
		$ 986,179	$ 981,446	$ 1,998	365		$ 12,386	$ 980,520

Deprec-Related 13-Mo Avg Bal	$ 981,446
2021 Proration Adj.	$ (926)

Forecasted 2021 WACC with Proration Adjustment

	Sys Per Book	Proration Adjustment	System Per Books Adj'd	Retail Per Book (1)	Pro Rata Adj	Specific Adj	Adj'd Retail	Cap Ratio	Cost Rate	Weighted Cost
Common Equity	$ 2,821,209	$ 524	$ 2,821,732	$ 2,754,416	$ (1,160,848)	$ (154,553)	$ 1,439,015	43.80%	10.25%	4.49%
Long Term Debt	1,604,208	298	1,604,506	1,568,826	(580,998)	(63,959)	923,870	28.12%	2.91%	0.82%
Short Term Debt	501,370	93	501,463	489,851	(205,715)	42,979	327,116	9.96%	0.51%	0.05%
Customer Deposits	35,626	7	35,633	35,473	(14,897)	-	20,576	0.63%	2.66%	0.02%
Invest Tax Credits	28,544	5	28,550	27,889	(11,712)	-	16,177	0.49%	7.38%	0.04%
Deferred Inc Taxes	986,179	(926)	985,252	962,424	(404,362)	448	558,511	17.00%	0.00%	0.00%
Total	$ 5,977,137	$ -	$ 5,977,137	$ 5,838,879	$ (2,378,531)	$ (175,084)	$ 3,285,264	100.00%		5.41%

Notes:

(1) Adjusted for non-utility assets and other special funds.

(2) Beginning balance represents the sum of projected balances for 1) total ADIT and 2) FAS 109 regulatory assets and liabilities.

(3) Projected activity for 2021 only includes amounts for depreciation related ADFIT.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Storm Protection Plan Cost Recovery Clause	Docket No. 20200092-EI Filed: August 14, 2020

ERRATA SHEET OF RENAE B. DEATON

July 24, 2020 –Direct Testimony

Exhibit #	Page #	Change
Form 4P to Appendix I of Exhibit RBD-1	1 of 1	Gulf inadvertently used incorrect formulas in certain cells of the native Microsoft Excel document used to create Form 4P, which resulted in incorrect Projected Average 12-Coincident Peak ("12CP") at Meter and Projected Non-Coincident Peak ("NCP") at Meter figures for all rate classes. The corrected formulas resulted in fallout changes in the 12CP and NCP Demand at Generation; the 12CP and NCP Percentage Demand at Generation; and the amount of Transmission and Distribution Demand-Related Costs allocated to the rate classes and are reflected in the figures provided in the Corrected Form 4P attached hereto.
Form 5P to Appendix I of Exhibit RBD-1	1 of 1	Because certain cells in the native Microsoft Excel document used to create Form 5P refer to certain formulas in Form 4P, the correction to the formulas used in Form 4P resulted in changes to the 2021 SPP Factors on Form 5P for the following rate classes:

Rate Class	Original 2021 SPP Factor	Corrected 2021 SPP Factor
RS, RSVP, RSTOU	$0.036/kWh	$0.037/kWh
PX, PXT, RTP, SBS	$0.027/kWh	$0.026/kWh
OS-I/II	$0.029/kWh	$0.023/kWh
OS-III	$0.021/kWh	$0.022/kWh

Additionally, the Percentage of kWh Sales at Generation and the Projected Sales at Meter in Form 5P was corrected to match Form 4P.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 13
PARTY: GULF POWER COMPANY – (DIRECT)
DESCRIPTION: Renae B. Deaton, Michael Spoor, Liz Fuentes RBD-1 (GULF)

Attachment A to Gulf's 2021 SPPCRC Petition	Attachment A to Gulf's 2021 SPPCRC Petition has been revised consistent with the correction to Form 5P above

The above-described corrections are reflected in the following attached documents:

- Form 4P to Appendix I of Exhibit RBD-1, page 1 of 1 in legislative format
- Form 4P to Appendix I of Exhibit RBD-1, page 1 of 1 in in clean format
- Form 5P to Appendix I of Exhibit RBD-1, page 1 of 1 in legislative format
- Form 5P to Appendix I of Exhibit RBD-1, page 1 of 1 in clean format
- Attachment A to Gulf's 2021 SPPCRC Petition, page 1 of 1 in legislative format
- Attachment A to Gulf's 2021 SPPCRC Petition, page 1 of 1 in clean format
- A complete copy of the Exhibit RBD-1 in clean format

Form 4P to Appendix I of Exhibit RBD-1, page 1 of 1
(legislative format)

Gulf Power Company
Storm Protection Plan (SPP)
Calculation of the Energy & Demand Allocation % By Rate Class
Projected Period: January through December 2021

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
RATE CLASS	Average 12 CP Load Factor at Meter (%)	Average NCP Load Factor at Meter (%)	Jan - Dec. 2021 Projected Sales at Meter (kWh)	Projected Avg 12 CP at Meter (kW)	Projected Avg NCP at Meter (kW)	Demand Loss Expansion Factor	Energy Loss Expansion Factor	Projected Sales at Generation (kWh)	Projected Avg 12 CP at Generation (kW)	Projected Avg NCP at Generation (kW)	Percentage of kWh Sales at Generation (%)	Percentage of 12 CP Demand at Generation (%)	Percentage of NCP Demand at Generation (%)
RS, RSVP, RSTOU	58.270328%	56.128051%	5,396,609,000	~~1,054,341~~ 1,057,230	~~1,118,517~~ 1,097,582	1.00609343	1.00559591	5,426,807,938	~~1,060,766~~ 1,063,672	~~1,125,332~~ 1,104,270	50.56646%	58.08655%	~~54.52657%~~ 55.34698%
GS	57.224449%	51.437382%	311,376,000	~~61,946~~ 62,115	~~71,442~~ 69,104	1.00608241	1.00559477	313,118,077	~~62,322~~ 62,493	~~71,876~~ 69,524	2.91760%	3.41272%	~~3.48267%~~ 3.48461%
GSD, GSDT, GSTOU	74.102156%	65.785406%	2,481,479,000	~~381,230~~ 382,275	~~440,270~~ 430,603	1.00590017	1.00544671	2,494,994,896	~~383,480~~ 384,530	~~442,868~~ 433,144	23.24812%	20.99899%	~~21.45859%~~ 21.70954%
LP, LPT	85.094449%	76.438817%	751,037,000	~~100,477~~ 100,753	~~124,236~~ 112,161	0.98747379	0.99210885	745,110,454	~~99,219~~ 99,490	~~122,680~~ 110,756	6.94287%	5.43312%	~~5.94430%~~ 5.55121%
PX, PXT, RTP, SBS	84.969637%	72.991745%	1,644,662,000	~~220,354~~ 220,958	~~280,196~~ 257,216	0.96884429	0.97666479	1,606,283,467	~~213,489~~ 214,073	~~271,467~~ 249,203	14.96719%	11.69043%	~~13.15358%~~ 12.49026%
OS-I/II	767.743332%	49.337282%	98,024,000	~~1,454~~ 1,458	~~24,069~~ 22,681	1.00619545	1.00560119	98,573,051	~~1,463~~ 1,467	~~24,218~~ 22,821	0.91849%	0.08009%	~~1.17347%~~ 1.14381%
OS-III	98.645916%	98.645916%	46,881,000	~~5,410~~ 5,425	~~5,350~~ 5,425	1.00617773	1.00558881	47,143,009	~~5,444~~ 5,459	~~5,383~~ 5,459	0.43927%	0.29810%	~~0.26082%~~ 0.27359%
TOTAL			10,730,068,000	~~1,825,212~~ 1,830,213	~~2,064,080~~ 1,994,772			10,732,030,892	~~1,826,181~~ 1,831,185	~~2,063,824~~ 1,995,176	100.00000%	100.00000%	100.00000%

Notes:

(A) Average 12 CP load factor based on actual 2018 load research data
(B) Average NCP load factor based on actual load research data
(C) Projected kWh sales for the period January 2021 - December 2021
(D) Calculated: (Col A) / (8,784 x Col C), (8,784 hours = the # of hours in 1 year)
(H) Column C x Column G
(I) Column D x Column F
(J) Column E x Column F
(K) Column H/ total for Column H
(L) Column I / total for Column I
(M) Column J / total for Column J

Form 4P to Appendix I of Exhibit RBD-1, page 1 of 1
(clean format)

Gulf Power Company
Storm Protection Plan (SPP)
Calculation of the Energy & Demand Allocation % By Rate Class
Projected Period: January through December 2021

RATE CLASS	(A) Average 12 CP Load Factor at Meter (%)	(B) Average NCP Load Factor at Meter (%)	(C) Jan - Dec. 2021 Projected Sales at Meter (kWh)	(D) Projected Avg 12 CP at Meter (kW)	(E) Projected Avg NCP at Meter (kW)	(F) Demand Loss Expansion Factor	(G) Energy Loss Expansion Factor	(H) Projected Sales at Generation (kWh)	(I) Projected Avg 12 CP at Generation (kW)	(J) Projected Avg NCP at Generation (kW)	(K) Percentage of kWh Sales at Generation (%)	(L) Percentage of 12 CP Demand at Generation (%)	(M) Percentage of NCP Demand at Generation (%)
RS, RSVP, RSTOU	58.270328%	56.128051%	5,396,609,000	1,057,230	1,097,582	1.00609343	1.00559591	5,426,807,938	1,063,672	1,104,270	50.56646%	58.08655%	55.34698%
GS	57.224449%	51.437382%	311,376,000	62,115	69,104	1.00608241	1.00559477	313,118,077	62,493	69,524	2.91760%	3.41272%	3.48461%
GSD, GSDT, GSTOU	74.102156%	65.785406%	2,481,479,000	382,275	430,603	1.00590017	1.00544671	2,494,994,896	384,530	433,144	23.24812%	20.99899%	21.70954%
LP, LPT	85.094449%	76.438817%	751,037,000	100,753	112,161	0.98747379	0.99210885	745,110,454	99,490	110,756	6.94287%	5.43312%	5.55121%
PX, PXT, RTP, SBS	84.969637%	72.991745%	1,644,662,000	220,958	257,216	0.96884429	0.97666479	1,606,283,467	214,073	249,203	14.96719%	11.69043%	12.49026%
OS-I/II	767.743332%	49.337282%	98,024,000	1,458	22,681	1.00619545	1.00560119	98,573,051	1,467	22,821	0.91849%	0.08009%	1.14381%
OS-III	98.645916%	98.645916%	46,881,000	5,425	5,425	1.00617773	1.00558881	47,143,009	5,459	5,459	0.43927%	0.29810%	0.27359%
TOTAL			10,730,068,000	1,830,213	1,994,772			10,732,030,892	1,831,185	1,995,176	100.00000%	100.00000%	100.00000%

Notes:

(A) Average 12 CP load factor based on actual 2018 load research data
(B) Average NCP load factor based on actual load research data
(C) Projected kWh sales for the period January 2021 - December 2021
(D) Calculated: (Col A) / (8,784 x Col C), (8,784 hours = the # of hours in 1 year)
(H) Column C x Column G
(I) Column D x Column F
(J) Column E x Column F
(K) Column H/ total for Column H
(L) Column I / total for Column I
(M) Column J / total for Column J

Form 5P to Appendix I of Exhibit RBD-1, page 1 of 1
(legislative format)

Gulf Power Company
Storm Protection Plan
Calculation of the Cost Recovery Factors by Rate Class
January 2021 - December 2021

RATE CLASS	(A) Percentage of kWh Sales at Generation (%)	(B) Percentage of 12 CP Demand at Generation (%)	(C) Percentage of NCP Demand at Generation (%)	(D) Transmission Energy-Related Costs	(E) Transmission Demand-Related Costs	(F) Distribution Demand-Related Costs	(G) Total SPP Costs	(H) Projected Sales at Meter (kWh)	(I) Projected Demand at Meter (kW)	(J) SPP Factors (¢/kWh)	(K) SPP Factors ($/kW)
	~~50.74056%~~	~~58.17902%~~	~~54.52657%~~	~~67,282~~	~~925,739~~	~~974,644~~	~~1,967,665~~	~~5,415,188,719~~		~~0.036~~	
RS, RSVP, RSTOU	50.56646%	58.08655%	55.34698%	67,051	924,269	989,307	1,980,627	5,396,609.000		0.037	
		~~3.40643%~~	~~3.48267%~~		~~54,203~~	~~62,251~~	~~120,323~~	~~311,376,469~~			
GS	2.91760%	3.41272%	3.48461%	3,869	54,303	62,286	120,458	311,376,000		0.039	
	~~23.24811%~~	~~20.96025%~~	~~21.45859%~~		~~333,518~~	~~383,564~~	~~747,909~~	~~2,481,478,434~~			
GSD, GSDT, GSTOU	23.24812%	20.99899%	21.70954%	30,827	334,134	338,050	753,011	2,481,479,000	7,937,010	0.030	$ 0.09
	~~6.94286%~~	~~5.42310%~~	~~5.94430%~~		~~86,292~~	~~106,252~~	~~201,750~~	~~751,036,801~~			
LP, LPT	6.94287%	5.43312%	5.55121%	9,206	86,451	99,226	194,883	751,037.000	1,669,029		$ 0.12
	~~14.96719%~~	~~11.66887%~~	~~13.15358%~~		~~185,674~~	~~235,115~~	~~440,635~~	~~1,644,662,049~~		~~0.027~~	
PX, PXT, RTP, SBS	14.96719%	11.69043%	12.49026%	19,846	186.017	223.259	429.122	1,644,662.000		0.026	
		~~0.06479%~~		~~987~~							
	~~0.74440%~~	0.08009%	~~1.17347%~~	1,218	~~1,031~~	~~20,975~~	~~22,993~~	~~79,443,844~~		~~0.029~~	
OS-I/II	0.91849%		1.14381%		1,274	20,445	22,937	98,024,000		0.023	
		~~0.29754%~~	~~0.26082%~~		~~4,734~~	~~4,662~~	~~9,978~~	~~46,880,749~~		~~0.021~~	
OS-III	0.43927%	0.29810%	0.27359%	582	4,743	4,890	10,215	46,881.000		0.022	
	~~99.99999%~~							10,730,067,065			
TOTAL	100.00000%	100.00000%	100.00000%	$132,599	$1,591,191	$1,787,463	3,511,253	10,730,068,000			

Notes:

(A) From Schedule 4P, Col K
(B) From Schedule 4P, Col L
(C) From Schedule 4P, Col M
(D) Column A x Total Energy $ from Rev Req – Transmission
(E) Column B x Total Demand $ from Rev Req – Transmission
(F) Column C x Total Demand $ from Rev Req - Distribution
(G) Column D + Column E
(H) Projected kWh sales for the period January 2021 - December 2021
(J) Column G x 100 / Column H

Form 5P to Appendix I of Exhibit RBD-1, page 1 of 1
(clean format)

Gulf Power Company
Storm Protection Plan
Calculation of the Cost Recovery Factors by Rate Class
January 2021 - December 2021

RATE CLASS	(A) Percentage of kWh Sales at Generation (%)	(B) Percentage of 12 CP Demand at Generation (%)	(C) Percentage of NCP Demand at Generation (%)	(D) Transmission Energy-Related Costs	(E) Transmission Demand-Related Costs	(F) Distribution Demand-Related Costs	(G) Total SPP Costs	(H) Projected Sales at Meter (kWh)	(I) Projected Demand at Meter (kW)	(J) SPP Factors (¢/kWh)	(K) SPP Factors ($/kW)
RS, RSVP, RSTOU	50,56646%	58.08655%	55.34698%	67,051	924,269	989,307	1,980,627	5,396,609.000		0.037	
GS	2.91760%	3.41272%	3.48461%	3,869	54,303	62,286	120,458	311,376,000		0.039	
GSD, GSDT, GSTOU	23,24812%	20.99899%	21.70954%	30,827	334,134	338,050	753,011	2,481,479,000	7,937,010	0.030	$ 0.09
LP, LPT	6,94287%	5.43312%	5.55121%	9,206	86,451	99,226	194,883	751,037,000	1,669,029		$ 0.12
PX, PXT, RTP, SBS	14,96719%	11.69043%	12.49026%	19,846	186,017	223,259	429,122	1,644,662,000		0.026	
OS-I/II	0.91849%	0.08009%	1.14381%	1,218	1,274	20,445	22,937	98,024,000		0.023	
OS-III	0.43927%	0.29810%	0.27359%	582	4,743	4,890	10,215	46,881,000		0.022	
TOTAL	100.00000%	100.00000%	100.00000%	$132,599	$1,591,191	$1,787,463	3,511,253	10,730,068,000			

Notes:
(A) From Schedule 4P, Col K
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(D) Column A x Total Energy $ from Rev Req – Transmission
(E) Column B x Total Demand $ from Rev Req – Transmission
(F) Column C x Total Demand $ from Rev Req - Distribution
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(H) Projected kWh sales for the period January 2021 - December 2021
(J) Column G x 100 / Column H

Attachment A to Gulf's 2021 SPPCRC Petition, page 1 of 1 (legislative format)

Gulf Power Company
Storm Protection Plan
Calculation of the Cost Recovery Factors by Rate Class
January 2021 - December 2021

RATE CLASS	(A) Percentage of kWh Sales at Generation (%)	(B) Percentage of 12 CP Demand at Generation (%)	(C) Percentage of NCP Demand at Generation (%)	(D) Transmission Energy-Related Costs	(E) Transmission Demand-Related Costs	(F) Distribution Demand-Related Costs	(G) Total SPP Costs	(H) Projected Sales at Meter (kWh)	(I) Projected Demand at Meter (kW)	(J) SPP Factors (¢/kWh)	(K) SPP Factors ($/kW)
	~~50.74056%~~	~~58.17902%~~	~~54.52657%~~	~~67,282~~	~~925,739~~	~~974,644~~	~~1,967,665~~	~~5,415,188,719~~		~~0.036~~	
RS, RSVP, RSTOU	50.56646%	58.08655%	55.34698%	67,051	924,269	989,307	1,980,627	5,396,609.000		0.037	
		~~3.40643%~~	~~3.48267%~~		~~54,203~~	~~62,251~~	~~120,323~~	~~311,376,469~~			
GS	2.91760%	3.41272%	3.48461%	3,869	54,303	62,286	120,458	311,376,000		0.039	
	~~23.24811%~~	~~20.96025%~~	~~21.45859%~~		~~333,518~~	~~383,564~~	~~747,909~~	~~2,481,478,434~~			
GSD, GSDT, GSTOU	23.24812%	20.99899%	21.70954%	30,827	334,134	338,050	753,011	2,481,479,000	7,937,010	0.030	$ 0.09
	~~6.94286%~~	~~5.42310%~~	~~5.94430%~~		~~86,292~~	~~106,252~~	~~201,750~~	~~751,036,801~~			
LP, LPT	6.94287%	5.43312%	5.55121%	9,206	86,451	99,226	194,883	751,037,000	1,669,029		$ 0.12
	~~14.96719%~~	~~11.66887%~~	~~13.15358%~~		~~185,674~~	~~235,115~~	~~440,635~~	~~1,644,662,049~~		~~0.027~~	
PX, PXT, RTP, SBS	14.96719%	11.69043%	12.49026%	19,846	186,017	223,259	429,122	1,644,662,000		0.026	
		~~0.06479%~~		~~987~~							
	~~0.74440%~~	0.08009%	~~1.17347%~~	1,218	~~1,031~~	~~20,975~~	~~22,993~~	~~79,443,844~~		~~0.029~~	
OS-I/II	0.91849%		1.14381%		1,274	20,445	22,937	98,024,000		0.023	
		~~0.29754%~~	~~0.26082%~~		~~4,734~~	~~4,662~~	~~9,978~~	~~46,880,749~~		~~0.021~~	
OS-III	0.43927%	0.29810%	0.27359%	582	4,743	4,890	10,215	46,881,000		0.022	
TOTAL	~~99.99999%~~ 100.00000%	100.00000%	100.00000%	$132,599	$1,591,191	$1,787,463	3,511,253	~~10,730,067,065~~ 10,730,068,000			

Notes:
(A) From Schedule 4P, Col K
(B) From Schedule 4P, Col L
(C) From Schedule 4P, Col M
(D) Column A x Total Energy $ from Rev Req – Transmission
(E) Column B x Total Demand $ from Rev Req – Transmission
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(G) Column D + Column E
(H) Projected kWh sales for the period January 2021 - December 2021
(J) Column G x 100 / Column H

ATTACHMENT A - CORRECTED

Attachment A to Gulf's 2021 SPPCRC Petition, page 1 of 1 (clean format)

Gulf Power Company
Storm Protection Plan
Calculation of the Cost Recovery Factors by Rate Class
January 2021 - December 2021

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
RATE CLASS	Percentage of kWh Sales at Generation (%)	Percentage of 12 CP Demand at Generation (%)	Percentage of NCP Demand at Generation (%)	Transmission Energy-Related Costs	Transmission Demand-Related Costs	Distribution Demand-Related Costs	Total SPP Costs	Projected Sales at Meter (kWh)	Projected Demand at Meter (kW)	SPP Factors (¢/kWh)	SPP Factors ($/kW)
RS, RSVP, RSTOU	50.56646%	58.08655%	55.34698%	67,051	924,269	989,307	1,980,627	5,396,609,000		0.037	
GS	2.91760%	3.41272%	3.48461%	3,869	54,303	62,286	120,458	311,376,000		0.039	
GSD, GSDT, GSTOU	23.24812%	20.99899%	21.70954%	30,827	334,134	388,050	753,011	2,481,479,000	7,937,010	0.030	$ 0.09
LP, LPT	6.94287%	5.43312%	5.55121%	9,206	86,451	99,226	194,883	751,037,000	1,669,029		$ 0.12
PX, PXT, RTP, SBS	14.96719%	11.69043%	12.49026%	19,846	186,017	223,259	429,122	1,644,662,000		0.026	
OS-I/II	0.91849%	0.08009%	1.14381%	1,218	1,274	20,445	22,937	98,024,000		0.023	
OS-III	0.43927%	0.29810%	0.27359%	582	4,743	4,890	10,215	46,881,000		0.022	
TOTAL	100.00000%	100.00000%	100.00000%	$132,599	$1,591,191	$1,787,463	$3,511,253	10,730,068,000			

Notes:
(A) From Schedule 4P, Col K
(B) From Schedule 4P, Col L
(C) From Schedule 4P, Col M
(D) Column A x Total Energy $ from Rev Req – Transmission
(E) Column B x Total Demand $ from Rev Req – Transmission
(F) Column C x Total Demand $ from Rev Req - Distribution
(G) Column D + Column E
(H) Projected kWh sales for the period January 2021 - December 2021
(J) Column G x 100 / Column H

ATTACHMENT A - CORRECTED

Complete Copy of the Corrected Exhibit RBD-1
(clean format)

Gulf Power Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January through December 2021

Summary of Projected Period Recovery Amount
(in Dollars)

Line		NCP Demand Distribution ($)	12 CP Demand Transmission ($)	Energy Transmission ($)	Total ($)
1.	Total Jurisdictional Revenue Requirements for the Projected Period				
	a. Overhead Hardening Programs (SPPCRC Form 2P, Line 15 + SPPCRC Form 3P, Line 15)	$ 1,482,496	$ 1,533,072	$ 127,756	$ 3,143,323
	b. Undergrounding Programs (SPPCRC Form 2P, Line 17 + SPPCRC Form 3P, Line 17)	$ 231,923	$ -	$ -	$ 231,923
	c. Vegetation Management Programs (SPPCRC Form 2P, Line 16 + SPPCRC Form 3P, Line 16)	$ -	$ -	$ -	$ -
	d. Implementation Costs (SPPCRC Form 2P, Line 18 + SPPCRC Form 3P, Line 18)	$ 71,758	$ 56,975	$ 4,748	$ 133,480
	e. Total Projected Period Rev. Req.	$ 1,786,177	$ 1,590,046	$ 132,504	$ 3,508,727
2.	Estimated True up of Over/(Under) Recovery for the Current Period (SPPCRC Form E1, Line 5c)	$0	$0	$0	$0
3.	Final True Up of Over/(Under) Recovery for the Prior Period (SPPCRC Form A1, Line 5c)	$0	$0	$0	$0
4.	Jurisdictional Amount to Recovered/(Refunded) (Line 1e - Line 2 - Line 3)	$ 1,786,177	$1,590,046	$132,504	$ 3,508,727
5.	Jurisdictional Amount to Recovered/(Refunded) Adjusted for Taxes	$1,787,463	$1,591,191	$132,599	$3,511,253
	Revenue Tax Multiplier: 1.00072				

Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January through December 2021

Calculation of Annual Revenue Requirements for O&M Programs
(in Dollars)

Line	O&M Activities	T/D	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total	Method of Classification Distribution NCP Demand	Transmission 12 CP Demand	Transmission Energy	Total
1	Overhead Hardening O&M Programs																		
	1. Distribution Feeder Hardening	D	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			$0
	2. Distribution Inspection Program	D	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			$0
	3. Transmission Inspection Program	T	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0	$0	$0
	4. Transmission Hardening	T	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0	$0	$0
1.a	Adjustments																		$0
1.b	Subtotal of Overhead Hardening Programs - O&M		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2	Vegetation Management O&M Programs																		
	1. Vegetation Management - Distribution	D	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			$0
	2. Vegetation Management - Transmission	T	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0	$0	$0
2.a	Adjustments														$0				$0
2.b	Subtotal of Vegetation Management Programs - O&M		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	Undergrounding Laterals O&M Programs																		
	1. Distribution Hardening Lateral Undergrounding	D	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			$0
3.a	Adjustments														$0	$0			$0
	Subtotal of Underground Laterals Programs - O&M		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
4	Implementation Costs- A&G																		
	1. Implementation Costs - Distribution	D	$3,304	$2,240	$2,240	$2,240	$2,240	$2,240	$2,240	$2,240	$2,240	$2,240	$2,240	$2,240	$27,944	$27,500			$27,500
	2 Implementation Costs - Transmission	T	$2,842	$1,927	$1,927	$1,927	$1,927	$1,927	$1,927	$1,927	$1,927	$1,927	$1,927	$1,927	$24,036		$21,834	$1,820	$23,654
4.a.	Adjustments														$0	$0	$0		$0
	Subtotal of Implementation Costs - O&M		$6,147	$4,167	$4,167	$4,167	$4,167	$4,167	$4,167	$4,167	$4,167	$4,167	$4,167	$4,167	$51,980	$27,500	$21,834	$1,820	$51,154
4	Total of O&M Programs		$6,147	$4,167	$4,167	$4,167	$4,167	$4,167	$4,167	$4,167	$4,167	$4,167	$4,167	$4,167	$51,980	$27,500	$21,834	$1,820	$51,154
5	Allocation of O&M Costs																		
	a. Distribution O&M Allocated to NCP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	b. Transmission O&M Allocated to 12 CP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	c. Transmission O&M Allocated to Energy		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	d. Implementation Costs Allocated to Distribution NCP Demand		$3,304	$2,240	$2,240	$2,240	$2,240	$2,240	$2,240	$2,240	$2,240	$2,240	$2,240	$2,240	$27,944				
	e Implementation Costs Allocated to Transmission 12 CP Demand		$2,624	$1,778	$1,778	$1,778	$1,778	$1,778	$1,778	$1,778	$1,778	$1,778	$1,778	$1,778	$22,187				
	f. Implementation Costs Allocated to Transmission Energy		$219	$148	$148	$148	$148	$148	$148	$148	$148	$148	$148	$148	$1,849				
6	Allocation of Implementation Costs																		
	a. Distribution		53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%				
	b. Transmission		46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%				
7	Retail Jurisdictional Factors																		
	a. Distribution Jurisdictional Factor		98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%				
	b. Transmission Demand Jurisdictional Factor		97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%				
	d A&G Jurisdictional Factor		98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%				
8	Jurisdictional NCP Demand Revenue Requirements - Distribution		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
9	Jurisdictional 12 CP Demand Revenue Requirements - Transmission		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
10	Jurisdictional Energy Revenue Requirements - Transmission		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
11	Jurisdictional Implementation Costs Allocated to Distribution NCP Demand		$3,252	$2,204	$2,204	$2,204	$2,204	$2,204	$2,204	$2,204	$2,204	$2,204	$2,204	$2,204	$27,500				
12	Jurisdictional Implementation Costs Allocated to Transmission 12 CP Demand		$2,582	$1,750	$1,750	$1,750	$1,750	$1,750	$1,750	$1,750	$1,750	$1,750	$1,750	$1,750	$21,834				
13	Jurisdictional Implementation Costs Allocated to Transmission Energy		$215	$146	$146	$146	$146	$146	$146	$146	$146	$146	$146	$146	$1,820				
14	Total Jurisdictional O&M Revenue Requirements		$6,049	$4,100	$4,100	$4,100	$4,100	$4,100	$4,100	$4,100	$4,100	$4,100	$4,100	$4,100	$51,154				
	O&M Revenue Requirements by Category of Activity Monthly Sums of (Activity Cost x Allocation x Jur. Factor)																		
16	Overhead Hardening O&M Programs		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	a. Allocated to NCP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	b. Allocated to 12 CP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	c Allocated to Energy		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
16	Vegetation Management O&M Programs		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	a. Allocated to NCP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	b. Allocated to 12 CP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	c Allocated to Energy		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
17	Undergrounding Laterals O&M Programs		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	a. Allocated to NCP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	b. Allocated to 12 CP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	c Allocated to Energy		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
18	Implementation O&M Costs		$6,049	$4,100	$4,100	$4,100	$4,100	$4,100	$4,100	$4,100	$4,100	$4,100	$4,100	$4,100	$51,154				
	a. Allocated to Distribution A&G NCP Demand		$3,252	$2,204	$2,204	$2,204	$2,204	$2,204	$2,204	$2,204	$2,204	$2,204	$2,204	$2,204	$27,500				
	b. Allocated to Transmission 12 CP Demand		$2,582	$1,750	$1,750	$1,750	$1,750	$1,750	$1,750	$1,750	$1,750	$1,750	$1,750	$1,750	$21,834				
	c Allocated to Energy		$215	$146	$146	$146	$146	$146	$146	$146	$146	$146	$146	$146	$1,820				

Gulf Power Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January through December 2021
Project Listing by Each O&M Program

Line	O&M Activities	T or D
	See Gulf Exhibit MS-2 attached to the testimony of Gulf Witness Spoor	

Gulf Power Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January through December 2021

Calculation of Annual Revenue Requirements for Capital Investment Programs
(in Dollars)

Line	Capital Investment Activities	T/D	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total	Method of Classification: Distribution NCP Demand	Transmission 12 CP Demand	Transmission Energy	Total
1	Overhead Hardening Capital Investment Programs																		
	1. Distribution Feeder Hardening	D	$7,873	$24,377	$41,954	$59,984	$79,316	$104,464	$134,719	$165,622	$192,271	$212,921	$231,728	$248,980	$1,504,210	$1,476,260			$1,476,260
	2. Distribution Inspection Program	D	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$6,354	$6,354	$6,236			$6,236
	3. Transmission Inspection Program	T	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0	$0	$0
	4. Transmission Hardening	T	$10,431	$31,873	$54,382	$77,789	$101,947	$126,735	$152,048	$177,799	$203,912	$230,325	$256,984	$283,843	$1,708,068		$1,533,072	$127,756	$1,660,828
1.a	Adjustments																		
1.b	Subtotal of Overhead Hardening Capital Investment Programs		$18,304	$56,250	$96,336	$137,773	$181,263	$231,199	$286,768	$343,421	$396,184	$443,246	$488,712	$539,176	$3,218,631	$1,482,496	$1,533,072	$127,756	$3,143,323
2	Vegetation Management Capital Investment Programs																		
	1. Vegetation Management - Distribution	D	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0			$0
	2. Vegetation Management - Transmission	T	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0	$0	$0
2.a	Adjustments																		
2.b	Subtotal of Vegetation Management Capital Investment Programs		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	Undergrounding Laterals Capital Programs	D																	
	1. Distribution Hardening Lateral Undergrounding		$1,237	$3,829	$6,591	$9,423	$12,460	$16,410	$21,163	$26,018	$30,204	$33,448	$36,402	$39,130	$236,314	$231,923			$231,923
3.a	Adjustments																		
3.b	Subtotal of Underground Laterals Program - Capital		$1,237	$3,829	$6,591	$9,423	$12,460	$16,410	$21,163	$26,018	$30,204	$33,448	$36,402	$39,130	$236,314	$231,923	$0	$0	$231,923
3	Implementation Costs - General & Intangible Plant																		
	1. Implementation allocated to- Distribution	D	$2,208	$2,925	$2,993	$3,511	$4,052	$4,139	$4,202	$4,218	$4,203	$4,188	$4,174	$4,159	$44,973	$44,258			$44,258
	2 Implementation allocated to- Transmission	T	$1,899	$2,516	$2,575	$3,020	$3,485	$3,560	$3,614	$3,628	$3,615	$3,603	$3,590	$3,577	$38,683		$35,140	$2,928	$38,068
3.a	Adjustments																		
3.b	Subtotal of Implementation Costs Capital Programs		$4,107	$5,441	$5,568	$6,531	$7,537	$7,700	$7,816	$7,845	$7,818	$7,791	$7,764	$7,736	$83,656	$44,258	$35,140	$2,928	$82,326
4.a	Total Capital Investment Programs		$23,648	$65,520	$108,494	$153,727	$201,261	$255,309	$315,747	$377,285	$434,206	$484,485	$532,877	$586,043	$3,538,602	$1,758,677	$1,568,212	$130,684	$3,457,573
5	Allocation of Capital Investment Programs																		
	a. Distribution Capital Allocated to NCP Demand		$9,110	$28,206	$48,544	$69,407	$91,776	$120,874	$155,882	$191,640	$222,475	$246,368	$268,130	$294,463	$1,746,877				
	b. Transmission Capital Allocated to 12 CP Demand		$9,628	$29,421	$50,199	$71,805	$94,105	$116,986	$140,352	$164,122	$188,227	$212,608	$237,216	$262,009	$1,576,678				
	c. Transmission Capital Allocated to Energy		$802	$2,452	$4,183	$5,984	$7,842	$9,749	$11,696	$13,677	$15,686	$17,717	$19,768	$21,834	$131,390				
	d. Implementation Costs Allocated to Distribution NCP Demand		2,208	2,925	2,993	3,511	4,052	4,139	4,202	4,218	4,203	4,188	4,174	4,159	44,973				
	e Implementation Costs Allocated to Transmission 12 CP Demand		1,753	2,323	2,377	2,788	3,217	3,286	3,336	3,349	3,337	3,325	3,314	3,302	35,708				
	f. Implementation Costs Allocated to Transmission Energy		146	194	198	232	268	274	278	279	278	277	276	275	2,976				
6	Allocation of Implementation Costs																		
	a. Distribution		53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%	53.76%				
	b. Transmission		46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%	46.24%				
7	Retail Jurisdictional Factors																		
	a. Distribution Jurisdictional Factor		98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%	98.1419%				
	b. Transmission Jurisdictional Factor		97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%	97.2343%				
	c. General & Intangible Plant Jurisdictional Factor		98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%	98.4107%				
8	Jurisdictional NCP Demand Revenue Requirements - Distribution		$8,941	$27,682	$47,642	$68,117	$90,071	$118,628	$152,986	$188,079	$218,342	$241,791	$263,148	$288,992	$1,714,419				
9	Jurisdictional 12 CP Demand Revenue Requirements - Transmission		$9,362	$28,607	$48,811	$69,819	$91,502	$113,751	$136,471	$159,583	$183,021	$206,728	$230,655	$254,762	$1,533,072				
10	Jurisdictional Energy Revenue Requirements - Transmission		$780	$2,384	$4,068	$5,818	$7,625	$9,479	$11,373	$13,299	$15,252	$17,227	$19,221	$21,230	$127,756				
11	Jurisdictional Implementation Costs Allocated to Distribution NCP Demand		$2,173	$2,879	$2,946	$3,455	$3,988	$4,073	$4,135	$4,151	$4,136	$4,122	$4,107	$4,093	$44,258				
12	Jurisdictional Implementation Costs Allocated to Transmission 12 CP Demand		$1,725	$2,286	$2,339	$2,744	$3,166	$3,234	$3,283	$3,296	$3,284	$3,273	$3,261	$3,250	$35,140				
13	Jurisdictional Implementation Costs Allocated to Transmission Energy		$144	$190	$195	$229	$264	$270	$274	$275	$274	$273	$272	$271	$2,928				
14	Total Jurisdictional Capital Investment Revenue Requirements		23,125	64,028	106,000	150,182	196,616	249,435	308,521	368,682	424,308	473,413	520,664	572,598	3,457,573				
	Capital Investment Revenue Requirements by Category of Activity																		
	Monthly Sums of (Activity Cost x Allocation x Jur. Factor)																		
	Monthly Sums of (Activity Cost x Allocation x Jur. Factor)																		
15	Overhead Hardening Capital Investment Programs		$17,869	$54,915	$94,053	$134,507	$176,970	$225,753	$280,059	$335,427	$386,972	$432,919	$477,298	$526,582	$3,143,323				
	a. Allocated to NCP Demand		$7,727	$23,924	$41,174	$58,870	$77,842	$102,523	$132,216	$162,545	$188,699	$208,964	$227,422	$250,589	$1,482,496				
	b. Allocated to 12 CP Demand		$9,362	$28,607	$48,811	$69,819	$91,502	$113,751	$136,471	$159,583	$183,021	$206,728	$230,655	$254,762	$1,533,072				
	c. Allocated to Energy		$780	$2,384	$4,068	$5,818	$7,625	$9,479	$11,373	$13,299	$15,252	$17,227	$19,221	$21,230	$127,756				
16	Vegetation Management Capital Investment Programs		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	a. Allocated to NCP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	b. Allocated to 12 CP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	c. Allocated to Energy		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
17	Undergrounding Laterals Capital Investment Programs		$1,214	$3,758	$6,468	$9,248	$12,228	$16,105	$20,770	$25,534	$29,643	$32,826	$35,726	$38,403	$231,923				
	a. Allocated to NCP Demand		$1,214	$3,758	$6,468	$9,248	$12,228	$16,105	$20,770	$25,534	$29,643	$32,826	$35,726	$38,403	$231,923				
	b. Allocated to 12 CP Demand		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
	c. Allocated to Energy		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0				
18	Implementation Capital Costs		$4,042	$5,355	$5,479	$6,428	$7,418	$7,577	$7,692	$7,721	$7,694	$7,667	$7,640	$7,614	$82,326				
	a. Allocated to Distribution NCP		$2,173	$2,879	$2,946	$3,455	$3,988	$4,073	$4,135	$4,151	$4,136	$4,122	$4,107	$4,093	$44,258				
	b. Allocated to Transmission 12CP		$1,725	$2,286	$2,339	$2,744	$3,166	$3,234	$3,283	$3,296	$3,284	$3,273	$3,261	$3,250	$35,140				
	c. Allocated to Energy		$144	$190	$195	$229	$264	$270	$274	$275	$274	$273	$272	$271	$2,928				
19	Total Capital Programs		$ 23,125	$ 64,028	$ 106,000	$ 150,182	$ 196,616	$ 249,435	$ 308,521	$ 368,682	$ 424,308	$ 473,413	$ 520,664	$ 572,598	$ 3,457,573				

Gulf Power Company
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January through December 2021
Project Listing by Each Capital Program

Line	Capital Activities	T or D
	See Gulf Exhibit MS-2 attached to the testimony of Gulf Witness Spoor	

Gulf Power Company
Storm Protection Plan - Distribution Inspection Program
Estimated Revenue Requirements for the Period January 2021 through December 2021
(in Dollars)

Line		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1.	Investments														
	a. Expenditures/Additions [(a)]		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,739,746	$1,739,746
	b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$966,421	$966,421
2.	Plant-In-Service/Depreciation Base	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$966,421	
3.	Less: Accumulated Depreciation	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,369	
4.	CWIP - Non Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$773,325	
5.	Net Investment (Lines 2 - 3 + 4)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,738,377	
6.	Average Net Investment		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$869,188	
7.	Return on Average Net Investment														
	a. Equity Component grossed up for taxes [(b)]		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,338	$4,338
	b. Debt Component (Line 6 x debt rate) [(c)]		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$647	$647
8.	Investment Expenses														
	a. Depreciation [(d)]		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,369	$1,369
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9	Total System Recoverable Expenses (Lines 7 +8)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$6,354	$6,354

Notes:

(a) Excludes Cost of Removal on the retirement of existing plant.

(b) The Gross-up factor for taxes is 1/.754782, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan. – Dec. 2021 is 4.5205% based on Gulf's most recent financial forecast.

(c) The debt component is 0.8925% based on Gulf's most recent financial forecast.

(d) Calculated using the composite depreciation rates for distribution/transmission function as reflected in Gulf's 2016 retail base rate settlement agreement (Order No. PSC-17-0178-S-EI).

Gulf Power Company
Storm Protection Plan -Distribution Feeder Hardening
Estimated Revenue Requirements for the Period January 2021 through December 2021
(in Dollars)

Line		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1.	Investments														
	a. Expenditures/Additions [(a)]		$2,155,860	$2,159,973	$2,158,414	$2,159,709	$2,464,939	$3,706,430	$3,703,012	$3,703,474	$2,467,368	$2,154,797	$2,158,423	$1,850,770	$30,843,168
	b. Clearings to Plant		$1,197,570	$1,732,180	$1,968,951	$2,074,916	$2,291,572	$3,077,519	$3,424,978	$3,579,681	$2,961,796	$2,513,512	$2,316,262	$2,057,683	$29,196,621
2.	Plant-In-Service/Depreciation Base	$0	$1,197,570	$2,929,751	$4,898,702	$6,973,619	$9,265,191	$12,342,710	$15,767,687	$19,347,368	$22,309,164	$24,822,676	$27,138,938	$29,196,621	
3.	Less: Accumulated Depreciation	$0	$1,697	$7,544	$18,634	$35,453	$58,458	$89,069	$128,892	$178,639	$237,652	$304,422	$378,034	$457,843	
4.	CWIP - Non Interest Bearing	$0	$958,290	$1,386,082	$1,575,545	$1,660,337	$1,833,704	$2,462,615	$2,740,649	$2,864,442	$2,370,014	$2,011,299	$1,853,461	$1,646,547	
5.	Net Investment (Lines 2 - 3 + 4)	$0	$2,154,163	$4,308,289	$6,455,613	$8,598,503	$11,040,437	$14,716,255	$18,379,444	$22,033,171	$24,441,526	$26,529,553	$28,614,364	$30,385,325	
6.	Average Net Investment		$1,077,082	$3,231,226	$5,381,951	$7,527,058	$9,819,470	$12,878,346	$16,547,850	$20,206,308	$23,237,349	$25,485,540	$27,571,959	$29,499,845	
7.	Return on Average Net Investment														
	a. Equity Component grossed up for taxes [(b)]		$5,376	$16,127	$26,860	$37,566	$49,007	$64,274	$82,588	$100,847	$115,974	$127,194	$137,607	$147,229	$910,650
	b. Debt Component (Line 6 x debt rate) [(c)]		$801	$2,403	$4,003	$5,599	$7,304	$9,579	$12,308	$15,029	$17,284	$18,956	$20,508	$21,942	$135,717
8.	Investment Expenses														
	a. Depreciation [(d)]		$1,697	$5,847	$11,090	$16,819	$23,005	$30,611	$39,823	$49,746	$59,013	$66,770	$73,612	$79,809	$457,843
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9	Total System Recoverable Expenses (Lines 7 +8)		$7,873	$24,377	$41,954	$59,984	$79,316	$104,464	$134,719	$165,622	$192,271	$212,921	$231,728	$248,980	$1,504,210

Notes:

(a) Excludes Cost of Removal on the retirement of existing plant.
(b) The Gross-up factor for taxes is 1/.754782, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan. – Dec. 2021 is 4.5205% based on Gulf's most recent financial forecast.
(c) The debt component is 0.8925% based on Gulf's most recent financial forecast.
(d) Calculated using the composite depreciation rates for distribution/transmission function as reflected in Gulf's 2016 retail base rate settlement agreement (Order No. PSC-17-0178-S-EI).

Gulf Power Company
Storm Protection Plan -Transmission Hardening
Estimated Revenue Requirements for the Period January 2021 through December 2021
(in Dollars)

Line		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1.	Investments														
	a. Expenditures/Additions [(a)]		$3,397,463	$3,397,463	$3,397,463	$3,397,463	$3,397,463	$3,397,463	$3,397,463	$3,397,463	$3,397,463	$3,397,463	$3,397,463	$3,397,463	$40,769,555
	b. Clearings to Plant		$518,413	$957,722	$1,329,997	$1,645,468	$1,912,802	$2,139,344	$2,331,318	$2,493,999	$2,631,857	$2,748,679	$2,847,676	$2,931,567	$24,488,840
2.	Plant-In-Service/Depreciation Base	$0	$518,413	$1,476,134	$2,806,132	$4,451,600	$6,364,401	$8,503,745	$10,835,063	$13,329,061	$15,960,918	$18,709,597	$21,557,273	$24,488,840	
3.	Less: Accumulated Depreciation	$0	$691	$3,351	$9,060	$18,737	$33,159	$52,983	$78,768	$110,987	$150,040	$196,267	$249,957	$311,351	
4.	CWIP - Non Interest Bearing	$0	$2,879,050	$5,318,792	$7,386,257	$9,138,252	$10,622,913	$11,881,033	$12,947,178	$13,850,642	$14,616,248	$15,265,032	$15,814,819	$16,280,715	
5.	Net Investment (Lines 2 - 3 + 4)	$0	$3,396,772	$6,791,575	$10,183,328	$13,571,114	$16,954,156	$20,331,795	$23,703,473	$27,068,717	$30,427,126	$33,778,362	$37,122,136	$40,458,204	
6.	Average Net Investment		$1,698,386	$5,094,173	$8,487,452	$11,877,221	$15,262,635	$18,642,975	$22,017,634	$25,386,095	$28,747,921	$32,102,744	$35,450,249	$38,790,170	
7.	Return on Average Net Investment														
	a. Equity Component grossed up for taxes [(b)]		$8,476	$25,424	$42,360	$59,277	$76,173	$93,044	$109,887	$126,698	$143,476	$160,220	$176,927	$193,596	$1,215,559
	b. Debt Component (Line 6 x debt rate) [(c)]		$1,263	$3,789	$6,313	$8,834	$11,352	$13,867	$16,377	$18,882	$21,383	$23,878	$26,368	$28,852	$181,158
8.	Investment Expenses														
	a. Depreciation [(d)]		$691	$2,659	$5,710	$9,677	$14,421	$19,824	$25,785	$32,219	$39,053	$46,227	$53,689	$61,395	$311,351
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9	Total System Recoverable Expenses (Lines 7 +8)		$10,431	$31,873	$54,382	$77,789	$101,947	$126,735	$152,048	$177,799	$203,912	$230,325	$256,984	$283,843	$1,708,068

Notes:

(a) Excludes Cost of Removal on the retirement of existing plant.
(b) The Gross-up factor for taxes is 1/.754782, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan. – Dec. 2021 is 4.5205% based on Gulf's most recent financial forecast.
(c) The debt component is 0.8925% based on Gulf's most recent financial forecast.
(d) Calculated using the composite depreciation rates for distribution/transmission function as reflected in Gulf's 2016 retail base rate settlement agreement (Order No. PSC-17-0178-S-EI).

Gulf Power Company
Storm Protection Plan - Distribution Hardening - Lateral Undergrounding
Estimated Revenue Requirements for the Period January 2021 through December 2021
(in Dollars)

Line		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1.	Investments														
	a. Expenditures/Additions [(a)]		$338,665	$339,310	$339,064	$339,269	$387,217	$582,245	$581,707	$581,780	$387,599	$338,495	$339,066	$295,583	$4,850,000
	b. Clearings to Plant		$188,127	$272,108	$309,302	$325,949	$359,983	$483,448	$538,030	$562,333	$465,269	$394,847	$363,861	$325,933	$4,589,190
2.	Plant-In-Service/Depreciation Base	$0	$188,127	$460,235	$769,537	$1,095,486	$1,455,469	$1,938,917	$2,476,948	$3,039,281	$3,504,550	$3,899,397	$4,263,258	$4,589,190	
3.	Less: Accumulated Depreciation	$0	$267	$1,185	$2,927	$5,569	$9,183	$13,992	$20,248	$28,062	$37,333	$47,822	$59,385	$71,926	
4.	CWIP - Non Interest Bearing	$0	$150,538	$217,740	$247,502	$260,822	$288,057	$386,853	$430,529	$449,976	$372,306	$315,954	$291,160	$260,810	
5.	Net Investment (Lines 2 - 3 + 4)	$0	$338,398	$676,790	$1,014,112	$1,350,739	$1,734,342	$2,311,779	$2,887,229	$3,461,194	$3,839,523	$4,167,529	$4,495,032	$4,778,074	
6.	Average Net Investment		$169,199	$507,594	$845,451	$1,182,426	$1,542,541	$2,023,060	$2,599,504	$3,174,212	$3,650,359	$4,003,526	$4,331,281	$4,636,553	
7.	Return on Average Net Investment														
	a. Equity Component grossed up for taxes [(b)]		$844	$2,533	$4,220	$5,901	$7,699	$10,097	$12,974	$15,842	$18,218	$19,981	$21,617	$23,140	$143,066
	b. Debt Component (Line 6 x debt rate) [(c)]		$126	$378	$629	$879	$1,147	$1,505	$1,934	$2,361	$2,715	$2,978	$3,222	$3,449	$21,322
8.	Investment Expenses														
	a. Depreciation [(d)]		$267	$919	$1,742	$2,642	$3,614	$4,809	$6,256	$7,815	$9,270	$10,489	$11,564	$12,541	$71,926
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9	Total System Recoverable Expenses (Lines 7 +8)		$1,237	$3,829	$6,591	$9,423	$12,460	$16,410	$21,163	$26,018	$30,204	$33,448	$36,402	$39,130	$236,314

Notes:

(a) Excludes Cost of Removal on the retirement of existing plant.
(b) The Gross-up factor for taxes is 1/.754782, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan. – Dec. 2021 is 4.5205% based on Gulf's most recent financial forecast.
(c) The debt component is 0.8925% based on Gulf's most recent financial forecast.
(d) Calculated using the composite depreciation rates for distribution/transmission function as reflected in Gulf's 2016 retail base rate settlement agreement (Order No. PSC-17-0178-S-EI).

Gulf Power Company
Storm Protection Plan - Implementation Costs
Estimated Revenue Requirements for the Period January 2021 through December 2021
(in Dollars)

Line		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1.	Investments														
	a. Expenditures/Additions [a]		$ 9,223	$ 15,839	$ 11,574	$ 9,702	$ 8,981	$ 7,805	$ 5,013	$ -	$ -	$ -	$ -	$ -	$68,137
	b. Clearings to Plant		$ 428,106	$ 5,584	$ 2,352	$ 108,052	$ 8,981	$ 7,805	$ 5,013	$ -	$ -	$ -	$ -	$ -	$565,893
2.	Plant-In-Service/Depreciation Base	$0	$428,106	$433,690	$436,042	$544,094	$553,075	$560,880	$565,893	$565,893	$565,893	$565,893	$565,893	$565,893	
3.	Less: Accumulated Depreciation	$0	$1,230	$3,733	$6,298	$9,783	$14,243	$18,844	$23,551	$28,300	$33,049	$37,798	$42,547	$47,295	
4.	CWIP - Non Interest Bearing	$ 497,756	$78,872	$89,128	$98,350	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5.	Net Investment (Lines 2 - 3 + 4)	$497,756	$505,748	$519,085	$528,094	$534,311	$538,831	$542,037	$542,342	$537,593	$532,844	$528,095	$523,346	$518,597	
6.	Average Net Investment		$501,752	$512,417	$523,589	$531,202	$536,571	$540,434	$542,189	$539,968	$535,219	$530,470	$525,721	$520,972	
7.	Return on Average Net Investment														
	a. Equity Component grossed up for taxes [b]		$2,504	$2,557	$2,613	$2,651	$2,678	$2,697	$2,706	$2,695	$2,671	$2,647	$2,624	$2,600	$31,644
	b. Debt Component (Line 6 x debt rate) [c]		$373	$381	$389	$395	$399	$402	$403	$402	$398	$395	$391	$387	$4,716
8.	Investment Expenses														
	a. Depreciation [d]		$ 1,230	$ 2,503	$ 2,565	$ 3,485	$ 4,460	$ 4,600	$ 4,707	$ 4,749	$ 4,749	$ 4,749	$ 4,749	$ 4,749	$47,295
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9	Total System Recoverable Expenses (Lines 7 +8)		$4,107	$5,441	$5,568	$6,531	$7,537	$7,700	$7,816	$7,845	$7,818	$7,791	$7,764	$7,736	$83,656

Notes:

(a) Excludes Cost of Removal on the retirement of existing plant.
(b) The Gross-up factor for taxes is 1/.754782, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan. – Dec. 2021 is 4.5205% based on Gulf's most recent financial forecast.
(c) The debt component is 0.8925% based on Gulf's most recent financial forecast.
(d) Capital Costs on this schedule include Intangible plant which is amortized over various period

Gulf Power Company
Storm Protection Plan (SPP)
Calculation of the Energy & Demand Allocation % By Rate Class
Projected Period: January through December 2021

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
RATE CLASS	Average 12 CP Load Factor at Meter (%)	Average NCP Load Factor at Meter (%)	Jan - Dec. 2021 Projected Sales at Meter (kWh)	Projected Avg 12 CP at Meter (kW)	Projected Avg NCP at Meter (kW)	Demand Loss Expansion Factor	Energy Loss Expansion Factor	Projected Sales at Generation (kWh)	Projected Avg 12 CP at Generation (kW)	Projected Avg NCP at Generation (kW)	Percentage of kWh Sales at Generation (%)	Percentage of 12 CP Demand at Generation (%)	Percentage of NCP Demand at Generation (%)
RS, RSVP, RSTOU	58.270328%	56.128051%	5,396,609,000	1,057,230	1,097,582	1.00609343	1.00559591	5,426,807,938	1,063,672	1,104,270	50.56646%	58.08655%	55.34698%
GS	57.224449%	51.437382%	311,376,000	62,115	69,104	1.00608241	1.00559477	313,118,077	62,493	69,524	2.91760%	3.41272%	3.48461%
GSD, GSDT, GSTOU	74.102156%	65.785406%	2,481,479,000	382,275	430,603	1.00590017	1.00544671	2,494,994,896	384,530	433,144	23.24812%	20.99899%	21.70954%
LP, LPT	85.094449%	76.438817%	751,037,000	100,753	112,161	0.98747379	0.99210885	745,110,454	99,490	110,756	6.94287%	5.43312%	5.55121%
PX, PXT, RTP, SBS	84.969637%	72.991745%	1,644,662,000	220,958	257,216	0.96884429	0.97666479	1,606,283,467	214,073	249,203	14.96719%	11.69043%	12.49026%
OS-I/II	767.743332%	49.337282%	98,024,000	1,458	22,681	1.00619545	1.00560119	98,573,051	1,467	22,821	0.91849%	0.08009%	1.14381%
OS-III	98.645916%	98.645916%	46,881,000	5,425	5,425	1.00617773	1.00558881	47,143,009	5,459	5,459	0.43927%	0.29810%	0.27359%
TOTAL			10,730,068,000	1,830,213	1,994,772			10,732,030,892	1,831,185	1,995,176	100.00000%	100.00000%	100.00000%

Notes:
(A) Average 12 CP load factor based on actual 2018 load research data
(B) Average NCP load factor based on actual load research data
(C) Projected kWh sales for the period January 2021 - December 2021
(D) Calculated: (Col A) / (8,760 x Col C), (8,760 hours = the # of hours in 1 year)
(H) Column C x Column G
(I) Column D x Column F
(J) Column E x Column F
(K) Column H/ total for Column H
(L) Column I / total for Column I
(M) Column J / total for Column J

8,760

Gulf Power Company
Storm Protection Plan
Calculation of the Cost Recovery Factors by Rate Class
January 2021 - December 2021

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
RATE CLASS	Percentage of kWh Sales at Generation (%)	Percentage of 12 CP Demand at Generation (%)	Percentage of NCP Demand at Generation (%)	Transmission Energy-Related Costs	Transmission Demand-Related Costs	Distribution Demand-Related Costs	Total SPP Costs	Projected Sales at Meter (kWh)	Projected Demand at Meter (kW)	SPP Factors (¢/kWh)	SPP Factors ($/kW)
RS, RSVP, RSTOU	50.56646%	58.08655%	55.34698%	67,051	924,269	989,307	1,980,627	5,396,609,000		0.037	
GS	2.91760%	3.41272%	3.48461%	3,869	54,303	62,286	120,458	311,376,000		0.039	
GSD, GSDT, GSTOU	23.24812%	20.99899%	21.70954%	30,827	334,134	388,050	753,011	2,481,479,000	7,937,010	0.030	$ 0.09
LP, LPT	6.94287%	5.43312%	5.55121%	9,206	86,451	99,226	194,883	751,037,000	1,669,029		$ 0.12
PX, PXT, RTP, SBS	14.96719%	11.69043%	12.49026%	19,846	186,017	223,259	429,122	1,644,662,000		0.026	
OS-I/II	0.91849%	0.08009%	1.14381%	1,218	1,274	20,445	22,937	98,024,000		0.023	
OS-III	0.43927%	0.29810%	0.27359%	582	4,743	4,890	10,215	46,881,000		0.022	
TOTAL	100.00000%	100.00000%	100.00000%	$132,599	$1,591,191	$1,787,463	$3,511,253	10,730,068,000			

Notes:
(A) From Schedule 4P, Col K
(B) From Schedule 4P, Col L
(C) From Schedule 4P, Col M
(D) Column A x Total Energy $ from Rev Req – Transmission
(E) Column B x Total Demand $ from Rev Req – Transmission
(F) Column C x Total Demand $ from Rev Req - Distribution
(G) Column D + Column E
(H) Projected kWh sales for the period January 2021 - December 2021
(J) Column G x 100 / Column H

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Program Title: Distribution Inspection Program

Description:

Gulf's Distribution Inspection Program is a continuation of Gulf's existing Commission-approved distribution inspections which consists of feeder patrols, infrared patrols, wood pole inspections and wood pole remediation and/or replacement. These programs exist to ensure a more storm resilient distribution infrastructure which will result in reductions in wood pole failures, fewer storm-related outages, and reduction in storm restoration time and costs.

The total estimated costs of the Distribution Inspection Program for the ten-year period of 2020-2029 are $37.5 million with an annual cost of approximately $3.7 million. Annually, Gulf inspects approximately 770 miles of mainline feeders and 4,100 pieces of equipment. With approximately 208,000 distribution wood poles as of year-end 2019, Gulf expects to inspect approximately 26,000 wood poles annually during the 2020-2029 SPP period.

A detailed explanation of the Distribution Inspection Program, its costs and benefits, is contained in Gulf's SPP, Section IV(A), Distribution Inspection Program.

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, Gulf's SPP estimated approximately $3.4 million for the Distribution Inspection Program, which included approximately $2.5 million in capital costs and approximately $0.9 million in O&M expenses. As of the end of May 2020, the total spend for this program is $2.7 million, which includes $2.4 million in capital costs and $0.3 million in O&M expenses. Gulf is not seeking to recover any 2020 costs associated with the Distribution Inspection Program through the Storm Protection Plan Cost Recovery Clause.

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Progress Summary:

SPP Year 2020 – In its SPP, Gulf projected the inspection of 26,000 wood poles, 770 miles of mainline feeders, and 4100 pieces of equipment. As of the end of May 2020, Gulf has completed its mainline feeder and equipment inspections and is on track to complete the pole inspections to complete its 2020 Distribution Inspection Program by the end of 2020. Gulf has also completed 638, or 64%, of its distribution pole replacements resulting from inspections conducted in 2019 and will complete the remaining 352, or 36%, for a total of 990 poles by year end 2020.

Projections:

SPP Year 2021 – For 2021, Gulf projects it will inspect 26,000 wood poles, 770 miles of mainline feeders, and 4100 pieces of equipment. Gulf estimates that it will incur approximately $3.8 million in 2021 for the Distribution Inspection Program, which includes approximately $1.7 million in capital expenditures, $1.1 million in cost of removal, and $1.0 million in O&M expenses. Gulf is seeking to recover $1.7 million of capital expenditures for the Distribution Inspection Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures and cost of removal for this program will be recovered through base rates.

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Program Title: Transmission Inspection Program

Description:

Gulf's Transmission Inspection Program will continue its existing Commission-approved inspection program consisting of substations and structures. Gulf's annual inspections of transmission substations follow a prescribed set of processes and procedures, utilized by Company personnel, to inspect substation equipment annually. These inspections are performed on substation equipment such as: batteries and chargers, breakers, instrument transformers, power fuses, regulators, substation yard, switches, and transformers.

The proposed SPP includes continuing aerial patrols to inspect transmission lines and circuits. Gulf's transmission structure inspection program is based on two alternating twelve year cycles, which results in a structure being inspected at least every six years. As explained in the proposed SPP, the performance of Gulf's transmission facilities during recent storm events indicates Gulf's Transmission Inspection Program has contributed to the overall storm resiliency of the transmission system and provided storm restoration savings in both time and costs.

The total estimated costs for the Transmission Inspection Program for the ten-year period of 2020-2029 is $35 million with an annual average cost of approximately $3.5 million, which is consistent with historical costs for the existing Transmission Inspection Program.
A detailed description of the Transmission Inspection Program is provided in Section IV(B) of Gulf's proposed SPP.

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, Gulf's SPP estimated approximately $3.5 million for the Transmission Inspection Program, which included approximately $3.2 million in capital costs and $0.35 million in O&M expenses. As of the end of May 2020, the total spend for this program is $0 as the program is beginning in June 2020. Gulf is not seeking

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

to recover any 2020 costs associated with the Transmission Inspection Program through the Storm Protection Plan Cost Recovery Clause.

Progress Summary:

SPP Year 2020 – In its SPP, Gulf projected the inspection of structures based on a six-year cycle and has historically not inspected a set number of poles per year. As of the end of May 2020, Gulf has not yet begun its structure inspections, but anticipates being on track to complete its established inspection cycle. by the end of 2020.

Projections:

SPP Year 2021 – For 2021, Gulf projects it will continue to inspect its structures based on alternating 12-year cycles. Gulf estimates that it will incur approximately $3.5 million in 2021 for the Transmission Inspection Program, which includes approximately $2.6 million in capital expenditures, $0.6 million in cost of removal, and approximately $0.35 million in O&M expenses. Gulf is not seeking to recover any 2021 costs associated with the Transmission Inspection Program through the Storm Protection Plan Cost Recovery Clause.

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Program Title: Distribution Feeder Hardening Program

Description:

In Gulf's 2019-2021 Storm Hardening Plan, submitted to the Commission on March 1, 2019, Gulf enhanced its exiting program to storm harden its distribution feeders to the higher National Electric Safety Code storm hardening construction or Extreme Wind Loading ("EWL") standards. During 2006-2018, Gulf reconstructed portions of existing feeders, most of them considered Critical Infrastructure Function feeders which serve hospitals, police and fire stations, water treatment facilities, and feeders that serve other key community needs. In 2019, Gulf began to apply EWL standards to the design and construction of all new pole lines and major planned work, including pole line extensions and relocations, and certain pole replacements. This construction standard change for Gulf improves its distribution storm resiliency and overall service reliability to its customers.

Gulf has approximately 269 feeders remaining to be hardened and expects to harden approximately 12 to 18 feeders annually, with approximately 50% of Gulf's feeders to be hardened or underground by year-end 2029. The total estimated costs for the Distribution Feeder Hardening Program for the period of 2020-2029 is $315.3 million with an annual average cost of $31.5 million. A detailed explanation of the program, its costs and benefits, is contained in Gulf's SPP, Section IV(C), Distribution Feeder Hardening Program.

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, Gulf's SPP estimated approximately $12.3 million for the Distribution Feeder Hardening Program, which included approximately $11.5 million in capital costs and $0.8 million in O&M expenses. As of the end of May 2020, the total spend for this program is $5.2 million, which includes $5.0 million in capital costs and $0.2 million in O&M expenses. Gulf is not seeking to recover any 2020 costs associated with the Distribution Feeder Hardening Program through the Storm Protection Plan Cost Recovery Clause.

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Progress Summary:

SPP Year 2020 – In its SPP, Gulf projected the hardening of 6 feeders. As of the end of May 2020, Gulf completed 1 feeder and is on track to complete the remaining 5 for a total of 6 feeders by the end of 2020.

Projections:

SPP Year 2021 – For 2021, Gulf projects it will harden 18 feeders. Gulf estimates that it will incur approximately $38.4 million in 2021 for the Distribution Feeder Hardening Program, which includes approximately $30.8 million in capital expenditures, $5.1 million in cost of removal, and $2.5 million in O&M expenses. Gulf is seeking to recover $30.8 million of capital expenditures for the Distribution Feeder Hardening Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures and cost of removal for this program will be recovered through base rates.

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Program Title: Distribution Hardening – Lateral Undergrounding Program

Description:

Gulf is proposing in its SPP to start its undergrounding pilot that was mentioned in the 2019-2021 Storm Hardening Plan, similar to that conducted by Florida Power & Light Company ("FPL") and Duke Energy Florida. The program would build upon the experiences of FPL and focus on targeting certain overhead laterals, i.e., overhead laterals impacted by recent storms and with a history of vegetation-related outages and other reliability issues, spread throughout Gulf's system. Key objectives of the initial program would include validating conversion costs and identifying cost savings opportunities, testing different design philosophies, better understanding customer impacts and sentiments, and identifying barriers (e.g., obtaining easements, locating transformers, and attaching entities' issues). The evaluation and engineering of Gulf's laterals identified to be converted from overhead to underground will begin during the fourth quarter of 2020 and will begin construction in 2021 of its pilot lateral underground program. The total estimated costs for the period of 2020-2029 is approximately $46.6 million with an annual average cost of approximately $4.7 million.

A detailed explanation of the program, its costs and benefits, is contained in Gulf's SPP, Section IV(D), Distribution Hardening – Lateral Undergrounding Program.

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, Gulf has no estimated or actual costs in its SPP for the Distribution Hardening – Lateral Undergrounding Program.

Progress Summary:

Gulf is in the initial phase of the evaluation and engineering of Gulf's laterals identified to be converted from overhead to underground which will begin during the fourth quarter of 2020.

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Projections:

SPP Year 2021 – For 2021, Gulf projects it will hardening 8 laterals. Gulf estimates that it will incur approximately $5.2 million in 2021 for the Distribution Hardening – Lateral Undergrounding Program, which includes approximately $4.9 million in capital expenditures, $0.1 million in cost of removal, and $0.2 million in O&M expenses. Gulf is seeking to recover $4.9 million of capital expenditures for the Distribution Hardening – Lateral Undergrounding Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures and cost of removal for this program will be recovered through base rates.

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Program Title: Transmission Hardening Program

Description:

Based on Gulf's recent storm experience with Hurricane Michael, transmission hardening opportunities were identified in order to strengthen these critical facilities for the future. These are: substation flood monitoring and hardening, transmission and substation resiliency, and transmission structure replacement.

Beginning in 2019, Gulf began a substation hardening program by implementing flood monitoring on vulnerable substations and reviewing switch house construction standards for possible replacement and strengthening. Gulf is re-evaluating substation locations using the Coastal Substation Risk Assessments for all substations. As part of this process, a National Oceanic and Atmospheric Administration ("NOAA") Sea, Lake and Overland Surges from Hurricanes ("SLOSH") model is being used to define the potential maximum flood levels. SLOSH is a computerized model run by the National Hurricane Center to estimate storm surge heights and winds resulting from historical, hypothetical, or predicted hurricanes. Gulf will implement flood monitoring on vulnerable substations and review switch house construction standards for possible replacement and strengthening.

While Gulf's transmission and substation facilities have continued to perform satisfactorily in the past, it should be noted that Gulf's system and the reliability has been impacted by single point of failure events that have had, and will continue to have, the potential to greatly impact customers. Gulf has initiated a transmission and substation resiliency program and has begun to invest in the overall strengthening of the electric grid at the transmission and substation level to remove these critical single points of failure that have the potential to impact large numbers of customers for extended periods of time. By building redundancy in the system to make it more resilient, these improvements will eliminate outages, and shorten restoration times following major weather events.

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

In Gulf's 2019-2021 Storm Hardening Plan, submitted to the Commission on March 1, 2019, Gulf expanded its existing program to storm harden its transmission wood structures by replacing them with steel or concrete structures. As of year-end 2019, 62% of Gulf's transmission structures, system-wide, were steel or concrete, with approximately 38% (approximately 4,600) wood structures remaining to be replaced. Gulf expects to replace the approximately 4,600 wood transmission structures remaining on its system by year-end 2029. The total estimated costs for the Transmission Hardening Program for the ten-year period of 2020-2029 are $488.8 million with an annual average cost of approximately $48.9 million.

A detailed explanation of the program, its costs and benefits, is contained in Gulf's SPP, Section IV(E), Transmission Hardening Program.

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, Gulf's SPP estimated approximately $5.3 million for the Transmission Hardening Program, which included approximately $5.2 million in capital costs and $0.1 million in O&M expenses. As of the end of May 2020, the total spend for this program is $3.92 million, which includes $3.91 million in capital costs and $0.01 million in O&M expenses. Gulf is not seeking to recover any 2020 costs associated with the Transmission Hardening Program through the Storm Protection Plan Cost Recovery Clause.

Progress Summary:

SPP Year 2020 – In its SPP, Gulf projected the hardening of 2 substation control houses, 8 flood monitors, 3 additional transformer banks, and replace 70 wood structures. As of the end of May 2020, Gulf has completed all 70 structures and plans to complete the remaining hardening of substation control houses, flood monitors, and additional transformer banks by the end of 2020.

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Projections:

SPP Year 2021 – For 2021, Gulf projects it will harden approximately 370 structures, 2 control houses, install 11 additional transformer banks, and add a second transmission line to a substation. Gulf estimates that it will incur approximately $45.5 million in 2021 for the Transmission Hardening Program, which includes approximately $40.8 million in capital expenditures, $4.3 million in cost of removal, and $0.4 million in O&M expenses. Gulf is seeking to recover $40.8 million of capital expenditures for the Transmission Hardening Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures and cost of removal for this program will be recovered through base rates.

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Program Title: Vegetation Management – Distribution Program

Description:

Gulf proposes to continue its existing Commission-approved Vegetation Management - Distribution Program which includes its system-wide: three-year cycle for feeders; mid-year cycle inspection and trimming for feeders; four-year cycle for laterals; and continued education of customers through its Right Tree Right Place Program. On average, Gulf plans to inspect and trim annually approximately one-third (1/3) of its overhead feeder miles, or 259 miles; approximately one-fourth (1/4) of its overhead lateral miles, or 1,257 miles; and mid-cycle inspection and trim of approximately 518 miles for a total estimated inspection and trim average of approximately 2,000 miles per year. The primary objective of Gulf's Vegetation Management – Distribution Program is to clear vegetation in areas where Gulf is permitted to trim for the vicinity of distribution facilities and equipment in order to provide safe, reliable and cost-effective electric service to its customers. Additionally, as explained in the 2020-2029 SPP, recent storm events demonstrate that Gulf's existing Vegetation Management – Distribution Program has contributed to the overall improvement in the resiliency of distribution system during storms, resulting in reductions in storm damage to poles, days to restore, and storm restoration costs. The total estimated costs for the Vegetation Management – Distribution Program for the ten-year period of 2020-2029 is $47.4 million with an annual average cost of $4.7 million, which is consistent with historical costs for the existing Vegetation Management – Distribution Program.

A more detailed explanation of the program, its costs and benefits, is contained in Gulf's SPP, Section IV(F), Vegetation Management – Distribution Program.

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, Gulf's SPP estimated approximately $5.0 million for the Vegetation Management – Distribution Program as operating expenses. As of the end of May 2020, the total spend for this program is $1.9 million. Gulf is not seeking to recover

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

any 2020 costs associated with the Vegetation Management – Distribution Program through the Storm Protection Plan Cost Recovery Clause.

Progress Summary:

SPP Year 2020 – In its SPP, Gulf projected an average of inspection and trim of 2,000 miles of vegetation maintenance. As of the end of May 2020, Gulf completed approximately 738 miles of vegetation management inspections and trimming and is on track to complete the remaining 1262 miles for a total of approximately 2000 miles by the end of 2020.

Projections:

SPP Year 2021 – For 2021, Gulf projects it will complete an average of approximately 2,000 miles of inspection and trimming of vegetation maintenance. Gulf estimates that it will incur approximately $4.7 million O&M expense in 2021 for the Vegetation Management – Distribution Program, there are no capital costs for Vegetation Management – Distribution Program. Gulf is not seeking recovery of the 2021 costs for the Vegetation Management – Distribution Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures for this program will be recovered through base rates.

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Program Title: Vegetation Management – Transmission Program

Description:

Gulf proposes to continue its existing Commission-approved Vegetation Management – Transmission Program. This program also complies with the North American Electric Reliability Corporation's ("NERC") vegetation management standards and requirements for Gulf's transmission system. The reliability objective of these standards and requirements is to prevent vegetation-related outages which could lead to cascading by utilizing effective vegetation maintenance. Approximately just over one third of Gulf's total transmission system, or approximately 600 miles, fall under the NERC vegetation management standards and requirements. The key elements of Gulf's Vegetation Management – Transmission Program are rights of way ground floor vegetation management, annual ground inspections of transmission rights of way, document vegetation inspection results and findings, and prescribe a work plan and execute the work plan. For those transmission lines which fall under NERC's vegetation management standards and requirements, Gulf plans to pilot and begin using a technology called LiDAR, Light Detection and Ranging. The collected LiDAR data will be used to develop preventative and reactive work plans. Gulf will continue to develop and execute annual work plans to address identified vegetation conditions. Under the 2020-2029 SPP, Gulf plans to continue its current program of identifying and correcting priority vegetation and hazard tree conditions. The total estimated costs for the Vegetation Management – Transmission Program for the ten-year period of 2020-2029 is $28.3 million with an annual average cost of approximately $2.8 million, which is consistent with historical costs for the existing Vegetation Management – Transmission Program.

A more detailed explanation of the program, its costs and benefits, is contained in Gulf's SPP, Section IV(G), Vegetation Management – Transmission Program.

FORM: 6P

GULF POWER COMPANY
PROJECT DESCRIPTION AND PROGRESS

Accomplishments:

Fiscal Expenditures:

SPP Year 2020 – For 2020, Gulf's SPP estimated approximately $2.5 million for the Vegetation Management – Transmission Program in O&M expenses. As of the end of May 2020, the total spend for this program is $0.7 million. Gulf is not seeking to recover any 2020 costs associated with the Vegetation Management – Transmission Program through the Storm Protection Plan Cost Recovery Clause.

Progress Summary:

SPP Year 2020 – In its SPP, Gulf projected vegetation maintenance of 600 miles of NERC and 1075 miles of non-NERC miles. As of the end of May 2020, Gulf completed 180 miles of NERC and 525 miles of non-NERC vegetation maintenance and is on track to complete the remaining 425 miles of NERC and 550 miles of non-NERC vegetation maintenance for a total of 1675 miles by the end of 2020.

Projections:

SPP Year 2021 – For 2021, Gulf projects it will complete 1675 miles of vegetation maintenance. Gulf estimates that it will incur approximately $2.9 million O&M expense in 2021 for the Vegetation Management – Transmission Program, there are no capital costs for Vegetation Management – Transmission Program. Gulf is not seeking recovery of the 2021 costs for the Vegetation Management – Transmission Program through the Storm Protection Plan Cost Recovery Clause; the 2021 O&M expenditures for this program will be recovered through base rates.

FORM 7P
Page 1 of 1

GULF POWER COMPANY
FORECASTED 2021
CAPITAL STRUCTURE AND COST RATES [a]
Equity @ 10.25%

	ADJUSTED RETAIL	RATIO	MIDPOINT COST RATES	WEIGHTED COST	PRE-TAX WEIGHTED COST
LONG_TERM_DEBT	923,869,652	28.122%	2.91%	0.8195%	0.82%
SHORT_TERM_DEBT	327,115,529	9.957%	0.51%	0.0508%	0.05%
PREFERRED_STOCK	0	0.000%	0.00%	0.0000%	0.00%
CUSTOMER_DEPOSITS	20,576,210	0.626%	2.66%	0.0167%	0.02%
COMMON_EQUITY [b]	1,439,015,272	43.802%	10.25%	4.4897%	5.95%
DEFERRED_INCOME_TAX	558,510,509	17.000%	0.00%	0.0000%	0.00%
INVESTMENT_TAX_CREDITS					
ZERO COST	0	0.000%	0.00%	0.0000%	0.00%
WEIGHTED COST	16,176,661	0.492%	7.38%	0.0363%	0.05%
TOTAL	$3,285,263,833	100.00%		5.4130%	6.88%

CALCULATION OF THE WEIGHTED COST FOR INVESTMENT TAX CREDITS

	ADJUSTED RETAIL	RATIO	COST RATE	WEIGHTED COST	PRE TAX COST
LONG TERM DEBT	$923,869,652	39.10%	2.914%	1.139%	1.139%
PREFERRED STOCK	0	0.00%	0.000%	0.000%	0.000%
COMMON EQUITY	1,439,015,272	60.90%	10.250%	6.242%	8.270%
TOTAL	$2,362,884,924	100.00%		7.382%	9.410%
RATIO					

DEBT COMPONENTS:	
LONG TERM DEBT	0.8195%
SHORT TERM DEBT	0.0508%
CUSTOMER DEPOSITS	0.0167%
TAX CREDITS -WEIGHTED	0.0056%
TOTAL DEBT	**0.8925%**
EQUITY COMPONENTS:	
PREFERRED STOCK	0.0000%
COMMON EQUITY	4.4897%
TAX CREDITS -WEIGHTED	0.0307%
TOTAL EQUITY	**4.5205%**
TOTAL	5.4130%
PRE-TAX EQUITY	5.9891%
PRE-TAX TOTAL	6.8816%

Note:

(a) Forecasted capital structure includes a deferred income tax proration adjustment consistent with FPSC Order No. PSC-2020-0165-PAA-EU, Docket No. 20200118-EU.
(b) Cost rate for common equity represents Gulf's mid-point return on equity approved by the FPSC in Order No. PSC-17-0178-S-EI, Docket Nos. 160186-EI and 160170-EI.

Exhibit RBD-1 Appendix 2

GULF POWER COMPANY
CALCULATION OF 12CPKW AT GENERATION BY RATE CLASS
BACKUP WORKSHEET

RATE CLASS	(1) Average 12CPKW @ METER	(2) DEMAND LOSS EXPANSION FACTOR	(3) Average 12CPKW @ GENER.	(4) JURIS. ALLOCATOR
RS/RSVP	1,077,395.04	1.00609343	1,083,960.07	
GS	64,216.73	1.00608241	64,607.33	
GSD/GSDT	390,856.78	1.00590017	393,162.90	
LP/LPT	111,599.05	0.98747379	110,201.13	
PX/PXT/RTP/CSA/SBS	240,698.02	0.96884429	233,198.90	
OSI/OSII	1,546.76	1.00619545	1,556.34	
OSIII	5,349.83	1.00617773	5,382.88	
JURISDICTIONAL	1,891,662.21		1,892,069.55	**97.23427%**
FPU (INT)	32,667.60	0.94895250	31,000.00	1.59310%
FPU (PEAK)	24,045.40	0.94895250	22,817.94	1.17262%
NON-JURISDICTIONAL	56,713.00		53,817.94	**2.76573%**
TERRITORIAL	1,948,375.21		1,945,887.49	100.00000%

GULF POWER COMPANY
CALCULATION OF DISTRIBUTION AND GENERAL PLANT SEPARTION FACTORS
BACKUP WORKSHEET

($000s)

Description	Total Total Adjusted Utility	Unit Power Sales	Total Adjusted Utility Net Of UPS	Jurisdictional Amount	Jurisdictional Separation Factor
DISTRIBUTION					
Land and Land Rights	3,137	0	3,137	3,063	0.9764106
Structures and Improvements	25,825	0	25,825	25,226	0.9768054
Station Equipment	214,784	0	214,784	210,928	0.9820471
DISTRIBUTION			243,746	239,217	0.9814192
GENERAL PLANT	205,892	1,339	204,553	201,302	0.9841068

Exhibit RBD-1 Appendix 3

Gulf Power Company
Storm Protection Plan - Allocation of Implementation Costs

(in Dollars)

		Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December
Distribution Programs Plant In Service													
Distribution Feeder Hardening		$1,197,570	$2,929,751	$4,898,702	$6,973,619	$9,265,191	$12,342,710	$15,767,687	$19,347,368	$22,309,164	$24,822,676	$27,138,938	$29,196,621
Distribution Inspection Program		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$966,421
Vegetation Management - Distribution		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Distribution Hardening Lateral Undergrounding		$188,127	$460,235	$769,537	$1,095,486	$1,455,469	$1,938,917	$2,476,948	$3,039,281	$3,504,550	$3,899,397	$4,263,258	$4,589,190
Total Distribution Programs Plant In Service		$1,385,697	$3,389,986	$5,668,239	$8,069,104	$10,720,660	$14,281,627	$18,244,635	$22,386,649	$25,813,714	$28,722,073	$31,402,196	$34,752,233
Distribution Average Plant In Service	$17,069,734												
Transmission Programs Plant In Service													
Transmission Inspection Program		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transmission Hardening		$1,197,570	$2,929,751	$4,898,702	$6,973,619	$9,265,191	$12,342,710	$15,767,687	$19,347,368	$22,309,164	$24,822,676	$27,138,938	$29,196,621
Vegetation Management - Transmission		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Transmission Programs Plant In Service		$1,197,570	$2,929,751	$4,898,702	$6,973,619	$9,265,191	$12,342,710	$15,767,687	$19,347,368	$22,309,164	$24,822,676	$27,138,938	$29,196,621
Transmission Average Plant In Service	$14,682,500												
Total Average Plant In Service	$31,752,234												
Implementation Cost Allocated to Distribution %	53.76%												
Implementation Cost Allocated to Transmission %	46.24%												

Docket No. 20200092-EI
Appendix 3 - Allocation of Implementation Costs
Exhibit RBD-1, Page 1 of 1

EXHIBIT

OF

MARK R. ROCHE

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 14
PARTY: TAMPA ELECTRIC COMPANY – (DIRECT)
DESCRIPTION: Mark R. Roche MRR-1

STORM PROTECTION PLAN COSTS
PROJECTED

INDEX

SCHEDULE	TITLE	PAGE
___	2021 Billing Determinants and Allocation Factors	18
P-1	Summary of Cost Recovery Clause Calculation	19
P-2	Storm Protection Plan Costs – Projected	20
P-3	Storm Protection Plan Costs – Actual and Projected	41
P-4	Program Descriptions and Progress	57

TAMPA ELECTRIC COMPANY
STORM PROTECTION PLAN
BILLING DETERMINANTS AND ALLOCATION % BY RATE CLASS
JANUARY 2021 THROUGH DECEMBER 2021
PROJECTED

	BILLING DETERMINANTS		ALLOCATION FACTORS	
	MWh	kW	DISTRIBUTION	TRANSMISSION
RS (Tier 1, Tier 2, RSVP)	9,684,803		59.1870%	55.4154%
GS & CS	902,049		5.6709%	6.0893%
GSD, SBF		17,528,483	31.6709%	34.1821%
GSD Optional	360,212		1.5122%	1.6321%
IS		1,986,004	0.5405%	2.5863%
LS1, LS2	134,246		1.4185%	0.0948%
LTG-FAC	0		0.0000%	0.0000%

TRANSMISSION DEMAND SEPARATION FACTOR

FPSC Jurisdictional Factor	92.5292%
FERC Jurisdictional Factor	7.4708%

Storm Protection Program	Function	SPPCRC Revenue Requirement	RS (Tier 1, Tier 2, RSVP)	GS & CS	GSD, SBF	GSD Optional	IS	LS1, LS2	LTG-FAC	Total
Capital										
Distribution Lateral Undergrounding	Dist	$4,501,574	$2,664,345.72	$255,281.87	$1,425,689.48	$68,072.58	$24,329.23	$63,855.12	0	$4,501,574.00
Transmission Asset Upgrades	Trans Retail	$1,545,849	$856,638.38	$94,131.44	$528,404.33	$25,229.79	$39,979.55	$1,465.76	0	$1,545,849.26
Substation Extreme Weather Protection	Dist	$0	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	0	$0.00
Distribution Overhead Feeder Hardening	Dist	$1,777,761	$1,052,203.05	$100,815.88	$563,033.10	$26,883.22	$9,608.10	$25,217.66	0	$1,777,761.00
Transmission Access Enhancements	Trans Retail	$24,300	$13,465.95	$1,479.70	$8,306.27	$396.60	$628.46	$23.04	0	$24,300.02
O&M										
Distribution Vegetation Management - planned	Dist	$23,219,170	$13,742,725.86	$1,316,746.80	$7,353,722.73	$351,119.17	$125,490.47	$329,365.45	0	$23,219,170.47
Transmission Vegetation Management - planned	Trans Retail	$3,270,537	$1,812,380.86	$199,152.91	$1,117,939.51	$53,378.41	$84,584.32	$3,101.09	0	$3,270,537.10
Transmission Asset Upgrades	Trans Retail	$816,005	$452,192.13	$49,688.99	$278,927.82	$13,318.00	$21,103.93	$773.73	0	$816,004.61
Substation Extreme Weather Protection	Dist	$250,000	$147,967.45	$14,177.37	$79,177.28	$3,780.49	$1,351.15	$3,546.27	0	$250,000.00
Distribution Overhead Feeder Hardening	Dist	$521,179	$308,469.98	$29,555.77	$165,062.07	$7,881.24	$2,816.77	$7,392.96	0	$521,178.78
Distribution Infrastructure Inspections	Dist	$1,003,600	$594,000.53	$56,913.62	$317,849.26	$15,176.39	$5,424.06	$14,236.13	0	$1,003,600.00
Transmission Infrastructure Inspections	Trans Retail	$682,935	$378,451.15	$41,585.99	$233,441.82	$11,146.18	$17,662.42	$647.55	0	$682,935.11
SPP Planning & Common	Dist	$1,818,819	$1,076,504.19	$103,144.27	$576,036.62	$27,504.10	$9,830.00	$25,800.07	0	$1,818,819.24
Total		$39,431,729.58	$23,099,345.24	$2,262,674.61	$12,647,590.28	$603,886.16	$342,808.47	$475,424.82	$0.00	$39,431,729.58
Revenue Tax Factor		1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
Total with Revenue Tax Factor		$39,460,120.43	$23,115,976.77	$2,264,303.74	$12,656,696.54	$604,320.96	$343,055.29	$475,767.12	$0.00	$39,460,120.43
Billing Determinants			9,684,803	902,049	17,528,483	360,212	1,986,004	134,246	0	

After Taxes	RS (Tier 1, Tier 2, RSVP)	GS & CS	GSD, SBF	GSD Optional	IS	LS1, LS2	LTG-FAC
Charges (per kWh)	$0.002387	$0.002510		$0.001678		$0.003544	$0.000000
Charges (per kW)			$0.722065		$0.172736		

Clause Charges (per kWh)	RS (Tier 1, Tier 2, RSVP)	GS & CS		GSD Optional		LS1, LS2	LTG-FAC
Secondary	$0.002387	$0.002510		$0.001678		$0.003544	$0.000000
Primary				$0.001661			
Sub-Transmission				$0.001644			

Clause Charges (per kW)			GSD, SBF		IS		
Secondary			$0.722065				
Primary			$0.714844		$0.171009		
Sub-Transmission			$0.707623		$0.169282		

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 2
WITNESS: ROCHE
PAGE 1 OF 1
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
Projected Period: January through December 2021

Form 1P
Page 1 of 1

Summary of Projected Period Recovery Amount
(in Dollars)

Line		Demand ($)	Energy ($)	Total ($)
1.	Total Jurisdictional Revenue Requirements for the Projected Period			
a.	Vegetation Management O&M Programs (Form 2P, Lines 13.a thru 13.c)	$ 23,062,187	$ -	$ 23,062,187
b.	Asset Upgrade O&M Programs (Form 2P, Line 13.d)	$ 415,791	$ -	$ 415,791
c.	Substation Protection O&M Programs (Form 2P, Line 13.e)	$ 250,000	$ -	$ 250,000
d.	Overhead Feeder Hardening O&M Programs (Form 2P, Line 13.f)	$ 345,191	$ -	$ 345,191
e.	Transmission Access O&M Programs (Form 2P, Line 13.g)	$ -	$ -	$ -
f.	Infrastructure Inspections O&M Programs (Form 2P, Lines 13.h thru 13.i)	$ 1,541,593	$ -	$ 1,541,593
g.	Common SPP O&M Programs (Form 2P, Line 13.j)	$ 402,400	$ -	$ 402,400
h.	Distribution Lateral Undergrounding Capital Program (Form 3P, Line 1)	$ 4,342,580	$ -	$ 4,342,580
i.	Transmission Asset Upgrades Capital Program (Form 3P, Line 2)	$ 1,390,775	$ -	$ 1,390,775
j.	Substation Extreme Weather Capital Program (Form 3P, Line 3)	$ -	$ -	$ -
k.	Distribution Overhead Feeder Hardening Capital Program (Form 3P, Line 4)	$ 1,678,258	$ -	$ 1,678,258
l.	Transmission Access Enhancement Capital Program (Form 3P, Line 5)	$ 24,300	$ -	$ 24,300
m.	Total Projected Period Revenue Requirement	$ 33,453,075	$ -	$ 33,453,075
2.	Estimated True up of Over/(Under) Recovery for the Current Period (SPPCRC Form 1E, Line 4)	$ (5,986,696)	$ -	$ (5,986,696)
3.	Final True Up of Over/(Under) Recovery for the Prior Period (SPPCRC Form 1A, Line 5c)	$ -	$ -	$ -
4.	Jurisdictional Amount to Recovered/(Refunded) (Line 1m - Line 2 - Line 3)	$ 39,439,771	$ -	$ 39,439,771
5.	Jurisdictional Amount to Recovered/(Refunded) Adjusted for Taxes	$ 39,468,167	$ -	$ 39,468,167
	Revenue Tax Multiplier: 1.00072			

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 3
WITNESS: ROCHE
PAGE 1 OF 21
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
Projected Period: January through December 2021

Calculation of Annual Revenue Requirements for O&M Programs
(in Dollars)

Line	O&M Activities	T/D	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total	Method of Classification Demand %	Method of Classification Energy %
1.	Vegetation Management Programs																
	1. Distribution Vegetation Management - Planned	D	1,566,001	1,566,051	1,565,901	1,677,112	1,677,011	1,677,011	1,677,111	1,677,161	1,677,011	1,677,110	1,677,010	1,677,160	19,791,650	100%	0%
	2. Transmission Vegetation Management - Planned	T	294,617	294,517	294,517	294,617	294,517	294,517	294,617	294,517	294,516	294,616	294,516	294,516	3,534,600	100%	0%
	3. Transmission Vegetation Management - ROW	T	-	-	-	-	-	-	-	-	-	-	-	-	0	100%	0%
1.a	Adjustments														0	100%	0%
1.b	Subtotal of Vegetation Management Programs		1,860,618	1,860,568	1,860,418	1,971,729	1,971,528	1,971,528	1,971,728	1,971,678	1,971,527	1,971,726	1,971,526	1,971,676	23,326,250	-	
2	Asset Upgrade Programs																
	1. Transmission Asset Upgrades	T	32,091	31,066	31,079	37,495	34,823	43,739	45,183	44,918	45,471	36,808	33,302	33,387	449,362	100%	0%
2.a	Adjustments														0	100%	0%
2.b	Subtotal of Asset Upgrade programs		32,091	31,066	31,079	37,495	34,823	43,739	45,183	44,918	45,471	36,808	33,302	33,387	449,362		
3	Substation Protection Programs																
	1. Substation Extreme Weather Protection	D	0	0	0	125,000	125,000	0	0	0	0	0	0	0	250,000	100%	0%
3.a	Adjustments														0	100%	0%
3.b	Subtotal of Substation Protection Programs		0	0	0	125,000	125,000	0	0	0	0	0	0	0	250,000		
4.	Overhead Feeder Hardening Programs																
	1. Distribution Overhead Feeder Hardening	D	8,530	17,228	45,423	51,539	60,769	39,940	15,969	23,368	20,291	21,043	20,189	20,903	345,191	100%	0%
4.a	Adjustments														0	100%	0%
4.b	Subtotal of Transmission Access Programs		8,530	17,228	45,423	51,539	60,769	39,940	15,969	23,368	20,291	21,043	20,189	20,903	345,191		
5.	Transmission Access Programs																
	1. Transmission Access Enhancement	T	0	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%
5.a.	Adjustments														0	100%	0%
5.b.	Subtotal of Transmission Access Programs		0	0	0	0	0	0	0	0	0	0	0	0	0		
6.	Infrastructure Inspection Programs																
	1. Distribution Infrastructure Inspections	D	175,800	175,800	175,800	175,800	100,200	100,200	98,500	300	300	300	300	300	1,003,600	100%	0%
	2. Transmission Infrastructure Inspections	T	24,140	64,750	51,290	38,450	25,850	45,485	38,600	37,175	112,490	70,500	34,450	38,250	581,430	100%	0%
6.a.	Adjustments														0	100%	0%
6.b.	Subtotal of Infrastructure Inspection Programs		199,940	240,550	227,090	214,250	126,050	145,685	137,100	37,475	112,790	70,800	34,750	38,550	1,585,030		
7.	Common SPP Programs																
	1. Common O&M	D	32,150	43,150	32,550	32,450	34,350	32,250	32,150	32,550	32,150	34,350	32,150	32,150	402,400	100%	0%
7.a.	Adjustments														0	100%	0%
7.b.	Subtotal of Common SPP Programs		32,150	43,150	32,550	32,450	34,350	32,250	32,150	32,550	32,150	34,350	32,150	32,150	402,400		
8.	Total of O&M Programs		2,133,329	2,192,562	2,196,559	2,432,463	2,352,520	2,233,142	2,202,130	2,109,988	2,182,229	2,134,727	2,091,917	2,096,666	26,358,233	-	-
	a. Total Distribution O&M Programs		1,782,481	1,802,229	1,819,674	2,061,901	1,997,330	1,849,401	1,823,730	1,733,379	1,729,752	1,732,803	1,729,649	1,730,513	21,792,841		
	b. Total Transmission O&M Programs		350,848	390,333	376,886	370,562	355,190	383,741	378,400	376,610	452,477	401,924	362,268	366,153	4,565,392		
9.	Allocation of O&M Costs																
	a. Distribution O&M Allocated to Demand		1,782,481	1,802,229	1,819,674	2,061,901	1,997,330	1,849,401	1,823,730	1,733,379	1,729,752	1,732,803	1,729,649	1,730,513	21,792,841	-	
	b. Transmission O&M Allocated to Demand		350,848	390,333	376,886	370,562	355,190	383,741	378,400	376,610	452,477	401,924	362,268	366,153	4,565,392	-	
	c. Distribution O&M Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0		
	d. Transmission O&M Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0		
10.	Retail Jurisdictional Factors																
	a. Distribution Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
	b. Transmission Demand Jurisdictional Factor		0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920			
	c. Distribution Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			
	d. Transmission Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			
11.	Jurisdictional Revenue Requirements																
	a. Jurisdictional Distribution Demand Revenue Requirement		1,782,481	1,802,229	1,819,674	2,061,901	1,997,330	1,849,401	1,823,730	1,733,379	1,729,752	1,732,803	1,729,649	1,730,513	21,792,841		
	b. Jurisdictional Transmission Demand Revenue Requirement		324,637	361,172	348,729	342,878	328,654	355,073	350,130	348,474	418,673	371,897	335,204	338,798	4,224,321		
	c. Jurisdictional Distribution Energy Revenue Requirement		-	-	-	-	-	-	-	-	-	-	-	-	-		
	d. Jurisdictional Transmission Energy Revenue Requirement		-	-	-	-	-	-	-	-	-	-	-	-	-		
12.	Total Jurisdictional O&M Revenue Requirements		2,107,118	2,163,401	2,168,403	2,404,779	2,325,984	2,204,474	2,173,860	2,081,852	2,148,425	2,104,701	2,064,853	2,069,312	26,017,162	-	
13	Jurisdictional Demand Revenue Requirements by Program																
	a. Distribution Vegetation Management - Planned		1,566,001	1,566,051	1,565,901	1,677,112	1,677,011	1,677,011	1,677,111	1,677,161	1,677,011	1,677,110	1,677,010	1,677,160	19,791,650		
	b. Transmission Vegetation Management - Planned		272,607	272,514	272,514	272,607	272,514	272,514	272,607	272,514	272,513	272,606	272,513	272,513	3,270,537		
	c. Transmission Vegetation Management - ROW		0	0	0	0	0	0	0	0	0	0	0	0	0		
	d. Trans Asset Upgrade O&M Programs		29,693	28,745	28,757	34,694	32,221	40,472	41,807	41,562	42,074	34,058	30,814	30,893	415,791		
	e. Substation Protection O&M Programs		0	0	0	125,000	125,000	0	0	0	0	0	0	0	250,000		
	f. Overhead Feeder Hardening Programs		8,530	17,228	45,423	51,539	60,769	39,940	15,969	23,368	20,291	21,043	20,189	20,903	345,191		
	g. Transmission Access O&M Programs		0	0	0	0	0	0	0	0	0	0	0	0	0		
	h. Distr. Infrastructure Inspections		175,800	175,800	175,800	175,800	100,200	100,200	98,500	300	300	300	300	300	1,003,600		
	i. Trans. Infrastructure Inspections		22,337	59,913	47,458	35,577	23,919	42,087	35,716	34,398	104,086	65,233	31,876	35,392	537,993		
	j. Common SPP O&M		32,150	43,150	32,550	32,450	34,350	32,250	32,150	32,550	32,150	34,350	32,150	32,150	402,400		
			2,107,118	2,163,401	2,168,403	2,404,779	2,325,984	2,204,474	2,173,860	2,081,852	2,148,425	2,104,701	2,064,853	2,069,312	26,017,162		

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 3
WITNESS: ROCHE
PAGE 2 OF 21
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
Projected Period: January through December 2021
Project Listing by Each O&M Program

Line	O&M Activities	T or D
1.	Vegetation Management O&M Programs	
1.1	Distribution Vegetation Management - Planned	
1.1.1	PRE - Dist Line - Tree Trimming - Planned	D
1.1.2	Dist SPP Supplemental	D
1.1.3	Dist SPP Mid-Cycle	D
1.2	Transmission Vegetation Management - Planned	
1.2.1	PRE - ROW Clearance	T
1.2.2	PRE - Trans Line - Tree Trimming/Removals - Planned	T
1.2.3	Trans SPP 69kV Reclamation	T
2.	Asset Upgrade O&M Programs	
2.1	Transmission Asset Upgrades	
2.1.1	SPP TAU - Circuit 230008	T
2.1.2	SPP TAU - Circuit 230010	T
2.1.3	SPP TAU - Circuit 230038	T
2.1.4	SPP TAU - Circuit 230003	T
2.1.5	SPP TAU - Circuit 230005	T
2.1.6	SPP TAU - Circuit 230004	T
2.1.7	SPP TAU - Circuit 230625	T
2.1.8	SPP TAU - Circuit 230021	T
2.1.9	SPP TAU - Circuit 230052	T
2.1.10	SPP TAU - Circuit 66024	T
2.1.11	SPP TAU - Circuit 230608	T
2.1.12	SPP TAU - Circuit 230603	T
2.1.13	SPP TAU - Circuit 66407	T
2.1.14	SPP TAU - Circuit 66033	T
2.1.15	SPP TAU - Circuit 66016	T
2.1.16	SPP TAU - Circuit 66427	T
2.1.17	SPP TAU - Circuit 66415	T
2.1.18	SPP TAU - Circuit 66834	T
2.1.19	SPP TAU - Circuit 66022	T
2.1.20	SPP TAU - Circuit 66060	T
2.1.21	SPP TAU - Circuit 66048	T
2.1.22	SPP TAU - Circuit 66031	T
2.1.23	SPP TAU - Circuit 66036	T
2.1.24	SPP TAU - Circuit 230402	T
2.1.25	SPP TAU - Circuit 230401	T
2.1.26	SPP TAU - Circuit 230602	T
2.1.27	SPP TAU - Circuit 230012	T
2.1.28	SPP TAU - Circuit 230606	T
2.1.29	SPP TAU - Circuit 230033	T
2.1.30	SPP TAU - Circuit 230609	T
2.1.31	SPP TAU - Circuit 230013	T
2.1.32	SPP TAU - Circuit 66030	T
2.1.33	SPP TAU - Circuit 66025	T
2.1.34	SPP TAU - Circuit 66020	T
2.1.35	SPP TAU - Circuit 66027	T
2.1.36	SPP TAU - Circuit 66008	T
2.1.37	SPP TAU - Circuit 66001	T
3.	Substation Protection O&M Programs	
3.1	Substation Extreme Weather Protection	
3.1.1	Substation Study	D

4	Overhead Feeder Hardening O&M Programs		
	4.1	Distribution Overhead Feeder Hardening	
		4.1.1 SPP FH - 13461	D
		4.1.2 SPP FH - 14121	D
		4.1.3 SPP FH - 13939	D
		4.1.4 SPP FH - 13890	D
		4.1.5 SPP FH - 13443	D
		4.1.6 SPP FH - 13227	D
		4.1.7 SPP FH - 13462	D
		4.1.8 SPP FH - 13633	D
		4.1.9 SPP FH - 13101	D
		4.1.10 SPP FH - 13104	D
		4.1.11 SPP FH - 13111	D
		4.1.12 SPP FH - 13309	D
		4.1.13 SPP FH - 13313	D
		4.1.14 SPP FH - 13314	D
		4.1.15 SPP FH - 13339	D
		4.1.16 SPP FH - 13433	D
		4.1.17 SPP FH - 13808	D
		4.1.18 SPP FH - 13964	D
		4.1.19 SPP FH - 13148	D
		4.1.20 SPP FH - 13048	D
		4.1.21 SPP FH - 13094	D
		4.1.22 SPP FH - 13770	D
		4.1.23 SPP FH - 13118	D
		4.1.24 SPP FH - 13296	D
		4.1.25 SPP FH - 13989	D
		4.1.26 SPP FH - 13984	D
		4.1.27 SPP FH - 14123	D
5	Transmission Access O&M Programs		
	5.1	Transmission Access Enhancement	
		5.1.1 none	T
6	Infrastructure Inspection O&M Programs		
	6.1	Distribution Infrastructure Inspections	
		6.1.1 PRE - Dist Line - Pole Inspection Program	D
	6.2	Transmission Infrastructure Inspections	
		6.2.1 PRE - Trans Line - Routine Patrols	T
		6.2.2 PRE - Trans Line - Above-Ground Inspections	T
		6.2.3 PRE - Trans Line - Infared Inspections	T
		6.2.4 PRE - Trans Line - Pole Inspection Program	T
		6.2.5 PRE - Substation - Transmission - Inspection, Test	T
		6.2.6 PRE - Substation - Transmission - Inspect, Test - GSU	T
7	Common SPP O&M Programs		
	7.1	Common O&M Programs	
		7.1.1 SPP Common O&M - ED	D
		7.1.2 SPP Common O&M - Regulatory	D
		7.1.3 Planning & Admin	D

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
Projected Period: January through December 2021

Calculation of Annual Revenue Requirements for Capital Investment Programs
(in Dollars)

Line	Capital Investment Activities	T/D	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Distribution Lateral Undergrounding Program	D	$ 85,427	$ 130,349	$ 175,608	$ 232,253	$ 282,351	$ 331,023	$ 384,238	$ 436,747	$ 490,076	$ 544,943	$ 600,280	$ 649,285	$ 4,342,580
1.a.	Adjustments	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1.b.	Subtotal of Distribution Lateral Undergrounding Program	D	$ 85,427	$ 130,349	$ 175,608	$ 232,253	$ 282,351	$ 331,023	$ 384,238	$ 436,747	$ 490,076	$ 544,943	$ 600,280	$ 649,285	$ 4,342,580
1.c.	Jurisdictional Demand Revenue Requirements		$ 85,427	$ 130,349	$ 175,608	$ 232,253	$ 282,351	$ 331,023	$ 384,238	$ 436,747	$ 490,076	$ 544,943	$ 600,280	$ 649,285	$ 4,342,580
1.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2	Transmission Asset Upgrades Program	T	$ 62,086	$ 72,635	$ 83,005	$ 93,690	$ 105,413	$ 115,842	$ 130,242	$ 144,775	$ 156,119	$ 170,330	$ 181,095	$ 187,834	$ 1,503,066
2.a.	Adjustments	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2.b.	Subtotal of Transmission Asset Upgrades Program	T	$ 62,086	$ 72,635	$ 83,005	$ 93,690	$ 105,413	$ 115,842	$ 130,242	$ 144,775	$ 156,119	$ 170,330	$ 181,095	$ 187,834	$ 1,503,066
2.c.	Jurisdictional Demand Revenue Requirements		$ 57,448	$ 67,209	$ 76,804	$ 86,691	$ 97,538	$ 107,188	$ 120,512	$ 133,959	$ 144,456	$ 157,605	$ 167,566	$ 173,801	$ 1,390,775
2.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3	Substation Extreme Weather Program	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.a.	Adjustments	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.b.	Subtotal of Substation Extreme Weather Program	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.c.	b Jurisdictional Demand Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.d.	a Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	Distribution Overhead Feeder Hardening Program	D	$ 66,657	$ 73,897	$ 88,958	$ 108,430	$ 129,027	$ 144,368	$ 161,486	$ 166,117	$ 174,014	$ 182,761	$ 189,030	$ 193,513	$ 1,678,258
4.a.	Adjustments	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4.b.	Subtotal of Distribution Overhead Feeder Hardening Program	D	$ 66,657	$ 73,897	$ 88,958	$ 108,430	$ 129,027	$ 144,368	$ 161,486	$ 166,117	$ 174,014	$ 182,761	$ 189,030	$ 193,513	$ 1,678,258
4.c.	Jurisdictional Demand Revenue Requirements		$ 66,657	$ 73,897	$ 88,958	$ 108,430	$ 129,027	$ 144,368	$ 161,486	$ 166,117	$ 174,014	$ 182,761	$ 189,030	$ 193,513	$ 1,678,258
4.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Transmission Access Enhancement Program	T	$ -	$ -	$ -	$ 149	$ 447	$ 745	$ 1,328	$ 2,198	$ 3,068	$ 4,371	$ 6,109	$ 7,847	$ 26,262
5.a.	Adjustments	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5.b.	Subtotal of Transmission Access Enhancement Program	T	$ -	$ -	$ -	$ 149	$ 447	$ 745	$ 1,328	$ 2,198	$ 3,068	$ 4,371	$ 6,109	$ 7,847	$ 26,262
5.c.	Jurisdictional Demand Revenue Requirements		$ -	$ -	$ -	$ 138	$ 414	$ 689	$ 1,229	$ 2,034	$ 2,839	$ 4,044	$ 5,653	$ 7,261	$ 24,300
5.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	Retail Jurisdictional Factors														
6.a.	Distribution Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
6.b.	Transmission Demand Jurisdictional Factor		0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	
6.c.	Distribution Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
6.d.	Transmission Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
7	Total of Capital Investment Programs		$ 214,170	$ 276,881	$ 347,571	$ 434,522	$ 517,238	$ 591,978	$ 677,294	$ 749,837	$ 823,277	$ 902,405	$ 976,514	$ 1,038,479	$ 7,550,166
7.a.	Jurisdictional Distribution Demand Revenue Requirements		$ 152,084	$ 204,246	$ 264,566	$ 340,683	$ 411,378	$ 475,391	$ 545,724	$ 602,864	$ 664,090	$ 727,704	$ 789,310	$ 842,798	$ 6,020,838
7.b.	Jurisdictional Transmission Demand Revenue Requirements		$ 57,448	$ 67,209	$ 76,804	$ 86,828	$ 97,951	$ 107,877	$ 121,741	$ 135,993	$ 147,294	$ 161,649	$ 173,218	$ 181,062	$ 1,415,075
7.c.	Total Jurisdictional Demand Revenue Requirements		$ 209,532	$ 271,455	$ 341,370	$ 427,511	$ 509,329	$ 583,268	$ 667,465	$ 738,857	$ 811,384	$ 889,353	$ 962,528	$ 1,023,860	$ 7,435,913
			-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
Jurisdictional Energy and Demand Revenue Requirements are calculated on the detailed 3P tabs.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 3
WITNESS: ROCHE
PAGE 5 OF 21
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
January 2021 to December 2021

Return on Capital Investments, Depreciation and Taxes
For Program: Distribution Lateral Undergrounding
(in Dollars)

Line	Description	Beginning of Period Amount	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	2021 October	2021 November	2021 December	2021 TOTAL
1.	Investments														
	a. Expenditures/Additions		$6,782,717	$6,911,282	$6,862,955	$6,781,763	$6,870,733	$6,880,143	$6,912,150	$7,363,423	$7,401,741	$7,649,654	$7,262,243	$6,422,899	$84,101,703
	b. Clearings to Plant		$0	$69,948	$11,539,087	$5,234,144	$3,569,434	$7,873,088	$5,698,957	$4,972,711	$5,587,837	$6,524,407	$4,333,730	$22,962,439	$78,365,783
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base	$1,418,599	1,418,599	1,488,547	13,027,634	18,261,778	21,831,213	29,704,300	35,403,258	40,375,969	45,963,806	52,488,213	56,821,943	79,784,382	
3.	Less: Net Accumulated Depreciation	0	(1,466)	(2,932)	(4,470)	(17,932)	(36,802)	(59,361)	(90,056)	(126,639)	(168,361)	(215,857)	(270,095)	(328,811)	
4.	CWIP - Non-Interest Bearing	7,668,081	14,450,797	21,292,132	16,615,999	18,163,618	21,464,916	20,471,972	21,685,164	24,075,876	25,889,780	27,015,027	29,943,540	13,404,001	
5.	Net Investment (Lines 2 + 3 + 4)	$9,086,680	15,867,931	22,777,747	29,639,164	36,407,464	43,259,327	50,116,911	56,998,367	64,325,207	71,685,226	79,287,384	86,495,389	92,859,572	
6.	Average Net Investment		12,477,305	19,322,839	26,208,455	33,023,314	39,833,395	46,688,119	53,557,639	60,661,787	68,005,216	75,486,305	82,891,386	89,677,480	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		63,874	98,918	134,168	169,055	203,917	239,008	274,175	310,543	348,136	386,433	424,342	459,081	3,111,650
	b. Debt Component Grossed Up For Taxes (B)		18,006	27,884	37,821	47,655	57,483	67,375	77,288	87,540	98,137	108,933	119,619	129,412	877,153
			81,880	126,802	171,989	216,710	261,400	306,383	351,463	398,083	446,273	495,366	543,961	588,493	3,988,803
8.	Investment Expenses														
	a. Depreciation (C)		3,547	3,547	3,721	32,569	45,654	54,578	74,261	88,508	100,940	114,910	131,221	142,055	795,510
	b. Depreciation Savings (D)		(2,081)	(2,081)	(2,183)	(19,107)	(26,784)	(32,019)	(43,566)	(51,925)	(59,218)	(67,414)	(76,983)	(83,339)	(466,699)
	c. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Property Taxes (E)		2,081	2,081	2,081	2,081	2,081	2,081	2,081	2,081	2,081	2,081	2,081	2,076	24,967
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		85,427	130,349	175,608	232,253	282,351	331,023	384,238	436,747	490,076	544,943	600,280	649,285	4,342,580
	a. Recoverable Costs Allocated to Demand		85,427	130,349	175,608	232,253	282,351	331,023	384,238	436,747	490,076	544,943	600,280	649,285	4,342,580
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Distribution Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Distribution Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)		85,427	130,349	175,608	232,253	282,351	331,023	384,238	436,747	490,076	544,943	600,280	649,285	4,342,580
13.	Retail Distribution Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$85,427	$130,349	$175,608	$232,253	$282,351	$331,023	$384,238	$436,747	$490,076	$544,943	$600,280	$649,285	$4,342,580

Notes:
(A) Line 6 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.7317% x 1/12 (Jan-Dec)
(C) Applicable depreciation group for additions is 367.0 and applicable depreciation rate is 3.0%
(D) Applicable depreciation group for retirements is 364.0 and applicable depreciation savings rate is 4.4%
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 3
WITNESS: ROCHE
PAGE 6 OF 21
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
January 2021 to December 2021

Return on Capital Investments, Depreciation and Taxes
For Program: Transmission Asset Upgrades
(in Dollars)

Line	Description	Beginning of Period Amount	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	2021 October	2021 November	2021 December	2021 TOTAL
1.	Investments														
	a. Expenditures/Additions		$1,071,720	$1,077,000	$1,077,000	$1,303,620	$1,209,120	$1,495,320	$1,495,320	$1,495,320	$1,525,020	$1,248,720	$1,077,000	$1,077,000	$15,152,160
	b. Clearings to Plant		$1,333,000	$1,268,500	$1,118,000	$1,350,150	$644,100	$1,775,200	$1,836,380	$627,340	$1,997,100	$1,276,140	$0	$1,653,250	$14,879,160
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base	$5,004,398	6,337,398	7,605,898	8,723,898	10,074,048	10,718,148	12,493,348	14,329,728	14,957,068	16,954,168	18,230,308	18,230,308	19,883,558	
3.	Less: Net Accumulated Depreciation	($39,735)	(53,247)	(70,358)	(90,894)	(114,448)	(141,648)	(170,587)	(204,319)	(243,010)	(283,394)	(329,170)	(378,392)	(427,614)	
4.	CWIP - Non-Interest Bearing	$798,550	537,270	345,770	304,770	258,240	823,260	543,380	202,320	1,070,300	598,220	570,800	1,647,800	1,071,550	
5.	Net Investment (Lines 2 + 3 + 4)	$5,763,213	6,821,421	7,881,310	8,937,774	10,217,839	11,399,760	12,866,141	14,327,728	15,784,358	17,268,994	18,471,938	19,499,716	20,527,494	
6.	Average Net Investment		6,292,317	7,351,365	8,409,542	9,577,807	10,808,799	12,132,950	13,596,934	15,056,043	16,526,676	17,870,466	18,985,827	20,013,605	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		32,212	37,633	43,051	49,031	55,333	62,112	69,606	77,076	84,604	91,483	97,193	102,455	801,789
	b. Debt Component Grossed Up For Taxes (B)		9,080	10,609	12,136	13,822	15,598	17,509	19,622	21,727	23,849	25,789	27,398	28,881	226,020
			41,292	48,242	55,187	62,853	70,931	79,621	89,228	98,803	108,453	117,272	124,591	131,336	1,027,809
8.	Investment Expenses														
	a. Depreciation (C)		15,013	19,012	22,818	26,172	30,222	32,154	37,480	42,989	44,871	50,863	54,691	54,691	430,976
	b. Depreciation Savings (D)		(1,501)	(1,901)	(2,282)	(2,617)	(3,022)	(3,215)	(3,748)	(4,299)	(4,487)	(5,086)	(5,469)	(5,469)	(43,098)
	c. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Property Taxes (E)		7,282	7,282	7,282	7,282	7,282	7,282	7,282	7,282	7,282	7,282	7,282	7,276	87,378
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		62,086	72,635	83,005	93,690	105,413	115,842	130,242	144,775	156,119	170,330	181,095	187,834	1,503,066
	a. Recoverable Costs Allocated to Demand		62,086	72,635	83,005	93,690	105,413	115,842	130,242	144,775	156,119	170,330	181,095	187,834	1,503,066
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Transmission Demand Jurisdictional Factor		0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	
11.	Transmission Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Transmission Demand-Related Recoverable Costs (F)		57,448	67,209	76,804	86,691	97,538	107,188	120,512	133,959	144,456	157,605	167,566	173,801	1,390,775
13.	Retail Transmission Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$57,448	$67,209	$76,804	$86,691	$97,538	$107,188	$120,512	$133,959	$144,456	$157,605	$167,566	$173,801	$1,390,775

Notes:
(A) Line 6 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.7317% x 1/12 (Jan-Dec)
(C) Applicable depreciation group for additions is 355.0 and applicable depreciation rate is 3.6%
(D) Applicable depreciation group for retirements is 355.0 and applicable depreciation savings rate is 3.6%
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 3
WITNESS: ROCHE
PAGE 7 OF 21
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
January 2021 to December 2021

Return on Capital Investments, Depreciation and Taxes
For Program: Substation Extreme Weather Protection
(in Dollars)

Line	Description	Beginning of Period Amount	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	2021 October	2021 November	2021 December	2021 TOTAL
1.	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base	$0	0	0	0	0	0	0	0	0	0	0	0	0	
3.	Less: Net Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	$0	0	0	0	0	0	0	0	0	0	0	0	0	
6.	Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Debt Component Grossed Up For Taxes (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
8.	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Depreciation Savings (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Property Taxes (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
	a. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Distribution Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Distribution Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Distribution Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

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Notes:

(A) Line 6 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.7317% x 1/12 (Jan-Dec)
(C) Applicable depreciation group for additions is 362.0 and applicable depreciation rate is 2.4%
(D) No retirements are anticipated for this program
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 3
WITNESS: ROCHE
PAGE 8 OF 21
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
January 2021 to December 2021

Return on Capital Investments, Depreciation and Taxes
For Program: Distribution Overhead Feeder Hardening
(in Dollars)

Line	Description	Beginning of Period Amount	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	2021 October	2021 November	2021 December	2021 TOTAL
1.	Investments														
	a. Expenditures/Additions		$648,679	$1,585,307	$3,031,556	$2,930,259	$1,761,722	$1,134,861	$719,848	$721,749	$785,625	$864,130	$612,283	$538,441	$15,334,461
	b. Clearings to Plant		$0	$0	$0	$2,412,724	$2,718,756	$5,104,963	$62,734	$1,454,012	$1,638,559	$778,340	$455,826	$367,705	$14,993,619
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	$6,156,888	6,156,888	6,156,888	6,156,888	8,569,612	11,288,368	16,393,331	16,456,065	17,910,077	19,548,635	20,326,975	20,782,802	21,150,507	
3.	Less: Net Accumulated Depreciation	0	(13,545)	(27,090)	(40,635)	(54,181)	(73,034)	(97,868)	(133,934)	(170,137)	(209,539)	(252,546)	(297,265)	(342,988)	
4.	CWIP - Non-Interest Bearing	242,868	891,547	2,476,855	5,508,411	6,025,946	5,068,912	1,098,810	1,755,925	1,023,661	170,728	256,518	412,975	583,711	
5.	Net Investment (Lines 2 + 3 + 4)	$6,399,756	7,034,890	8,606,653	11,624,663	14,541,378	16,284,246	17,394,273	18,078,056	18,763,601	19,509,824	20,330,947	20,898,511	21,391,230	
6.	Average Net Investment		6,717,323	7,820,771	10,115,658	13,083,020	15,412,812	16,839,260	17,736,164	18,420,828	19,136,713	19,920,386	20,614,729	21,144,870	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		34,388	40,036	51,785	66,975	78,902	86,204	90,796	94,301	97,966	101,977	105,532	108,246	957,108
	b. Debt Component Grossed Up For Taxes (B)		9,694	11,286	14,598	18,880	22,242	24,300	25,595	26,583	27,616	28,747	29,749	30,514	269,804
			44,082	51,322	66,383	85,855	101,144	110,504	116,391	120,884	125,582	130,724	135,281	138,760	1,226,912
8.	Investment Expenses														
	a. Depreciation (C)		22,575	22,575	22,575	22,575	31,422	41,391	60,109	60,339	65,670	71,678	74,532	76,204	571,646
	b. Depreciation Savings (D)		(9,030)	(9,030)	(9,030)	(9,030)	(12,569)	(16,556)	(24,044)	(24,136)	(26,268)	(28,671)	(29,813)	(30,481)	(228,658)
	c. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Property Taxes (E)		9,030	9,030	9,030	9,030	9,030	9,030	9,030	9,030	9,030	9,030	9,030	9,031	108,361
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		66,657	73,897	88,958	108,430	129,027	144,368	161,486	166,117	174,014	182,761	189,030	193,513	1,678,258
	a. Recoverable Costs Allocated to Demand		66,657	73,897	88,958	108,430	129,027	144,368	161,486	166,117	174,014	182,761	189,030	193,513	1,678,258
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Distribution Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Distribution Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)		66,657	73,897	88,958	108,430	129,027	144,368	161,486	166,117	174,014	182,761	189,030	193,513	1,678,258
13.	Retail Distribution Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$66,657	$73,897	$88,958	$108,430	$129,027	$144,368	$161,486	$166,117	$174,014	$182,761	$189,030	$193,513	$1,678,258

Notes:
(A) Line 6 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.7317% x 1/12 (Jan-Dec)
(C) Applicable depreciation group for additions is 364.0 and applicable depreciation rate is 4.4%
(D) Applicable depreciation group for retirements is 364.0 and applicable depreciation savings rate is 4.4%
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 3
WITNESS: ROCHE
PAGE 9 OF 21
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
January 2021 to December 2021

Return on Capital Investments, Depreciation and Taxes
For Program: Transmission Access Enhancements
(in Dollars)

Line	Description	Beginning of Period Amount	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	2021 October	2021 November	2021 December	2021 TOTAL
1.	Investments														
	a. Expenditures/Additions		$0	$0	$0	$45,385	$45,385	$45,385	$132,508	$132,508	$132,508	$264,819	$264,819	$264,819	$1,328,137
	b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base	$0	0	0	0	0	0	0	0	0	0	0	0	0	
3.	Less: Net Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	CWIP - Non-Interest Bearing	0	0	0	0	45,385	90,770	136,155	268,664	401,172	533,680	798,499	1,063,318	1,328,137	
5.	Net Investment (Lines 2 + 3 + 4)	$0	0	0	0	45,385	90,770	136,155	268,664	401,172	533,680	798,499	1,063,318	1,328,137	
6.	Average Net Investment		0	0	0	22,693	68,078	113,463	202,409	334,918	467,426	666,090	930,908	1,195,727	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		0	0	0	116	349	581	1,036	1,715	2,393	3,410	4,766	6,121	20,487
	b. Debt Component Grossed Up For Taxes (B)		0	0	0	33	98	164	292	483	675	961	1,343	1,726	5,775
			0	0	0	149	447	745	1,328	2,198	3,068	4,371	6,109	7,847	26,262
8.	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Depreciation Savings (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Property Taxes (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	149	447	745	1,328	2,198	3,068	4,371	6,109	7,847	26,262
	a. Recoverable Costs Allocated to Demand		0	0	0	149	447	745	1,328	2,198	3,068	4,371	6,109	7,847	26,262
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Transmission Demand Jurisdictional Factor		0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	
11.	Transmission Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Transmission Demand-Related Recoverable Costs (F)		0	0	0	138	414	689	1,229	2,034	2,839	4,044	5,653	7,261	24,300
13.	Retail Transmission Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$0	$0	$0	$138	$414	$689	$1,229	$2,034	$2,839	$4,044	$5,653	$7,261	$24,300

Notes:
(A) Line 6 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.7317% x 1/12 (Jan-Dec)
(C) Applicable depreciation group for additions is 359.0 and applicable depreciation rate is 1.5%
(D) No retirements are anticipated for this program
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 3
WITNESS: ROCHE
PAGE 10 OF 21
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
Projected Period: January through December 2021
Project Listing by Each Capital Program

Line		Capital Activities	T or D
1	Distribution Lateral Undergrounding Program		
	1.1	LUG PCA 13961.92829453	D
	1.2	LUG PCA 13724.90911087	D
	1.3	LUG PCA 13146.10629014	D
	1.4	LUG WHA 13972.92421291	D
	1.5	LUG WHA 13312.60182741	D
	1.6	LUG WHA 13972.90241880	D
	1.7	LUG PCA 13961.92820848	D
	1.8	LUG PCA 13961.60193482	D
	1.9	LUG PCA 13785.10676209	D
	1.10	LUG PCA 13462.60458175	D
	1.11	LUG PCA 14121.93159006	D
	1.12	LUG PCA 13462.60180762	D
	1.13	LUG PCA 13462.91407512	D
	1.14	LUG PCA 13390.10643541	D
	1.15	LUG PCA 13120.60015632	D
	1.16	LUG PCA 13785.92466250	D
	1.17	LUG CSA 14040.10786382	D
	1.18	LUG CSA 13840.93019714	D
	1.19	LUG CSA 14040.10786374	D
	1.20	LUG CSA 13836.91406672	D
	1.21	LUG DCA 13815.92407065	D
	1.22	LUG DCA 13815.90288627	D
	1.23	LUG DCA 13815.93026469	D
	1.24	LUG CSA 13183.60036344	D
	1.25	LUG CSA 13205.60059346	D
	1.26	LUG CSA 13934.10467606	D
	1.27	LUG CSA 13633.92740152	D
	1.28	LUG CSA 13592.10402239	D
	1.29	LUG CSA 13351.93283733	D
	1.30	LUG CSA 13099.90882614	D
	1.31	LUG CSA 13093.91004837	D
	1.32	LUG CSA 13630.10429536	D
	1.33	LUG CSA 13205.90998414	D
	1.34	LUG CSA 13948.91837409	D
	1.35	LUG CSA 13093.91004843	D
	1.36	LUG CSA 13836.91377944	D
	1.37	LUG CSA 13102.60123654	D
	1.38	LUG CSA 13158.92874802	D
	1.39	LUG CSA 13176.10375134	D
	1.40	LUG CSA 13107.10376173	D
	1.41	LUG CSA 13057.10121709	D
	1.42	LUG CSA 13418.92357188	D
	1.43	LUG CSA 13592.91213055	D
	1.44	LUG CSA 13100.91340554	D
	1.45	LUG CSA 13715.90737020	D
	1.46	LUG CSA 13176.91029163	D
	1.47	LUG CSA 13835.60131429	D
	1.48	LUG CSA 13593.93057902	D
	1.49	LUG CSA 13105.10580678	D
	1.50	LUG CSA 13188.10655453	D
	1.51	LUG CSA 13592.10402259	D
	1.52	LUG CSA 13948.10442385	D
	1.53	LUG ESA 13710.92881445	D
	1.54	LUG ESA 13509.60287236	D
	1.55	LUG SHA 13897.10933151	D
	1.56	LUG ESA 13174.10913196	D
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1.385	LUG WSA 13864.10310497	D
1.386	LUG WSA 13586.92442286	D
1.387	LUG WSA 13672.91971930	D
1.388	LUG WSA 13192.90932283	D
1.389	LUG WSA 13678.10254063	D
1.390	LUG WSA 13141.10147344	D
1.391	LUG WSA 13756.10589587	D
1.392	LUG WSA 13864.10310505	D
1.393	LUG WSA 13860.10307212	D
1.394	LUG WSA 13111.60072751	D
1.395	LUG WSA 13605.90427351	D
1.396	LUG WSA 13333.10007588	D
1.397	LUG WSA 13164.90252716	D
1.398	LUG WSA 13491.91827162	D
1.399	LUG WSA 13113.90422522	D
1.400	LUG WSA 13756.10589595	D
1.401	LUG WSA 13586.10255333	D
1.402	LUG WSA 13428.90423835	D
1.403	LUG WSA 13113.60340774	D
1.404	LUG WSA 13141.91575422	D
1.405	LUG WSA 13678.90514672	D
1.406	LUG WSA 13164.10158912	D
1.407	LUG WSA 13586.10255361	D
1.408	LUG WSA 13544.10053269	D
1.409	LUG WSA 13864.60380454	D
1.410	LUG WSA 13141.92442350	D
1.411	LUG WSA 13141.10147371	D
1.412	LUG WSA 13678.10288738	D
1.413	LUG WSA 13612.90440184	D
1.414	LUG WSA 13533.91957169	D
1.415	LUG WSA 14030.60131389	D
1.416	LUG WSA 13865.90531031	D
1.417	LUG WSA 13535.92983670	D
1.418	LUG WSA 13589.93177909	D
1.419	LUG WSA 13522.91934653	D
1.420	LUG WSA 13522.10392924	D
1.421	LUG WSA 13737.10297943	D
1.422	LUG WSA 14030.90886759	D
1.423	LUG WSA 13207.90147316	D
1.424	LUG WSA 13207.90216846	D
1.425	LUG WSA 13059.60302601	D
1.426	LUG WSA 13738.10298299	D
1.427	LUG WSA 13059.93006225	D
1.428	LUG WSA 13207.90146892	D
1.429	LUG WSA 13162.10158434	D
1.430	LUG WSA 13079.60077605	D
1.431	LUG WSA 13870.90428273	D
1.432	LUG WSA 13737.91960399	D
1.433	LUG WSA 13674.10277747	D
1.434	LUG WSA 13078.10127958	D
1.435	LUG WSA 13162.60154843	D
1.436	LUG WSA 13510.10218990	D
1.437	LUG WSA 13669.60107076	D
1.438	LUG WSA 14030.90242104	D
1.439	LUG WSA 13873.60311122	D
1.440	LUG WSA 13207.90613782	D
1.441	LUG WSA 13612.90266817	D
1.442	LUG WSA 13208.92767537	D
1.443	LUG WSA 13737.60311396	D
1.444	LUG WSA 13198.92655424	D
1.445	LUG WSA 13514.10624934	D
1.446	LUG WSA 13535.92959083	D
1.447	LUG WSA 13669.92774744	D
1.448	LUG WSA 13483.60393455	D
1.449	LUG WSA 13520.10242257	D

1.450	LUG WSA 13892.10338448	D
1.451	LUG WSA 13612.90312305	D
1.452	LUG WSA 13522.91947423	D
1.453	LUG WSA 13334.91645657	D
1.454	LUG WSA 13490.92815117	D
1.455	LUG WSA 13522.10392902	D
1.456	LUG WSA 14030.60341032	D
1.457	LUG WSA 13574.10250638	D
1.458	LUG WSA 13138.10145602	D
1.459	LUG WSA 13220.10191173	D
1.460	LUG WSA 13612.60022877	D
1.461	LUG WSA 13220.90901917	D
1.462	LUG WSA 13535.92983661	D
1.463	LUG WSA 13535.91618829	D
1.464	LUG WSA 13669.92770538	D
1.465	LUG WSA 13208.90449608	D
1.466	LUG WSA 13079.60104344	D
1.467	LUG WSA 13575.90054924	D
1.468	LUG WSA 13750.60110680	D
1.469	LUG WSA 13198.10051875	D
1.470	LUG WSA 13612.92956326	D
1.471	LUG WSA 13514.91361858	D
1.472	LUG WSA 13522.10392905	D
1.473	LUG WSA 14030.92669942	D
1.474	LUG WSA 13483.10173513	D
1.475	LUG WSA 13612.60003135	D
1.476	LUG WSA 13071.93035682	D
1.477	LUG WSA 13522.92169062	D
1.478	LUG WSA 13575.90054386	D
1.479	LUG WSA 13522.10392882	D
1.480	LUG WSA 13198.10051851	D
1.481	LUG WSA 14030.92670479	D
1.482	LUG WSA 13522.10392874	D
1.483	LUG WSA 13162.93124277	D
1.484	LUG WSA 13535.92969194	D
1.485	LUG WSA 13198.10051896	D
1.486	LUG WSA 13109.10846390	D
1.487	LUG WSA 13612.60002970	D
1.488	LUG WSA 14030.60125643	D
1.489	LUG WSA 14030.92669080	D
1.490	LUG WSA 13071.92377934	D
1.491	LUG WSA 13138.60170460	D
1.492	LUG WSA 13483.60079455	D
1.493	LUG WSA 13535.92952190	D
1.494	LUG WSA 13198.10051852	D
1.495	LUG WSA 13162.90435139	D
1.496	LUG WSA 13873.10820612	D
1.497	LUG WSA 13138.10145618	D
1.498	LUG WSA 13737.90740214	D
1.499	LUG WSA 13138.10145629	D
1.500	LUG WSA 13737.90740699	D
1.501	LUG WSA 13079.90517178	D
1.502	LUG WSA 13078.10127955	D
1.503	LUG WSA 14030.92669557	D
1.504	LUG WSA 13522.10392864	D
1.505	LUG WSA 13674.90420693	D
1.506	LUG WSA 13612.90291123	D
1.507	LUG WSA 13109.60233901	D
1.508	LUG WSA 13737.10297934	D
1.509	LUG WSA 13589.93162023	D
1.510	LUG WSA 13198.92585443	D
1.511	LUG WSA 14030.92669914	D
1.512	LUG WSA 13612.90312570	D
1.513	LUG WSA 13138.10145606	D
1.514	LUG WSA 14030.92669923	D

	1.515	LUG WSA 13522.60305728	D
	1.516	LUG WSA 13522.60305720	D
2	Transmission Asset Upgrades Program		
	2.1	SPP TAU - Circuit 230008	T
	2.2	SPP TAU - Circuit 230010	T
	2.3	SPP TAU - Circuit 230038	T
	2.4	SPP TAU - Circuit 230003	T
	2.5	SPP TAU - Circuit 230005	T
	2.6	SPP TAU - Circuit 230004	T
	2.7	SPP TAU - Circuit 230625	T
	2.8	SPP TAU - Circuit 230021	T
	2.9	SPP TAU - Circuit 230052	T
	2.10	SPP TAU - Circuit 66024	T
	2.11	SPP TAU - Circuit 230608	T
	2.12	SPP TAU - Circuit 230603	T
	2.13	SPP TAU - Circuit 66407	T
	2.14	SPP TAU - Circuit 66033	T
	2.15	SPP TAU - Circuit 66016	T
	2.16	SPP TAU - Circuit 66427	T
	2.17	SPP TAU - Circuit 66415	T
	2.18	SPP TAU - Circuit 66834	T
	2.19	SPP TAU - Circuit 66022	T
	2.20	SPP TAU - Circuit 66060	T
	2.21	SPP TAU - Circuit 66048	T
	2.22	SPP TAU - Circuit 66031	T
	2.23	SPP TAU - Circuit 66036	T
	2.24	SPP TAU - Circuit 230402	T
	2.25	SPP TAU - Circuit 230401	T
	2.26	SPP TAU - Circuit 230602	T
	2.27	SPP TAU - Circuit 230012	T
	2.28	SPP TAU - Circuit 230606	T
	2.29	SPP TAU - Circuit 230033	T
	2.30	SPP TAU - Circuit 230609	T
	2.31	SPP TAU - Circuit 230013	T
	2.32	SPP TAU - Circuit 66030	T
	2.33	SPP TAU - Circuit 66025	T
	2.34	SPP TAU - Circuit 66020	T
	2.35	SPP TAU - Circuit 66027	T
	2.36	SPP TAU - Circuit 66008	T
	2.37	SPP TAU - Circuit 66001	T
3	Substation Extreme Weather Program		
	3.1	none	D
4	Distribution Overhead Feeder Hardening Program		
	4.1	SPP FH - 13461	D
	4.2	SPP FH - 14121	D
	4.3	SPP FH - 13939	D
	4.4	SPP FH - 13890	D
	4.5	SPP FH - 13443	D
	4.6	SPP FH - 13227	D
	4.7	SPP FH - 13462	D
	4.8	SPP FH - 13633	D
	4.9	SPP FH - 13148	D
	4.10	SPP FH - 13048	D
	4.11	SPP FH - 13094	D
	4.12	SPP FH - 13770	D
	4.13	SPP FH - 13118	D
	4.14	SPP FH - 13296	D
	4.15	SPP FH - 13989	D
	4.16	SPP FH - 13984	D
	4.17	SPP FH - 14123	D
	4.18	SPP FH - 13101	D
	4.19	SPP FH - 13104	D

4.20	SPP FH - 13111	D
4.21	SPP FH - 13309	D
4.22	SPP FH - 13313	D
4.23	SPP FH - 13314	D
4.24	SPP FH - 13339	D
4.25	SPP FH - 13433	D
4.26	SPP FH - 13808	D
4.27	SPP FH - 13964	D

5 Transmission Access Enhancement Program

5.1	SPP TXE - Site Access-230008	T
5.2	SPP TXE - Site Access-230623	T
5.3	SPP TXE - Site Access-Proposed Bridge P	T
5.4	SPP TXE - Site Access-Hampton Substation	T
5.5	SPP TXE - Site Access-230033	T
5.6	SPP TXE - Site Access-Morris Bridge Rd	T
5.7	SPP TXE - Site Access-66007	T
5.8	SPP TXE - Site Access-230037	T
5.9	SPP TXE - Site Access-66839	T
5.10	SPP TXE - Site Access-230606	T
5.11	SPP TXE - Site Access-Columbus Drive #2	T
5.12	SPP TXE - Site Access-West Of Forbes Rd	T
5.13	SPP TXE - Site Access-Columbus Drive #1	T
5.14	SPP TXE - Site Access-Tampa Palms #1	T
5.15	SPP TXE - Site Access-19th Av NE	T
5.16	SPP TXE - Site Access-East Of Sydney Washer Rd	T
5.17	SPP TXE - Site Access-Tampa Palms #3	T
5.18	SPP TXE - Site Access-Proposed Bridge M	T

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
Projected Period: January through December 2021

Form 7P
Page 1 of 1

Approved Capital Structure and Cost Rates
(in Dollars)

	(1) Jurisdictional Rate Base *2021 Adj. FESR* ($000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	$ 2,505,932	35.87%	4.33%	1.5517%
Short Term Debt	152,497	2.18%	2.50%	0.0546%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	89,536	1.28%	2.43%	0.0311%
Common Equity	3,076,748	44.04%	10.25%	4.5140%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	969,489	13.88%	0.00%	0.0000%
Deferred ITC - Weighted Cost	192,214	2.75%	7.46%	0.2051%
Total	$ 6,986,416	100.00%		6.36%

ITC split between Debt and Equity:

Long Term Debt	$ 2,505,932	Long Term Debt	46.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	3,076,748	Equity - Common	54.00%
Total	$ 5,582,680	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = 0.2051% * 46.00%	0.0943%
Equity = 0.2051% * 54.00%	0.1108%
Weighted Cost	0.2051%

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.5140%
Deferred ITC - Weighted Cost	0.1108%
	4.6248%
Times Tax Multiplier	1.32830
Total Equity Component	6.1431%

Total Debt Cost Rate:

Long Term Debt	1.5517%
Short Term Debt	0.0546%
Customer Deposits	0.0311%
Deferred ITC - Weighted Cost	0.0943%
Total Debt Component	1.7317%
	7.8748%

Notes:
Column (1) - Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
Column (2) - Column (1) / Total Column (1)
Column (3) - Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology..
Column (4) - Column (2) x Column (3)

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Calculation of Current Period Actual/Estimated Amount
Current Period: January through December 2020

Summary of Current Period Estimated True-Up
(in Dollars)

Line		Period Amount
1.	Over/(Under) Recovery for the Current Period (Form 2E, Line 5)	$ (5,978,656)
2.	Interest Provision (Form 2E, Line 6)	$ (8,040)
3.	Sum of Prior Period Adjustments (Form 2E, Line 10)	$ -
4.	Prior Period True-Up Amount to be Refunded/(Recovered) in the Projection Period January - December 2021 (Lines 1 + 2 + 3)	$ (5,986,696)

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 4
WITNESS: ROCHE
PAGE 1 OF 16
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Calculation of Current Period Actual/Estimated Amount
Current Period: January through December 2020

Calculation of True-Up Amount
(in Dollars)

Line		Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Clause Revenues (net of Revenue Taxes)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2.	True-Up Provision	0	0	0	0	0	0	0	0	0	0	0	0	0
3.	Clause Revenues Applicable to Period (Lines 1 + 2)	0	0	0	0	0	0	0	0	0	0	0	0	0
4.	Jurisdictional SPPCRC Costs													
	a. O&M Activities (Form 5E, Line 13) (A)	111,566	14,183	467,638	400,504	644,584	414,448	896,948	492,050	726,641	782,818	290,567	323,139	5,565,085
	b. Capital Investment Projects (Form 7E, Line 7.c.)	0	0	0	4	105	1,073	8,427	26,223	48,785	80,031	111,218	137,706	413,571
	c. Total Jurisdictional SPPCRC Costs	111,566	14,183	467,638	400,508	644,689	415,521	905,374	518,273	775,426	862,848	401,784	460,846	5,978,656
5.	Over/Under Recovery (Line 3 - Line 4c)	(111,566)	(14,183)	(467,638)	(400,508)	(644,689)	(415,521)	(905,374)	(518,273)	(775,426)	(862,848)	(401,784)	(460,846)	(5,978,656)
6.	Interest Provision (Form 3E, Line 10)	0	0	0	0	(79)	(148)	(501)	(1,030)	(1,238)	(1,500)	(1,703)	(1,841)	(8,040)
7.	Beginning Balance True-Up & Interest Provision	0	(111,566)	(125,749)	(593,387)	(993,895)	(1,638,663)	(2,054,332)	(2,960,207)	(3,479,510)	(4,256,174)	(5,120,522)	(5,524,009)	0
	a. Deferred True-Up from January to December 2019 (Order No. PSC-20xx-xxxx-FOF-EI)	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	True-Up Collected/(Refunded) (see Line 2)	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	End of Period Total True-Up (Lines 5+6+7+7a+8)	(111,566)	(125,749)	(593,387)	(993,895)	(1,638,663)	(2,054,332)	(2,960,207)	(3,479,510)	(4,256,174)	(5,120,522)	(5,524,009)	(5,986,696)	(5,986,696)
10.	Adjustment to Period True-Up Including Interest	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	End of Period Total True-Up (Lines 9 + 10)	$ (111,566)	$ (125,749)	$ (593,387)	$ (993,895)	$ (1,638,663)	$ (2,054,332)	$ (2,960,207)	$ (3,479,510)	$ (4,256,174)	$ (5,120,522)	$ (5,524,009)	$ (5,986,696)	$ (5,986,696)

Notes:
(A) Included in line 4a above, are costs related to the planning and design of the Storm Protection Plan and its associated projects and activities.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 4
WITNESS: ROCHE
PAGE 2 OF 16
FILED: 07/24/2020

Tampa Electric Company Form 3E

Storm Protection Plan Cost Recovery Clause
Calculation of Current Period Actual/Estimated Amount
Current Period: January through December 2020

Calculation of Interest Provision for True-Up Amount
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1. Beginning True-Up Amount (Form 2E, Line 7+7a+10)	$ -	$ (111,566)	$ (125,749)	$ (593,387)	$ (993,895)	$ (1,638,663)	$ (2,054,332)	$ (2,960,207)	$ (3,479,510)	$ (4,256,174)	$ (5,120,522)	$ (5,524,009)	
2. Ending True-Up Amount Before Interest	(111,566)	(125,749)	(593,387)	(993,895)	(1,638,584)	(2,054,184)	(2,959,706)	(3,478,480)	(4,254,936)	(5,119,022)	(5,522,306)	(5,984,855)	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	(111,566)	(237,315)	(719,136)	(1,587,282)	(2,632,479)	(3,692,847)	(5,014,038)	(6,438,687)	(7,734,446)	(9,375,196)	(10,642,828)	(11,508,864)	
4. Average True-Up Amount (Line 3 x 1/2)	(55,783)	(118,658)	(359,568)	(793,641)	(1,316,240)	(1,846,424)	(2,507,019)	(3,219,344)	(3,867,223)	(4,687,598)	(5,321,414)	(5,754,432)	
5. Interest Rate (First Day of Reporting Business Month)	1.71%	1.64%	1.56%	2.21%	0.06%	0.08%	0.11%	0.38%	0.38%	0.38%	0.38%	0.38%	
6. Interest Rate (First Day of Subsequent Business Month)	1.64%	1.56%	2.21%	0.06%	0.08%	0.11%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	3.35%	3.20%	3.77%	2.27%	0.14%	0.19%	0.49%	0.76%	0.76%	0.76%	0.76%	0.76%	
8. Average Interest Rate (Line 7 x 1/2)	1.675%	1.600%	1.885%	1.135%	0.070%	0.095%	0.245%	0.380%	0.380%	0.380%	0.380%	0.380%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.140%	0.133%	0.157%	0.095%	0.006%	0.008%	0.020%	0.032%	0.032%	0.032%	0.032%	0.032%	
10. Interest Provision for the Month (Line 4 x Line 9)	$ -	$ -	$ -	$ -	$ (79)	$ (148)	$ (501)	$ (1,030)	$ (1,238)	$ (1,500)	$ (1,703)	$ (1,841)	$ (8,040)

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 4
WITNESS: ROCHE
PAGE 3 OF 16
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Calculation of Current Period Actual/Estimated Amount
Current Period: January through December 2020

Calculation of Annual Revenue Requirements for O&M Programs
(in Dollars)

Line	O&M Activities	T/D	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total	Method of Classification Demand	Method of Classification Energy
1.	Vegetation Management O&M Programs																
	1. Distribution Vegetation Management - Planned	D	$ -	$ -	$ -	$ -	$ 1,656,458	$ 1,275,346	$ 1,751,901	$ 1,442,978	$ 1,381,183	$ 1,774,090	$ 1,567,316	$ 1,889,280	$ 12,738,553	100%	0%
	2. Transmission Vegetation Management - Planned	T	$ -	$ -	$ -	$ -	$ 96,954	$ 90,527	$ 106,903	$ 72,675	$ 72,675	$ 13,367	$ 45,868	$ 45,868	$ 544,837	100%	0%
	3. Transmission Vegetation Management - ROW	T	$ -	$ -	$ -	$ -	$ 42,700	$ 36,506	$ 43,081	$ 52,159	$ 52,159	$ 64,039	$ 52,159	$ 64,039	$ 406,842	100%	0%
1.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
1.b.	Subtotal of Vegetation Management Programs		$ -	$ -	$ -	$ -	$ 1,796,112	$ 1,402,378	$ 1,901,885	$ 1,567,812	$ 1,506,017	$ 1,851,496	$ 1,665,343	$ 1,999,187	$ 13,690,231	-	
2.	Asset Upgrade O&M Programs		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -			
	1. Transmission Asset Upgrades	T	$ -	$ -	$ -	$ -	$ -	$ -	$ 29,254	$ 29,348	$ 37,593	$ 25,789	$ 25,572	$ 17,564	$ 165,120	100%	0%
2.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
2.b.	Subtotal of Asset Upgrade O&M Programs		$ -	$ -	$ -	$ -	$ -	$ -	$ 29,254	$ 29,348	$ 37,593	$ 25,789	$ 25,572	$ 17,564	$ 165,120		
3.	Substation Protection O&M Programs																
	1. Substation Extreme Weather Protection	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
3.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
3.b.	Subtotal of Substation Protection O&M Programs		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
4.	Overhead Feeder Hardening Programs																
	1. Distribution Overhead Feeder Hardening	D	$ -	$ -	$ -	$ -	$ 289	$ -	$ -	$ 5,546	$ 29,183	$ 50,641	$ 50,044	$ 40,285	$ 175,988	100%	0%
4.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
4.b.	Subtotal of Vegetation Management O&M Programs		$ -	$ -	$ -	$ -	$ 289	$ -	$ -	$ 5,546	$ 29,183	$ 50,641	$ 50,044	$ 40,285	$ 175,988		
5.	Transmission Access O&M Programs																
	1. Transmission Access Enhancement	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
5.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
5.b.	Subtotal of Transmission Access O&M Programs		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
6.	Infrastructure Inspection O&M Programs																
	1. Distribution Infrastructure Inspections	D	$ -	$ -	$ -	$ -	$ 83,786	$ 56,229	$ 250	$ 250	$ 250	$ 250	$ 250	$ 250	$ 141,515	100%	0%
	2. Transmission Infrastructure Inspections	T	$ -	$ -	$ -	$ -	$ 19,387	$ 25,616	$ 67,255	$ 50,150	$ 114,065	$ 73,150	$ 34,250	$ 35,954	$ 419,827	100%	0%
6.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
6.b.	Subtotal of Infrastructure Inspection O&M Programs		$ -	$ -	$ -	$ -	$ 103,173	$ 81,845	$ 67,505	$ 50,400	$ 114,315	$ 73,400	$ 34,500	$ 36,204	$ 561,341		
7.	Common SPP O&M Programs																
	1. Common O&M (A)	D	$ 111,566	$ 14,183	$ 467,638	$ 400,504	$ 79,892	$ 48,317	$ 45,520	$ 55,220	$ 45,220	$ 57,920	$ 45,220	$ 45,220	$ 1,416,419	100%	0%
7.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
7.b.	Subtotal of Common SPP O&M Programs		$ 111,566	$ 14,183	$ 467,638	$ 400,504	$ 79,892	$ 48,317	$ 45,520	$ 55,220	$ 45,220	$ 57,920	$ 45,220	$ 45,220	$ 1,416,419		
8.	Total of O&M Programs		111,566	14,183	467,638	400,504	1,979,466	1,532,540	2,044,165	1,708,326	1,732,328	2,059,246	1,820,679	2,138,460	16,009,101		
	a. Total Distribution O&M Programs		111,566	14,183	467,638	400,504	1,820,425	1,379,892	1,797,672	1,503,994	1,455,836	1,882,901	1,662,830	1,975,035	14,472,476		
	b. Total Transmission O&M Programs		0	0	0	0	159,041	152,648	246,493	204,332	276,492	176,345	157,849	163,425	1,536,625		
9.	Allocation of O&M Costs																
	a. Distribution O&M Allocated to Demand		111,566	14,183	467,638	400,504	1,820,425	1,379,892	1,797,672	1,503,994	1,455,836	1,882,901	1,662,830	1,975,035	14,472,476		
	b. Transmission O&M Allocated to Demand		0	0	0	0	159,041	152,648	246,493	204,332	276,492	176,345	157,849	163,425	1,536,625		
	c. Distribution O&M Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0		
	d. Transmission O&M Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0		
10.	a. Less 2020 Base Revenue O&M Threshold - Distribution		0	0	0	0	(1,203,233)	(998,795)	(1,079,524)	(1,137,196)	(842,053)	(1,144,186)	(1,374,598)	(1,672,961)	(9,452,547)		
	b. Less 2020 Base Revenue O&M Threshold - Transmission		0	0	0	0	(129,437)	(116,604)	(53,257)	(68,968)	(154,522)	(128,682)	(155,325)	(140,659)	(947,453)		
	c. Total Threshold Amount Removed (B)		0	0	0	0	(1,332,670)	(1,115,399)	(1,132,781)	(1,206,164)	(996,575)	(1,272,868)	(1,529,924)	(1,813,620)	(10,400,000)		
															-		
11.	Retail Jurisdictional Factors																
	a. Distribution Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
	b. Transmission Demand Jurisdictional Factor		0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920			
	c. Distribution Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			
	d. Transmission Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			
12.	Jurisdictional Revenue Requirements																
	a. Jurisdictional Distribution Demand Revenue Requirement		111,566	14,183	467,638	400,504	617,192	381,096.96	718,148	366,798	613,783	738,715	288,232	302,074	5,019,929		
	b. Jurisdictional Transmission Demand Revenue Requirement		-	-	-	-	27,392	33,351.30	178,800	125,251	112,858	44,103	2,335	21,065	545,156		
	c. Jurisdictional Distribution Energy Revenue Requirement		-	-	-	-	-	-	-	-	-	-	-	-	-		
	d. Jurisdictional Transmission Energy Revenue Requirement		-	-	-	-	-	-	-	-	-	-	-	-	-		
13.	Total Jurisdictional O&M Revenue Requirements		111,566	14,183	467,638	400,504	644,584	414,448	896,948	492,050	726,641	782,818	290,567	323,139	5,565,085	-	
							-	-	-	-	-	-	-	-			

Notes:
(A) Included in line 7.1 above, are costs related to the planning and design of the Storm Protection Plan and its associated projects and activities.
(B) As per the Order No. PSC-2020-0224-AS-EI, issued June 30, 2020 - Final Order Approving Settlement Agreement

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 4
WITNESS: ROCHE
PAGE 4 OF 16
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Calculation of Current Period Actual/Estimated Amount
Current Period: January through December 2020
Project Listing by Each O&M Program

Line	O&M Activities	T or D
1.	Vegetation Management O&M Programs	
	1.1 Distribution Vegetation Management - Planned	
	1.1.1 PRE - Dist Line - Tree Trimming - Planned	D
	1.1.2 Dist SPP Supplemental	D
	1.1.3 Dist SPP Mid-Cycle	D
	1.2 Transmission Vegetation Management - Planned	
	1.2.1 PRE - ROW Clearance	T
	1.2.2 PRE - Trans Line - Tree Trimming/Removals - Planned	T
	1.2.3 Trans SPP 69kV Reclamation	T
2.	Asset Upgrade O&M Programs	
	2.1 Transmission Asset Upgrades	
	2.1.1 SPP TAU - Circuit 66654	T
	2.1.2 SPP TAU - Circuit 66840	T
	2.1.3 SPP TAU - Circuit 66007	T
	2.1.4 SPP TAU - Circuit 66019	T
	2.1.5 SPP TAU - Circuit 66425	T
	2.1.6 SPP TAU - Circuit 230403	T
	2.1.7 SPP TAU - Circuit 66413	T
	2.1.8 SPP TAU - Circuit 66046	T
	2.1.9 SPP TAU - Circuit 66059	T
	2.1.10 SPP TAU - Circuit 230008	T
	2.1.11 SPP TAU - Circuit 230010	T
	2.1.12 SPP TAU - Circuit 230038	T
	2.1.13 SPP TAU - Circuit 230003	T
	2.1.14 SPP TAU - Circuit 230005	T
	2.1.15 SPP TAU - Circuit 230004	T
	2.1.16 SPP TAU - Circuit 230625	T
	2.1.17 SPP TAU - Circuit 230021	T
	2.1.18 SPP TAU - Circuit 230052	T
	2.1.19 SPP TAU - Circuit 66024	T
	2.1.20 SPP TAU - Circuit 230608	T
	2.1.21 SPP TAU - Circuit 230603	T
3.	Substation Protection O&M Programs	
	3.1 Substation Extreme Weather Protection	
	3.1.1 none	D
4	Overhead Feeder Hardening O&M Programs	
	4.1 Distribution Overhead Feeder Hardening	
	4.1.1 SPP FH - E Winterhaven 13308	D
	4.1.2 SPP FH - Knights 13807	D
	4.1.3 SPP FH - Knights 13805	D
	4.1.4 SPP FH - Casey Road 13745	D
	4.1.5 SPP FH - Coolidge 13533	D
	4.1.6 SPP FH - 13461	D
	4.1.7 SPP FH - 14121	D
	4.1.8 SPP FH - 13939	D
	4.1.9 SPP FH - 13890	D
	4.1.10 SPP FH - 13443	D
	4.1.11 SPP FH - 13227	D
	4.1.12 SPP FH - 13462	D
	4.1.13 SPP FH - 13633	D
5	Transmission Access O&M Programs	
	5 Transmission Access Enhancement	
	5.1.1 none	T
6	Infrastructure Inspection O&M Programs	
	6 Distribution Infrastructure Inspections	
	6.1.1 PRE - Dist Line - Pole Inspection Program	D
	6 Transmission Infrastructure Inspections	
	6.2.1 PRE - Trans Line - Routine Patrols	T
	6.2.2 PRE - Trans Line - Above-Ground Inspections	T
	6.2.3 PRE - Trans Line - Infared Inspections	T
	6.2.4 PRE - Trans Line - Pole Inspection Program	T
	6.2.5 PRE - Substation - Transmission - Inspection, Test	T
	6.2.6 PRE - Substation - Transmission - Inspect, Test - GSU	T
7	Common SPP O&M Programs	
	7 Common O&M Programs	
	7.1.1 SPP Common O&M - ED	D
	7.1.2 SPP Common O&M - Regulatory	D
	7.1.3 Planning & Admin	D

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Calculation of the Current Period Actual/Estimated Amount
Current Period: January through December 2020

Form 7E
Page 1 of 1

Summary of Monthly Revenue Requirements for Capital Investment Programs
(in Dollars)

Line	Capital Investment Activities	T/D	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Distribution Lateral Undergrounding Program	D	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,452	$ 11,025	$ 19,699	$ 29,787	$ 41,576	$ 53,455	$ 158,994
1.a.	Adjustments	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1.b.	Subtotal of Distribution Lateral Undergrounding Program	D	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,452	$ 11,025	$ 19,699	$ 29,787	$ 41,576	$ 53,455	$ 158,994
1.c.	Jurisdictional Demand Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ 3,452	$ 11,025	$ 19,699	$ 29,787	$ 41,576	$ 53,455	$ 158,994
1.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2	Transmission Asset Upgrades Program	T	$ -	$ -	$ -	$ 4	$ 66	$ 977	$ 5,052	$ 14,472	$ 22,724	$ 33,306	$ 41,819	$ 49,175	$ 167,595
2.a.	Adjustments	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2.b.	Subtotal of Transmission Asset Upgrades Program	T	$ -	$ -	$ -	$ 4	$ 66	$ 977	$ 5,052	$ 14,472	$ 22,724	$ 33,306	$ 41,819	$ 49,175	$ 167,595
2.c.	Jurisdictional Demand Revenue Requirements		$ -	$ -	$ -	$ 4	$ 61	$ 904	$ 4,675	$ 13,391	$ 21,026	$ 30,818	$ 38,695	$ 45,501	$ 155,074
2.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3	Substation Extreme Weather Program	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.a.	Adjustments	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.b.	Subtotal of Substation Extreme Weather Program	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.c.	b Jurisdictional Demand Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.d.	a Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	Distribution Overhead Feeder Hardening Program	D	$ -	$ -	$ -	$ -	$ 44	$ 169	$ 300	$ 1,807	$ 8,060	$ 19,426	$ 30,947	$ 38,750	$ 99,503
4.a.	Adjustments	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4.b.	Subtotal of Distribution Overhead Feeder Hardening Program	D	$ -	$ -	$ -	$ -	$ 44	$ 169	$ 300	$ 1,807	$ 8,060	$ 19,426	$ 30,947	$ 38,750	$ 99,503
4.c.	Jurisdictional Demand Revenue Requirements		$ -	$ -	$ -	$ -	$ 44	$ 169	$ 300	$ 1,807	$ 8,060	$ 19,426	$ 30,947	$ 38,750	$ 99,503
4.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Transmission Access Enhancement Program	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5.a.	Adjustments	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5.b.	Subtotal of Transmission Access Enhancement Program	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5.c.	Jurisdictional Demand Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	Retail Jurisdictional Factors														
6.a.	Distribution Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
6.b.	Transmission Demand Jurisdictional Factor		0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	
6.c.	Distribution Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
6.d.	Transmission Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
7	Total of Capital Investment Programs		$ -	$ -	$ -	$ 4	$ 110	$ 1,146	$ 8,804	$ 27,304	$ 50,483	$ 82,519	$ 114,342	$ 141,380	$ 426,092
7.a.	Jurisdictional Distribution Demand Revenue Requirements		$ -	$ -	$ -	$ -	$ 44	$ 169	$ 3,752	$ 12,832	$ 27,759	$ 49,213	$ 72,523	$ 92,205	$ 258,497
7.b.	Jurisdictional Transmission Demand Revenue Requirements		$ -	$ -	$ -	$ 4	$ 61	$ 904	$ 4,675	$ 13,391	$ 21,026	$ 30,818	$ 38,695	$ 45,501	$ 155,074
7.c.	Total Jurisdictional Demand Revenue Requirements		$ -	$ -	$ -	$ 4	$ 105	$ 1,073	$ 8,427	$ 26,223	$ 48,785	$ 80,031	$ 111,218	$ 137,706	$ 413,571
			-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
Jurisdictional Energy and Demand Revenue Requirements are calculated on the detailed 7E tabs.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 4
WITNESS: ROCHE
PAGE 6 OF 16
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Calculation of the Current Period Actual/Estimated Amount
January 2020 to December 2020

Return on Capital Investments, Depreciation and Taxes
For Program: Distribution Lateral Undergrounding
(in Dollars)

Line	Description	Beginning of Period Amount	2020 January	2020 February	2020 March	2020 April	2020 May	2020 June	2020 July	2020 August	2020 September	2020 October	2020 November	2020 December	2020 TOTAL
1.	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$1,061,948	$1,267,585	$1,400,368	$1,702,714	$1,923,774	$1,730,291	$9,086,680
	b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,418,599	$1,418,599
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base	$0	0	0	0	0	0	0	0	0	0	0	0	1,418,599	
3.	Less: Net Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	1,061,948	2,329,533	3,729,901	5,432,615	7,356,389	7,668,081	
5.	Net Investment (Lines 2 + 3 + 4)	$0	0	0	0	0	0	0	1,061,948	2,329,533	3,729,901	5,432,615	7,356,389	9,086,680	
														-	
6.	Average Net Investment		0	0	0	0	0	0	530,974	1,695,741	3,029,717	4,581,258	6,394,502	8,221,535	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		0	0	0	0	0	0	2,659	8,492	15,173	22,943	32,024	41,173	122,464
	b. Debt Component Grossed Up For Taxes (B)		0	0	0	0	0	0	793	2,533	4,526	6,844	9,552	12,282	36,530
			0	0	0	0	0	0	3,452	11,025	19,699	29,787	41,576	53,455	158,994
8.	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Depreciation Savings (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Property Taxes (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	3,452	11,025	19,699	29,787	41,576	53,455	158,994
	a. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	3,452	11,025	19,699	29,787	41,576	53,455	158,994
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Distribution Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Distribution Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	3,452	11,025	19,699	29,787	41,576	53,455	158,994
13.	Retail Distribution Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$0	$0	$0	$0	$0	$0	$3,452	$11,025	$19,699	$29,787	$41,576	$53,455	$158,994
															-

Notes:

(A) Line 6 x 5.9635% x 1/12 (Jan-Jun) and Line 6 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.7369% x 1/12 (Jan-Jun) and Line 6 x 1.7926% x 1/12 (Jul-Dec).
(C) Applicable depreciation group for additions is 367.0 and applicable depreciation rate is 3.0%
(D) Applicable depreciation group for retirements is 364.0 and applicable depreciation savings rate is 4.4%
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 4
WITNESS: ROCHE
PAGE 7 OF 16
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Calculation of the Current Period Actual/Estimated Amount
January 2020 to December 2020

Return on Capital Investments, Depreciation and Taxes
For Program: Transmission Asset Upgrades
(in Dollars)

Line	Description	Beginning of Period Amount	2020 January	2020 February	2020 March	2020 April	2020 May	2020 June	2020 July	2020 August	2020 September	2020 October	2020 November	2020 December	2020 TOTAL
1.	Investments														
	a. Expenditures/Additions		$0	$0	$0	$1,360	$17,764	$266,399	$982,915	$948,240	$1,241,600	$897,000	$877,920	$569,750	$5,802,948
	b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$1,167,526	$428,260	$1,359,526	$1,038,369	$1,010,716	$0	$5,004,398
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base	$0	0	0	0	0	0	0	1,167,526	1,595,786	2,955,312	3,993,682	5,004,398	5,004,398	
3.	Less: Net Accumulated Depreciation	0	0	0	0	0	0	0	0	(3,152)	(7,461)	(15,440)	(26,223)	(39,735)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	1,360	19,124	285,523	100,911	620,891	502,966	361,596	228,800	798,550	
5.	Net Investment (Lines 2 + 3 + 4)	$0	0	0	0	1,360	19,124	285,523	1,268,438	2,213,526	3,450,817	4,339,838	5,206,975	5,763,213	
6.	Average Net Investment		0	0	0	680	10,242	152,324	776,981	1,740,982	2,832,171	3,895,327	4,773,406	5,485,094	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		0	0	0	3	51	757	3,891	8,719	14,184	19,508	23,905	27,469	98,487
	b. Debt Component Grossed Up For Taxes (B)		0	0	0	1	15	220	1,161	2,601	4,231	5,819	7,131	8,194	29,373
			0	0	0	4	66	977	5,052	11,320	18,415	25,327	31,036	35,663	127,860
8.	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	0	3,503	4,787	8,866	11,981	15,013	44,150
	b. Depreciation Savings (D)		0	0	0	0	0	0	0	(350)	(479)	(887)	(1,198)	(1,501)	(4,415)
	c. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Property Taxes (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	4	66	977	5,052	14,472	22,724	33,306	41,819	49,175	167,595
	a. Recoverable Costs Allocated to Demand		0	0	0	4	66	977	5,052	14,472	22,724	33,306	41,819	49,175	167,595
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Transmission Demand Jurisdictional Factor		0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	
11.	Transmission Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)		0	0	0	4	61	904	4,675	13,391	21,026	30,818	38,695	45,501	155,074
13.	Retail Distribution Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$0	$0	$0	$4	$61	$904	$4,675	$13,391	$21,026	$30,818	$38,695	$45,501	$155,074

Notes:

(A) Line 6 x 5.9635% x 1/12 (Jan-Jun) and Line 6 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.7369% x 1/12 (Jan-Jun) and Line 6 x 1.7926% x 1/12 (Jul-Dec).
(C) Applicable depreciation group for additions is 355.0 and applicable depreciation rate is 3.6%
(D) Applicable depreciation group for retirements is 355.0 and applicable depreciation savings rate is 3.6%
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 4
WITNESS: ROCHE
PAGE 8 OF 16
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Calculation of the Current Period Actual/Estimated Amount
January 2020 to December 2020

Return on Capital Investments, Depreciation and Taxes
For Program: Substation Extreme Weather Protection
(in Dollars)

Line	Description	Beginning of Period Amount	2020 January	2020 February	2020 March	2020 April	2020 May	2020 June	2020 July	2020 August	2020 September	2020 October	2020 November	2020 December	2020 TOTAL
1.	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base	$0	0	0	0	0	0	0	0	0	0	0	0	0	
3.	Less: Net Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	$0	0	0	0	0	0	0	0	0	0	0	0	0	
														-	
6.	Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Debt Component Grossed Up For Taxes (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
8.	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Depreciation Savings (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Property Taxes (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
	a. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Distribution Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Distribution Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Distribution Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
															-

Notes:

(A) Line 6 x 5.9635% x 1/12 (Jan-Jun) and Line 6 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.7369% x 1/12 (Jan-Jun) and Line 6 x 1.7926% x 1/12 (Jul-Dec).
(C) Applicable depreciation group for additions is 362.0 and applicable depreciation rate is 2.4%
(D) No retirements are anticipated for this program
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 4
WITNESS: ROCHE
PAGE 9 OF 16
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Calculation of the Current Period Actual/Estimated Amount
January 2020 to December 2020

Return on Capital Investments, Depreciation and Taxes
For Program: Distribution Overhead Feeder Hardening
(in Dollars)

Line	Description	Beginning of Period Amount	2020 January	2020 February	2020 March	2020 April	2020 May	2020 June	2020 July	2020 August	2020 September	2020 October	2020 November	2020 December	2020 TOTAL
1.	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$13,653	$25,482	$14,000	$449,802	$1,473,194	$2,023,263	$1,520,662	$879,700	$6,399,756
	b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$6,156,888	$6,156,888
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	$0	0	0	0	0	0	0	0	0	0	0	0	6,156,888	
3.	Less: Net Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	13,653	39,135	53,135	502,937	1,976,131	3,999,394	5,520,056	242,868	
5.	Net Investment (Lines 2 + 3 + 4)	$0	0	0	0	0	13,653	39,135	53,135	502,937	1,976,131	3,999,394	5,520,056	6,399,756	
6.	Average Net Investment		0	0	0	0	6,826	26,394	46,135	278,036	1,239,534	2,987,762	4,759,725	5,959,906	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		0	0	0	0	34	131	231	1,392	6,208	14,963	23,837	29,847	76,643
	b. Debt Component Grossed Up For Taxes (B)		0	0	0	0	10	38	69	415	1,852	4,463	7,110	8,903	22,860
			0	0	0	0	44	169	300	1,807	8,060	19,426	30,947	38,750	99,503
8.	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Depreciation Savings (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Property Taxes (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
	a. Recoverable Costs Allocated to Demand		0	0	0	0	44	169	300	1,807	8,060	19,426	30,947	38,750	99,503
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Distribution Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Distribution Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)		0	0	0	0	44	169	300	1,807	8,060	19,426	30,947	38,750	99,503
13.	Retail Distribution Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$0	$0	$0	$0	$44	$169	$300	$1,807	$8,060	$19,426	$30,947	$38,750	$99,503

Notes:
(A) Line 6 x 5.9635% x 1/12 (Jan-Jun) and Line 6 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.7369% x 1/12 (Jan-Jun) and Line 6 x 1.7926% x 1/12 (Jul-Dec).
(C) Applicable depreciation group for additions is 364.0 and applicable depreciation rate is 4.4%
(D) Applicable depreciation group for retirements is 364.0 and applicable depreciation savings rate is 4.4%
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 4
WITNESS: ROCHE
PAGE 10 OF 16
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Calculation of the Current Period Actual/Estimated Amount
January 2020 to December 2020

Return on Capital Investments, Depreciation and Taxes
For Program: Transmission Access Enhancements
(in Dollars)

Line	Description	Beginning of Period Amount	2020 January	2020 February	2020 March	2020 April	2020 May	2020 June	2020 July	2020 August	2020 September	2020 October	2020 November	2020 December	2020 TOTAL
1.	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base	$0	0	0	0	0	0	0	0	0	0	0	0	0	
3.	Less: Net Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	$0	0	0	0	0	0	0	0	0	0	0	0	0	
6.	Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Debt Component Grossed Up For Taxes (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
8.	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Depreciation Savings (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Property Taxes (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
	a. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Transmission Demand Jurisdictional Factor		0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	0.9252920	
11.	Transmission Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Distribution Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Notes:
(A) Line 6 x 5.9635% x 1/12 (Jan-Jun) and Line 6 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.7369% x 1/12 (Jan-Jun) and Line 6 x 1.7926% x 1/12 (Jul-Dec).
(C) Applicable depreciation group for additions is 359.0 and applicable depreciation rate is 1.5%
(D) No retirements are anticipated for this program
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. MRR-1
DOCUMENT NO. 4
WITNESS: ROCHE
PAGE 11 OF 16
FILED: 07/24/2020

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Calculation of Current Period Actual/Estimated Amount
Current Period: January through December 2020
Project Listing by Each Capital Program

Line	Capital Activities	Revenue Requirement	T or D
1.	Distribution Lateral Undergrounding Program		
1.1	LUG PCA 13390.92599119		D
1.2	LUG PCA 13961.92829453		D
1.3	LUG PCA 13724.90911087		D
1.4	LUG PCA 13146.10629014		D
1.5	LUG WHA 13972.92421291		D
1.6	LUG WHA 13312.60182741		D
1.7	LUG WHA 13972.90241880		D
1.8	LUG PCA 13961.92820848		D
1.9	LUG PCA 13961.60193482		D
1.10	LUG PCA 13785.10676209		D
1.11	LUG PCA 13462.60458175		D
1.12	LUG PCA 14121.93159006		D
1.13	LUG PCA 13462.60180762		D
1.14	LUG PCA 13462.91407512		D
1.15	LUG PCA 13390.10643541		D
1.16	LUG PCA 13120.60015632		D
1.17	LUG PCA 13785.92466250		D
1.18	LUG CSA 14040.10786382		D
1.19	LUG CSA 13840.93019714		D
1.20	LUG CSA 14040.10786374		D
1.21	LUG CSA 13836.91406672		D
1.22	LUG DCA 13815.92407065		D
1.23	LUG DCA 13815.90288627		D
1.24	LUG DCA 13815.93026469		D
1.25	LUG CSA 13183.60036344		D
1.26	LUG CSA 13205.60059346		D
1.27	LUG CSA 13934.10467606		D
1.28	LUG CSA 13633.92740152		D
1.29	LUG CSA 13592.10402239		D
1.30	LUG CSA 13351.93283733		D
1.31	LUG CSA 13099.90882614		D
1.32	LUG CSA 13093.91004837		D
1.33	LUG CSA 13630.10429536		D
1.34	LUG CSA 13205.90998414		D
1.35	LUG CSA 13948.91837409		D
1.36	LUG CSA 13093.91004843		D
1.37	LUG CSA 13836.91377944		D
1.38	LUG CSA 13102.60123654		D
1.39	LUG CSA 13158.92874802		D
1.40	LUG CSA 13176.10375134		D
1.41	LUG CSA 13107.10376173		D
1.42	LUG CSA 13057.10121709		D
1.43	LUG CSA 13418.92357188		D
1.44	LUG CSA 13592.91213055		D
1.45	LUG CSA 13100.91340554		D
1.46	LUG CSA 13715.90737020		D
1.47	LUG CSA 13176.91029163		D
1.48	LUG CSA 13835.60131429		D
1.49	LUG CSA 13593.93057902		D
1.50	LUG CSA 13105.10580678		D
1.51	LUG CSA 13188.10655453		D
1.52	LUG CSA 13592.10402259		D
1.53	LUG CSA 13948.10442385		D
1.54	LUG ESA 13174.60588225		D
1.55	LUG ESA 13454.90755954		D
1.56	LUG ESA 13174.60451701		D
1.57	LUG ESA 13710.92881445		D
1.58	LUG ESA 13509.60287236		D
1.59	LUG SHA 13897.10933151		D
1.60	LUG ESA 13174.10913196		D
1.61	LUG ESA 13171.90598389		D
1.62	LUG ESA 13211.60044019		D
1.63	LUG ESA 13231.10868138		D
1.64	LUG ESA 13230.10471354		D
1.65	LUG ESA 13502.92679861		D
1.66	LUG ESA 13796.10842826		D
1.67	LUG ESA 13454.60140423		D
1.68	LUG ESA 13509.10501132		D
1.69	LUG ESA 13433.10466911		D
1.70	LUG ESA 13230.92208546		D
1.71	LUG ESA 13171.93104605		D
1.72	LUG ESA 13509.90504849		D
1.73	LUG ESA 13502.92573944		D
1.74	LUG ESA 13799.60395568		D

1.75	LUG ESA 13226.10462583	D
1.76	LUG ESA 14116.60140011	D
1.77	LUG ESA 13797.93188519	D
1.78	LUG ESA 13226.92664597	D
1.79	LUG ESA 13796.92728705	D
1.80	LUG ESA 13230.60258173	D
1.81	LUG ESA 13171.90374558	D
1.82	LUG ESA 13796.92884623	D
1.83	LUG ESA 13502.92577310	D
1.84	LUG ESA 13225.60139973	D
1.85	LUG ESA 13796.10842823	D
1.86	LUG ESA 13226.92670950	D
1.87	LUG ESA 13226.92665539	D
1.88	LUG ESA 13883.91179506	D
1.89	LUG ESA 13509.91772133	D
1.90	LUG ESA 13509.10501150	D
1.91	LUG ESA 13454.90429155	D
1.92	LUG ESA 13454.90397369	D
1.93	LUG ESA 13454.10472634	D
1.94	LUG ESA 13433.93369551	D
1.95	LUG ESA 13174.92555763	D
1.96	LUG ESA 13883.92008787	D
1.97	LUG ESA 13230.92180224	D
1.98	LUG WSA 14032.10820614	D
1.99	LUG WSA 13071.90738378	D
1.100	LUG WSA 14032.92634300	D
1.101	LUG WSA 13071.91245761	D
1.102	LUG WSA 14032.91487301	D
1.103	LUG WSA 14032.10339836	D
1.104	LUG WSA 14032.92803239	D
1.105	LUG WSA 13071.91432110	D
1.106	LUG WSA 13071.91432109	D
1.107	LUG WSA 14032.92729035	D
1.108	LUG WSA 13198.92183966	D
1.109	LUG WSA 13678.90514649	D
1.110	LUG WSA 13425.10244449	D
1.111	LUG WSA 13670.93124410	D
1.112	LUG WSA 13428.91540495	D
1.113	LUG WSA 13332.91335523	D
1.114	LUG WSA 13544.10053266	D
1.115	LUG WSA 13109.90641822	D
1.116	LUG WSA 13747.10299739	D
1.117	LUG WSA 13756.60165357	D
1.118	LUG WSA 13491.10230118	D
1.119	LUG WSA 13141.92630916	D
1.120	LUG WSA 13673.10277744	D
1.121	LUG WSA 13138.60079254	D
1.122	LUG WSA 13141.92442349	D
1.123	LUG WSA 13333.10007582	D
1.124	LUG WSA 13586.92298267	D
1.125	LUG WSA 13138.10145625	D
1.126	LUG WSA 13140.10013916	D
1.127	LUG WSA 13113.90796385	D
1.128	LUG WSA 13138.10145628	D
1.129	LUG WSA 13164.10158909	D
1.130	LUG WSA 13140.91873275	D
1.131	LUG WSA 13605.91052996	D
1.132	LUG WSA 13071.60170422	D
1.133	LUG WSA 13111.92999604	D
1.134	LUG WSA 13586.60303627	D

2. Transmission Asset Upgrades Program

2.1	SPP TAU - Circuit 66654	T
2.2	SPP TAU - Circuit 66840	T
2.3	SPP TAU - Circuit 66007	T
2.4	SPP TAU - Circuit 66019	T
2.5	SPP TAU - Circuit 66425	T
2.6	SPP TAU - Circuit 230403	T
2.7	SPP TAU - Circuit 66413	T
2.8	SPP TAU - Circuit 66046	T
2.9	SPP TAU - Circuit 66059	T
2.10	SPP TAU - Circuit 230008	T
2.11	SPP TAU - Circuit 230010	T
2.12	SPP TAU - Circuit 230038	T
2.13	SPP TAU - Circuit 230003	T
2.14	SPP TAU - Circuit 230005	T
2.15	SPP TAU - Circuit 230004	T
2.16	SPP TAU - Circuit 230625	T
2.17	SPP TAU - Circuit 230021	T
2.18	SPP TAU - Circuit 230052	T
2.19	SPP TAU - Circuit 66024	T
2.20	SPP TAU - Circuit 230608	T
2.21	SPP TAU - Circuit 230603	T

3.	Substation Extreme Weather Program		
	3.1	none	D
4	Distribution Overhead Feeder Hardening Program		
	4.1	SPP FH - E Winterhaven 13308	D
	4.2	SPP FH - Knights 13807	D
	4.3	SPP FH - Knights 13805	D
	4.4	SPP FH - Casey Road 13745	D
	4.5	SPP FH - Coolidge 13533	D
	4.6	SPP FH - 13461	D
	4.7	SPP FH - 14121	D
	4.8	SPP FH - 13939	D
	4.9	SPP FH - 13890	D
	4.10	SPP FH - 13443	D
	4.11	SPP FH - 13227	D
	4.12	SPP FH - 13462	D
	4.13	SPP FH - 13633	D
5.	Transmission Access Enhancement Program		
	5.1	none	T

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Calculation of the Current Period Actual/Estimated Amount
Current Period: January through June 2020

Approved Capital Structure and Cost Rates
(in Dollars)

	(1) Jurisdictional Rate Base 2019 May SR ($000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	$ 1,897,597	31.57%	4.89%	1.5435%
Short Term Debt	211,895	3.52%	2.97%	0.1047%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	94,966	1.58%	2.38%	0.0376%
Common Equity	2,598,065	43.22%	10.25%	4.4297%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	1,125,550	18.72%	0.00%	0.0000%
Deferred ITC - Weighted Cost	83,633	1.39%	7.98%	0.1110%
Total	$ 6,011,707	100.00%		6.23%

ITC split between Debt and Equity:

Long Term Debt	$ 1,897,597	Long Term Debt	46.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	2,598,065	Equity - Common	54.00%
Total	$ 4,495,662	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = 0.1110% * 46.00%	0.0511%
Equity = 0.1110% * 54.00%	0.0599%
Weighted Cost	0.1110%

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.4297%
Deferred ITC - Weighted Cost	0.0599%
	4.4896%
Times Tax Multiplier	1.32830
Total Equity Component	5.9635%

Total Debt Cost Rate:

Long Term Debt	1.5435%
Short Term Debt	0.1047%
Customer Deposits	0.0376%
Deferred ITC - Weighted Cost	0.0511%
Total Debt Component	1.7369%
	7.7004%

Notes:
Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
Column (2) - Column (1) / Total Column (1)
Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
Column (4) - Column (2) x Column (3)

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Calculation of the Current Period Actual/Estimated Amount
Current Period: July through December 2020

Approved Capital Structure and Cost Rates
(in Dollars)

	(1) Jurisdictional Rate Base 2020 May SR ($000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	$ 2,209,385	33.98%	4.71%	1.6003%
Short Term Debt	196,185	3.02%	2.19%	0.0661%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	93,706	1.44%	2.36%	0.0340%
Common Equity	2,801,776	43.08%	10.25%	4.4160%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	1,034,859	15.91%	0.00%	0.0000%
Deferred ITC - Weighted Cost	166,903	2.57%	7.81%	0.2005%
Total	$ 6,502,815	100.00%		6.32%

ITC split between Debt and Equity:

Long Term Debt	$ 2,209,385	Long Term Debt	46.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	2,801,776	Equity - Common	54.00%
Total	$ 5,011,162	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = 0.2005% * 46.00%	0.0922%
Equity = 0.2005% * 54.00%	0.1083%
Weighted Cost	0.2005%

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.4160%
Deferred ITC - Weighted Cost	0.1083%
	4.5243%
Times Tax Multiplier	1.32830
Total Equity Component	6.0096%

Total Debt Cost Rate:

Long Term Debt	1.6003%
Short Term Debt	0.0661%
Customer Deposits	0.0340%
Deferred ITC - Weighted Cost	0.0922%
Total Debt Component	1.7926%
	7.8022%

Notes:

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
Column (2) - Column (1) / Total Column (1)
Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
Column (4) - Column (2) x Column (3)

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DISTRIBUTION LATERAL UNDERGROUNDING

Program Description: This program will convert existing overhead distribution lateral facilities to underground to increase the resiliency and reliability of the distribution system serving the company's customers.

Program Projections: April 10, 2020 to December 31, 2020
During this period, there are 134 projected projects.

January 1, 2021 to December 31, 2021
During this period, there are 516 projected projects.
Note: 2021 includes 130 projects that will start in 2020.

Program Fiscal Expenditures: April 10, 2020 to December 31, 2020
Expenditures are estimated to be $9.1 million.

January 1, 2021 to December 31, 2021
Expenditures are estimated to be $84.1 million.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: VEGETATION MANAGEMENT (VM)

Program Description: This program consists of the following VM activities and initiatives:
Distribution four-year cycle
Transmission two-year cycle
Initiative 1: Supplemental Distribution Circuit VM
Initiative 2: Mid-Cycle Distribution VM
Initiative 3: 69 kV VM Reclamation

Program Projections: January 1, 2020 to December 31, 2020

Distribution VM:	1,720 miles
Transmission VM:	530 miles

April 10, 2020 to December 31, 2020

Initiative 1:	402.3 miles and 62,332 projected customers
Initiative 2:	0 miles and 0 projected customers
Initiative 3:	0 miles and 0 projected customers

January 1, 2021 to December 31, 2021

Distribution VM:	1,560 miles
Transmission VM:	530 miles
Initiative 1:	510.2 miles and 65,008 projected customers
Initiative 2:	243.1 miles and 95,733 projected customers
Initiative 3:	27 miles and 26,975 projected customers

Program Fiscal Expenditures: April 10, 2020 to December 31, 2020
Expenditures are estimated to be:

Distribution VM:	$9.7 million
Transmission VM:	$0.9 million
Initiative 1:	$2.9 million
Initiative 2:	$0.1 million
Initiative 3:	$0.1 million

Note: These numbers are prior to the $10.4m adjustment as agreed upon in the Tampa Electric Company 2020 settlement.

January 1, 2021 to December 31, 2021
Expenditures are estimated to be:

Distribution VM:	$13.0 million
Transmission VM:	$2.8 million
Initiative 1:	$5.5 million
Initiative 2:	$1.3 million
Initiative 3:	$0.7 million

PROGRAM DESCRIPTION AND PROGRESS

Program Title: TRANSMISSION ASSET UPGRADES

Program Description: This program will proactively and systematically replace the remaining wood transmission poles with non-wood material.

Program Projections: April 10, 2020 to December 31, 2020
During this period, there are 21 projected projects.

January 1, 2021 to December 31, 2021
During this period, there are 37 projected projects.
Note: 2021 includes 13 projects that will start in 2020.

Program Fiscal Expenditures: April 10, 2020 to December 31, 2020
Expenditures are estimated to be $6.0 million.

January 1, 2021 to December 31, 2021
Expenditures are estimated to be $15.6 million.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: SUBSTATION EXTREME WEATHER HARDENING

Program Description: This program will harden and protect the company's substation assets that are vulnerable to flood or storm surge.

Program Projections: April 10, 2020 to December 31, 2020
During this period, there are 0 projected projects.

January 1, 2021 to December 31, 2021
During this period, there is 1 projected project.

Program Fiscal Expenditures: April 10, 2020 to December 31, 2020
Expenditures are estimated to be $0.0 million.

January 1, 2021 to December 31, 2021
Expenditures are estimated to be $0.3 million.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DISTRIBUTION OVERHEAD FEEDER HARDENING

Program Description: This program will include strategies to further enhance the resiliency and reliability of the distribution network by further hardening the grid to minimize interruptions and reduce customer outage counts during extreme weather events and abnormal system conditions.

Program Projections: April 10, 2020 to December 31, 2020
During this period, there are 13 projected projects.

January 1, 2021 to December 31, 2021
During this period, there are 27 projected projects.
Note: 2021 includes 8 projects that will start in 2020.

Program Fiscal Expenditures: April 10, 2020 to December 31, 2020
Expenditures are estimated to be $6.6 million.

January 1, 2021 to December 31, 2021
Expenditures are estimated to be $15.7 million.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: TRANSMISSION ACCESS ENHANCEMENT

Program Description: This program will ensure the company always has access to its transmission facilities so it can promptly restore its transmission system when outages occur.

Program Projections: April 10, 2020 to December 31, 2020
During this period, there are 0 projected projects.

January 1, 2021 to December 31, 2021
During this period, there are 18 projected projects.

Program Fiscal Expenditures: April 10, 2020 to December 31, 2020
Expenditures are estimated to be $0.0 million.

January 1, 2021 to December 31, 2021
Expenditures are estimated to be $1.3 million.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: INFRASTRUCTURE INSPECTIONS

Program Description: This program covers the following infrastructure inspections performed on the company's transmission and distribution system:

- Distribution wood pole
- Distribution groundline
- Transmission wood pole/groundline
- Transmission above ground
- Transmission aerial infrared
- Transmission ground patrol
- Substation
- Joint Use Pole Attachments Audit

Program Projections: January 1, 2020 to December 31, 2020

Distribution wood pole:	22,500 inspections
Distribution groundline:	13,275 inspections
Transmission wood pole/groundline:	702 inspections
Transmission above ground:	2,949 inspections
Transmission aerial infrared:	1,328 inspections
Transmission ground patrol:	25,416 inspections
Substation:	72 inspections

January 1, 2021 to December 31, 2021

Distribution wood pole:	22,500 inspections
Distribution groundline:	13,275 inspections
Transmission wood pole/groundline:	367 inspections
Transmission above ground:	3,895 inspections
Transmission aerial infrared:	1,328 inspections
Transmission ground patrol:	25,416 inspections
Substation:	75 inspections

Program Fiscal Expenditures: April 10, 2020 to December 31, 2020
Expenditures are estimated to be:

Distribution Infrastructure Inspections:	$0.1 million
Transmission Infrastructure Inspections:	$0.4 million

Note 1: These numbers are prior to the $10.4m adjustment as agreed upon in the Tampa Electric Company 2020 settlement.

January 1, 2021 to December 31, 2021
Expenditures are estimated to be:

Distribution Infrastructure Inspections:	$1.0 million
Transmission Infrastructure Inspections:	$0.6 million

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMON EXPENSES

Program Description: These are expenses common to all programs.

Program Projections: N/A

Program Fiscal Expenditures:

January 1, 2020 to December 31, 2020
Expenditures are estimated to be $1.4 million.

January 1, 2021 to December 31, 2021
Expenditures are estimated to be $0.4 million.

EXHIBIT

OF

DAVE L. PLUSQUELLIC

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 15
PARTY: TAMPA ELECTRIC COMPANY – (DIRECT)
DESCRIPTION: David L. Plusquellic DLP-1

Table of Contents

DOCUMENT NO.	TITLE	PAGE
1	Distribution Lateral Undergrounding Program's 2020–2021 Project List and Summary of Costs	45
2	Transmission Asset Upgrades Program's 2020–2021 Project List and Summary of Costs	57
3	Substation Extreme Weather Hardening Program's 2020–2021 Project List and Summary of Costs	58
4	Distribution Overhead Feeder Hardening Program's 2020–2021 Project List and Summary of Costs	59
5	Transmission Access Enhancement Program's 2020–2021 Project List and Summary of Costs	60
6	Vegetation Management Program's 2020–2021 Activities and Summary of Costs	61
7	Infrastructure Inspections Program's 2020-2021 Activities and Summary of Costs	62
8	Common Storm Protection Plan 2020-2021 Activities and Summary of Costs	63

	2020 Cost Estimate	2021 Cost Estimate
Distribution Lateral Undergrounding Program Total	**9,086,680**	**84,101,703**
LUG PCA 13390.92599119	796,475	-
LUG PCA 13961.92829453	49,923	246,167
LUG PCA 13724.90911087	82,900	348,208
LUG PCA 13146.10629014	83,474	536,971
LUG WHA 13972.92421291	71,444	185,831
LUG WHA 13312.60182741	24,435	80,362
LUG WHA 13972.90241880	148,000	560,562
LUG PCA 13961.92820848	81,203	79,467
LUG PCA 13961.60193482	79,163	293,298
LUG PCA 13785.10676209	156,103	493,862
LUG PCA 13462.60458175	108,764	237,141
LUG PCA 14121.93159006	94,132	45,946
LUG PCA 13462.60180762	22,005	147,443
LUG PCA 13462.91407512	46,255	227,521
LUG PCA 13390.10643541	193,242	936,326
LUG PCA 13120.60015632	33,660	116,716
LUG PCA 13785.92466250	119,051	371,032
LUG CSA 14040.10786382	50,384	100,062
LUG CSA 13840.93019714	26,730	21,523
LUG CSA 14040.10786374	59,816	279,540
LUG CSA 13836.91406672	77,422	174,910
LUG DCA 13815.92407065	89,426	245,648
LUG DCA 13815.90288627	209,877	230,933
LUG DCA 13815.93026469	117,836	269,942
LUG CSA 13183.60036344	22,662	67,487
LUG CSA 13205.60059346	41,500	61,774
LUG CSA 13934.10467606	73,128	17,355
LUG CSA 13633.92740152	66,304	128,070
LUG CSA 13592.10402239	39,055	57,251
LUG CSA 13351.93283733	42,287	66,087
LUG CSA 13099.90882614	56,771	125,391
LUG CSA 13093.91004837	44,266	170,877
LUG CSA 13630.10429536	19,618	33,068
LUG CSA 13205.90998414	20,071	44,583
LUG CSA 13948.91837409	34,570	59,710
LUG CSA 13093.91004843	62,072	272,875
LUG CSA 13836.91377944	141,689	326,780
LUG CSA 13102.60123654	45,875	57,559
LUG CSA 13158.92874802	36,000	72,330
LUG CSA 13176.10375134	32,638	129,031
LUG CSA 13107.10376173	105,051	262,810
LUG CSA 13057.10121709	39,409	13,580
LUG CSA 13418.92357188	113,504	369,203
LUG CSA 13592.91213055	65,640	221,537

	2020 Cost Estimate	2021 Cost Estimate
LUG CSA 13100.91340554	99,221	233,640
LUG CSA 13715.90737020	19,707	49,161
LUG CSA 13176.91029163	16,755	35,129
LUG CSA 13835.60131429	65,372	207,866
LUG CSA 13593.93057902	109,604	495,871
LUG CSA 13105.10580678	55,880	206,113
LUG CSA 13188.10655453	29,539	144,273
LUG CSA 13592.10402259	47,861	60,094
LUG CSA 13948.10442385	73,550	249,628
LUG ESA 13174.60588225	129,021	-
LUG ESA 13454.90755954	249,658	-
LUG ESA 13174.60451701	243,444	-
LUG ESA 13710.92881445	148,469	265,506
LUG ESA 13509.60287236	14,520	150,914
LUG SHA 13897.10933151	78,098	819,089
LUG ESA 13174.10913196	21,202	220,960
LUG ESA 13171.90598389	21,314	222,141
LUG ESA 13211.60044019	52,247	548,005
LUG ESA 13231.10868138	53,466	560,796
LUG ESA 13230.10471354	43,823	459,656
LUG ESA 13502.92679861	17,588	182,986
LUG ESA 13796.10842826	15,182	157,800
LUG ESA 13454.60140423	50,746	532,264
LUG ESA 13509.10501132	10,692	112,349
LUG ESA 13433.10466911	70,075	733,147
LUG ESA 13230.92208546	17,257	181,411
LUG ESA 13171.93104605	35,837	377,602
LUG ESA 13509.90504849	95,257	996,558
LUG ESA 13502.92573944	61,461	642,778
LUG ESA 13799.60395568	45,162	475,155
LUG ESA 13226.10462583	12,040	126,519
LUG ESA 14116.60140011	32,440	338,629
LUG ESA 13797.93188519	65,640	684,665
LUG ESA 13226.92664597	30,659	321,463
LUG ESA 13796.92728705	44,850	467,066
LUG ESA 13230.60258173	15,886	163,879
LUG ESA 13171.90374558	58,311	603,744
LUG ESA 13796.92884623	130,381	1,348,427
LUG ESA 13502.92577310	16,430	170,961
LUG ESA 13225.60139973	80,845	836,109
LUG ESA 13796.10842823	44,911	465,069
LUG ESA 13226.92670950	20,216	209,297
LUG ESA 13226.92665539	8,838	91,104
LUG ESA 13883.91179506	7,543	77,753
LUG ESA 13509.91772133	5,200	53,602

	2020 Cost Estimate	2021 Cost Estimate
LUG ESA 13509.10501150	51,013	527,546
LUG ESA 13454.90429155	64,006	662,333
LUG ESA 13454.90397369	49,168	509,034
LUG ESA 13454.10472634	38,503	398,732
LUG ESA 13433.93369551	60,723	628,725
LUG ESA 13174.92555763	2,708	27,893
LUG ESA 13883.92008787	5,874	60,548
LUG ESA 13230.92180224	28,064	290,273
LUG WSA 14032.10820614	50,373	182,279
LUG WSA 13071.90738378	20,699	123,740
LUG WSA 14032.92634300	44,731	351,779
LUG WSA 13071.91245761	40,831	144,330
LUG WSA 14032.91487301	44,385	218,872
LUG WSA 14032.10339836	20,519	102,353
LUG WSA 14032.92803239	38,280	184,072
LUG WSA 13071.91432110	35,791	34,156
LUG WSA 13071.91432109	22,770	145,226
LUG WSA 14032.92729035	57,723	329,290
LUG WSA 13198.92183966	26,579	127,651
LUG WSA 13678.90514649	80,902	391,263
LUG WSA 13425.10244449	110,436	534,756
LUG WSA 13670.93124410	113,251	547,696
LUG WSA 13428.91540495	36,855	178,973
LUG WSA 13332.91335523	46,166	224,189
LUG WSA 13544.10053266	45,928	199,892
LUG WSA 13109.90641822	34,513	239,896
LUG WSA 13747.10299739	15,876	77,057
LUG WSA 13756.60165357	43,077	323,248
LUG WSA 13491.10230118	82,188	219,437
LUG WSA 13141.92630916	64,979	398,153
LUG WSA 13673.10277744	160,607	387,250
LUG WSA 13138.60079254	14,818	148,890
LUG WSA 13141.92442349	64,642	646,504
LUG WSA 13333.10007582	48,952	206,414
LUG WSA 13586.92298267	72,204	298,777
LUG WSA 13138.10145625	48,246	298,319
LUG WSA 13140.10013916	16,545	148,859
LUG WSA 13113.90796385	82,559	362,032
LUG WSA 13138.10145628	48,421	232,971
LUG WSA 13164.10158909	127,434	791,983
LUG WSA 13140.91873275	84,717	522,314
LUG WSA 13605.91052996	53,365	197,018
LUG WSA 13071.60170422	159,183	709,194
LUG WSA 13111.92999604	67,045	194,813
LUG WSA 13586.60303627	171,003	636,882

	2020 Cost Estimate	2021 Cost Estimate
LUG PCA 13785.90239166	-	1,693,427
LUG PCA 13961.10696431	-	156,431
LUG PCA 13961.10696419	-	520,975
LUG PCA 13785.92299245	-	603,560
LUG PCA 13961.92834683	-	417,220
LUG PCA 13462.91412064	-	57,321
LUG PCA 13961.10696486	-	373,732
LUG PCA 13961.91967308	-	494,230
LUG PCA 13961.10696417	-	62,669
LUG WHA 13916.60279623	-	52,027
LUG WHA 13297.10560430	-	288,332
LUG WHA 13314.92426509	-	316,757
LUG WHA 13118.92612349	-	429,940
LUG WHA 13313.90084626	-	88,779
LUG WHA 13699.10637242	-	492,535
LUG WHA 13313.10684614	-	170,096
LUG WHA 13296.92376304	-	244,597
LUG WHA 13313.60568375	-	406,619
LUG WHA 13297.60269456	-	255,711
LUG WHA 13699.10637259	-	62,735
LUG WHA 13473.60168916	-	391,983
LUG WHA 13296.10562356	-	68,253
LUG WHA 13916.92509975	-	290,996
LUG WHA 13297.10560425	-	321,741
LUG WHA 13296.60531111	-	659,226
LUG WHA 13699.10637247	-	69,127
LUG WHA 13473.60168942	-	187,540
LUG WHA 13118.92659353	-	272,194
LUG WHA 13118.10676209	-	715,013
LUG WHA 13699.10637240	-	481,397
LUG WHA 13313.93103371	-	90,127
LUG WHA 13118.92204382	-	408,416
LUG WHA 13118.92659172	-	471,116
LUG WHA 13473.92097460	-	171,085
LUG WHA 13296.90010289	-	882,447
LUG WHA 13313.92097460	-	483,358
LUG WHA 13118.10535999	-	357,163
LUG WHA 13699.60165416	-	248,986
LUG WHA 13916.91386005	-	105,329
LUG WHA 13314.10567076	-	84,634
LUG WHA 13296.10562361	-	44,898
LUG WHA 13297.10560432	-	85,814
LUG WHA 13972.10618037	-	50,155
LUG PCA 13724.10671283	-	75,738
LUG PCA 13722.60360851	-	42,414

	2020 Cost Estimate	2021 Cost Estimate
LUG PCA 13268.91633548	-	177,677
LUG PCA 13724.10671319	-	350,407
LUG PCA 13243.10791853	-	83,855
LUG PCA 13724.10671334	-	114,061
LUG PCA 13243.91351288	-	56,997
LUG PCA 13655.90431393	-	245,290
LUG PCA 13243.90684154	-	45,508
LUG PCA 13268.10705945	-	279,747
LUG PCA 13724.10671229	-	59,327
LUG PCA 13268.92962459	-	86,499
LUG PCA 13724.93103251	-	87,973
LUG PCA 13243.90586047	-	54,784
LUG PCA 13724.91049435	-	397,422
LUG CSA 13205.90929181	-	231,481
LUG CSA 13021.10051153	-	73,992
LUG CSA 13026.60059524	-	191,271
LUG CSA 13835.10429522	-	326,047
LUG CSA 13204.91532149	-	563,584
LUG CSA 13836.91406642	-	103,374
LUG CSA 13099.60563698	-	203,278
LUG CSA 13590.91231633	-	301,130
LUG CSA 13102.91293905	-	175,969
LUG CSA 13104.10362869	-	518,963
LUG CSA 13831.10427677	-	337,110
LUG CSA 14040.60233886	-	51,168
LUG CSA 13939.60144164	-	250,779
LUG CSA 13158.90816343	-	199,568
LUG CSA 13021.60058683	-	278,902
LUG CSA 13158.93317809	-	148,139
LUG CSA 13104.91643108	-	506,035
LUG CSA 13106.91795934	-	690,997
LUG CSA 13835.60314670	-	374,768
LUG CSA 13107.10376186	-	64,031
LUG CSA 13592.91365233	-	309,043
LUG CSA 13993.10372414	-	390,086
LUG CSA 13100.10371703	-	367,082
LUG CSA 13354.10582069	-	178,861
LUG CSA 13418.92292295	-	215,879
LUG CSA 13468.60128378	-	723,680
LUG CSA 13632.60305848	-	429,955
LUG CSA 13104.10362882	-	135,924
LUG CSA 13176.10375148	-	509,452
LUG CSA 13099.60125388	-	235,837
LUG CSA 13102.60123660	-	97,365
LUG CSA 14102.91582612	-	180,748

	2020 Cost Estimate	2021 Cost Estimate
LUG CSA 13468.60128362	-	625,526
LUG CSA 13399.60037987	-	251,666
LUG CSA 13835.91773975	-	235,053
LUG CSA 13418.92018190	-	284,173
LUG CSA 13158.60011810	-	766,131
LUG CSA 13105.10580690	-	475,147
LUG CSA 13205.90022802	-	50,527
LUG CSA 13418.91924595	-	53,918
LUG CSA 13105.60164901	-	28,682
LUG CSA 13934.10467597	-	140,015
LUG CSA 13205.90442230	-	63,078
LUG CSA 13158.92290015	-	15,671
LUG CSA 14040.10786358	-	107,076
LUG CSA 13836.93321406	-	33,288
LUG CSA 13105.10580689	-	32,007
LUG CSA 13107.10376201	-	33,811
LUG CSA 13633.90633859	-	45,349
LUG CSA 13105.10580676	-	33,194
LUG CSA 13836.60133704	-	45,745
LUG CSA 13100.10371697	-	96,201
LUG CSA 13993.10433144	-	29,854
LUG CSA 13939.60144172	-	37,440
LUG CSA 13158.91461782	-	83,725
LUG CSA 13633.91847345	-	21,589
LUG CSA 13934.10467575	-	22,869
LUG CSA 13188.92070695	-	42,521
LUG CSA 13836.60133698	-	111,428
LUG CSA 13948.10442391	-	53,935
LUG CSA 14040.90485522	-	28,195
LUG CSA 13158.92347931	-	73,242
LUG CSA 13633.90564142	-	18,302
LUG DCA 13006.92949400	-	322,088
LUG DCA 13432.10761257	-	303,034
LUG CSA 13826.60127680	-	68,400
LUG CSA 13632.10408290	-	254,929
LUG CSA 13204.60170504	-	95,096
LUG CSA 13176.10375141	-	156,193
LUG CSA 13948.10442379	-	34,508
LUG CSA 13835.10429505	-	50,806
LUG CSA 13026.60059509	-	21,473
LUG CSA 13021.92350282	-	79,547
LUG CSA 13106.10361901	-	187,545
LUG CSA 13468.91640192	-	26,731
LUG CSA 13106.91722510	-	27,154
LUG CSA 13026.60059452	-	40,998

	2020 Cost Estimate	2021 Cost Estimate
LUG CSA 13632.10408272	-	24,533
LUG CSA 13102.90748252	-	58,536
LUG CSA 13093.60029740	-	74,519
LUG CSA 13102.60123656	-	37,302
LUG CSA 13026.60059457	-	52,223
LUG CSA 13099.10368943	-	60,804
LUG CSA 13104.91668251	-	50,834
LUG CSA 13026.91490707	-	71,238
LUG CSA 13176.10375136	-	164,623
LUG CSA 13104.91241032	-	37,734
LUG ESA 13230.10471377	-	544,479
LUG ESA 13509.60346595	-	167,511
LUG ESA 13502.10497396	-	335,609
LUG ESA 13174.93310101	-	49,190
LUG ESA 13796.92356181	-	25,749
LUG ESA 13509.92890860	-	32,564
LUG ESA 13171.10455414	-	57,716
LUG ESA 13230.92496254	-	28,179
LUG ESA 13509.10501141	-	15,912
LUG ESA 13454.91522987	-	4,218
LUG ESA 13509.10501110	-	8,749
LUG ESA 13231.10868120	-	40,497
LUG ESA 13174.10913197	-	7,516
LUG ESA 13225.92750192	-	9,118
LUG ESA 13797.93185703	-	4,347
LUG ESA 14116.91073265	-	9,007
LUG SHA 13900.10717269	-	40,659
LUG SHA 13652.92748361	-	46,366
LUG SHA 13001.93346473	-	78,709
LUG SHA 14022.90591555	-	73,737
LUG SHA 13001.60179144	-	64,897
LUG SHA 13001.10663246	-	48,802
LUG SHA 13645.91519309	-	48,141
LUG SHA 13780.10723993	-	26,264
LUG SHA 13001.92048269	-	23,188
LUG SHA 13001.60179191	-	35,434
LUG SHA 13001.10663240	-	43,942
LUG SHA 13900.92336596	-	44,660
LUG SHA 13645.92207754	-	71,235
LUG SHA 13900.91863298	-	25,911
LUG SHA 13001.10663269	-	11,491
LUG SHA 13001.10663262	-	8,950
LUG SHA 13001.90251758	-	57,316
LUG ESA 13127.90334707	-	35,068
LUG ESA 13229.10457704	-	6,703

	2020 Cost Estimate	2021 Cost Estimate
LUG ESA 13878.10105723	-	30,438
LUG ESA 13911.92679866	-	54,009
LUG ESA 13229.92525393	-	20,900
LUG ESA 13909.92173076	-	30,292
LUG ESA 14355.60258173	-	15,339
LUG ESA 13457.10482593	-	13,314
LUG ESA 13127.90334731	-	42,609
LUG ESA 13906.10096968	-	54,191
LUG ESA 13909.90380435	-	19,538
LUG ESA 13127.10836901	-	43,364
LUG ESA 13906.92282884	-	9,281
LUG ESA 13911.60157737	-	64,078
LUG ESA 13710.92354144	-	27,584
LUG ESA 13793.92685255	-	18,468
LUG ESA 13906.10096960	-	36,624
LUG ESA 13793.92686002	-	22,243
LUG ESA 13686.10840133	-	39,182
LUG ESA 13906.10096964	-	65,757
LUG ESA 13911.90130568	-	83,420
LUG ESA 13911.91276385	-	48,851
LUG ESA 13906.90137810	-	78,008
LUG ESA 13793.92686712	-	4,308
LUG ESA 13127.92663180	-	59,982
LUG ESA 13457.90291488	-	10,568
LUG ESA 13911.10544635	-	22,022
LUG ESA 13911.10544633	-	17,408
LUG ESA 13911.92018843	-	11,858
LUG ESA 13457.90176591	-	30,225
LUG ESA 13911.10554588	-	39,031
LUG ESA 14355.92354352	-	30,923
LUG ESA 13911.91556649	-	49,240
LUG ESA 13793.92686736	-	3,126
LUG ESA 13911.10554595	-	12,649
LUG ESA 13911.91995336	-	29,213
LUG ESA 13127.92661768	-	51,828
LUG ESA 13796.92884644	-	27,696
LUG ESA 13878.10105726	-	52,425
LUG ESA 13454.90188551	-	20,381
LUG ESA 13878.10105717	-	30,359
LUG ESA 13231.10868121	-	26,501
LUG ESA 13911.60157736	-	5,051
LUG ESA 13509.10501133	-	26,667
LUG ESA 13171.10455381	-	12,092
LUG ESA 13878.10105728	-	22,565
LUG ESA 13911.91665193	-	47,643

	2020 Cost Estimate	2021 Cost Estimate
LUG SHA 13003.10895225	-	64,638
LUG SHA 14024.10747874	-	14,634
LUG SHA 13342.91010293	-	34,982
LUG SHA 14020.60223573	-	46,757
LUG SHA 13342.10925094	-	31,803
LUG SHA 14024.90116190	-	12,334
LUG SHA 13817.10722417	-	173,386
LUG SHA 13003.10895211	-	239,763
LUG SHA 13342.90527363	-	15,177
LUG WSA 13605.90568909	-	364,721
LUG WSA 13162.92185426	-	366,501
LUG WSA 13194.90645535	-	855,965
LUG WSA 13079.60077624	-	400,697
LUG WSA 13586.91748729	-	378,612
LUG WSA 13162.10158432	-	151,344
LUG WSA 13864.10310477	-	123,686
LUG WSA 13113.92909503	-	12,623
LUG WSA 13516.60169592	-	45,315
LUG WSA 13192.90932106	-	33,616
LUG WSA 13333.91785740	-	40,502
LUG WSA 13863.60279838	-	81,760
LUG WSA 13109.90643551	-	116,172
LUG WSA 13332.91700188	-	18,851
LUG WSA 13756.90207831	-	65,975
LUG WSA 13672.60106849	-	46,598
LUG WSA 13860.10307215	-	48,576
LUG WSA 13756.60165355	-	14,435
LUG WSA 13672.10493801	-	100,880
LUG WSA 13864.10310468	-	36,647
LUG WSA 13864.10310497	-	26,102
LUG WSA 13586.92442286	-	85,088
LUG WSA 13672.91971930	-	33,879
LUG WSA 13192.90932283	-	26,761
LUG WSA 13678.10254063	-	47,851
LUG WSA 13141.10147344	-	17,137
LUG WSA 13756.10589587	-	24,983
LUG WSA 13864.10310505	-	87,988
LUG WSA 13860.10307212	-	43,896
LUG WSA 13111.60072751	-	35,461
LUG WSA 13605.90427351	-	50,126
LUG WSA 13333.10007588	-	27,842
LUG WSA 13164.90252716	-	37,530
LUG WSA 13491.91827162	-	41,617
LUG WSA 13113.90422522	-	19,111
LUG WSA 13756.10589595	-	43,364

	2020 Cost Estimate	2021 Cost Estimate
LUG WSA 13586.10255333	-	21,153
LUG WSA 13428.90423835	-	45,811
LUG WSA 13113.60340774	-	35,495
LUG WSA 13141.91575422	-	16,610
LUG WSA 13678.90514672	-	93,232
LUG WSA 13164.10158912	-	36,583
LUG WSA 13586.10255361	-	48,909
LUG WSA 13544.10053269	-	28,145
LUG WSA 13864.60380454	-	27,486
LUG WSA 13141.92442350	-	15,259
LUG WSA 13141.10147371	-	81,831
LUG WSA 13678.10288738	-	100,550
LUG WSA 13612.90440184	-	43,865
LUG WSA 13533.91957169	-	42,514
LUG WSA 14030.60131389	-	26,367
LUG WSA 13865.90531031	-	45,910
LUG WSA 13535.92983670	-	37,013
LUG WSA 13589.93177909	-	20,797
LUG WSA 13522.91934653	-	81,860
LUG WSA 13522.10392924	-	20,172
LUG WSA 13737.10297943	-	35,166
LUG WSA 14030.90886759	-	93,594
LUG WSA 13207.90147316	-	35,628
LUG WSA 13207.90216846	-	47,295
LUG WSA 13059.60302601	-	88,220
LUG WSA 13738.10298299	-	54,477
LUG WSA 13059.93006225	-	49,164
LUG WSA 13207.90146892	-	45,935
LUG WSA 13162.10158434	-	66,430
LUG WSA 13079.60077605	-	31,371
LUG WSA 13870.90428273	-	69,890
LUG WSA 13737.91960399	-	75,292
LUG WSA 13674.10277747	-	98,649
LUG WSA 13078.10127958	-	129,644
LUG WSA 13162.60154843	-	46,396
LUG WSA 13510.10218990	-	62,309
LUG WSA 13669.60107076	-	21,320
LUG WSA 14030.90242104	-	13,774
LUG WSA 13873.60311122	-	137,811
LUG WSA 13207.90613782	-	66,066
LUG WSA 13612.90266817	-	36,509
LUG WSA 13208.92767537	-	31,928
LUG WSA 13737.60311396	-	33,411
LUG WSA 13198.92655424	-	16,376
LUG WSA 13514.10624934	-	40,916

	2020 Cost Estimate	2021 Cost Estimate
LUG WSA 13535.92959083	-	17,793
LUG WSA 13669.92774744	-	48,359
LUG WSA 13483.60393455	-	229,675
LUG WSA 13520.10242257	-	78,414
LUG WSA 13892.10338448	-	193,272
LUG WSA 13612.90312305	-	16,508
LUG WSA 13522.91947423	-	91,489
LUG WSA 13334.91645657	-	84,169
LUG WSA 13490.92815117	-	29,081
LUG WSA 13522.10392902	-	115,693
LUG WSA 14030.60341032	-	23,027
LUG WSA 13574.10250638	-	29,706
LUG WSA 13138.10145602	-	38,293
LUG WSA 13220.10191173	-	89,992
LUG WSA 13612.60022877	-	10,640
LUG WSA 13220.90901917	-	85,130
LUG WSA 13535.92983661	-	57,908
LUG WSA 13535.91618829	-	87,294
LUG WSA 13669.92770538	-	52,375
LUG WSA 13208.90449608	-	38,887
LUG WSA 13079.60104344	-	24,510
LUG WSA 13575.90054924	-	18,620
LUG WSA 13750.60110680	-	32,241
LUG WSA 13198.10051875	-	16,910
LUG WSA 13612.92956326	-	40,696
LUG WSA 13514.91361858	-	28,195
LUG WSA 13522.10392905	-	82,457
LUG WSA 14030.92669942	-	96,929
LUG WSA 13483.10173513	-	94,965
LUG WSA 13612.60003135	-	52,723
LUG WSA 13071.93035682	-	110,195
LUG WSA 13522.92169062	-	55,029
LUG WSA 13575.90054386	-	17,661
LUG WSA 13522.10392882	-	119,474
LUG WSA 13198.10051851	-	36,866
LUG WSA 14030.92670479	-	18,909
LUG WSA 13522.10392874	-	27,362
LUG WSA 13162.93124277	-	27,263
LUG WSA 13535.92969194	-	12,729
LUG WSA 13198.10051896	-	23,026
LUG WSA 13109.10846390	-	41,888
LUG WSA 13612.60002970	-	43,109
LUG WSA 14030.60125643	-	15,490
LUG WSA 14030.92669080	-	47,354
LUG WSA 13071.92377934	-	170,781

	2020 Cost Estimate	2021 Cost Estimate
LUG WSA 13138.60170460	-	45,947
LUG WSA 13483.60079455	-	44,497
LUG WSA 13535.92952190	-	44,701
LUG WSA 13198.10051852	-	27,030
LUG WSA 13162.90435139	-	51,765
LUG WSA 13873.10820612	-	17,509
LUG WSA 13138.10145618	-	12,342
LUG WSA 13737.90740214	-	17,590
LUG WSA 13138.10145629	-	21,206
LUG WSA 13737.90740699	-	28,782
LUG WSA 13079.90517178	-	22,544
LUG WSA 13078.10127955	-	31,008
LUG WSA 14030.92669557	-	1,551
LUG WSA 13522.10392864	-	18,427
LUG WSA 13674.90420693	-	56,247
LUG WSA 13612.90291123	-	23,214
LUG WSA 13109.60233901	-	82,204
LUG WSA 13737.10297934	-	34,269
LUG WSA 13589.93162023	-	56,850
LUG WSA 13198.92585443	-	15,596
LUG WSA 14030.92669914	-	35,354
LUG WSA 13612.90312570	-	32,279
LUG WSA 13138.10145606	-	44,537
LUG WSA 14030.92669923	-	36,045
LUG WSA 13522.60305728	-	16,649
LUG WSA 13522.60305720	-	11,910

	2020 Cost Estimate	2021 Cost Estimate
Transmission Asset Upgrades Program Total	**5,682,545**	**15,601,522**
SPP TAU - Circuit 66654	321,606	-
SPP TAU - Circuit 66840	1,087,084	-
SPP TAU - Circuit 66007	1,364,157	-
SPP TAU - Circuit 66019	684,839	-
SPP TAU - Circuit 66425	97,834	-
SPP TAU - Circuit 230403	108,739	-
SPP TAU - Circuit 66413	163,057	-
SPP TAU - Circuit 66046	966,922	-
SPP TAU - Circuit 66059	65,223	-
SPP TAU - Circuit 230008	721,855	585,969
SPP TAU - Circuit 230010	926	43,310
SPP TAU - Circuit 230038	463	21,655
SPP TAU - Circuit 230003	16,203	757,932
SPP TAU - Circuit 230005	11,111	519,725
SPP TAU - Circuit 230004	18,518	866,208
SPP TAU - Circuit 230625	5,555	259,862
SPP TAU - Circuit 230021	7,870	368,138
SPP TAU - Circuit 230052	2,778	194,897
SPP TAU - Circuit 66024	28,548	786,737
SPP TAU - Circuit 230608	7,407	389,793
SPP TAU - Circuit 230603	1,852	263,566
SPP TAU - Circuit 66407	-	978,341
SPP TAU - Circuit 66033	-	847,896
SPP TAU - Circuit 66016	-	1,339,991
SPP TAU - Circuit 66427	-	225,996
SPP TAU - Circuit 66415	-	326,114
SPP TAU - Circuit 66834	-	645,376
SPP TAU - Circuit 66022	-	1,634,135
SPP TAU - Circuit 66060	-	195,668
SPP TAU - Circuit 66048	-	163,057
SPP TAU - Circuit 66031	-	65,223
SPP TAU - Circuit 66036	-	1,004,101
SPP TAU - Circuit 230402	-	308,728
SPP TAU - Circuit 230401	-	1,704,501
SPP TAU - Circuit 230602	-	811,552
SPP TAU - Circuit 230012	-	7,407
SPP TAU - Circuit 230606	-	12,962
SPP TAU - Circuit 230033	-	3,704
SPP TAU - Circuit 230609	-	2,315
SPP TAU - Circuit 230013	-	9,259
SPP TAU - Circuit 66030	-	56,076
SPP TAU - Circuit 66025	-	89,264
SPP TAU - Circuit 66020	-	11,419
SPP TAU - Circuit 66027	-	20,554
SPP TAU - Circuit 66008	-	6,851
SPP TAU - Circuit 66001	-	73,242

	2020 Cost Estimate	2021 Cost Estimate
Substation Extreme Weather Hardening Program Total	**-**	**250,000**
Substation Extreme Weather Protection Study		250,000

	2020 Cost Estimate	2021 Cost Estimate
Distribution Overhead Feeder Hardening Program Total	**6,536,320**	**15,679,652**
SPP FH - E Winterhaven 13308	1,108,255	-
SPP FH - Knights 13807	2,049,907	-
SPP FH - Knights 13805	1,622,865	-
SPP FH - Casey Road 13745	499,187	-
SPP FH - Coolidge 13533	1,001,094	-
SPP FH - 13461	54,878	2,616,405
SPP FH - 14121	15,656	3,800,999
SPP FH - 13939	25,752	1,180,575
SPP FH - 13890	11,979	1,244,198
SPP FH - 13443	32,487	2,401,626
SPP FH - 13227	36,425	1,226,716
SPP FH - 13462	42,512	1,417,924
SPP FH - 13633	35,322	1,493,641
SPP FH - 13101	-	-
SPP FH - 13104	-	-
SPP FH - 13111	-	-
SPP FH - 13309	-	-
SPP FH - 13313	-	-
SPP FH - 13314	-	-
SPP FH - 13339	-	-
SPP FH - 13433	-	-
SPP FH - 13808	-	-
SPP FH - 13964	-	-
SPP FH - 13148	-	297,568
SPP FH - 13048	-	-
SPP FH - 13094	-	-
SPP FH - 13770	-	-
SPP FH - 13118	-	-
SPP FH - 13296	-	-
SPP FH - 13989	-	-
SPP FH - 13984	-	-
SPP FH - 14123	-	-

	2020 Cost Estimate	2021 Cost Estimate
Transmission Access Enhancement Program Total	**-**	**1,328,137**
SPP TXE - Site Access-230008	-	10,710
SPP TXE - Site Access-230623	-	31,442
SPP TXE - Site Access-Proposed Bridge P	-	108,180
SPP TXE - Site Access-Hampton Substation	-	93,677
SPP TXE - Site Access-230033	-	16,547
SPP TXE - Site Access-Morris Bridge Rd	-	92,766
SPP TXE - Site Access-66007	-	20,202
SPP TXE - Site Access-230037	-	22,576
SPP TXE - Site Access-66839	-	40,093
SPP TXE - Site Access-230606	-	26,926
SPP TXE - Site Access-Columbus Drive #2	-	107,152
SPP TXE - Site Access-West Of Forbes Rd	-	96,749
SPP TXE - Site Access-Columbus Drive #1	-	107,152
SPP TXE - Site Access-Tampa Palms #1	-	95,725
SPP TXE - Site Access-19th Av NE	-	84,546
SPP TXE - Site Access-East Of Sydney Washer Rd	-	109,038
SPP TXE - Site Access-Tampa Palms #3	-	108,180
SPP TXE - Site Access-Proposed Bridge M	-	156,474

	2020 Cost Estimate	2021 Cost Estimate
Vegetation Management Program Total	**10,491,741**	**23,326,250**
Distribution SPP Veg Mgmnt Subtotal	**9,806,749**	**19,791,650**
Planned	6,775,318	13,028,364
Supplemental	2,931,431	5,495,330
Mid-cycle	100,000	1,267,956
Transmission SPP Veg Mgmnt Subtotal	**684,992**	**3,534,600**
Planned	257,356	2,839,600
ROW Maintenance (Mowing, etc)	327,636	-
69kv Incremental	100,000	695,000

	2020 Cost Estimate	2021 Cost Estimate
Infrastructure Inspections Program Total	**376,324**	**1,585,030**
Distribution Wood Pole Inspections	1,500	1,003,600
Routine Ground Patrol - Trans	90,000	204,000
Infrared Thermography - Trans	110,000	112,000
Above Ground Inspection - Trans	4,500	10,000
Ground Line Inspections - Trans	60,000	61,000
Substation Inspections	110,324	194,430

	2020 Cost Estimate	2021 Cost Estimate
Common Storm Protection Plan Program Total	**1,384,078**	**402,400**
SPP Common (Internal Labor, material, other, etc.)	354,172	402,400
Accenture	337,002	
1898 & Co.	562,471	
Power Engineers	130,433	

EXHIBIT

OF

A. SLOAN LEWIS

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 16
PARTY: TAMPA ELECTRIC COMPANY – (DIRECT)
DESCRIPTION: A. Sloan Lewis ASL-1

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 17
PARTY: TAMPA ELECTRIC COMPANY – (DIRECT)
DESCRIPTION: A. Sloan Lewis ASL-2

FILED 6/30/2020
DOCUMENT NO. 03438-2020
FPSC - COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition to approve the 2020 settlement agreement by Tampa Electric Company.	DOCKET NO. 20200145-EI
In re: Petition for a limited proceeding to approve fourth SoBRA, by Tampa Electric Company.	DOCKET NO. 20200064-EI
In re: Petition for a limited proceeding to eliminate accumulated amortization reserve surplus for intangible software assets, by Tampa Electric Company.	DOCKET NO. 20200065-EI
In re: Review of 2020-2029 Storm Protection Plan pursuant to Rule 25-6.030, F.A.C., Tampa Electric Company.	DOCKET NO. 20200067-EI
In re: Storm protection plan cost recovery clause.	DOCKET NO. 20200092-EI ORDER NO. PSC-2020-0224-AS-EI ISSUED: June 30, 2020

The following Commissioners participated in the disposition of this matter:

GARY F. CLARK, Chairman
ART GRAHAM
JULIE I. BROWN
DONALD J. POLMANN
ANDREW GILES FAY

APPEARANCES:

JEFFRY WAHLEN, JAMES D. BEASLEY and MALCOLM MEANS, ESQUIRES, Ausley Law Firm, P.O. Box 391, Tallahassee, Florida 32302-0391
On behalf of Tampa Electric Company

J.R. KELLY, PUBLIC COUNSEL, CHARLES REHWINKEL, DEPUTY PUBLIC COUNSEL, and MIREILLE FALL-FRY, ESQUIRES, Office of Public Counsel, c/o The Florida Legislature, 111 W. Madison Street, Room 812, Tallahassee, Florida 32399-1400
On behalf of the Citizen of the State of Florida

JON C. MOYLE, JR. and KAREN A. PUTNAL, ESQUIRES, Moyle Law Firm, P.A., 118 North Gadsden Street, Tallahassee, Florida 32301
On behalf of Florida Industrial Power Users Group

ROBERT SCHEFFEL WRIGHT, ESQUIRE, Gardner, Bist, Bowden, et al., 1300 Thomaswood Drive, Tallahassee, Florida 32308
On behalf of Florida Industrial Power Users Group

THOMAS "DREW" JERNIGAN, AFLOA/JACL-ULFSC, 139 Barnes Drive, Suite 1, Tyndall AFB, Florida 32403
On behalf of Federal Executive Agencies

MARK F. SUNDBACK and WILLIAM M. RAPPOLT, ESQUIRES, 2099 Pennsylvania Ave., Suite 100 Washington DC 20006
On behalf of West Central Florida Hospital Utility Alliance

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On behalf of Walmart

BIANCA LHERISSON and SHAW STILLER, ESQUIRES, Florida Public Service Commission General Counsel's Office, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850
On behalf of Florida Public Service Commission Staff

MARY ANNE HELTON, ESQUIRE, Deputy General Counsel, Florida Public Service Commission, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850
Advisor to the Florida Public Service Commission.

KEITH C. HETRICK, ESQUIRE, General Counsel, Florida Public Service Commission, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850
Florida Public Service Commission General Counsel.

FINAL ORDER APPROVING SETTLEMENT AGREEMENT

BY THE COMMISSION:

Background

On May 4, 2020, Tampa Electric Company (TECO) filed a Motion to Approve 2020 Agreement, attaching the 2020 Settlement Agreement (2020 Agreement). The 2020 Agreement, attached hereto, is signed and executed by TECO, the Office of Public Counsel (OPC), the

Florida Industrial Power Users Group (FIPUG), the Florida Retail Federation (FRF), the Federal Executive Agencies (FEA), and the West Central Florida Hospital Utility Alliance (HUA) (collectively, the Signatories). The 2020 Agreement was filed in Docket Nos. 20200064-EI,[1] 20200065-EI,[2] 20200067-EI,[3] and 20200092-EI[4] because it impacts, in part, all of these dockets. Docket No. 20200145-EI was opened to have one central docket in which to address the 2020 Agreement. The Signatories are deemed parties for purposes of our consideration of the 2020 Agreement.

TECO contends that if the 2020 Agreement is approved, it will establish, as to TECO, a series of stipulations that will reduce the issues to be litigated in Docket Nos. 20200067-EI and 20200092-EI, thereby allowing the Signatories and us to focus on the merits of TECO's Storm Protection Plan and the recovery of the costs associated with that Plan in 2020 and 2021 in Docket No. 20200092-EI. TECO states that if the 2020 Agreement is approved, it will resolve all issues currently pending in Docket No. 20200065-EI, and reduce the issues to be litigated in Docket No. 20200064-EI.

The 2020 Agreement also presents a base rate revenue reduction amount and reflects a determination of certain expenses for which TECO plans to seek cost recovery through the Storm Protection Plan Cost Recovery Clause, Docket No. 20200092-EI. TECO contends that approval of the 2020 Agreement promotes regulatory economy and administrative efficiency, and avoids the time and expense associated with litigating the settled issues in the various existing and continuing Commission dockets.

TECO, with the support of the Signatories, requested an administrative hearing for us to consider the 2020 Agreement. TECO stated that the Signatories to the 2020 Agreement believe that approval of the 2020 Agreement is in the best interests of the customers the Signatories represent, and that the 2020 Agreement in its totality is in the public interest. TECO stated that the Signatories agree that if the 2020 Agreement is approved, then the approval of the 2020 Agreement will resolve specified matters in Docket Nos. 20200064-EI, 20200065-EI, 20200067-EI, and 20200092-EI.

We held an administrative hearing on June 9, 2020. In addition to oral argument by the Signatories, we heard testimony from two TECO witnesses and admitted documentary exhibits into the record, all in support that approval of the 2020 Agreement is in the public interest. As part of this hearing, we provided notice that there was an opportunity for members of the public who wished to testify on this matter to do so either telephonically or by submitting written comments. No requests for public testimony were made, and no written comments were filed. At the conclusion of the evidentiary portion of the hearing, the parties indicated that they were

[1] *In re: Petition for a limited proceeding to approve fourth SoBRA, by Tampa Electric Company.*
[2] *In re: Petition for a limited proceeding to eliminate accumulated amortization reserve surplus for intangible software assets, by Tampa Electric Company.*
[3] *In re: Review of 2020-2029 Storm Protection Plan pursuant to Rule 25-6.030, F.A.C., Tampa Electric Company.*
[4] *In re: Storm protection plan cost recovery clause.*

willing to waive the filing of post-hearing briefs, and we approved the 2020 Agreement, as set forth herein, by bench vote.

The 2020 Settlement Agreement

The 2020 Agreement reduces the scope of potentially litigated issues in three dockets and fully resolves all matters in one docket.

Docket No. 20200064-EI: Petition for a Limited Proceeding to Approve Fourth SoBRA

Section I, paragraphs 1-4

In Docket No. 20200064-EI, a potential issue concerns whether TECO's solar projects qualify for treatment under the Solar Base Rate Adjustment (SoBRA) provisions of its 2017 Amended and Restated Stipulation and Settlement Agreement (2017 Agreement).[5] A requirement for eligibility of a 2021 SoBRA is that the calculation of the actual average installed cost value for the First and Second Solar Base Rate Adjustments (SoBRAs) is below a set threshold of $1,475 per KWac. The provisions of Section I of the 2020 Agreement will resolve how this calculation should occur, and the values to be input will be based on the outcome of pending Docket No. 20200144-EI, Petition to True-up First and Second SoBRAs. TECO's petition and prefiled testimony in Docket No. 20200144-EI purportedly will show that its average cost of the SoBRA projects are at or below the threshold value. In this way, the Signatories assert that approval of the 2020 Agreement potentially simplifies the issues that will be litigated in Docket 2020064-EI.

Docket No. 20200065-EI: Petition to Eliminate Accumulated Amortization Reserve Surplus for Intangible Software Assets

Section II, paragraphs 5-9

TECO is required to record a credit of approximately $16.0 million to amortization expense over 12 months beginning retroactively in January 2020. This is the relief TECO has requested in its revised petition filed in Docket No. 20200065-EI. Furthermore, the Signatories agree that granting TECO's revised petition will not violate the 2017 Agreement or require amendments to the 2017 Agreement. Approval of the 2020 Agreement would therefore grant the relief TECO is now requesting and Docket No. 20200065-EI can be closed.

[5] Order No. PSC-2017-0456-S-EI, issued on November 27, 2017, in Docket Nos. 20170210-EI, *In re: Petition for limited proceeding to approve 2017 amended and restated stipulation and settlement agreement, by Tampa Electric Company*, and 20160160-EI, *In re: Petition for approval of energy transaction optimization mechanism, by Tampa Electric Company*, approving the 2017 Amended and Restated Stipulation and Settlement Agreement (2017 Agreement).

Docket No. 20200067-EI: Review of TECO's 2020-2029 Storm Protection Plan pursuant to Rule 25-6.030, F.A.C.

Section III of the 2020 Agreement discusses the Signatories' agreements pertaining to TECO's Storm Protection Plan (SPP) filings in Docket No. 20200067-EI and TECO's anticipated filings in the Storm Protection Plan Cost Recovery Clause (SPPCRC) Docket No. 20200092-EI.

Section III, paragraph 10

The Signatories agree that TECO will provide project-level details in the SPP docket for years 2020 and 2021. Furthermore, the Vegetation Management Program, Infrastructure Inspection Program, and Legacy Storm Hardening Plan Initiatives Program[6] do not have project components. Similarly, the Signatories agree that TECO's Extreme Weather Hardening Study does not have project components during 2020 and 2021.

Section III, paragraph 15(a)

The Signatories agree that nothing in the 2020 Agreement shall be construed to prevent any party from challenging the reasonableness and/or prudence of all or part of any SPP program or project in any future proceeding, nor limit the amount of allowed discovery as specified in the Order Establishing Procedure for Docket Nos. 20200067-EI or 2020092-EI.

Section III, paragraph 15(c)

The Signatories will meet beginning October 1, 2020, and for a period of up to 60 days, to identify a method to modify the analytical framework TECO used in developing its SPP in Docket No. 20200067-EI. The good faith objective is to establish a unanimous and mutually agreed-upon method consistent with applicable statutes and rules that TECO will use thereafter unless the resulting framework is changed by agreement of the Signatories.

Docket No. 20200092-EI: Storm Protection Plan Cost Recovery Clause

Section III of the 2020 Agreement sets forth matters pertaining to TECO in Docket No. 20200092-EI and discusses a one-time reduction in base rates of approximately $15 million.

Section III, paragraph 10

Pursuant to the 2020 Agreement, TECO is required to provide project level details for projects it is planning for 2020 and 2021 when it files its petition for cost recovery.

[6] The term "Legacy Storm Hardening Plan Initiatives" refers to seven initiatives contained in TECO's approved storm hardening plan pursuant to Order No. PSC-2019-0302-PAA-EI, issued July 29, 2019, in Docket No. 20180145-EI. The seven initiatives are now grouped as one program with that name.

Section III, paragraph 11

This section and its subparts describe the Signatories' agreement to regulatory methods that allow TECO to recover through the SPPCRC its SPP operations and maintenance (O&M) expenses incurred during 2020 and 2021 that are incremental to its base rates. The O&M expenses are for six activities identified in TECO's SPP: Planned Distribution Vegetation Management, Planned Transmission Vegetation Management, Transmission Vegetation Management-ROW Maintenance, Infrastructure Inspections, Distribution and Transmission Wood Pole Inspections, and Transmission Asset Upgrades.

TECO may seek recovery of its 2020 O&M expenses for the period May through December in excess of the total expenses of approximately $10.3 million shown on Exhibit 3 of the 2020 Agreement. Recovery of all of TECO's 2021 SPP O&M expenses through the SPPCRC is contingent on a one-time base rate reduction of approximately $15 million shown on Exhibit 2 of the 2020 Agreement. The one-time base rate reduction is to be effective contemporaneous with the beginning of cost recovery via the SPPCRC.[7]

Section III, paragraph 12

Concerning capital projects, the Signatories agree that cost recovery shall remain in base rates for projects initiated prior to April 10, 2020. The Signatories define the term "initiated" to mean when, in the normal and ordinary course of business, the first dollar is posted to the project work order as reflected in TECO's accounting system in accordance with its standard procedures.

Project records and fixed asset records for SPP capital projects will be maintained in a manner that clearly distinguishes capital and assets recovered in retail rate base from capital and assets recovered through the SPPCRC. The return on investment and depreciation expense associated with capital projects initiated on or after April 10, 2020, shall be eligible for cost recovery through the SPPCRC, subject to a prudence review in the SPPCRC docket.

For assets being retired and replaced with new assets as part of an SPP program, TECO will not seek to recover the cost of removal net of salvage associated with the related assets to be retired through the SPPCRC. Rather, such net cost of removal will be debited to TECO's accumulated depreciation reserve according to normal regulatory plant accounting procedures. Additionally, any depreciation expense from SPP asset additions will be reduced by the depreciation expense savings that results from the retirement of assets removed from service during the SPP project. Only the net of the two depreciation amounts will be recoverable through the SPPCRC.

[7] Section III, paragraph 15(b) notes that to the extent the base rate adjustment is inconsistent with paragraph 4 of the 2017 Agreement, the Signatories agree that the 2017 Agreement is hereby amended, as necessary to accomplish the base rate adjustment.

TECO retains the option to seek to move prospective cost recovery from the SPPCRC to base rates for costs that have been determined prudently incurred through a final true-up in the SPPCRC. This request would be through a petition pursuant to Sections 366.06 and/or 366.07, Florida Statutes.

Section III, paragraph 13

The Signatories acknowledge that TECO's Distribution Pole Replacement program is a legacy storm hardening activity that is included in TECO's SPP. However, cost recovery for the plant additions and retirements associated with all distribution pole replacements will remain through base rates. This includes O&M expenses from asset transfers related to distribution pole replacements.

Section III, paragraph 14

The Signatories agree that TECO will not aggregate certain SPP capital projects as a means of demonstrating that it has met the threshold for accruing Allowance for Funds Used During Construction in Rule 25-6.0141, Florida Administrative Code. The 2020 Agreement includes guidance on this matter addressing factors such as geographic vicinity, same SPP program, contractor, or project manager.

Decision

The standard for approval of a settlement agreement is whether it is in the public interest.[8] A determination of public interest requires a case-specific analysis based on consideration of the proposed settlement taken as a whole.[9] By approving the 2020 Agreement, the 2020 Agreement promotes regulatory economy and administrative efficiency, and avoids the time and expense associated with litigating the settled issues in the various existing and continuing Commission dockets.

Based upon TECO's motion, our review of the 2020 Agreement, and evidence and testimony on the record, we find that the 2020 Agreement is in the public interest and it is hereby

[8] Order No. PSC-13-0023-S-EI, issued on January 14, 2013, in Docket No. 120015-EI, *In re: Petition for increase in rates by Florida Power & Light Company*; Order No. PSC-11-0089-S-EI, issued February 1, 2011, in Docket Nos. 080677 and 090130, *In re: Petition for increase in rates by Florida Power & Light Company* and *In re: 2009 depreciation and dismantlement study by Florida Power & Light Company*; Order No. PSC-10-0398-S-EI, issued June 18, 2010, in Docket Nos. 090079-EI, 090144-EI, 090145-EI, 100136-EI, *In re: Petition for increase in rates by Progress Energy Florida, Inc.*, *In re: Petition for limited proceeding to include Bartow repowering project in base rates, by Progress Energy Florida, Inc.*, *In re: Petition for expedited approval of the deferral of pension expenses, authorization to charge storm hardening expenses to the storm damage reserve, and variance from or waiver of Rule 25-6.0143(1)(c), (d), and (f), F.A.C., by Progress Energy Florida, Inc.*, and In re: *Petition for approval of an accounting order to record a depreciation expense credit, by Progress Energy Florida, Inc.*; Order No. PSC-05-0945-S-EI, issued September 28, 2005, in Docket No. 050078-EI, *In re: Petition for rate increase by Progress Energy Florida, Inc.*

[9] Order No. PSC-13-0023-S-EI, at p. 7.

approved. The 2020 Agreement resolves all of the issues in Docket Nos. 20200145-EI and 20200065-EI.

Based on the foregoing, it is

ORDERED by the Florida Public Service Commission that the stipulations, findings, and rulings herein are hereby approved. It is further

ORDERED that each utility that was a party to this docket shall abide by the stipulations, findings, and rulings herein which are applicable to it. It is further

ORDERED that the attached 2020 Settlement Agreement is approved. It is further

ORDERED that Docket Nos. 20200145-EI and 20200065-EI shall be closed.

By ORDER of the Florida Public Service Commission this 30th day of June, 2020.

ADAM J. TEITZMAN
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399
(850) 413-6770
www.floridapsc.com

Copies furnished: A copy of this document is provided to the parties of record at the time of issuance and, if applicable, interested persons.

BYL

NOTICE OF FURTHER PROCEEDINGS OR JUDICIAL REVIEW

The Florida Public Service Commission is required by Section 120.569(1), Florida Statutes, to notify parties of any administrative hearing or judicial review of Commission orders that is available under Sections 120.57 or 120.68, Florida Statutes, as well as the procedures and time limits that apply. This notice should not be construed to mean all requests for an administrative hearing or judicial review will be granted or result in the relief sought.

Any party adversely affected by the Commission's final action in this matter may request: 1) reconsideration of the decision by filing a motion for reconsideration with the Office of Commission Clerk, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, within fifteen (15) days of the issuance of this order in the form prescribed by Rule 25-22.060, Florida Administrative Code; or 2) judicial review by the Florida Supreme Court in the case of an electric, gas or telephone utility or the First District Court of Appeal in the case of a water and/or wastewater utility by filing a notice of appeal with the Office of Commission Clerk, and filing a copy of the notice of appeal and the filing fee with the appropriate court. This filing must be completed within thirty (30) days after the issuance of this order, pursuant to Rule 9.110, Florida Rules of Appellate Procedure. The notice of appeal must be in the form specified in Rule 9.900(a), Florida Rules of Appellate Procedure.

Attachment A

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for a Limited Proceeding to Approve Fourth SoBRA by Tampa Electric Company	)	Docket No. 20200064-EI
In re: Petition of Tampa Electric Company To Eliminate Accumulated Amortization Reserve Surplus for Intangible Software Assets	)	Docket No. 20200065-EI
In re: Review of 2020-2029 Storm Protection Plan pursuant to Rule 25-6.030, F.A.C., Tampa Electric Company	)	Docket No. 20200067-EI
In re: Storm protection plan cost recovery Clause	)	Docket No. 20200092-EI

2020 SETTLEMENT AGREEMENT

THIS AGREEMENT is dated this 27th day of April 2020 and is by and between Tampa Electric Company ("Tampa Electric" or the "company") and the Office of Public Counsel ("OPC" or "Citizens"), the Florida Industrial Power Users Group ("FIPUG"), the Florida Retail Federation ("FRF"), the Federal Executive Agencies ("FEA") and the West Central Florida Hospital Utility Alliance ("HUA"). Collectively, Tampa Electric, OPC, FIPUG, FRF, FEA and HUA shall be referred to herein as the "Parties" and the term "Party" shall be the singular form of the term "Parties." OPC, FIPUG, FRF, FEA and HUA will be referred to herein as the "Consumer Parties." This document shall be referred to as the "2020 Agreement."

Recitals

2017 Agreement

A. Tampa Electric is operating under its 2017 Amended and Restated Stipulation and Settlement Agreement ("2017 Agreement") approved by the Florida Public Service Commission

ATTACHMENT A

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("FPSC" or "Commission").[1] Among other things, paragraph 6 of the company's 2017 Agreement contains a provision that authorizes the company to recover the costs of certain qualifying solar generating projects through a solar base rate adjustment mechanism ("SoBRA") based on projected costs and estimated in-service dates, with true-ups for both. It also contains provisions addressing depreciation [paragraph 8], customer rates [paragraph 3(a)], other cost recovery [paragraph 4], storm damage [paragraph 5] and changes in federal and state income tax rates [paragraph 9].

B. The Commission has approved three SoBRAs for Tampa Electric totaling 550 MW of solar capacity. The First SoBRA was approved by Order No. PSC-2018-0288-FOF-EI, issued June 5, 2018, in Docket No. 20170260-EI. The Second SoBRA was approved by Order No. PSC-2018-0571-FOF-EI, issued December 7, 2018, in Docket No. 20180133-EI. The Third SoBRA was approved by Order No. PSC-2019-0477-FOF-EI, issued November 12, 2019, in Docket No. 20190136-EI. The Commission has also approved two base rate reductions for Tampa Electric to reflect changes to federal and state corporate income tax rates (Docket Nos. 20180045-EI and 20190203-EI) and approved cost recovery for four named storms by Tampa Electric without a base rate increase or storm surcharge appearing on customers' bills (Docket No. 20170271-EI) — all pursuant to the 2017 Agreement. The 2017 Agreement has promoted regulatory certainty and efficiency and has proven to be in the public interest.

Fourth SoBRA
and First and Second SoBRA True-Up

C. On February 27, 2020, Tampa Electric filed a notice with the Commission advising the Commission and Consumer Parties to the 2017 Agreement that it has met the requirements to

[1] The Commission approved the 2017 Agreement by Order No. PSC-2017-0456-S-EI, issued on November 27, 2017 in Docket Nos. 20170210-EI and 20160160-EI.

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qualify to petition for approval of its Fourth SoBRA totaling 45.7 MW with an effective date of January 1, 2021. The Commission opened Docket No. 20200064-EI for use when the company files its final SoBRA petition.

D. Tampa Electric will soon be filing a petition to true-up its First and Second SoBRAs. The company will request approval of tariff changes that reflect the actual annual revenue requirements for the seven projects in the First and Second SoBRAs and permission to implement those changes effective with the first billing cycle for January 1, 2021, or another date to be decided by the Commission. The company will also request that the FPSC approve the company's proposed revenue true-up — a credit to customers — and to allow the company to apply the credit amount to customers through the Capacity Cost Recovery Clause for 2021. The Office of Public Counsel plans to intervene in that proceeding.

Software Amortization Petition

E. On February 28, 2020, Tampa Electric filed a petition (Docket No. 20200065-EI) seeking FPSC permission to eliminate an approximately $16 million accumulated amortization reserve surplus for intangible software assets through a credit to amortization expense in 2020. OPC filed a notice of intervention in that docket on March 24, 2020. The Commission acknowledged OPC's intervention by Order No. PSC-2020-0091-PCO-EI, issued on March 27, 2020.

Storm Protection Plan and Cost Recovery Clause

F. In 2019, the Florida Legislature enacted section 366.96, Florida Statutes, entitled "Storm protection plan cost recovery." Section 366.96(3) requires Tampa Electric and the other public electric utilities to file a transmission and distribution storm protection plan ("SPP") at least every three years that covers the immediate 10-year planning period, and explain the systematic

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approach they will follow to achieve the objectives of reducing restoration costs and outage times associated with extreme weather events and enhancing reliability. The Commission must determine whether it is in the public interest to approve, approve with modification, or deny each utility's transmission and distribution storm protection plan no later than 180 days after the utility files a plan that contains all of the elements required by Commission Rule. The new statute also creates a storm protection plan cost recovery clause ("SPPCRC") to promote the timely recovery of costs incurred by a utility pursuant to its Storm Protection Plan. Rules 25-6.030 and 25-6.031, Florida Administrative Code, were adopted by the Commission to implement section 366.96.

G. Rule 25-6.030 requires each utility to file a SPP at least every three years with the Commission, and specifies the required elements of the utility's SPP. Subsection 25-6.030(3)(h) requires a Plan to include "an estimate of rate impacts for each of the first three years of the Storm Protection Plan for the utility's typical residential, commercial, and industrial customers." Pursuant to the Order Establishing Procedure for the SPP Dockets, each public electric utility, including Tampa Electric, must file a SPP by April 10, 2020.

H. Rule 25-6.031 governs the new SPPCRC created by section 366.93, Florida Statutes. Subsection 6(b) of that rule states: "Storm Protection Plan costs recoverable through the clause shall not include costs recovered through the utility's base rates or any other cost recovery mechanism."

I. The FPSC established Docket No. 20200067-EI for the filing and approval of Tampa Electric's SPP. It also opened Docket No. 20200092-EI for the consideration of issues related to SPP costs through the SPPCRC. Tampa Electric anticipates filing its petition for storm protection plan cost recovery in Docket No. 20200092-EI (SPPCRC), as required by the Docket Schedule, in late July 2020.

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Overall Regulatory Activity

J. The cumulative total of the regulatory activity described above, together with the other annual clause proceedings and other dockets pending at the FPSC, is greater than normal and led Tampa Electric, OPC, and the other Consumer Parties to discuss ways to resolve some or all of the potentially time-consuming issues in the dockets listed above by agreement or stipulation in a manner that promotes regulatory economy and administrative efficiency and that serves the public interest. This 2020 Agreement is the product of those discussions and is being filed for approval in the above-styled four Dockets to resolve some or all of the issues in those dockets as discussed further below.

K. The Parties have entered into this 2020 Agreement in compromise of positions taken in accord with their rights and interests under chapters 350, 366 and 120, Florida Statutes, as applicable, and as part of a negotiated exchange of consideration among the Parties to this 2020 Agreement, each Party has agreed to concessions to the others with the expectation, intent, and understanding such that all provisions of the 2020 Agreement, upon approval by the Commission, will be enforced by the Commission as to all matters addressed herein with respect to all Parties. The Parties agree that this 2020 Agreement is in the public interest and should be approved.

NOW, THEREFORE, in light of the mutual covenants of the Parties and the benefits accruing to all Parties through this 2020 Agreement, and for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

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Sertifi Electronic Signature

Terms

I. Docket No. 20200064-EI: Petition to Approve Fourth SoBRA

The Parties agree and stipulate as follows:

1. OPC has taken the position that, for the company to meet the cost cap trigger for the 2021 Tranche specified in paragraph 6 of the 2017 Agreement ("Fourth SoBRA"), a two-part test applies, namely: the average cost of the projects in the First SoBRA must be less than or equal to $1,475 per kWac and, in addition, the average cost of the projects in the Second SoBRA must be less than or equal to $1,475 per kWac.

2. The company believes that for the company to meet the cost cap trigger for the Fourth SoBRA, a one-step test applies, namely: the average cost of the projects in the First and Second SoBRAs, taken together, must be at or below $1,475 per kWac.

3. To the extent the costs of the actual First and Second SoBRA projects as determined in the company's First and Second SoBRA True-Up docket make this difference an issue in Docket No. 20200064-EI, the Parties stipulate that the one-step test as described in paragraph 2 above shall be used to assess eligibility of the Fourth SoBRA for recovery under the SoBRA mechanism.

4. Nothing in this agreement shall limit any party to Docket No. 20200064-EI from taking any position, offering any evidence or advocating as it desires in Docket No. 20200064-EI, except as specified in paragraph 3.

II. Docket No. 20200065-EI: Intangible Software Amortization Surplus.

The Parties agree and stipulate as follows:

5. The surplus in the company's accumulated amortization reserve for Intangible Software in Account 303.15 as of December 31, 2019, was $15,971,292.

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6. Granting the relief requested by Tampa Electric in Docket No. 20200065-EI ("Software Amortization Petition") will not violate the 2017 Agreement or require the 2017 Amendment to be amended.

7. The relief requested by Tampa Electric in Docket No. 20200065-EI shall be granted.

8. Tampa Electric shall eliminate its approximately $16.0 million accumulated amortization reserve surplus for intangible software assets through a credit to amortization expense in 2020.

9. Tampa Electric shall record the approximately $16.0 million credit to amortization expense ratably over 12 months beginning retroactively in January 2020.

III. Storm Protection Plan, Cost Recovery Clause and Base Rate True-Up

The Parties agree and stipulate as follows:

10. Project-level Detail. Except for the four Programs specified below, Tampa Electric has included project-level detail for all Projects for 2020 in its initial Storm Protection Plan filed on April 10, 2020, for approval by the FPSC. It will provide project-level detail for all Projects it is planning for 2021 to the Consumer Parties on or before April 23, 2020. It will also include project-level detail for Projects it is planning for 2020 and 2021 when it files its petition for cost recovery through the SPPCRC. The Parties agree that the following three Programs do not have project components: (1) Vegetation Management, (2) Infrastructure Inspections and (3) Legacy Storm Hardening Plan Initiatives,[2] so project level detail is not needed or required for these three

[2] The term "Legacy Storm Hardening Plan Initiatives" refers to seven initiatives contained in the company's last approved storm hardening plan that it has included in its SPP as one program with that name. The seven programs are Geographic Information System, Post-Storm Data Collection, Outage Data – Overhead and Underground Systems, Increase Coordination with Local Governments. Collaborative Research, Disaster Preparedness and Recovery Plan and Distribution Pole Replacement, and are described in Section 6.8 of the company's SPP.

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Programs for 2020 and 2021. The Parties further agree that the company's Extreme Weather Hardening Study[3] does not have project components for at least 2020 and 2021; therefore, project level detail is not needed or required for this program in 2020 and 2021.

11. Operations and Maintenance Expenses. Tampa Electric will seek recovery of incremental Operations and Maintenance (O&M) expenses related to its proposed SPP programs in the following manner:

(a) Rather than recovering incremental SPP O&M expenses (i.e., SPP O&M costs that are over and above the O&M costs already recovered through base rates) through the SPPCRC, the company will seek to recover all of the O&M expenses associated with activities in its SPP through the SPPCRC (except as otherwise provided herein) and will reduce its base rates on a one-time basis by an agreed-upon amount. The agreed-upon, one-time base rate reduction amount is specified in paragraph 11(c), below, and reflects a good faith determination of the annual O&M expenses associated with six activities ("Six Activities")[4] that were being incurred prior to the filing of the company's SPP[5], are currently being recovered through the company's base rates,

[3] As explained in section 6.4 of its SPP, the company's Substation Extreme Weather Hardening Program is designed to harden existing substations to minimize outages, reduce restoration times and enhance emergency response during extreme weather events. Hardening Projects within this Program could involve the installation of extreme weather protection barriers; installation of flood or storm surge prevention barriers; additions, modifications or relocation of substation equipment; modification to the designs of the company's substations; or other approaches identified to protect against extreme weather damage in or around the company's substations.

[4] The six activities are Planned Distribution Vegetation Management, Planned Transmission Vegetation Management, Transmission Vegetation Management – ROW Maintenance, Infrastructure Inspections, Distribution and Transmission Wood Pole Inspections and Transmission Asset Upgrades. The first three are now included the company's proposed Vegetation Management SPP program. The next two have been included the company's proposed SPP Infrastructure Inspection program. Transmission Asset Upgrades is included in the company's proposed SPP in a program by that name.

[5] There are two additional activities (Targeted Critical Facilities/Flood Damage Mitigation and Targeted Distribution Overhead Feeder Hardening) that are included in the company's SPP and shown on Exhibit One; however, the company did not incur O&M expenses for these activities in 2017, 2018 and 2019 and the agreed-to base rate reduction in paragraph 11(c) does not include O&M expenses for these activities. The costs associated with a third category of activity included in the SPP — Joint Use Pole Attachments Audits — are borne by the entities that attach to the company's poles, so the net expense to Tampa Electric for that activity is zero and did not factor into the calculation of the agreed-to base rate reduction.

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have been included in the company's proposed SPP and for which the company will seek cost recovery through the SPPCRC. The purpose of the one-time, agreed-upon base reduction is to streamline cost recovery for the expenses associated with the Six Activities, so that all O&M expenses associated with the activities reflected in the SPP will be recoverable (subject to prudency review) via the SPPCRC, except as otherwise provided herein. The intent of this base rate true-up is to promote transparency and to ensure that the O&M expenses the company will recover through the SPPCRC do not include O&M expenses recovered through the utility's existing base rates or any other cost recovery mechanism as required by Rule 25-6.031(6)(b), Florida Administrative Code, in accord with section 366.96(8).

(b) The specified amount of base revenue reduction described above will be accomplished through one-time reductions to base rates using the cost allocation and rate design principles reflected in paragraph 3 of the 2013 Stipulation among the Parties as modified by paragraph 3 of the 2017 Agreement, and those same cost allocation and rate design principles shall be used to develop the cost recovery factors/rates that will be used for SPP cost recovery in the SPPCRC beginning in 2020 and annually thereafter as provided in paragraph 3(g) of the 2017 Agreement. The one-time base rate reductions will become effective contemporaneous with the beginning of cost recovery via the SPPCRC and remain in effect until the next Commission-approved change in the company's general base rates (i.e., in the company's next general base rate case). The company will file the revised tariffs necessary to implement the one-time base rate reduction specified herein for Commission approval in Docket No. 20200092-EI within a reasonable time following approval of this 2020 Agreement and on a schedule such that the necessary customer notices can be given and the proposed base rate reduction can become effective contemporaneous with the effective date of cost recovery by the company under the SPPCRC.

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(c) For each category of O&M expense for which cost recovery will be moved from base rates to SPPCRC (i.e., the Six Activities), the specified amount of base revenue reduction should be calculated as the company's average actual O&M expense for the most recent two years and grossed up for the regulatory assessment fee which is not reflected as a separate line-item on customers' bills. Based on the company's current plan to seek cost recovery under the SPPCRC in 2020, the company has calculated, and the Parties agree, that Tampa Electric's 2-year average actual annual O&M expense amounts for the Six Activities for 2018 and 2019 totals $15.0 million per year as shown on Exhibit One and the grossed-up amount of the annual base revenue reduction is $15,010,800. The manner in which this $15.0 million O&M expense amount has been grossed up to reflect the $15,010,800 annual base revenue reduction to be made is set out in Exhibit Two to this agreement.

(d) For purposes of this paragraph 11, the Parties intend that the $15,010,800 agreed-upon base revenue reduction be final and not subject to further true-up, unless any of the Six Activities as a category used to calculate the $15.0 million annual O&M expense amount are not allowed for cost recovery through the SPPCRC, in which case, the $15.0 million amount and related base revenue reduction shall be reduced by the associated amounts shown in Exhibit One multiplied by the Regulatory Assessment Fee Multiplier shown on Exhibit Two Notwithstanding the foregoing, the Parties agree that nothing in this Agreement shall preclude any Consumer Party from challenging the recovery of any specific cost or level of cost proposed for recovery by the company through the SPPCRC.

(e) In its 2020 SPPCRC filing, Tampa Electric may seek to recover 2020 SPP O&M expense for the Six Activities in the period May to December 2020 only to the extent that the May 2020 to December 2020 total expense for those activities exceeds the average of the total expense

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incurred by the company for those activities in May through December 2018 and May through December 2019 as shown on Exhibit Three (i.e., $10.4 million).

(f) Most of the Vegetation Management Program activities in the company's SPP are planned, meaning that the company develops a scheduled Vegetation Management plan that it intends to follow, i.e., trim specific circuits, etc. The company engages in two other general types of vegetation management activities, namely: (1) Vegetation Management associated with named storms, the costs of which are subject to recovery under paragraph 5 of the 2017 Agreement and the FPSC's storm cost recovery rules and (2) unscheduled or unplanned vegetation management activities necessitated by minor storm damage, identification of danger trees, automobile accidents, routine repair work and the like ("Unplanned Vegetation Management"). Even though the company's SPP includes Unplanned Vegetation Management as part of its overall Vegetation Management program, the company will continue to recover costs associated with Unplanned Vegetation Management activities through base rates and will not seek recovery of costs associated with those activities through the SPPCRC.

12. Rate Base Items. Tampa Electric will seek recovery of return on capital expenditures and assets related to the SPP programs, as well as the incremental depreciation expense for the SPP assets, in the following manner:

(a) Cost recovery for capital projects initiated prior to April 10, 2020, shall remain recovered through base rates. This means that both the return on investment associated with a capital project initiated before April 10, 2020 and the related depreciation expense shall continue to be recovered through base rates and will not be recoverable through the SPPCRC. For purposes of this section, a project shall be considered "initiated" when, in the normal and ordinary course of business, the first dollar is posted to the project work order as reflected in the company's

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accounting system in accordance with the company's standard accounting procedures. This means that any capital project with an open work order in which costs have been posted before April 10, 2020 shall not be eligible for cost recovery through the SPPCRC.

(b) The return on investment and depreciation expense associated with capital projects initiated on or after April 10, 2020, shall be eligible for cost recovery through the SPPCRC, subject to a prudency review in the SPPCRC docket. For purposes of this section, a project shall be considered "initiated" when, in the normal and ordinary course of business, the first dollar is posted to the project work order as reflected in the company's accounting system in accordance with the company's standard accounting procedures. This means that any capital project with an open work order that did not have any costs charged to it before April 10, 2020, or opened on or after April 10, 2020, may be eligible for cost recovery through the SPPCRC, subject to a prudency review in the SPPCRC docket.

(c) To ensure that there is no double recovery between base revenue and SPPCRC revenue, the company will employ the following protocols for capital items:

(i) For assets being retired and replaced with new assets as part of a program in the company's SPP, the company will not seek to recover the cost of removal net of salvage associated with the related assets to be retired through the SPPCRC. Rather, such net cost of removal will be debited to the company's accumulated depreciation reserve according to normal regulatory plant accounting procedures.

(ii) For SPP capital projects, any depreciation expense from SPP asset additions will be reduced by the depreciation expense savings that results from the retirement of assets removed from service during the SPP project. Only the net of the two depreciation amounts will be recoverable through the SPPCRC.

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(iii) Project records and fixed asset records for SPP capital projects will be maintained in a manner that clearly distinguishes capital and assets in retail rate base from capital and assets being recovered through the SPPCRC.

(iv) Whenever the company petitions for a change to its base rates and charges pursuant to sections 366.06 and/or 366.07, Florida Statutes, the assets being recovered that have been determined prudent through a final true-up in the SPPCRC by the Commission as of the end of the historic year presented in the company's minimum filing requirement schedules may, at the Company's option, be simultaneously removed from SPPCRC recovery and included in retail rate base for the applicable test year by appropriate proforma adjustments. Thereafter, new SPP capital and assets related to SPP programs that were not included in the test year used to set base rates may be submitted for recovery through the SPPCRC petition process.

13. Distribution Pole Replacements. Distribution Pole Replacement is a legacy storm hardening activity that is included in the company's SPP in section 6.8.7. Due to the large number of annual pole replacements and the challenges associated with accounting for the associated mass asset additions and retirements, and as a matter of accounting and administrative efficiency, the company will include distribution pole replacements within its SPP; however, cost recovery for the plant additions and retirements associated with all distribution pole replacements (for the avoidance of doubt, this includes like kind replacements, replacements of existing poles with higher class wood poles, and/or concrete or steel for wood distribution poles identified though the company's Infrastructure Inspection Program) will remain through base rates, not through the SPPCRC. The company will also not seek recovery of the O&M expenses from asset transfers related to distribution pole replacements[6] through the SPPCRC.

[6] During a capital project that involves changing out a distribution pole, the costs associated with moving supporting fixtures and conductors and transferring them to new distribution poles, which sometimes involves rearranging and

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14. No Bundling. The company will not, as a means of demonstrating that it has met the threshold for accruing Allowance for Funds Used During Construction ("AFUDC") in Rule 25-6.0141, Florida Administrative Code, aggregate SPP capital projects (a) that are not in the same geographic vicinity or (b) that would otherwise only be aggregated solely because the projects or activities: (i) are part of the same SPP program; (ii) will be performed by the same contractor; (iii) are part of the same SPP program budget or (iv) are being managed by the same company project manager.

15. Other SPP items.

(a) Nothing in this Agreement shall be construed to prevent any Party from challenging the reasonableness and/or prudency of all or part of any SPP program or project in any future proceeding, nor limit the amount of allowed discovery as specified in the Order Establishing Procedure for Docket Nos. 20200067-EI or 2020092-EI.

(b) To the extent the base rate adjustment described in paragraph 11 is inconsistent with paragraph 4 of the 2017 Agreement, the Parties agree that the 2017 Agreement is hereby amended, as necessary to accomplish the base rate adjustment.

(c) Beginning October 1, 2020 and for a period of up to 60 days thereafter, Tampa Electric shall meet with the Parties and will work in good faith with them to identify a method acceptable to all of the Parties to modify the analytical framework used in the development of the company's SPP in Docket No. 20200067-EI that: (1) complies with applicable statutes and rules and (2) reasonably recognizes the importance of protecting transmission and distribution facilities serving public safety customers and critical public infrastructure (e.g., hospitals, fire stations,

changing the location of plant not retired, are considered an O&M expense pursuant to CFR Title 18. Chapter 1, Subchapter C, Part 101: Operating Expense Instructions, 2. Maintenance, and CFR Title 18. Chapter 1, Subchapter C, Part 101: Account 593.

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police stations, military installations, ports, airports, etc.). The company shall use any such unanimously and mutually agreed-upon method consistent with applicable statutes and rules when it prepares and files its next SPP for FPSC approval and thereafter unless the resulting modified framework is changed by agreement of the Parties.

IV. Other Provisions

16. Commission Approval.

(a) The provisions of this 2020 Agreement are contingent on approval of this 2020 Agreement in its entirety by the Commission without modification, regardless of the sequence of the individual above styled Docket decisions; further, any decision by the Commission not to approve any provision of this Agreement shall, per se and as a matter of law, render the Agreement null and void and of no force or effect. The Parties further agree that this 2020 Agreement is in the public interest, that they will support this 2020 Agreement and that they will not request or support any order, relief, outcome, or result in conflict with the terms of this 2020 Agreement in any administrative or judicial proceeding relating to, reviewing, or challenging the establishment, approval, adoption, or implementation of this 2020 Agreement or the subject matter hereof.

(b) No Party will assert in any proceeding before the Commission that this 2020 Agreement or any of the terms in the 2020 Agreement shall have any precedential value. The Parties' agreement to the terms in the 2020 Agreement shall be without prejudice to any Party's ability to advocate a different position in future proceedings not involving this 2020 Agreement. The Parties further expressly agree that no individual provision, by itself, necessarily represents a position of any Party in any future proceeding, and the Parties further agree that no Party shall assert or represent in any future proceeding in any forum that another Party endorses any specific provision of this 2020 Agreement by virtue of that Party's signature on, or participation in, this

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2020 Agreement. It is the intent of the Parties to this 2020 Agreement that the Commission's approval of all the terms and provisions of this 2020 Agreement is an express recognition that no individual term or provision, by itself, necessarily represents a position, in isolation, of any Party or that a Party to this 2020 Agreement endorses a specific provision, in isolation, of this 2020 Agreement by virtue of that Party's signature on, or participation in, this 2020 Agreement.

(c) The Parties intend, and agree to request, that the Commission's order state that approval of this 2020 Agreement in its entirety will resolve the matters as specified herein in Docket Nos. 20200064-EI, 20200065-EI, 20200067-EI, and 20200092-EI and in accordance with section 120.57(4), Florida Statutes.

(d) No Party shall seek appellate review of any Commission order approving this 2020 Agreement in its entirety.

17. Disputes. To the extent a dispute arises among the Parties about the provisions, interpretation, or application of this 2020 Agreement, the Parties agree to meet and confer in an effort to resolve the dispute. To the extent that the Parties cannot resolve any dispute, the matter may be submitted to the Commission for resolution.

18. Execution. This 2020 Agreement is dated as of April 27, 2020. It may be executed in counterpart originals and a facsimile of an original signature shall be deemed an original.

IN WITNESS WHEREOF, the Parties evidence their acceptance and agreement with the provisions of this 2020 Agreement by their signature(s):

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Attachment A

Tampa Electric Company
702 N. Franklin Street
Tampa, FL 33601

By: E-Signed: 04/27/2020 12:51 PM EDT
Nancy Tower
ntower@tecoenergy.com
IP: 66.35.152.98
Sertifi Electronic Signature
DocID: 20200427113456645

Doc ID: 20200427113456645
Sertifi Electronic Signature

Signature Page to 2020 Agreement

Office of Public Counsel
J. R. Kelly, Esquire
Public Counsel
Charles Rehwinkel, Esquire
Deputy Public Counsel
c/o The Florida Legislature
111 West Madison Street, Room 812
Tallahassee, FL 32399-1400

By: _____
J.R. Kelly

Signature Page to 2020 Agreement

The Florida Industrial Power Users Group
Jon C. Moyle, Jr., Esquire
Moyle Law Firm
The Perkins House
118 North Gadsden Street
Tallahassee, FL 32301

By: _____ 4/27/20
Jon C. Moyle, Jr.

Signature Page to 2020 Agreement

Florida Retail Federation
Robert Scheffel Wright
Gardner, Bist, Bowden, Bush, Dee, LaVia & Wright, P.A.
1300 Thomaswood Drive
Tallahassee, FL 32308

By: Robert Scheffel Wright
Robert Scheffel Wright

Signature Page to 2020 Agreement

Federal Executive Agencies

Thomas Andrew Jernigan, Esquire
AFLOA/JACL-ULFSC
139 Barnes Drive, Suite 1
Tyndall Air Force Base, FL 32403

By: _____
Thomas Jernigan

Signature Page to 2020 Agreement

WCF Hospital Utility Alliance
Mark F. Sundback
Sheppard Mullin
2099 Pennsylvania Ave., Suite 100
Washington, D.C. 20006-6801
msundback@sheppardmullin.com

By: Mark F. Sundback - JPS
Mark F. Sundback

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Attachment A

TAMPA ELECTRIC'S STORM PROTECTION PLAN O&M EXPENSES ($ Million)

Recovered Through SPP Clause	2018 Actual	2019 Actual	2018-2019 Average
Distribution Vegetation Management - Planned	10.3	13.8	12.0
Transmission Vegetation Management - Planned	0.8	0.8	0.8
Transmission Vegetation Management - ROW Maintenance	0.4	0.5	0.5
Infrastructure Inspections	0.4	0.5	0.4
Distribution & Transmission Wood Pole Inspections	1.2	1.3	1.3
J/U Pole Attachments Audit	-	-	-
Transmission Asset Upgrades	0.1	0.1	0.1
Targeted Critical Fac. / Flood Damage Mitigation	-	-	-
Targeted Distribution Overhead Feeder Hardening	-	-	-
Total SPP Clause	**13.2**	**16.9**	**15.0**

Recovered Through Base Rates	2018 Actual	2019 Actual	2018-2019 Average
Distribution Vegetation Management - Unplanned	1.6	2.2	1.9
Transmission Vegetation Management - Unplanned	-	-	0.0
Distribution Pole Replacement	0.8	0.7	0.8
Disaster Preparedness and Recovery Plan	0.2	0.3	0.2
Geographical Information System	-	-	-
Post Storm Data Collection	-	-	-
Outage Data - Overhead and Underground	-	-	-
Increase Coordination with Local Governments	-	-	-
Collaborative Research	-	-	-
Total Base Rates	**2.6**	**3.2**	**2.9**
Total SPP O&M Expenses	**15.8**	**20.1**	**17.9**

Note: Totals may not sum due to rounding.

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Attachment A

TAMPA ELECTRIC'S STORM PROTECTION PLAN BASE RATE REVENUE REQUIREMENT REDUCTION FOR CLAUSE RECOVERY

($)

Revenue Requirement Calculation:	
Agreed Upon SPP O&M Expenses Currently Recovered through Base Rates to be Recovered through the SPP Clause	15,000,000
Agreed Upon SPP Capital Expenses Currently Recovered through Base Rates to be Recovered through the SPP Clause	0
Agreed Upon Expense Amount Related to Base Revenue Reduction	**15,000,000**
Regulatory Assessment Fee Multiplier[7]	1.00072
Revenue Requirement to Be Used for Base Rate Revenue Reduction	**15,010,800**

Proof of Net Impact of Base Rate Revenue Reduction:	
Lower Base Revenue	(15,010,800)
Resulting Lower Regulatory Assessment Fee Expense	10,800
Net Reduction to Pre-Income-Tax Operating Income	**(15,000,000)**

TAMPA ELECTRIC COMPANY
2020 AGREEMENT
EXHIBIT TWO

[7] Each investor-owned electric company shall pay a regulatory assessment fee in the amount of .00072 of gross operating revenues derived from intrastate business, excluding sales for resale between public utilities, municipal electric utilities, and rural electric cooperatives or any combination thereof. *Rule 25-6.0131(1)(a), F.A.C.*

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Attachment A

TAMPA ELECTRIC COMPANY
($ Million)

Actual May – December	2018	2019	2018-2019
STORM PROTECTION PLAN O&M EXPENSES	ACTUAL	ACTUAL	AVERAGE
TO BE RECOVERED THROUGH SPP CLAUSE			
Distribution Vegetation Management - Planned	6.9	10.1	8.5
Transmission Vegetation Management - Planned	0.4	0.3	0.4
Transmission Vegetation Management - ROW Maintenance	0.2	0.4	0.3
Infrastructure Inspections	0.3	0.3	0.3
Distribution & Transmission Wood Pole Inspections	1.2	0.6	0.9
J/U Pole Attachments Audit	-	-	-
Transmission Asset Upgrades	0.0	0.0	0.0
Targeted Critical Fac. / Flood Damage Mitigation	-	-	-
Targeted Distribution Overhead Feeder Hardening	-	-	-
Total - Clause	**9.0**	**11.8**	**10.4**

"Exhibit Three"

25

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Attachment A

TAMPA ELECTRIC COMPANY
($ Million)

STORM PROTECTION PLAN O&M EXPENSES	2018 (May - Dec) Actual								
TO BE RECOVERED THROUGH SPP CLAUSE	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Distribution Vegetation Management - Planned	0.8	0.8	0.7	1.0	0.6	0.8	1.0	1.2	6.9
Transmission Vegetation Management - Planned	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4
Transmission Vegetation Management - ROW Maintenance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Infrastructure Inspections	0.0	0.0	0.1	(0.0)	0.0	0.0	0.0	0.0	0.3
Distribution & Transmission Wood Pole Inspections	0.0	(0.0)	-	0.1	0.2	0.2	0.4	0.3	1.2
J/U Pole Attachments Audit	-	-	-	-	-	-	-	-	-
Transmission Asset Upgrades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Targeted Critical Fac. / Flood Damage Mitigation	-	-	-	-	-	-	-	-	-
Targeted Distribution Overhead Feeder Hardening	-	-	-	-	-	-	-	-	-
Total - Clause	**1.0**	**0.9**	**0.9**	**1.2**	**0.9**	**1.1**	**1.5**	**1.6**	**9.0**

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Attachment A

TAMPA ELECTRIC COMPANY
($ Million)

STORM PROTECTION PLAN O&M EXPENSES	2019 (May - Dec) Actual								
TO BE RECOVERED THROUGH SPP CLAUSE	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Distribution Vegetation Management - Planned	1.4	1.0	1.3	1.2	0.9	1.3	1.2	1.9	**10.1**
Transmission Vegetation Management - Planned	0.0	0.1	(0.0)	0.0	0.2	0.1	0.0	0.0	**0.3**
Transmission Vegetation Management - ROW Maintenance	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	**0.4**
Infrastructure Inspections	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	**0.3**
Distribution & Transmission Wood Pole Inspections	0.1	0.2	0.0	0.0	0.0	0.0	0.3	0.0	**0.6**
J/U Pole Attachments Audit	-	-	-	-	-	-	-	-	-
Transmission Asset Upgrades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**
Targeted Critical Fac. / Flood Damage Mitigation	-	-	-	-	-	-	-	-	-
Targeted Distribution Overhead Feeder Hardening	-	-	-	-	-	-	-	-	-
Total - Clause	**1.7**	**1.3**	**1.4**	**1.2**	**1.1**	**1.5**	**1.6**	**2.0**	**11.8**

27

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EXHIBIT

OF

WILLIAM R. ASHBURN

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 18
PARTY: TAMPA ELECTRIC COMPANY – (DIRECT)
DESCRIPTION: William R. Ashburn WRA-1

Storm Protection Program	Function	SPPCRC Revenue Requirement	RS (Tier 1, Tier 2, RSVP)	GS & CS	GSD, SBF	GSD Optional	IS	LS1, LS2	LTG-FAC	Total
Capital										
Distribution Lateral Undergrounding	Dist	$0	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	0	$0.00
Transmission Asset Upgrades	Trans Retail	$0	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	0	$0.00
Substation Extreme Weather Protection	Dist	$0	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	0	$0.00
Distribution Overhead Feeder Hardening	Dist	$0	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	0	$0.00
Transmission Access Enhancements	Trans Retail	$92,529	$51,275.42	$5,634.38	$31,628.46	$1,510.17	$2,393.04	$87.74	0	$92,529.20
O&M										
Distribution Vegetation Management - planned	Dist	$12,000,000	$7,102,437.64	$680,513.61	$3,800,509.28	$181,463.42	$64,855.27	$170,220.78	0	$12,000,000.00
Transmission Vegetation Management - planned	Trans Retail	$1,110,350	$615,304.99	$67,612.60	$379,541.51	$18,122.02	$28,716.46	$1,052.82	0	$1,110,350.40
Transmission Asset Upgrades	Trans Retail	$0	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	0	$0.00
Substation Extreme Weather Protection	Dist	$0	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	0	$0.00
Distribution Overhead Feeder Hardening	Dist	$0	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	0	$0.00
Distribution Infrastructure Inspections	Dist	$1,200,000	$710,243.76	$68,051.36	$380,050.93	$18,146.34	$6,485.53	$17,022.08	0	$1,200,000.00
Transmission Infrastructure Inspections	Trans Retail	$462,646	$256,377.08	$28,171.92	$158,142.30	$7,550.84	$11,965.19	$438.68	0	$462,646.00
SPP Planning & Common	Dist	$0	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	0	$0.00
Total		$14,865,525.60	$8,735,638.89	$849,983.87	$4,749,872.47	$226,792.79	$114,415.48	$188,822.10	$0.00	$14,865,525.60
Revenue Tax Factor		1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
Total with Revenue Tax Factor		$14,876,228.78	$8,741,928.55	$850,595.86	$4,753,292.38	$226,956.08	$114,497.86	$188,958.05	$0.00	$14,876,228.78

Billing Determinants	9,684,803	902,049	17,528,483	360,212	1,986,004	134,246	0	

After Taxes	RS (Tier 1, Tier 2, RSVP)	GS & CS	GSD, SBF	GSD Optional	IS	LS1, LS2	LTG-FAC
Charges (per kWh)	$0.000903	$0.000943		$0.000630		$0.001408	$0.000000
Charges (per kW)			$0.271175		$0.057652		

Clause Charges (per kWh)	RS (Tier 1, Tier 2, RSVP)	GS & CS		GSD Optional		LS1, LS2	LTG-FAC
Secondary	$0.000903	$0.000943		$0.000630		$0.001408	$0.000000
Primary				$0.000624			
Sub-Transmission				$0.000617			

Clause Charges (per kW)			GSD, SBF		IS		
Secondary			$0.271175				
Primary			$0.268464		$0.057076		
Sub-Transmission			$0.265752		$0.056499		

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200092-EI
EXHIBIT NO. WRA-1
WITNESS: ASHBURN
PAGE 1 OF 1
FILED: 07/24/2020

19

Joint Motion Of The Office Of Public Counsel, Florida Power & Light Company, Gulf Power Company, Walmart Inc. For Expedited Approval Of A Stipulation and Settlement Agreement.

(With Stipulation and Settlement Agreement as Attachment A)

Filed: August 27, 2020

Document No. 05190-2020

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20200092-EI EXHIBIT: 19
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Joint Motion Of The Office Of Public Counsel, Florida Power & Light Company, Gulf Power Company, Wal...

FILED 8/27/2020
DOCUMENT NO. 05190-2020
FPSC - COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Storm Protection Plan Cost Recovery Clause	Docket No. 20200092-EI Filed August 27, 2020

JOINT MOTION OF THE OFFICE OF PUBLIC COUNSEL, FLORIDA POWER & LIGHT COMPANY, GULF POWER COMPANY, WALMART INC. FOR EXPEDITED APPROVAL OF A STIPULATION AND SETTLEMENT AGREEMENT

Pursuant to Rule 28-106.204(1), Florida Administrative Code ("F.A.C."), the Office of Public Counsel ("OPC"), Florida Power & Light Company ("FPL"), Gulf Power Company ("Gulf"), and Walmart Inc. ("Walmart") (unless the context clearly requires otherwise, the term "Party" or "Parties" means a signatory to this Joint Motion), by and through their respective undersigned counsel, hereby file this Joint Motion and request that the Florida Public Service Commission ("Commission") review and approve on an expedited basis the Stipulation and Settlement Agreement ("Agreement"), provided as Attachment A to this Joint Motion, as a full and complete resolution of all remaining matters for FPL and Gulf in Docket No. 20200092-EI in accordance with Section 120.57(4), Florida Statutes ("F.S."), and enter a final order reflecting such approval to effectuate implementation of the Agreement. In support of this motion, the Parties jointly state as follows:

1. On June 27, 2019, the Governor of Florida signed CS/CS/CS/SB 796 addressing Storm Protection Plan Cost Recovery, which was codified in Section 366.96, F.S. Therein, the Florida Legislature directed each utility to file a ten-year Storm Protection Plan ("SPP") that explains the storm hardening programs and projects the utility will implement to achieve the legislative objectives of reducing restoration costs and outage times associated with extreme weather events and enhancing reliability. *See* Section 366.96(3), F.S. The Florida Legislature also

20200092.EI Staff Hearing Exhibits 00002

directed the Commission to conduct an annual proceeding to determine the utility's prudently incurred SPP costs and to allow the utility to recover such costs through a charge separate and apart from its base rates, to be referenced as the Storm Protection Plan Cost Recovery Clause ("SPPCRC"). *See* Section 366.96(7), F.S.

2. Rule 25-6.030, F.A.C., requires each utility to file an updated SPP at least every three years that covers the utility's immediate ten-year planning period. Rule 25-6.031(2), F.A.C., provides that after a utility has filed its SPP it may petition the Commission for recovery of the costs associated with the SPP and implementation activities. Further, Section 366.96(8), F.S., and Rule 25-6.031(6)(b), F.A.C., provide that the SPP costs to be recovered through the SPPCRC may not include costs recovered through the utility's base rates or any other cost recovery mechanism.

3. On March 3, 2020, the Commission opened Docket No. 20200070-EI for the Gulf SPP and Docket No. 20200071-EI for the FPL SPP. On March 13, 2020, the Commission opened Docket No. 20200092-EI for the SPPCRC proceedings for all Investor Owned Utilities.

4. On April 10, 2020, FPL filed its Petition requesting Commission approval of the 2020-2029 SPP in Docket No. 2020071.

5. On April 10, 2020, Gulf filed its Petition requesting Commission approval of the 2020-2029 SPP in Docket No. 20200070.

6. On July 24, 2020, FPL filed its petition requesting Commission approval of the SPPCRC Factors to be applied to bills issued during the projected period of January 1, 2021 through December 31, 2021 ("2021 SPPCRC Factors"), together with the testimonies and exhibits of FPL witnesses Michael Jarro (Exs. MJ-1 and MJ-2), Liz Fuentes (Exs. LF-1 through LF-3), and Renae B. Deaton (Ex. RBD-1). On August 14, 2020, FPL filed an errata correcting an inadvertent error in Forms 4P and 5P of Appendix I to FPL Exhibit RBD-1.

7. On July 24, 2020, Gulf filed its petition requesting Commission approval of the SPPCRC Factors to be applied to bills issued during the projected period of January 1, 2021 through December 31, 2021 ("2021 SPPCRC Factors"), together with the testimonies and exhibits of Gulf witnesses Michael Spoor (Exs. MS-1 and MS-2), Liz Fuentes (Exs. LF-1 through LF-3), and Renae B. Deaton (Ex. RBD-1). On August 14, 2020, Gulf filed errata correcting inadvertent errors in (i) Forms 4P and 5P of Appendix I to Gulf Exhibit RBD-1, and (ii) Gulf Exhibit MS-2.

8. The parties have engaged in extensive discovery in both the SPP and SPPCRC dockets. Through this process, the Parties thoroughly reviewed and evaluated FPL's and Gulf's 2020-2029 SPPs and 2021 SPPCRC Factors.

9. On July 27, 2020, the Parties filed a Joint Motion for Approval of a Stipulation and Settlement Agreement ("Settlement") that (i) resolved all issues raised in the Gulf and FPL SPP dockets, Docket Nos. 20200070-EI and 20200071-EI, respectively, and (ii) partially resolves significant matters in the SPPCRC proceeding, Docket No. 20200092-EI. The Commission voted to approve the Settlement without modification at a hearing held on August 10, 2020.

10. The Commission-approved Settlement fully resolved the issue of whether the FPL and Gulf SPP costs to be recovered through the 2021 SPPCRC Factors in Docket No. 20200092-EI will include costs recovered through base rates. All other potential issues in Docket No. 20200092-EI were reserved in the Settlement for further review by the Parties; however, the Parties committed in their Joint Motion to work in earnest to review and, if possible, stipulate and settle any remaining issues in the SPPCRC docket, Docket No. 20200092-EI.

11. After an extensive review and evaluation of FPL's and Gulf's 2021 SPPCRC Factors and supporting schedules, as corrected by the errata submitted on August 14, 2020, the Parties ultimately entered into the proposed Agreement to resolve all remaining issues for FPL and Gulf in Docket No. 20200092-EI and agreed that there is a record basis for the Commission to

approve FPL's and Gulf's 2021 SPPCRC Factors subject to the terms and conditions specified in the proposed Agreement. The Parties hereby jointly request that the Commission review and approve the Agreement in its entirety and without modification.

12. The Commission has a "long history of encouraging settlements, giving great weight and deference to settlements, and enforcing them in the spirit in which they were reached by the parties." *Re Florida Power & Light Company*, Docket No. 20050045-EI, Order No. PSC-2005-0902-S-EI (FPSC Sept. 14, 2005). The proper standard for the Commission's approval of a settlement agreement is whether it is in the public interest. *Sierra Club v. Brown*, 243 So.3d 903, 910-913 (Fla. 2018) (citing *Citizens of State v. FPSC*, 146 So.3d 1143, 1164 (Fla. 2014)); *see also Gulf Coast Elec. Coop., Inc. v. Johnson*, 727 So.2d 259, 264 (Fla. 1999) ("[I]n the final analysis, the public interest is the ultimate measuring stick to guide the PSC in its decisions").[1]

13. The proposed Agreement represents a reasonable compromise of competing positions and is a full and complete resolution of all remaining matters relating to FPL and Gulf in Docket No. 20200092. If approved by the Commission, the Agreement will establish a series of stipulations that eliminate all issues to be litigated in Docket No. 20200092-EI with regard to FPL and Gulf.

14. The terms of the proposed Agreement acknowledge the collaborative and constructive results of the Settlement approved by the Commission on August 10, 2020, and reflect

[1] The Florida Supreme Court has explained that the "determination of what is in the public interest rests exclusively with the Commission." *Citizens*, 146 So.3d at 1173. The Commission has broad discretion in deciding what is in the public interest and may consider a variety of factors in reaching its decision. *See Re The Woodlands of Lake Placid L.P.*, Docket No. 20030102-WS, Order No. PSC-2004-1162-FOF-WS, p. 7, (FPSC Nov. 22, 2004); *In Re: Petition for approval of plan to bring generating units into compliance with the Clean Air Act by Gulf Power Company*, Docket No. 19921155-EI, Order No. PSC-1993-1376-FOF-EI, p. 15 (FPSC Sept. 20, 2003). However, the Commission is not required to resolve the merits of every issue independently. *Sierra Club*, 243 So.3d at 913 (citing Citizens, 146 So.3d at 1153). Rather, a "determination of public interest requires a case-specific analysis based on consideration of the proposed settlement taken as a whole." *In re: Petition for Rate Increase by Gulf Power Co.*, Docket No. 20160186-EI, Order No. PSC-2017-0178-S-EI, 2017 WL 2212158, at *6 (FPSC May 16, 2017).

the Parties' assessments of their respective litigation positions on the remaining potential issues, as well as their efforts to reach a reasonable and mutually acceptable compromise. The Parties entered into the proposed Agreement, each for their own reasons, but all in recognition that the cumulative total of the regulatory activity before the Commission – now and for the rest of 2020 and through 2021 – is anticipated to be greater than normal.

15. To maximize the administrative and regulatory efficiency benefits inherent in the proposed Agreement for the Parties, Staff, and the Commission, the Parties joint request that the Commission consider this Agreement as soon as its schedule permits, but in any event prior to the need to conduct extensive discovery in this docket and, if possible, before the September 4, 2020 date for Intervenors' testimony. The Parties will cooperate fully with Staff and will provide, in a timely manner, whatever information is necessary to enable Commission review of the Stipulation and Settlement Agreement.

16. Based on the foregoing, the Agreement represents a reasonable compromise of divergent positions and fully resolves all of the remaining issues for FPL and Gulf in Docket No. 20200092. Considered as a whole, the Agreement fairly and reasonably balances the interests of customers and the utilities, and is consistent with the stated purpose and intent of Section 366.96, F.S. Approving the Agreement is consistent with the Commission's long-standing policy of encouraging the settlement of contested proceedings in a manner that benefits the customers of utilities subject to the Commission's regulatory jurisdiction. Accordingly, the Agreement is in the public interest and should be approved.

17. Pursuant to Rule 28-106.204(3), F.A.C., the Parties have conferred with counsel for Duke Energy Florida, Tampa Electric Company, the Florida Industrial Power Users Group ("FIPUG"), and White Springs Agricultural Chemicals, Inc. d/b/a PCS Phosphate – White Springs ("PCS"). Each of these entities have advised that they take no position on the Agreement.

Notwithstanding, the Parties jointly submit that the proposed Agreement is in the public interest and should be approved in its entirety for the reasons stated above.[2]

WHEREFORE, for all the reasons stated above, the Office of Public Counsel, Florida Power & Light Company, Gulf Power Company, and Walmart Inc. jointly and respectfully request that the Florida Public Service Commission expeditiously approve the Stipulation and Settlement Agreement provided as Attachment A to this Joint Motion.

[SIGNATURES ON NEXT PAGE]

[2] The Florida Supreme Court has affirmed that the Commission has the authority and discretion to approve a non-unanimous settlement over the objections of intervenors if the Commission finds the settlement is in the public interest. *Citizens*, 146 So.3d at 1152-54; *see also S. Fla. Hosp. & Healthcare Ass'n v. Jaber*, 887 So.2d 1210, 1212–13 (Fla. 2004) (affirming the Commission's approval of a non-unanimous settlement agreement despite the absence of a full evidentiary hearing). The Florida Supreme Court has explained that "it would be unreasonable to allow a single holdout party that does not get its way on one issue during settlement negotiations to derail the entire settlement process if settlement is fully in the public's interest all along." *Sierra Club*, 243 So.3d at 913.

Respectfully submitted this 27th day of August, 2020,

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Christopher T. Wright
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FOR WALMART INC.

ATTACHMENT A
STIPULATION AND SETTLEMENT AGREEMENT

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Storm Protection Plan Cost Recovery Clause	Docket No. 20200092-EI Filed August 27, 2020

STIPULATION AND SETTLEMENT AGREEMENT

WHEREAS, Florida Power & Light Company ("FPL"), Gulf Power Company ("Gulf"), Citizens through the Office of Public Counsel ("OPC"), and Walmart Inc. ("Walmart") have signed this Stipulation and Settlement Agreement (the "Agreement"; unless the context clearly requires otherwise, the term "Party" or "Parties" means a signatory to this Agreement);

WHEREAS, On June 27, 2019, the Governor of Florida signed CS/CS/CS/SB 796 addressing Storm Protection Plan Cost Recovery, which was codified in Section 366.96, F.S.;

WHEREAS, the Florida Legislature found in Section 366.96(1)(c), F.S., that it was in the State's interest to "strengthen electric utility infrastructure to withstand extreme weather conditions by promoting the overhead hardening of electrical transmission and distribution facilities, the undergrounding of certain electrical distribution lines, and vegetation management," and for each electric utility to "mitigate restoration costs and outage times to utility customers when developing transmission and distribution storm protection plans." Section 366.96(1)(e), F.S.;

WHEREAS, the Florida Legislature directed each utility to file a ten-year Storm Protection Plan ("SPP") that explains the storm hardening programs and projects the utility will implement to achieve the legislative objectives of reducing restoration costs and outage times associated with extreme weather events and enhancing reliability. *See* Section 366.96(3), F.S.;

20200092.EI Staff Hearing Exhibits 00010

WHEREAS, The Florida Legislature directed the Florida Public Service Commission ("Commission") to conduct an annual proceeding to determine the utility's prudently incurred SPP costs and to allow the utility to recover such costs through a charge separate and apart from its base rates, to be referenced as the Storm Protection Plan Cost Recovery Clause ("SPPCRC"). *See* Section 366.96(7), F.S.;

WHEREAS, Rule 25-6.030, F.A.C., requires each utility to file an updated SPP at least every three years that covers the utility's immediate ten-year planning period and specifies the information to be included in each utility's SPP;

WHEREAS, Rule 25-6.031, F.A.C., provides that after a utility has filed its SPP it may petition the Commission for recovery of the costs associated with the SPP and implementation activities and specifies the information to be included in each utility's SPPCRC filings;

WHEREAS, Section 366.96(8), F.S., and Rule 25-6.031(6)(b), F.A.C., provide that the SPP costs to be recovered through the SPPCRC may not include costs recovered through the utility's base rates or any other cost recovery mechanism;

WHEREAS, on March 3, 2020, the Commission opened Docket No. 20200070-EI for the Gulf SPP and Docket No. 20200071-EI for the FPL SPP;

WHEREAS, on March 13, 2020, the Commission opened Docket No. 20200092-EI for the SPPCRC proceedings for all Investor Owned Utilities;

WHEREAS, on April 10, 2020, Gulf and FPL filed their 2020-2029 SPPs in Docket Nos. 20200070 and 20200071, respectively;

WHEREAS, on July 24, 2020, FPL filed its petition requesting Commission approval of the SPPCRC Factors to be applied to bills issued during the projected period of January 1, 2021 through December 31, 2021 ("2021 SPPCRC Factors"), together with the testimonies and exhibits of FPL witnesses Michael Jarro (Exhibits MJ-1 and MJ-2), Liz Fuentes (Exhibits LF-1 through LF-3), and Renae B. Deaton (Exhibit RBD-1);

WHEREAS, on August 14, 2020, FPL filed an errata correcting an inadvertent error in Forms 4P and 5P of Appendix I to FPL Exhibit RBD-1;

WHEREAS, on July 24, 2020, Gulf filed its petition requesting Commission approval of the SPPCRC Factors to be applied to bills issued during the projected period of January 1, 2021 through December 31, 2021 ("2021 SPPCRC Factors"), together with the testimonies and exhibits of Gulf witnesses Michael Spoor (Exhibits MS-1 and MS-2), Liz Fuentes (Exhibits LF-1 through LF-3), and Renae B. Deaton (Exhibit RBD-1);

WHEREAS, on August 14, 2020, Gulf filed errata correcting inadvertent errors in (i) Forms 4P and 5P of Appendix I to Gulf Exhibit RBD-1, and (ii) Gulf Exhibit MS-2;

WHEREAS, the Parties engaged in significant discovery in both the SPP and SPPCRC dockets, and have thoroughly reviewed and evaluated FPL's and Gulf's 2020-2029 SPPs and 2021 SPPCRC Factors;

WHEREAS, on July 27, 2020, the Parties filed a Joint Motion for Approval of a Stipulation and Settlement Agreement ("Settlement") that (i) resolved all issues raised in the Gulf and FPL SPP dockets, Docket Nos. 20200070-EI and 20200071-EI, respectively, and (ii) partially resolved significant matters in the SPPCRC proceeding, Docket No. 20200092-EI;

WHEREAS, the Commission approved the Settlement without modification at a hearing held on August 10, 2020;

WHEREAS, the Commission-approved Settlement fully resolved the issue of whether the FPL and Gulf FPL SPP costs to be recovered through the 2021 SPPCRC Factors in Docket No. 20200092-EI will include costs recovered through base rates, as well as the separate issue regarding rate design of the 2021 SPPCRC Factors in Docket No. 20200092-EI for FPL's and Gulf' rate classes that have base rate demand charges, and all other potential issues in Docket No. 20200092-EI were reserved for further review by the Parties;

WHEREAS, after an extensive review and evaluation of FPL's and Gulf's 2021 SPPCRC Factors and supporting schedules as corrected by the FPL and Gulf errata filed on August 14, 2020, the Parties to this Agreement have worked collaboratively to reach a full and complete resolution of all remaining matters for FPL and Gulf in Docket No. 20200092-EI and agree that there is a record basis for the Commission to approve FPL's and Gulf's 2021 SPPCRC Factors subject to the terms and conditions specified in this Agreement;

WHEREAS, the Parties have entered into this Agreement in compromise of positions taken in accord with their rights and interests under Chapters 350, 366, and 120, Florida Statutes, as applicable, and as a part of the negotiated exchange of consideration among the Parties to this Agreement each has agreed to concessions to the others with the expectation that all provisions of the Agreement will be enforced by the Commission as to all matters addressed herein with respect to all Parties regardless of whether a court ultimately determines such matters to reflect Commission policy, upon acceptance of the Agreement as provided herein and upon approval as in the public interest; and

NOW THEREFORE, in consideration of the foregoing and the covenants contained herein, the Parties hereby stipulate and agree:

FPL 2021 SPPCRC Factors

1. The Parties agree that the direct testimony and exhibits filed by FPL in Docket No. 20200092-EI as described above, and as corrected by the errata filed on August 14, 2020, should be inserted into the evidentiary record in Docket No. 20200092-EI and agree to waive cross examination of those witnesses. Walmart and OPC will not file testimony addressing FPL's petition for cost recovery in Docket No. 20200092-EI. Upon the admission of FPL's testimony and exhibits into the evidentiary record as specified in this paragraph, the Parties agree as provided in paragraphs 2 through 11, below.

2. The Parties agree that FPL's 2021 SPPCRC Factors are consistent with the Settlement approved by the Commission on August 10, 2020.

3. The Parties agree that, pursuant to the Settlement approved by the Commission on August 10, 2020, FPL's 2021 SPPCRC Factors are demand charges ($/kW) for rate classes that have base rate demand charges.

4. The Parties agree that FPL's costs included for recovery in the 2021 SPPCRC Factors are consistent with FPL's 2020-2029 SPP as modified by the Settlement approved by the Commission on August 10, 2020.

5. The Parties agree that the record supports a Commission finding that FPL's SPP projects projected to be performed during 2021, as provided on FPL Exhibit MJ-2, are reasonable,

20200092.EI Staff Hearing Exhibits 00014

consistent with FPL's 2020-2029 SPP as modified by the Settlement approved by the Commission on August 10, 2020, and eligible for recovery through the 2021 SPPCRC Factors, subject only to a prudence review in the final true-up of the 2021 SPPCRC Factors.

6. The Parties agree that FPL's calculation of the projected 2021 weighted average cost of capital ("WACC") to be applied to the 2021 SPPCRC capital investments, as provided in FPL Exhibit LF-3, is consistent with Commission Order No. PSC-2020-0165-PAA-EU, Docket No. 20200118-EU, issued on May 20, 2020, and should be approved.

7. The Parties agree that FPL's methodology for separating and allocating the costs to be recovered through the 2021 SPPCRC Factors is consistent with FPL's Cost of Service Study in the most recent retail rate case in Docket No. 20160021-EI, and should be approved.

8. The Parties agree that there is an evidentiary basis to approve the programing, administrative, and additional resources costs ("implementation costs") incurred for FPL to manage and track SPP projects on an annual basis, and that those costs are reasonable and eligible for recovery through the 2021 SPPCRC Factors, subject only to a prudence review of actual implementation costs in the final true-up of the 2021 SPPCRC Factors.

9. The Parties agree that the record supports a Commission finding that FPL's projected 2021 SPPCRC Factors, as shown on Form 5P to Appendix 1 of FPL Exhibit RBD-1 as corrected by the errata filed on August 14, 2020, are reasonable and should be approved, subject to true-up in a future SPPCRC proceeding. The Parties retain the right to challenge the prudence of the actual SPP costs incurred by FPL in the final true-up of the 2021 SPPCRC Factors.

20200092.EI Staff Hearing Exhibits 00015

10. The Parties agree that the effective date for billing purposes of FPL's proposed 2021 SPPCRC Factors specified above shall be January 1, 2021, and continuing until modified by subsequent order of this Commission.

11. The Parties agree that nothing in this Agreement shall be construed to prevent any Party from challenging the reasonableness and/or prudence of SPP costs in any future SPPCRC proceedings.

Gulf 2021 SPPCRC Factors

12. The Parties agree that the direct testimony and exhibits filed by Gulf in Docket No. 20200092-EI as described above, as corrected by the errata filed on August 14, 2020, should be inserted into the evidentiary record in Docket No. 20200092-EI and agree to waive cross examination of those witnesses. Walmart and OPC will not file testimony addressing Gulf's petition for cost recovery in Docket No. 20200092-EI. Upon the admission of Gulf's testimony and exhibits into the evidentiary record as specified in this paragraph, the Parties agree as provided in paragraphs 13 through 22, below.

13. The Parties agree that Gulf's 2021 SPPCRC Factors are consistent with the Settlement approved by the Commission on August 10, 2020.

14. The Parties agree that, pursuant to the Settlement approved by the Commission on August 10, 2020, Gulf's 2021 SPPCRC Factors are a demand charge ($/kW) for rate classes that have base rate demand charges.

15. The Parties agree that Gulf's costs included for recovery in the 2021 SPPCRC Factors are consistent with Gulf's 2020-2029 SPP as modified by the Settlement approved by the Commission on August 10, 2020.

16. The Parties agree that the record supports a Commission finding that Gulf's SPP projects projected to be performed during 2021, as provided in Gulf Exhibit MS-2 as corrected by the errata filed on August 14, 2020, are reasonable, consistent with Gulf's 2020-2029 SPP as modified by the Settlement approved by the Commission on August 10, 2020, and eligible for recovery through the 2021 SPPCRC Factors, subject only to a prudence review in the final true-up of the 2021 SPPCRC Factors.

17. The Parties agree that Gulf's calculation of the projected 2021 WACC to be applied to the 2021 SPPCRC capital investments, as provided in Gulf Exhibit LF-3, is consistent with Commission Order No. PSC-2020-0165-PAA-EU, Docket No. 20200118-EU, issued on May 20, 2020, and should be approved.

18. The Parties agree that Gulf's methodology for separating and allocating the costs to be recovered through the 2021 SPPCRC Factors is consistent with Gulf's Cost of Service Study in the most recent retail rate case in Docket No. 20160170-EI, and should be approved.

19. The Parties agree that there is an evidentiary basis to approve the implementation costs incurred for Gulf to manage and track SPP projects on an annual basis, and that those costs are reasonable and eligible for recovery through the 2021 SPPCRC Factors, subject only to a prudence review of actual implementation costs in the final true-up of the 2021 SPPCRC Factors.

20. The Parties agree that the record supports a Commission finding that Gulf's projected 2021 SPPCRC Factors, as shown on Form 5P to Appendix 1 of Gulf Exhibit RBD-1 as corrected by the errata filed on August 14, 2020, are reasonable and should be approved, subject to true-up in a future SPPCRC proceeding. The Parties retain the right to challenge the prudence of the actual SPP costs incurred by Gulf in the final true-up of the 2021 SPPCRC Factors.

21. The Parties agree that the effective date for billing purposes of Gulf's proposed 2021 SPPCRC Factors specified above shall be January 1, 2021, and continuing until modified by subsequent order of this Commission.

22. The Parties agree that nothing in this Agreement shall be construed to prevent any Party from challenging the reasonableness and/or prudence of SPP costs in any future SPPCRC proceedings.

OTHER PROVISIONS

23. Nothing in the Agreement will have precedential value.

24. The provisions of the Agreement are contingent upon approval by the Commission in its entirety without modification. Except as expressly set out herein, no Party agrees, concedes, or waives any position with respect to any of the issues identified in the Prehearing Order, and this Agreement does not expressly address any specific issue or any position taken thereon. The Parties will support approval of the Agreement and will not request or support any order, relief, outcome, or result in conflict with it. No Party to the Agreement will request, support, or seek to impose a change to any provision of the

Agreement. Approval of the Agreement in its entirety will resolve all matters and issues in this docket. This docket will be closed effective on the date that the Commission Order approving this Agreement is final, and no Party to the Agreement will seek appellate review of any order issued in this docket.

25. The Parties agree that approval of the Agreement is in the public interest.

26. This Agreement may be executed in counterpart originals, and a scanned .pdf copy of an original signature shall be deemed an original. Any person or entity that executes a signature page to this Agreement shall become and be deemed a Party with the full range of rights and responsibilities provided hereunder, notwithstanding that such person or entity is not listed in the first recital above and executes the signature page subsequent to the date of this Agreement, it being expressly understood that the addition of any such additional Party(ies) shall not disturb or diminish the benefits of this Agreement to any current Party.

In Witness Whereof, the Parties evidence their acceptance and agreement with the provisions of this Agreement by their signature.

FLORIDA POWER & LIGHT COMPANY

By: _____

R. Wade Litchfield
Vice President and General Counsel
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700 Universe Boulevard
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OFFICE OF PUBLIC COUNSEL

By: _____

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The Florida Legislature
111 West Madison Street, Room 812
Tallahassee, FL 32899-1400

GULF POWER COMPANY

By: _____

Russell A. Badders
VP & Associate General Counsel
Gulf Power Company
One Energy Place
Pensacola, FL 32520

WALMART INC.

By: */s/Stephanie U. Eaton*

Stephanie U. Eaton
Spilman Thomas & Battle, PLLC
110 Oakwood Drive, Suite 500
Winston-Salem, NC 27103

In Witness Whereof, the Parties evidence their acceptance and agreement with the provisions of this Agreement by their signature.

FLORIDA POWER & LIGHT COMPANY

By: _____

R. Wade Litchfield
Vice President and General Counsel
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408-0420

OFFICE OF PUBLIC COUNSEL

By: _____

J.R. Kelly
The Florida Legislature
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110 Oakwood Drive, Suite 500
Winston-Salem, NC 27103

20200092.EI Staff Hearing Exhibits 00022

CERTIFICATE OF SERVICE
Docket Nos. 20200070, 20200071, 20200092

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic service on this 27th day of August 2020 to the following:

Shaw Stiller, Esquire Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399 sstiller@psc.state.fl.us ***For Commission Staff***	Office of Public Counsel c/o The Florida Legislature 111 West Madison Street, Room 812 Tallahassee, FL 32399-1400 kelly.jr@leg.state.fl.us rehwinkel.charles@leg.state.fl.us christensen.patty@leg.state.fl.us david.tad@leg.state.fl.us morse.stephanie@leg.state.fl.us fall-fry.mireille@leg.state.fl.us ***For Office of Public Counsel***
John T. Burnett Vice President and Deputy General Counsel Jason A. Higginbotham Senior Attorney Florida Power & Light Company 700 Universe Boulevard Juno Beach, FL 33408-0420 Email: john.t.burnett@fpl.com Email: jason.higginbotham@fpl.com Russell A. Badders Vice President & Associate General Counse Gulf Power Company One Energy Place Pensacola, FL 32520 Email: russell.badders@nexteraenergy.com ***For Gulf Power Company***	Dianne M. Triplett Deputy General Counsel Duke Energy Florida, LLC 299 First Avenue North St. Petersburg, FL 33701 E: Dianne.Triplett@Duke-Energy.com Matthew R. Bernier Associate General Counsel Duke Energy Florida, LLC 106 E. College Avenue, Suite 800 Tallahassee, FL 32301 E: Matthew.Bernier@Duke-Energy.com FLRegulatoryLegal@Duke-Energy.com ***For Duke Energy Florida, LLC***

John T. Burnett Vice President and Deputy General Counsel Christopher T. Wright Senior Attorney Florida Power & Light Company 700 Universe Boulevard Juno Beach, FL 33408-0420 Phone: 561-691-7144 Fax: 561-691-7135 Email: john.t.burnett@fpl.com Email: christopher.wright@fpl.com ***For Florida Power & Light Company***	James D. Beasley J. Jeffrey Wahlen Malcolm M. Means Ausley McMullen Post Office Box 391 Tallahassee, Florida 32302 Email: jbeasley@ausley.com Email: jwahlen@ausley.com Email: mmeans@ausley.com Ms. Paula K. Brown Regulatory Affairs P. O. Box 111 Tampa FL 33601-0111 regdept@tecoenergy.com ***For Tampa Electric Company***
Jon C. Moyle, Jr. Karen A. Putnal Moyle Law Firm, P.A. 118 North Gadsden Street Tallahassee, Florida 32301 Telephone: (850) 681-3828 Facsimile: (850) 681-8788 jmoyle@moylelaw.com kputnal@moylelaw.com mqualls@moylelaw.com ***For Florida Industrial Power Users Group***	Stephanie U. Eaton Spilman Thomas & Battle, PLLC 110 Oakwood Drive, Suite 500 Winston-Salem, NC 27103 seaton@spilmanlaw.com Derrick Price Williamson Spilman Thomas & Battle, PLLC 1100 Bent Creek Boulevard, Suite 101 Mechanicsburg, PA 17050 dwilliamson@spilmanlaw.com ***For Walmart Inc.***
James W. Brew Laura Wynn Baker Stone Mattheis Xenopoulos & Brew, PC 1025 Thomas Jefferson Street, NW Suite 800 West Washington, DC 20007-5201 jbrew@smxblaw.com lwb@smxblaw.com ***For PCS Phosphate - White Springs***	

/s/Christopher T. Wright
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