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April 1, 2022

VIA: ELECTRONIC FILING

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

Re: Storm Protection Plan Cost Recovery Clause;
FPSC Docket No. 20220010-EI

Dear Mr. Teitzman:

Attached for filing in the above docket on behalf of Tampa Electric Company are the Testimony of Mark R. Roche, Exhibit MRR-1, entitled "Schedules Supporting Storm Protection Cost Recovery Factor, Actual for the period January 2021 – December 2021", and the Testimony of David L. Plusquellic, Exhibit DLP-1 entitled, "Tampa Electric Company, 2021 Storm Protection Plan Accomplishments".

Thank you for your assistance in connection with this matter.

Sincerely,

Malcolm N. Means

MNM/bmp
Attachment

cc: All Parties of Record

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Storm Protection Plan Cost Recovery reports, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 1st day of April 2022 to the following:

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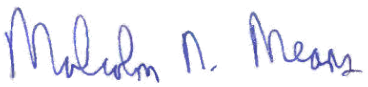

ATTORNEY

BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20220010-EI

IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE

TESTIMONY AND EXHIBIT

OF

MARK R. ROCHE

FILED: April 1, 2022

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

MARK R. ROCHE

Q. Please state your name, address, occupation and employer.

A. My name is Mark R. Roche. My business address is 702 North Franklin Street, Tampa, Florida 33602. I am employed by Tampa Electric Company ("Tampa Electric" or "the company") as Manager, Regulatory Rates in the Regulatory Affairs Department.

Q. Please provide a brief outline of your educational background and business experience.

A. I graduated from Thomas Edison State College in 1994 with a Bachelor of Science degree in Nuclear Engineering Technology and from Colorado State University in 2009 with a Master's degree in Business Administration. My work experience includes twelve years with the US Navy in nuclear operations as well as twenty-four years of electric utility experience. My utility work has included various positions in Marketing and Sales, Customer Service, Distributed Resources, Load Management,

Power Quality, Distribution Control Center Operations, Meter Department, Meter Field Operations, Service Delivery, Revenue Assurance, Commercial and Industrial Energy Management Services, Demand Side Management ("DSM") and Storm Protection Plan ("SPP") Planning and Forecasting. In my current position, I am responsible for Tampa Electric's Energy Conservation Cost Recovery ("ECCR") Clause and Storm Protection Plan Cost Recovery Clause ("SPPCRC").

Q. What is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is to present and support for Commission review and approval the company's actual SPP programs related true-up costs incurred during the January through December 2021 period.

Q. Did you prepare any exhibits in support of your testimony?

A. Yes. Exhibit No. MRR-1, entitled "Tampa Electric Company, Schedules Supporting Storm Protection Cost Recovery Factor, Actual for the period January 2021-December 2021" was prepared under my direction and supervision. This Exhibit includes Schedules A-1 through

A-9 which support the company's actual and prudent SPP program related true-up costs incurred during the January through December 2021 period.

Q. Will any other witnesses testify in support of Tampa Electric's actual January through December 2021 SPP costs?

A. Yes. David L. Plusquellic will testify on the actual 2021 SPP program achievements and provide specific detail regarding variances that support Tampa Electric's actual January through December 2021 SPPCRC costs.

Q. What were the actual SPPCRC costs incurred by Tampa Electric in the period of January through December 2021?

A. For the period of January through December 2021, Tampa Electric incurred actual SPPCRC costs of $115,236,172.

Q. What were the actual SPPCRC jurisdictionally separated revenue requirements incurred by Tampa Electric in the period of January through December 2021?

A. For the period of January through December 2021, Tampa Electric incurred actual SPPCRC jurisdictionally

separated revenue requirements of $29,396,966 as detailed in Schedule A-2 page 1 of 1.

Q. What is the final end of period true-up amount for the SPPCRC for January through December 2021?

A. The final SPPCRC end of period true-up for January through December 2021 is an over-recovery, including interest, of $5,382,963. This calculation is detailed on Schedule A-1, page 1 of 1.

Q. Please summarize how Tampa Electric's SPPCRC actual jurisdictionally separated revenue requirement program costs for January through December 2021 period compared to the actual/estimated costs presented in Docket No. 20210010-EI?

A. For the period, January through December 2021, Tampa Electric had a variance of $4,511,433 or 13.3 percent less than the estimated amount. The estimated total SPPCRC jurisdictionally separated revenue requirement program costs were projected to be $33,908,399 which was the amount approved in Order No. PSC 2020-0293—AS-EI, issued August 28, 2020, as compared to the incurred actual jurisdictionally separated revenue requirement

SPPCRC costs of $29,396,966.

Q. Please summarize the reasons why the actual jurisdictionally separated revenue requirement expenses were less than projected expenses by $4,511,433?

A. Each SPP program's detailed variance and common variance contribution is shown on Schedules A-4, Page 1 of 1 and A-6, Page 1 of 1. The variance explanations that summarize why the actual expenses were less than projected are detailed in the testimony of David L. Plusquellic.

Q. Are all costs listed on Schedules A-5 and A-7 directly related to the Commission's approved SPP programs?

A. Yes.

Q. When did Tampa Electric initiate SPP activities with the Commission approved 2020-2029 Ten-Year SPP?

A. Tampa Electric initiated some SPP activities after the filing of the 2020-2029 SPP on April 10, 2020, to prepare for the full implementation following the Commission's approval of the company's 2020-2029 SPP.

Q. Did the company include any costs that are currently recovered in base rates?

A. No, the company entered into the 2020 Settlement Agreement, which was approved by the Commission on June 9, 2020. The 2020 Settlement Agreement ensures that no SPP costs recovered through the SPPCRC are also recovered through base rates.

Q. Should Tampa Electric's costs incurred during the January through December 2021 period for the SPPCRC be approved by the Commission?

A. Yes, the SPPCRC costs incurred were prudent and directly related to the Commission's approved SPP programs and should be approved.

Q. Does that conclude your testimony?

A. Yes, it does.

TAMPA ELECTRIC COMPANY

SCHEDULES SUPPORTING

STORM PROTECTION COST RECOVERY FACTOR

ACTUAL

JANUARY 2021 - DECEMBER 2021

STORM PROTECTION COST RECOVERY

INDEX

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2021

Form A-1
Page 1 of 1

Summary of Prior Period Final True-Up
(in Dollars)

Line		Period Amount
1.	Over/(Under) Recovery for the Current Period (Form A-2, Line 5)	$ 5,382,098
2.	Interest Provision (Form A-2, Line 6)	$ 865
3.	Sum of Prior Period Adjustments (Form A-2, Line 10)	$ 0
4.	End of Period Actual True-Up for the Prior Period January 2021 to December 2021 (Lines 1 + 2 + 3)	$ 5,382,963
5.	Actual/Estimated True-Up Amount Approved for the Period January 2021 to December 2021 (Order No. PSC-2021-0324-FOF-EI)	$ 443,115
6.	Prior Period True-Up Amount to be Refunded/(Recovered) in the Projection Period January 2023 to December 2023 (Lines 4 - 5)	$ 4,939,848
7.	Allocation of True-Up to Energy and Demand Based on Variances	

		Energy	Demand	Variance
a.	SPPCRC Form 4A and SPPCRC Form 6A, Line 12 and Line 7 respectively	$ -	$ (3,685,552)	$ (3,685,552)
b.	Percent of Variance Contribution	0.00000%	100.000000%	100.00000%
c.	Line 5b x Line 4	$ -	$ 4,939,848	$ 4,939,848

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2021

Form A-2
Page 1 of 1

Calculation of True-Up Amount
(in Dollars)

Line		Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Clause Revenues (net of Revenue Taxes)	$ 3,096,934	$ 2,895,738	$ 2,825,863	$ 3,023,739	$ 3,380,452	$ 3,785,647	$ 3,880,374	$ 4,014,592	$ 4,107,646	$ 3,730,672	$ 3,165,840	$ 2,858,263	$ 40,765,761
2.	True-Up Provision	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,895)	(5,986,696)
3.	Clause Revenues Applicable to Period (Lines 1 + 2)	2,598,043	2,396,847	2,326,972	2,524,848	2,881,561	3,286,756	3,381,483	3,515,701	3,608,755	3,231,781	2,666,949	2,359,368	34,779,065
4.	Jurisdictional SPPCRC Costs													
a.	O&M Activities (Form 5A, Line 13) (A)	1,756,739	1,634,769	2,314,452	2,129,942	1,727,555	2,462,241	1,973,349	1,978,849	1,946,902	2,071,729	2,308,642	2,760,925	25,066,093
b.	Capital Investment Projects (Form 7A, Line 7.c.)	115,309	144,784	176,378	207,451	244,474	340,961	359,876	411,356	471,121	542,011	617,654	699,498	4,330,872
c.	Total Jurisdictional SPPCRC Costs	1,872,048	1,779,553	2,490,830	2,337,393	1,972,028	2,803,202	2,333,225	2,390,205	2,418,022	2,613,740	2,926,296	3,460,423	29,396,966
5.	Over/Under Recovery (Line 3 - Line 4c)	725,995	617,294	(163,858)	187,455	909,532	483,554	1,048,258	1,125,496	1,190,733	618,041	(259,347)	(1,101,055)	5,382,098
6.	Interest Provision (Form A-3, Line 10)	(395)	(289)	(199)	(158)	(47)	13	92	156	239	371	548	534	865
7.	Beginning Balance True-Up & Interest Provision	(4,996,136)	(3,771,645)	(2,655,749)	(2,320,915)	(1,634,727)	(226,351)	756,107	2,303,348	3,927,891	5,617,754	6,735,057	6,975,149	(4,996,136)
a.	Deferred True-Up from January to December 2020 (Order No. PSC-2021-0324-FOF-EI)	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	True-Up Collected/(Refunded) (see Line 2)	498,891	498,891	498,891	498,891	498,891	498,891	498,891	498,891	498,891	498,891	498,891	498,895	5,986,696
9.	End of Period Total True-Up (Lines 5+6+7+7a+8)	(3,771,645)	(2,655,749)	(2,320,915)	(1,634,727)	(226,351)	756,107	2,303,348	3,927,891	5,617,754	6,735,057	6,975,149	6,373,523	6,373,523
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)	$ (3,771,645)	$ (2,655,749)	$ (2,320,915)	$ (1,634,727)	$ (226,351)	$ 756,107	$ 2,303,348	$ 3,927,891	$ 5,617,754	$ 6,735,057	$ 6,975,149	$ 6,373,523	$ 6,373,523

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DOCKET NO. 20220010-EI
FINAL SPPCRC 2021 TRUE-UP
EXHIBIT MRR-1, SCHEDULE FORM A-2, PAGE 1 OF 1

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2021

Calculation of Interest Provision for True-Up Amount
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1. Beginning True-Up Amount (Form A-2, Line 7+7a+10)	$ (4,996,136)	$ (3,771,645)	$ (2,655,749)	$ (2,320,915)	$ (1,634,727)	$ (226,351)	$ 756,107	$ 2,303,348	$ 3,927,891	$ 5,617,754	$ 6,735,057	$ 6,975,149	
2. Ending True-Up Amount Before Interest	(3,771,250)	(2,655,460)	(2,320,716)	(1,634,569)	(226,304)	756,094	2,303,256	3,927,735	5,617,515	6,734,686	6,974,601	6,372,989	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	(8,767,386)	(6,427,105)	(4,976,465)	(3,955,484)	(1,861,031)	529,743	3,059,363	6,231,083	9,545,406	12,352,440	13,709,658	13,348,138	
4. Average True-Up Amount (Line 3 x 1/2)	(4,383,693)	(3,213,553)	(2,488,233)	(1,977,742)	(930,516)	264,872	1,529,682	3,115,542	4,772,703	6,176,220	6,854,829	6,674,069	
5. Interest Rate (First Day of Reporting Business Month)	0.10%	0.12%	0.09%	0.11%	0.07%	0.04%	0.08%	0.06%	0.06%	0.07%	0.08%	0.11%	
6. Interest Rate (First Day of Subsequent Business Month)	0.12%	0.09%	0.11%	0.07%	0.04%	0.08%	0.06%	0.06%	0.07%	0.08%	0.11%	0.08%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.22%	0.21%	0.20%	0.18%	0.11%	0.12%	0.14%	0.12%	0.13%	0.15%	0.19%	0.19%	
8. Average Interest Rate (Line 7 x 1/2)	0.110%	0.105%	0.100%	0.090%	0.055%	0.060%	0.070%	0.060%	0.065%	0.075%	0.095%	0.095%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.009%	0.009%	0.008%	0.008%	0.005%	0.005%	0.006%	0.005%	0.005%	0.006%	0.008%	0.008%	
10. Interest Provision for the Month (Line 4 x Line 9)	$ (395)	$ (289)	$ (199)	$ (158)	$ (47)	$ 13	$ 92	$ 156	$ 239	$ 371	$ 548	$ 534	$ 865

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2021

Form A-4
Page 1 of 1

Variance Report of Annual O&M Costs by Program (Jurisdictional)
(In Dollars)

Line		(1) Actual	(2) Estimated Actual	(3) Variance Amount	(4) Variance Percent
1.	Vegetation Management O&M Programs				
	1. Distribution Vegetation Management - Planned	$ 19,386,995	$ 19,793,075	$ (406,080)	-2.1%
	2. Transmission Vegetation Management - Planned	3,033,806	3,545,212	(511,406)	-14.4%
	3. Transmission Vegetation Management - ROW	2,959	199,998	(197,039)	-98.5%
		-	-	-	0.0%
1.a	Subtotal of Vegetation Management Programs	$ 22,423,761	$ 23,538,285	$ (1,114,525)	-4.7%
2.	Asset Upgrade O&M Programs				
	1. Transmission Asset Upgrades	$ 234,254	$ 412,913	$ (178,659)	-43.3%
		-	-	-	0.0%
2.a	Subtotal of Asset Upgrade O&M Programs	$ 234,254	$ 412,913	$ (178,659)	-43.3%
3	Substation Protection O&M Programs				
	1. Substation Extreme Weather Protection	$ 143,432	$ 250,000	$ (106,568)	-42.6%
		-	-	-	0.0%
3.a	Subtotal of Substation Protection O&M Programs	$ 143,432	$ 250,000	$ (106,568)	-42.6%
4.	Overhead Feeder Hardening Programs				
	1. Distribution Overhead Feeder Hardening	$ 74,458	$ 465,592	$ (391,133)	-84.0%
		-	-	-	0.0%
4.a	Subtotal of Overhead Feeder Hardening Programs	$ 74,458	$ 465,592	$ (391,133)	-84.0%
5.	Transmission Access O&M Programs				
	1. Transmission Access Enhancement	$ -	$ -	$ -	0.0%
		-	-	-	0.0%
5.a	Subtotal of Transmission Access O&M Programs	$ -	$ -	$ -	0.0%
6.	Infrastructure Inspection O&M Programs				
	1. Distribution Infrastructure Inspections	$ 573,612	$ 593,036	$ (19,425)	-3.3%
	2. Transmission Infrastructure Inspections	531,742	581,430	(49,688)	-8.5%
		-	-	-	0.0%
6.a	Subtotal of Infrastructure Inspection O&M Programs	$ 1,105,354	$ 1,174,467	$ (69,112)	-5.9%
7.	Common SPP O&M Programs				
	1. Common O&M (A)	$ 1,228,626	$ 1,134,769	$ 93,858	8.3%
		-	-	-	0.0%
7.a	Subtotal of Common SPP O&M Programs	$ 1,228,626	$ 1,134,769	$ 93,858	8.3%
8.	Lateral Undergrounding O&M Programs				
	1. Distribution Lateral Undergrounding	$ 138,511	$ -	$ 138,511	100.0%
		-	-	-	0.0%
8.a	Subtotal of Lateral Undergrounding O&M Programs	$ 138,511	$ -	$ 138,511	100.0%
9.	Total of O&M Programs	$ 25,348,396	$ 26,976,025	$ (1,766,139)	-6.5%
10.	Allocation of O&M Costs				
	a. Distribution O&M Allocated to Demand	$ 21,545,637	$ 22,236,474		
	b. Transmission O&M Allocated to Demand	3,802,761	4,739,554		
	c. Distribution O&M Allocated to Energy	-	-		
	d. Transmission O&M Allocated to Energy	-	-		
11.	a. Less 2020 Base Revenue O&M Threshold - Distribution	-	-		
	b. Less 2020 Base Revenue O&M Threshold - Transmission	-	-		
	c. Total Threshold Amount Removed (B)	$ -	$ -		
12.	Retail Jurisdictional Factors				
	a. Distribution Demand Jurisdictional Factor	1.0000000	1.0000000		
	b. Transmission Demand Jurisdictional Factor	0.9257632	0.9257632		
	c. Distribution Energy Jurisdictional Factor	0.0000000	0.0000000		
	d. Transmission Energy Jurisdictional Factor	0.0000000	0.0000000		
13.	Jurisdictional Revenue Requirements				
	a. Jurisdictional Distribution Demand Revenue Requirement	$ 21,545,637	$ 22,236,474	$ (690,837)	-3.1%
	b. Jurisdictional Transmission Demand Revenue Requirement	3,520,456	4,387,705	(867,249)	-19.8%
	c. Jurisdictional Distribution Energy Revenue Requirement	-	-	-	0.0%
	d. Jurisdictional Transmission Energy Revenue Requirement	-	-	-	0.0%
14.	Total Jurisdictional O&M Revenue Requirements	$ 25,066,093	$ 26,624,179	$ (1,558,086)	-5.9%

Notes:
Column (1) is the End of Period Totals on SPPCRC Form 5A
Column (2) is amount shown on Form 5E End of Period Totals based on Order No. PSC-2021-0324-FOF-EI.
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Calculation of Current Period Actual/Estimated Amount
Current Period: January through December 2021

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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual 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	$ 1,337,753	$ 1,132,497	$ 1,624,796	$ 1,579,004	$ 1,358,072	$ 1,767,011	$ 1,566,857	$ 1,470,165	$ 1,565,578	$ 1,749,467	$ 1,833,151	$ 2,402,645	$ 19,386,995	100%	0%
	2. Transmission Vegetation Management - Planned	T	$ 186,492	$ 257,661	$ 372,042	$ 303,913	$ 287,436	$ 324,340	$ 185,517	$ 226,124	$ 165,954	$ 237,134	$ 304,432	$ 182,762	$ 3,033,806	100%	0%
	3. Transmission Vegetation Management - ROW	T	$ 64,529	$ (75,141)	$ 4,924	$ 4,651	$ 3,996	$ 0	$ 0	$ 0	$ 10,005	$ (10,005)	$ 0	$ 0	$ 2,959	100%	0%
1.a.	Adjustment		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	100%	0%
1.b.	Subtotal of Vegetation Management Programs		$ 1,588,773	$ 1,315,016	$ 2,001,762	$ 1,887,567	$ 1,649,505	$ 2,091,350	$ 1,752,373	$ 1,696,289	$ 1,741,538	$ 1,976,596	$ 2,137,583	$ 2,585,406	$ 22,423,761		
2.	Asset Upgrade O&M Programs		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0			
	1. Transmission Asset Upgrades	T	$ 53,584	$ 43,936	$ 33,999	$ 10,740	$ 22,533	$ 33,505	$ 28,676	$ (2,944)	$ 3,889	$ 5,946	$ 945	$ (555)	$ 234,254	100%	0%
2.a.	Adjustment		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	100%	0%
2.b.	Subtotal of Asset Upgrade O&M Programs		$ 53,584	$ 43,936	$ 33,999	$ 10,740	$ 22,533	$ 33,505	$ 28,676	$ (2,944)	$ 3,889	$ 5,946	$ 945	$ (555)	$ 234,254		
3.	Substation Protection O&M Programs																
	1. Substation Extreme Weather Protection	D	$ 0	$ 1,074	$ 0	$ 1,242	$ 251	$ 3,333	$ 55,957	$ 81,197	$ 0	$ 0	$ 377	$ 0	$ 143,432	100%	0%
3.a.	Adjustment		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	100%	0%
3.b.	Subtotal of Substation Protection O&M Programs		$ 0	$ 1,074	$ 0	$ 1,242	$ 251	$ 3,333	$ 55,957	$ 81,197	$ 0	$ 0	$ 377	$ 0	$ 143,432		
4.	Overhead Feeder Hardening Programs																
	1. Distribution Overhead Feeder Hardening	D	$ 16,556	$ 17,370	$ 19,147	$ 858	$ 514	$ 14,191	$ 1,861	$ (3,547)	$ 793	$ 4,182	$ 1,510	$ 1,025	$ 74,458	100%	0%
4.a.	Adjustment		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	100%	0%
4.b.	Subtotal of Overhead Feeder Hardening Programs		$ 16,556	$ 17,370	$ 19,147	$ 858	$ 514	$ 14,191	$ 1,861	$ (3,547)	$ 793	$ 4,182	$ 1,510	$ 1,025	$ 74,458		
5.	Transmission Access O&M Programs																
	1. Transmission Access Enhancement	T	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	100%	0%
5.a.	Adjustment		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	100%	0%
5.b.	Subtotal of Transmission Access O&M Programs		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0		
6.	Infrastructure Inspection O&M Programs																
	1. Distribution Infrastructure Inspections	D	$ 38,707	$ 189,587	$ 183,831	$ 139,901	$ (72,545)	$ 239	$ 84,706	$ 270	$ 1,765	$ 6,741	$ 176	$ 233	$ 573,612	100%	0%
	2. Transmission Infrastructure Inspections	T	$ 23,015	$ 37,108	$ 44,226	$ 61,168	$ 34,328	$ 136,072	$ 49,083	$ 30,131	$ 26,538	$ 28,579	$ 22,376	$ 39,120	$ 531,742	100%	0%
6.a.	Adjustment		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	100%	0%
6.b.	Subtotal of Infrastructure Inspection O&M Programs		$ 61,722	$ 226,696	$ 228,057	$ 201,069	$ (38,217)	$ 136,311	$ 133,788	$ 30,400	$ 28,302	$ 35,320	$ 22,552	$ 39,353	$ 1,105,354		
7.	Common SPP O&M Programs																
	1. Common O&M	D	$ 60,425	$ 50,244	$ 63,296	$ 53,506	$ 48,158	$ 100,877	$ 111,891	$ 191,623	$ 181,871	$ 64,387	$ 156,794	$ 145,556	$ 1,228,626	100%	0%
7.a.	Adjustment		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	100%	0%
7.b.	Subtotal of Common SPP O&M Programs		$ 60,425	$ 50,244	$ 63,296	$ 53,506	$ 48,158	$ 100,877	$ 111,891	$ 191,623	$ 181,871	$ 64,387	$ 156,794	$ 145,556	$ 1,228,626		
8.	Lateral Undergrounding O&M Programs																
	1. Distribution Lateral Undergrounding	D	$ 0	$ 0	$ 1,983	$ 3,203	$ 70,668	$ 119,339	$ (91,653)	$ 4,635	$ 5,831	$ 4,722	$ 13,212	$ 6,571	$ 138,511	100%	0%
8.a.	Adjustment		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	100%	0%
8.b.	Subtotal of Lateral Undergrounding O&M Programs		$ 0	$ 0	$ 1,983	$ 3,203	$ 70,668	$ 119,339	$ (91,653)	$ 4,635	$ 5,831	$ 4,722	$ 13,212	$ 6,571	$ 138,511		
9.	Total of O&M Programs		$ 1,781,060	$ 1,654,335	$ 2,348,244	$ 2,158,187	$ 1,753,411	$ 2,498,907	$ 1,992,894	$ 1,997,654	$ 1,962,223	$ 2,091,153	$ 2,332,973	$ 2,777,356	$ 25,348,396		
	a. Total Distribution O&M Programs		$ 1,453,441	$ 1,390,771	$ 1,893,053	$ 1,777,716	$ 1,405,118	$ 2,004,990	$ 1,729,619	$ 1,744,343	$ 1,755,837	$ 1,829,500	$ 2,005,219	$ 2,556,030	$ 21,545,637		
	b. Total Transmission O&M Programs		$ 327,619	$ 263,564	$ 455,192	$ 380,471	$ 348,293	$ 493,917	$ 263,275	$ 253,311	$ 206,386	$ 261,653	$ 327,754	$ 221,326	$ 3,802,761		
10.	Allocation of O&M Costs																
	a. Distribution O&M Allocated to Demand		$ 1,453,441	$ 1,390,771	$ 1,893,053	$ 1,777,716	$ 1,405,118	$ 2,004,990	$ 1,729,619	$ 1,744,343	$ 1,755,837	$ 1,829,500	$ 2,005,219	$ 2,556,030	$ 21,545,637		
	b. Transmission O&M Allocated to Demand		$ 327,619	$ 263,564	$ 455,192	$ 380,471	$ 348,293	$ 493,917	$ 263,275	$ 253,311	$ 206,386	$ 261,653	$ 327,754	$ 221,326	$ 3,802,761		
	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		
11.	a. Less 2021 Base Revenue O&M Threshold - Distribution		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0		
	b. Less 2021 Base Revenue O&M Threshold - Transmission		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0		
	c. Total Threshold Amount Removed		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0		
12.	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		0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632			
	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			
13.	Jurisdictional Revenue Requirements																
	a. Jurisdictional Distribution Demand Revenue Requirement		$ 1,453,441	$ 1,390,771	$ 1,893,053	$ 1,777,716	$ 1,405,118	$ 2,004,990	$ 1,729,619	$ 1,744,343	$ 1,755,837	$ 1,829,500	$ 2,005,219	$ 2,556,030	$ 21,545,637		
	b. Jurisdictional Transmission Demand Revenue Requirement		$ 303,298	$ 243,998	$ 421,399	$ 352,226	$ 322,437	$ 457,251	$ 243,730	$ 234,506	$ 191,065	$ 242,229	$ 303,423	$ 204,895	$ 3,520,456		
	c. Jurisdictional Distribution Energy Revenue Requirement		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0		
	d. Jurisdictional Transmission Energy Revenue Requirement		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0		
14.	Total Jurisdictional O&M Revenue Requirements		$ 1,756,739	$ 1,634,769	$ 2,314,452	$ 2,129,942	$ 1,727,555	$ 2,462,241	$ 1,973,349	$ 1,978,849	$ 1,946,902	$ 2,071,729	$ 2,308,642	$ 2,760,925	$ 25,066,093		

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2021
Project Listing by Each O&M Program

Line	O&M Activities	Spend	T or D
1.	Vegetation Management O&M Programs		
	1.1 Distribution Vegetation Management - Planned		
	D-PRE-Tree Trimming-Planned	$13,470,527	D
	SPP - Supplemental Dist Ckt VM	$4,782,733	D
	SPP - Mid Cycle Dist VM	$1,133,735	D
	1.2 Transmission Vegetation Management - Planned		
	T-PRE-ROW Clearance	$2,959	T
	T-PRE-Tree Trimming/Removals-Plann	$2,169,124	T
	SPP - Trans 69kV VM Reclamation	$861,995	T
	SPP - Trans VGM Planned NERC Patrol	$2,687	T
2.	Asset Upgrade O&M Programs		
	2.1 Transmission Asset Upgrades		
	SPP TAU - Circuit 66654	$0	T
	SPP TAU - Circuit 66840	$45	T
	SPP TAU - Circuit 66007	$4,650	T
	SPP TAU - Circuit 66019	$13,590	T
	SPP TAU - Circuit 66425	$1,807	T
	SPP TAU - Circuit 230403	$0	T
	SPP TAU - Circuit 66413	$6,837	T
	SPP TAU - Circuit 66046	$24,665	T
	SPP TAU - Circuit 66059	$3,071	T
	SPP TAU - Circuit 230008	$21,238	T
	SPP TAU - Circuit 230010	$0	T
	SPP TAU - Circuit 230038	$0	T
	SPP TAU - Circuit 230003	$32,331	T
	SPP TAU - Circuit 230005	$15,032	T
	SPP TAU - Circuit 230004	$23,387	T
	SPP TAU - Circuit 230625	$7,196	T
	SPP TAU - Circuit 230021	$10,891	T
	SPP TAU - Circuit 230052	$3,656	T
	SPP TAU - Circuit 66024	$41,231	T
	SPP TAU - Circuit 230608	$24,625	T
3.	Substation Protection O&M Programs		
	3.1 Substation Extreme Weather Protection		
	SPP SEW O&M - Sub Dist	$143,432	D
4	Overhead Feeder Hardening O&M Programs		
	4.1 Distribution Overhead Feeder Hardening		
	SPP FH - E Winterhaven 13308	$16,671	D
	SPP FH - Knights 13807	$27,218	D
	SPP FH - Knights 13805	$9,489	D
	SPP FH - Casey Road 13745	$13,941	D
	SPP FH - Coolidge 13533	$7,139	D
5	Transmission Access O&M Programs		
	5.1 Transmission Access Enhancement		
	none	$0	T
6	Infrastructure Inspection O&M Programs		
	6.1 Distribution Infrastructure Inspections		
	D-PRE-Pole Inspection Program	$573,612	D
	6.2 Transmission Infrastructure Inspections		
	T-PRE-Routine Patrols	$176,208	T
	T-PRE-Above-Ground Inspections	$12,408	T
	T-PRE-Infrared Inspections	$117,676	T
	T-PRE-Pole Inspection Program	$19,150	T
	S-PRE-Transmission-Inspect, Test	$168,763	T
	S-PRE-Transmission-GSU-Inspect, Tes	$37,536	T
7	Common SPP O&M Programs		
	7.1 Common O&M Programs		
	SPP Common O&M - ED	$842,051	D
	SPP Common O&M - Regulatory	$383,196	D
	SPP Common O&M - IT	$3,379	D
8	Lateral Undergrounding O&M Programs		
	8.1 Distribution Lateral Undergrounding		
	SPP LUG - O&M Support	$96,880	D
	SPP - Warehouse Lease	$41,631	D

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2021

Variance Report of Annual Capital Investment Costs by Program (Jurisdictional Revenue Requirements)
(In Dollars)

Line		(1) Actual	(2) Estimated Actual	(3) Variance Amount	(4) Variance Percent
1.	Distribution Lateral Undergrounding Program				
	1. Distribution Lateral Undergrounding Program	$ 2,389,846	$ 4,183,494	$ (1,793,648)	-42.9%
		$ -	$ -	$ -	0.0%
1.a	Subtotal of Distribution Lateral Undergrounding Program	$ 2,389,846	$ 4,183,494	$ (1,793,648)	-42.9%
2	Transmission Asset Upgrades Program				
	1. Transmission Asset Upgrades Program	$ 962,995	$ 1,115,170	$ (152,175)	-13.6%
		$ -	$ -	$ -	0.0%
2.a	Subtotal of Transmission Asset Upgrades Program	$ 962,995	$ 1,115,170	$ (152,175)	-13.6%
3	Substation Extreme Weather Program				
	1. Substation Extreme Weather Program	$ -	$ -	$ -	0.0%
		$ -	$ -	$ -	0.0%
3.a	Subtotal of Substation Extreme Weather Program	$ -	$ -	$ -	0.0%
4	Distribution Overhead Feeder Hardening Program				
	1. Distribution Overhead Feeder Hardening Program	$ 960,956	$ 1,130,018	$ (169,062)	-15.0%
		$ -	$ -	$ -	0.0%
4.a	Subtotal of Distribution Overhead Feeder Hardening Program	$ 960,956	$ 1,130,018	$ (169,062)	-15.0%
5	Transmission Access Enhancement Program				
	1. Transmission Access Enhancement Program	$ 17,076	$ 29,657	$ (12,581)	-42.4%
		$ -	$ -	$ -	0.0%
5.a	Subtotal of Transmission Access Enhancement Program	$ 17,076	$ 29,657	$ (12,581)	-42.4%
6	Total of Capital Investment Programs	$ 4,330,872	$ 6,458,339	$ (2,127,466)	-32.9%
7	Allocation of Costs to Energy and Demand				
	a. Energy	$ -	$ -	$ -	0.0%
	b. Demand	$ 4,330,872	$ 6,458,339	$ (2,127,466)	-32.9%

Notes:
Column (1) is the End of Period Totals on SPPCRC Form 7A
Column (2) is amount shown on Form 7E End of Period Totals based on Order No. PSC-2021-0324-FOF-EI.
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2021

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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Distribution Lateral Undergrounding Program	D	$ 52,740	$ 67,662	$ 85,440	$ 103,402	$ 124,217	$ 200,601	$ 202,017	$ 230,159	$ 266,648	$ 308,993	$ 347,037	$ 400,930	$ 2,389,846
1.a.	Adjustments	D	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
1.b.	Subtotal of Distribution Lateral Undergrounding Program	D	$ 52,740	$ 67,662	$ 85,440	$ 103,402	$ 124,217	$ 200,601	$ 202,017	$ 230,159	$ 266,648	$ 308,993	$ 347,037	$ 400,930	$ 2,389,846
1.c.	Jurisdictional Demand Revenue Requirements		$ 52,740	$ 67,662	$ 85,440	$ 103,402	$ 124,217	$ 200,601	$ 202,017	$ 230,159	$ 266,648	$ 308,993	$ 347,037	$ 400,930	$ 2,389,846
1.d.	Jurisdictional Energy Revenue Requirements		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
2	Transmission Asset Upgrades Program	T	$ 37,698	$ 46,241	$ 51,706	$ 56,017	$ 61,728	$ 70,461	$ 80,813	$ 96,043	$ 110,123	$ 128,038	$ 141,983	$ 159,366	$ 1,040,217
2.a.	Adjustments	T	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
2.b.	Subtotal of Transmission Asset Upgrades Program	T	$ 37,698	$ 46,241	$ 51,706	$ 56,017	$ 61,728	$ 70,461	$ 80,813	$ 96,043	$ 110,123	$ 128,038	$ 141,983	$ 159,366	$ 1,040,217
2.c.	Jurisdictional Demand Revenue Requirements		$ 34,899	$ 42,808	$ 47,868	$ 51,858	$ 57,146	$ 65,230	$ 74,814	$ 88,913	$ 101,948	$ 118,533	$ 131,443	$ 147,535	$ 962,995
2.d.	Jurisdictional Energy Revenue Requirements		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
3	Substation Extreme Weather Program	D	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
3.a.	Adjustments	D	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
3.b.	Subtotal of Substation Extreme Weather Program	D	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
3.c.	b Jurisdictional Demand Revenue Requirements		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
3.d.	a Jurisdictional Energy Revenue Requirements		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
4	Distribution Overhead Feeder Hardening Program	D	$ 27,670	$ 34,314	$ 43,008	$ 51,857	$ 62,476	$ 74,302	$ 81,998	$ 90,765	$ 100,414	$ 111,786	$ 135,553	$ 146,813	$ 960,956
4.a.	Adjustments	D	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
4.b.	Subtotal of Distribution Overhead Feeder Hardening Program	D	$ 27,670	$ 34,314	$ 43,008	$ 51,857	$ 62,476	$ 74,302	$ 81,998	$ 90,765	$ 100,414	$ 111,786	$ 135,553	$ 146,813	$ 960,956
4.c.	Jurisdictional Demand Revenue Requirements		$ 27,670	$ 34,314	$ 43,008	$ 51,857	$ 62,476	$ 74,302	$ 81,998	$ 90,765	$ 100,414	$ 111,786	$ 135,553	$ 146,813	$ 960,956
4.d.	Jurisdictional Energy Revenue Requirements		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
5	Transmission Access Enhancement Program	T	$ 0	$ 0	$ 67	$ 360	$ 686	$ 894	$ 1,131	$ 1,641	$ 2,280	$ 2,916	$ 3,912	$ 4,558	$ 18,445
5.a.	Adjustments	T	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
5.b.	Subtotal of Transmission Access Enhancement Program	T	$ 0	$ 0	$ 67	$ 360	$ 686	$ 894	$ 1,131	$ 1,641	$ 2,280	$ 2,916	$ 3,912	$ 4,558	$ 18,445
5.c.	Jurisdictional Demand Revenue Requirements		$ 0	$ 0	$ 62	$ 333	$ 635	$ 828	$ 1,047	$ 1,519	$ 2,111	$ 2,700	$ 3,622	$ 4,220	$ 17,076
5.d.	Jurisdictional Energy Revenue Requirements		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
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		0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	
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		$ 118,108	$ 148,217	$ 180,221	$ 211,636	$ 249,107	$ 346,258	$ 365,959	$ 418,608	$ 479,465	$ 551,733	$ 628,485	$ 711,667	$ 4,409,464
7.a.	Jurisdictional Distribution Demand Revenue Requirements		$ 80,410	$ 101,976	$ 128,448	$ 155,259	$ 186,693	$ 274,903	$ 284,015	$ 320,924	$ 367,062	$ 420,779	$ 482,590	$ 547,743	$ 3,350,802
7.b.	Jurisdictional Transmission Demand Revenue Requirements		$ 34,899	$ 42,808	$ 47,930	$ 52,192	$ 57,781	$ 66,058	$ 75,861	$ 90,432	$ 104,059	$ 121,232	$ 135,064	$ 151,755	$ 980,070
7.c.	Total Jurisdictional Demand Revenue Requirements		$ 115,309	$ 144,784	$ 176,378	$ 207,451	$ 244,474	$ 340,961	$ 359,876	$ 411,356	$ 471,121	$ 542,011	$ 617,654	$ 699,498	$ 4,330,872

Notes:
Jurisdictional Energy and Demand Revenue Requirements are calculated on the detailed 7A tabs.

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2021

Return on Capital Investments, Depreciation and Taxes
All Capital Programs
(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		$ 3,712,598	$ 4,743,213	$ 4,968,762	$ 4,632,921	$ 6,811,190	$ 7,088,162	$ 6,589,768	$ 7,395,236	$ 10,685,454	$ 10,010,361	$ 10,393,623	$ 12,856,486	$ 89,887,776
	b. Clearings to Plant		$ 865,962	$ 130,118	$ 1,219	$ 9,110	$ (4,340)	$ 274,210	$ 2,788,486	$ 401,715	$ 1,838,138	$ 4,169,073	$ 1,604,621	$ 2,917,292	$ 14,995,605
	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	$ 414,433	$ 1,280,396	$ 1,410,514	$ 1,411,733	$ 1,420,843	$ 1,416,502	$ 1,690,713	$ 4,479,199	$ 4,880,914	$ 6,719,052	$ 10,888,125	$ 12,492,746	$ 15,410,038	
3.	Less: Net Accumulated Depreciation	$ (4,323)	$ (5,430)	$ (8,976)	$ (12,753)	$ (16,533)	$ (20,340)	$ (24,134)	$ (28,644)	$ (40,068)	$ (53,234)	$ (71,009)	$ (98,884)	$ (130,746)	
4.	CWIP - Non-Interest Bearing	$ 15,515,068	$ 18,361,704	$ 22,974,799	$ 27,942,342	$ 32,566,153	$ 39,381,683	$ 46,195,636	$ 49,996,918	$ 56,990,439	$ 65,837,755	$ 71,679,044	$ 80,468,045	$ 90,407,239	
5.	Net Investment (Lines 2 + 3 + 4)	$ 15,925,179	$ 19,636,669	$ 24,376,336	$ 29,341,322	$ 33,970,462	$ 40,777,846	$ 47,862,214	$ 54,447,473	$ 61,831,285	$ 72,503,573	$ 82,496,159	$ 92,861,907	$ 105,686,530	
6.	Average Net Investment		$ 17,780,925	$ 22,006,503	$ 26,858,828	$ 31,655,892	$ 37,374,154	$ 44,320,030	$ 51,154,844	$ 58,139,378	$ 67,167,429	$ 77,499,867	$ 87,679,033	$ 99,274,219	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		$ 92,361	$ 114,311	$ 139,516	$ 164,435	$ 194,138	$ 230,217	$ 265,719	$ 301,999	$ 348,896	$ 402,566	$ 455,442	$ 515,672	$ 3,225,272
	b. Debt Component Grossed Up For Taxes (B)		$ 24,068	$ 29,788	$ 36,356	$ 42,849	$ 50,590	$ 59,992	$ 69,242	$ 78,697	$ 90,916	$ 104,903	$ 118,682	$ 134,376	$ 840,459
			$ 116,429	$ 144,099	$ 175,872	$ 207,284	$ 244,728	$ 290,209	$ 334,961	$ 380,696	$ 439,812	$ 507,469	$ 574,124	$ 650,048	$ 4,065,731
8.	Investment Expenses														
	a. Depreciation (C)		$ 1,226	$ 3,722	$ 4,083	$ 4,086	$ 4,113	$ 4,100	$ 4,894	$ 13,544	$ 15,393	$ 20,389	$ 33,460	$ 38,113	$ 147,123
	b. Depreciation Savings (D)		$ (118)	$ (176)	$ (306)	$ (306)	$ (306)	$ (306)	$ (384)	$ (2,120)	$ (2,228)	$ (2,613)	$ (5,585)	$ (6,251)	$ (20,699)
	c. Amortization		$ 0	$ 0	$ 0	$ 0	$ 0	$ 51,684	$ 25,916	$ 25,916	$ 25,916	$ 25,916	$ 25,916	$ 29,180	$ 210,442
	d. Dismantlement		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
	e. Property Taxes (E)		$ 572	$ 572	$ 572	$ 572	$ 572	$ 572	$ 572	$ 572	$ 572	$ 572	$ 572	$ 577	$ 6,869
	F. Other		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
9.	Total System Recoverable Expenses (Lines 7 + 8)		$ 118,108	$ 148,217	$ 180,221	$ 211,636	$ 249,107	$ 346,258	$ 365,959	$ 418,608	$ 479,465	$ 551,733	$ 628,485	$ 711,667	$ 4,409,464
	a. Recoverable Distribution Costs Allocated to Demand		$ 80,410	$ 101,976	$ 128,448	$ 155,259	$ 186,693	$ 274,903	$ 284,015	$ 320,924	$ 367,062	$ 420,779	$ 482,590	$ 547,743	$ 3,350,802
	b. Recoverable Transmission Costs Allocated to Demand		$ 37,698	$ 46,241	$ 51,773	$ 56,377	$ 62,414	$ 71,355	$ 81,944	$ 97,684	$ 112,403	$ 130,954	$ 145,895	$ 163,924	$ 1,058,662
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.	Transmission Demand Jurisdictional Factor		0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	
13.	Retail Distribution Demand-Related Recoverable Costs (E)		$ 80,410	$ 101,976	$ 128,448	$ 155,259	$ 186,693	$ 274,903	$ 284,015	$ 320,924	$ 367,062	$ 420,779	$ 482,590	$ 547,743	$ 3,350,802
12.	Retail Transmission Demand-Related Recoverable Costs (F)		$ 34,899	$ 42,808	$ 47,930	$ 52,192	$ 57,781	$ 66,058	$ 75,861	$ 90,432	$ 104,059	$ 121,232	$ 135,064	$ 151,755	$ 980,070
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$ 115,309	$ 144,784	$ 176,378	$ 207,451	$ 244,474	$ 340,961	$ 359,876	$ 411,356	$ 471,121	$ 542,011	$ 617,654	$ 699,498	$ 4,330,872

Notes:
(A) Line 6 x 6.2333% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 23.793% (expansion factor of 1.31559)
(B) Line 6 x 1.6243% x 1/12 (Jan-Dec)
(C) Applicable depreciation rates are shown on each capital page
(D) Applicable depreciation savings rates are shown on each capital page
(E) Ad Valorem Tax Rate is 1.675%
(F) Line 9a x Line 10
(G) Line 9b x Line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through 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		$ 1,752,824	$ 2,804,544	$ 2,625,722	$ 2,860,377	$ 3,497,188	$ 4,047,069	$ 4,256,277	$ 3,958,144	$ 6,941,205	$ 5,514,016	$ 6,131,532	$ 9,161,839	$ 53,550,736
	b. Clearings to Plant		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 680,931	$ 323,914	$ 643,063	$ 28,967	$ 262,168	$ 74,535	$ 2,013,578
	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	$ 680,931	$ 1,004,845	$ 1,647,908	$ 1,676,875	$ 1,939,043	$ 2,013,578	
3.	Less: Net Accumulated Depreciation	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ (1,252)	$ (3,320)	$ (6,972)	$ (10,565)	$ (14,741)	
4.	CWIP - Non-Interest Bearing	$ 7,178,051	$ 8,930,874	$ 11,735,419	$ 14,361,141	$ 17,221,518	$ 20,718,706	$ 24,765,774	$ 28,341,120	$ 31,975,350	$ 38,273,492	$ 43,758,541	$ 49,627,905	$ 58,715,209	
5.	Net Investment (Lines 2 + 3 + 4)	$ 7,178,051	$ 8,930,874	$ 11,735,419	$ 14,361,141	$ 17,221,518	$ 20,718,706	$ 24,765,774	$ 29,022,051	$ 32,978,943	$ 39,918,080	$ 45,428,444	$ 51,556,382	$ 60,714,046	
6.	Average Net Investment		$ 8,054,463	$ 10,333,147	$ 13,048,280	$ 15,791,330	$ 18,970,112	$ 22,742,240	$ 26,893,913	$ 31,000,497	$ 36,448,511	$ 42,673,262	$ 48,492,413	$ 56,135,214	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		$ 41,838	$ 53,675	$ 67,778	$ 82,027	$ 98,539	$ 118,133	$ 139,698	$ 161,029	$ 189,329	$ 221,663	$ 251,890	$ 291,590	$ 1,717,189
	b. Debt Component Grossed Up For Taxes (B)		$ 10,902	$ 13,987	$ 17,662	$ 21,375	$ 25,678	$ 30,784	$ 36,403	$ 41,962	$ 49,336	$ 57,762	$ 65,639	$ 75,984	$ 447,474
			$ 52,740	$ 67,662	$ 85,440	$ 103,402	$ 124,217	$ 148,917	$ 176,101	$ 202,991	$ 238,665	$ 279,425	$ 317,529	$ 367,574	$ 2,164,663
8.	Investment Expenses														
	a. Depreciation (C)		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 1,624	$ 2,546	$ 4,193	$ 4,336	$ 4,999	$ 17,698
	b. Depreciation Savings (D)		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ (372)	$ (478)	$ (541)	$ (743)	$ (823)	$ (2,957)
	c. Amortization		$ 0	$ 0	$ 0	$ 0	$ 0	$ 51,684	$ 25,916	$ 25,916	$ 25,916	$ 25,916	$ 25,916	$ 29,180	$ 210,442
	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)		$ 52,740	$ 67,662	$ 85,440	$ 103,402	$ 124,217	$ 200,601	$ 202,017	$ 230,159	$ 266,648	$ 308,993	$ 347,037	$ 400,930	$ 2,389,846
	a. Recoverable Costs Allocated to Demand		$ 52,740	$ 67,662	$ 85,440	$ 103,402	$ 124,217	$ 200,601	$ 202,017	$ 230,159	$ 266,648	$ 308,993	$ 347,037	$ 400,930	$ 2,389,846
	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)		$ 52,740	$ 67,662	$ 85,440	$ 103,402	$ 124,217	$ 200,601	$ 202,017	$ 230,159	$ 266,648	$ 308,993	$ 347,037	$ 400,930	$ 2,389,846
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)		$ 52,740	$ 67,662	$ 85,440	$ 103,402	$ 124,217	$ 200,601	$ 202,017	$ 230,159	$ 266,648	$ 308,993	$ 347,037	$ 400,930	$ 2,389,846

Notes:
(A) Line 6 x 6.2333% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 23.793% (expansion factor of 1.31559)
(B) Line 6 x 1.6243% x 1/12 (Jan-Dec)
(C) Applicable depreciation groups for additions are 364.00, 366.00, 367.00, 368.00, 369.00, 369.02, 373.00, 365.00, 397.25, and 392.02 and applicable depreciation rates are 4.4%, 1.8%, 3.0%, 4.4%, 3.4%, 2.8%, 5.4%, 3.1%, 5.3%, and 5.2%
(D) Applicable depreciation groups for retirements are 364.00, 365.00, 366.00, 367.00, 368.00, 369.00, 369.02, and 373.00 and applicable depreciation rates are 4.4%, 3.1%, 1.8%, 3.0%, 4.4%, 3.4%, 2.8%, and 5.4%
(E) Ad Valorem Tax Rate is 1.675%
(F) Line 9a x Line 10
(G) Line 9b x Line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through 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		$ 1,105,175	$ 811,360	$ 799,610	$ 523,240	$ 1,220,235	$ 1,458,738	$ 1,493,133	$ 1,924,190	$ 2,393,374	$ 2,261,977	$ 2,054,726	$ 2,245,340	$ 18,291,099
	b. Clearings to Plant		$ 765,824	$ 119,151	$ 846	$ 9,110	$ (4,340)	$ 273,065	$ 1,871,729	$ (71)	$ 1,054,075	$ 46,048	$ 1,338,090	$ 2,587,473	$ 8,061,000
	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	$ 414,433	$ 1,180,257	$ 1,299,408	$ 1,300,255	$ 1,309,365	$ 1,305,024	$ 1,578,089	$ 3,449,818	$ 3,449,747	$ 4,503,822	$ 4,549,870	$ 5,887,960	$ 8,475,433	
3.	Less: Net Accumulated Depreciation	$ (4,323)	$ (5,430)	$ (8,820)	$ (12,424)	$ (16,031)	$ (19,665)	$ (23,285)	$ (27,619)	$ (36,036)	$ (44,453)	$ (55,607)	$ (66,647)	$ (81,069)	
4.	CWIP - Non-Interest Bearing	$ 4,538,546	$ 4,877,897	$ 5,570,107	$ 6,368,870	$ 6,883,000	$ 8,107,576	$ 9,293,249	$ 8,914,653	$ 10,838,914	$ 12,178,213	$ 14,394,142	$ 15,110,777	$ 14,768,645	
5.	Net Investment (Lines 2 + 3 + 4)	$ 4,948,657	$ 6,052,725	$ 6,860,695	$ 7,656,700	$ 8,176,334	$ 9,392,935	$ 10,848,053	$ 12,336,852	$ 14,252,625	$ 16,637,582	$ 18,888,404	$ 20,932,091	$ 23,163,009	
6.	Average Net Investment		$ 5,500,691	$ 6,456,710	$ 7,258,697	$ 7,916,517	$ 8,784,635	$ 10,120,494	$ 11,592,453	$ 13,294,738	$ 15,445,103	$ 17,762,993	$ 19,910,248	$ 22,047,550	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		$ 28,573	$ 33,539	$ 37,705	$ 41,122	$ 45,631	$ 52,570	$ 60,216	$ 69,058	$ 80,228	$ 92,268	$ 103,422	$ 114,524	$ 758,856
	b. Debt Component Grossed Up For Taxes (B)		$ 7,446	$ 8,740	$ 9,825	$ 10,716	$ 11,891	$ 13,699	$ 15,691	$ 17,996	$ 20,906	$ 24,044	$ 26,950	$ 29,843	$ 197,747
			$ 36,019	$ 42,279	$ 47,530	$ 51,838	$ 57,522	$ 66,269	$ 75,907	$ 87,054	$ 101,134	$ 116,312	$ 130,372	$ 144,367	$ 956,603
8.	Investment Expenses														
	a. Depreciation (C)		$ 1,226	$ 3,522	$ 3,861	$ 3,863	$ 3,890	$ 3,877	$ 4,669	$ 10,073	$ 10,073	$ 13,131	$ 13,263	$ 17,231	$ 88,678
	b. Depreciation Savings (D)		$ (118)	$ (132)	$ (256)	$ (256)	$ (256)	$ (256)	$ (335)	$ (1,656)	$ (1,656)	$ (1,978)	$ (2,224)	$ (2,808)	$ (11,932)
	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)		$ 572	$ 572	$ 572	$ 572	$ 572	$ 572	$ 572	$ 572	$ 572	$ 572	$ 572	$ 577	$ 7,218
	f. Other		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
9.	Total System Recoverable Expenses (Lines 7 + 8)		$ 37,698	$ 46,241	$ 51,706	$ 56,017	$ 61,728	$ 70,461	$ 80,813	$ 96,043	$ 110,123	$ 128,038	$ 141,983	$ 159,366	$ 1,040,217
	a. Recoverable Costs Allocated to Demand		$ 37,698	$ 46,241	$ 51,706	$ 56,017	$ 61,728	$ 70,461	$ 80,813	$ 96,043	$ 110,123	$ 128,038	$ 141,983	$ 159,366	$ 1,040,217
	b. Recoverable Costs Allocated to Energy		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
10.	Transmission Demand Jurisdictional Factor		0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	
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)		$ 34,899	$ 42,808	$ 47,868	$ 51,858	$ 57,146	$ 65,230	$ 74,814	$ 88,913	$ 101,948	$ 118,533	$ 131,443	$ 147,535	$ 962,995
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)		$ 34,899	$ 42,808	$ 47,868	$ 51,858	$ 57,146	$ 65,230	$ 74,814	$ 88,913	$ 101,948	$ 118,533	$ 131,443	$ 147,535	$ 962,995

Notes:
(A) Line 6 x 6.2333% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 23.793% (expansion factor of 1.31559)
(B) Line 6 x 1.6243% x 1/12 (Jan-Dec)
(C) Applicable depreciation groups for additions are 355.00, 356.00, 364.00, 365.00, 367.00, 368.00, 369.00, 366.00, 369.02, and 373.00 and applicable depreciation rates are 3.6%, 2.8%, 4.4%, 3.1%, 3.0%, 4.4%, 3.4%, 1.8%, 2.8%, and 5.4%
(D) Applicable depreciation groups for retirements are 355.00, 356.00, 365.00, 368.00, 366.00, 367.00, and 369.02 and applicable depreciation rates are 3.6%, 2.8%, 3.1%, 4.4%, 1.8%, 3.0%, and 2.8%
(E) Ad Valorem Tax Rate is 1.675%
(F) Line 9a x Line 10
(G) Line 9b x Line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through 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

Notes:
(A) Line 6 x 6.2333% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 23.793% (expansion factor of 1.31559)
(B) Line 6 x 1.6243% x 1/12 (Jan-Dec)
(C) Applicable depreciation group for additions is TBD
(D) Applicable depreciation group for retirements is TBD
(E) Ad Valorem Tax Rate is 1.675%
(F) Line 9a x Line 10
(G) Line 9b x Line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through 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		$ 854,599	$ 1,127,309	$ 1,522,905	$ 1,180,405	$ 2,063,293	$ 1,549,082	$ 801,367	$ 1,395,967	$ 1,272,617	$ 2,118,330	$ 2,019,457	$ 1,439,743	$ 17,345,072
	b. Clearings to Plant		$ 100,138	$ 10,967	$ 373	$ 0	$ 0	$ 1,145	$ 235,826	$ 77,872	$ 141,000	$ 4,094,058	$ 4,363	$ 255,284	$ 4,921,027
	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	$ 100,138	$ 111,105	$ 111,478	$ 111,478	$ 111,478	$ 112,623	$ 348,449	$ 426,322	$ 567,322	$ 4,661,380	$ 4,665,743	$ 4,921,027	
3.	Less: Net Accumulated Depreciation	$ 0	$ 0	$ (156)	$ (329)	$ (502)	$ (676)	$ (849)	$ (1,025)	$ (2,779)	$ (5,460)	$ (8,430)	$ (21,672)	$ (34,936)	
4.	CWIP - Non-Interest Bearing	$ 3,798,471	$ 4,552,932	$ 5,669,273	$ 7,191,806	$ 8,372,211	$ 10,435,503	$ 11,983,440	$ 12,548,981	$ 13,867,075	$ 14,998,692	$ 13,022,964	$ 15,038,058	$ 16,222,517	
5.	Net Investment (Lines 2 + 3 + 4)	$ 3,798,471	$ 4,653,070	$ 5,780,223	$ 7,302,955	$ 8,483,187	$ 10,546,306	$ 12,095,214	$ 12,896,405	$ 14,290,618	$ 15,560,553	$ 17,675,914	$ 19,682,128	$ 21,108,607	
6.	Average Net Investment		$ 4,225,771	$ 5,216,646	$ 6,541,589	$ 7,893,071	$ 9,514,746	$ 11,320,760	$ 12,495,810	$ 13,593,511	$ 14,925,586	$ 16,618,234	$ 18,679,021	$ 20,395,368	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		$ 21,950	$ 27,097	$ 33,980	$ 41,000	$ 49,424	$ 58,805	$ 64,908	$ 70,610	$ 77,530	$ 86,322	$ 97,027	$ 105,942	$ 734,595
	b. Debt Component Grossed Up For Taxes (B)		$ 5,720	$ 7,061	$ 8,855	$ 10,684	$ 12,879	$ 15,324	$ 16,914	$ 18,400	$ 20,203	$ 22,494	$ 25,284	$ 27,607	$ 191,425
			$ 27,670	$ 34,158	$ 42,835	$ 51,684	$ 62,303	$ 74,129	$ 81,822	$ 89,010	$ 97,733	$ 108,816	$ 122,311	$ 133,549	$ 926,020
8.	Investment Expenses														
	a. Depreciation (C)		$ 0	$ 200	$ 222	$ 223	$ 223	$ 223	$ 225	$ 1,847	$ 2,775	$ 3,064	$ 15,861	$ 15,884	$ 40,747
	b. Depreciation Savings (D)		$ 0	$ (44)	$ (49)	$ (49)	$ (49)	$ (49)	$ (49)	$ (92)	$ (94)	$ (94)	$ (2,618)	$ (2,619)	$ (5,811)
	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)		$ 27,670	$ 34,314	$ 43,008	$ 51,857	$ 62,476	$ 74,302	$ 81,998	$ 90,765	$ 100,414	$ 111,786	$ 135,553	$ 146,813	$ 960,956
	a. Recoverable Costs Allocated to Demand		$ 27,670	$ 34,314	$ 43,008	$ 51,857	$ 62,476	$ 74,302	$ 81,998	$ 90,765	$ 100,414	$ 111,786	$ 135,553	$ 146,813	$ 960,956
	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)		$ 27,670	$ 34,314	$ 43,008	$ 51,857	$ 62,476	$ 74,302	$ 81,998	$ 90,765	$ 100,414	$ 111,786	$ 135,553	$ 146,813	$ 960,956
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)		$ 27,670	$ 34,314	$ 43,008	$ 51,857	$ 62,476	$ 74,302	$ 81,998	$ 90,765	$ 100,414	$ 111,786	$ 135,553	$ 146,813	$ 960,956

Notes:

(A) Line 6 x 6.2333% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 23.793% (expansion factor of 1.31559)
(B) Line 6 x 1.6243% x 1/12 (Jan-Dec)
(C) Applicable depreciation groups for additions are 355.00, 356.00, 362.00, 364.00, 365.00, 366.00, 367.00, 368.00, 369.00, 369.02, 373.00, and 397.00 and applicable depreciation rates are 3.6%, 2.8%, 2.4%, 4.4%, 3.1%, 1.8%, 3.0%, 4.4%, 3.4%, 2.8%, 5.4%, and 14.3%
(D) Applicable depreciation groups for retirements are 355.00, 356.00, 362.00, 364.00, 365.00, 366.00, 367.00, 368.00, and 373.00 and applicable depreciation rates are 3.6%, 2.8%, 2.4%, 4.4%, 3.1%, 1.8%, 3.0%, 4.4%, and 5.4%
(E) Ad Valorem Tax Rate is 1.675%
(F) Line 9a x Line 10
(G) Line 9b x Line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through 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	$ 20,525	$ 68,899	$ 30,475	$ 33,274	$ 38,992	$ 116,936	$ 78,259	$ 116,038	$ 187,909	$ 9,563	$ 700,868
	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	$ 20,525	$ 89,424	$ 119,899	$ 153,172	$ 192,164	$ 309,100	$ 387,359	$ 503,397	$ 691,306	$ 700,868	
5.	Net Investment (Lines 2 + 3 + 4)	$ 0	$ 0	$ 0	$ 20,525	$ 89,424	$ 119,899	$ 153,172	$ 192,164	$ 309,100	$ 387,359	$ 503,397	$ 691,306	$ 700,868	
6.	Average Net Investment		$ 0	$ 0	$ 10,262	$ 54,974	$ 104,661	$ 136,536	$ 172,668	$ 250,632	$ 348,229	$ 445,378	$ 597,351	$ 696,087	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		$ 0	$ 0	$ 53	$ 286	$ 544	$ 709	$ 897	$ 1,302	$ 1,809	$ 2,313	$ 3,103	$ 3,616	$ 14,632
	b. Debt Component Grossed Up For Taxes (B)		$ 0	$ 0	$ 14	$ 74	$ 142	$ 185	$ 234	$ 339	$ 471	$ 603	$ 809	$ 942	$ 3,813
			$ 0	$ 0	$ 67	$ 360	$ 686	$ 894	$ 1,131	$ 1,641	$ 2,280	$ 2,916	$ 3,912	$ 4,558	$ 18,445
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	$ 67	$ 360	$ 686	$ 894	$ 1,131	$ 1,641	$ 2,280	$ 2,916	$ 3,912	$ 4,558	$ 18,445
	a. Recoverable Costs Allocated to Demand		$ 0	$ 0	$ 67	$ 360	$ 686	$ 894	$ 1,131	$ 1,641	$ 2,280	$ 2,916	$ 3,912	$ 4,558	$ 18,445
	b. Recoverable Costs Allocated to Energy		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
10.	Transmission Demand Jurisdictional Factor		0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	0.9257632	
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	$ 62	$ 333	$ 635	$ 828	$ 1,047	$ 1,519	$ 2,111	$ 2,700	$ 3,622	$ 4,220	$ 17,076
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	$ 62	$ 333	$ 635	$ 828	$ 1,047	$ 1,519	$ 2,111	$ 2,700	$ 3,622	$ 4,220	$ 17,076

Notes:
(A) Line 6 x 6.2333% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 23.793% (expansion factor of 1.31559)
(B) Line 6 x 1.6243% x 1/12 (Jan-Dec)
(C) Applicable depreciation group for additions is TBD
(D) Applicable depreciation group for retirements is TBD
(E) Ad Valorem Tax Rate is 1.675%
(F) Line 9a x Line 10
(G) Line 9b x Line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2021
Project Listing by Each Capital Program

Line	Capital Activities	Spend	T or D
1.	Distribution Lateral Undergrounding Program		
	LUG PCA 13390.92599119	$605,239	D
	LUG PCA 13961.92829453	$214,676	D
	LUG PCA 13724.90911087	$304,314	D
	LUG PCA 13146.10629014	$426,057	D
	LUG WHA 13972.92421291	$239,037	D
	LUG WHA 13312.60182741	$256,494	D
	LUG WHA 13972.90241880	$693,186	D
	LUG PCA 13961.92820848	$185,087	D
	LUG PCA 13961.60193482	$288,312	D
	LUG PCA 13785.10676209	($142,470)	D
	LUG PCA 13462.60458175	$400,419	D
	LUG PCA 14121.93159006	($95,245)	D
	LUG PCA 13462.60180762	$77,311	D
	LUG PCA 13462.91407512	$331,131	D
	LUG PCA 13390.10643541	($124,525)	D
	LUG PCA 13120.60015632	$523,958	D
	LUG PCA 13785.92466250	$4,510,130	D
	LUG CSA 14040.10786382	$27,501	D
	LUG CSA 13840.93019714	$81,302	D
	LUG CSA 14040.10786374	$214,953	D
	LUG CSA 13836.91406672	($72,100)	D
	LUG DCA 13815.92407065	($181,473)	D
	LUG DCA 13815.90288627	($193,929)	D
	LUG DCA 13815.93026469	$743,209	D
	LUG CSA 13183.60036344	$23,936	D
	LUG CSA 13205.60059346	($68,665)	D
	LUG CSA 13934.10467606	$39,174	D
	LUG CSA 13633.92740152	$352,260	D
	LUG CSA 13592.10402239	$545,222	D
	LUG CSA 13351.93283733	$193,133	D
	LUG CSA 13099.90882614	$89,704	D
	LUG CSA 13093.91004837	$261,206	D
	LUG CSA 13630.10429536	$89,763	D
	LUG CSA 13205.90998414	$388,041	D
	LUG CSA 13948.91837409	$181,533	D
	LUG CSA 13093.91004843	($61,477)	D
	LUG CSA 13836.91377944	$171,045	D
	LUG CSA 13102.60123654	$339,871	D
	LUG CSA 13158.92874802	$59,016	D
	LUG CSA 13176.10375134	$50,762	D
	LUG CSA 13107.10376173	$49,262	D
	LUG CSA 13057.10121709	$2,580	D
	LUG CSA 13418.92357188	$270,579	D
	LUG CSA 13592.91213055	$165,741	D
	LUG CSA 13100.91340554	$171,675	D
	LUG CSA 13715.90737020	$3,330	D
	LUG CSA 13176.91029163	$34,656	D
	LUG CSA 13835.60131429	$424,589	D
	LUG CSA 13593.93057902	$190,688	D
	LUG CSA 13105.10580678	$311,239	D

LUG CSA 13188.10655453	$83,669	D
LUG CSA 13592.10402259	$243,638	D
LUG CSA 13948.10442385	$263,450	D
LUG ESA 13174.60588225	$236,352	D
LUG ESA 13454.90755954	$172,660	D
LUG ESA 13174.60451701	($19,077)	D
LUG ESA 13710.92881445	$59,750	D
LUG ESA 13509.60287236	$149,257	D
LUG SHA 13897.10933151	$41,814	D
LUG ESA 13174.10913196	$131,301	D
LUG ESA 13171.90598389	$138,923	D
LUG ESA 13211.60044019	$41,913	D
LUG ESA 13231.10868138	$62,711	D
LUG ESA 13230.10471354	$53,323	D
LUG ESA 13502.92679861	$37,027	D
LUG ESA 13796.10842826	$30,259	D
LUG ESA 13454.60140423	($1)	D
LUG ESA 13509.10501132	$151,861	D
LUG ESA 13433.10466911	$66,786	D
LUG ESA 13230.92208546	($8,040)	D
LUG ESA 13171.93104605	$153,544	D
LUG ESA 13509.90504849	$14,031	D
LUG ESA 13502.92573944	$56,968	D
LUG ESA 13799.60395568	$82,114	D
LUG ESA 13226.10462583	$44,710	D
LUG ESA 14116.60140011	$55,798	D
LUG ESA 13797.93188519	$214,055	D
LUG ESA 13226.92664597	$29,170	D
LUG ESA 13796.92728705	$123,206	D
LUG ESA 13230.60258173	($11,826)	D
LUG ESA 13171.90374558	($1)	D
LUG ESA 13796.92884623	$90,994	D
LUG ESA 13502.92577310	($15,597)	D
LUG ESA 13225.60139973	$84,285	D
LUG ESA 13796.10842823	$56,483	D
LUG ESA 13226.92670950	$64,660	D
LUG ESA 13226.92665539	$62,869	D
LUG ESA 13883.91179506	$76,635	D
LUG ESA 13509.91772133	$34,083	D
LUG ESA 13509.10501150	$91,652	D
LUG ESA 13454.90429155	$91,848	D
LUG ESA 13454.90397369	$354,160	D
LUG ESA 13454.10472634	($2,260)	D
LUG ESA 13433.93369551	$48,104	D
LUG ESA 13174.92555763	$45,974	D
LUG ESA 13883.92008787	($39,812)	D
LUG ESA 13230.92180224	$113,978	D
LUG WSA 14032.10820614	$446,346	D
LUG WSA 13071.90738378	$213,268	D
LUG WSA 14032.92634300	$299,340	D

LUG WSA 13071.91245761	$216,922	D
LUG WSA 14032.91487301	$334,027	D
LUG WSA 14032.10339836	$241,422	D
LUG WSA 14032.92803239	$328	D
LUG WSA 13071.91432110	($38,716)	D
LUG WSA 13071.91432109	$234,831	D
LUG WSA 14032.92729035	$4,195	D
LUG WSA 13198.92183966	$166,858	D
LUG WSA 13678.90514649	$277,418	D
LUG WSA 13425.10244449	$161,419	D
LUG WSA 13670.93124410	$41,211	D
LUG WSA 13428.91540495	$447,253	D
LUG WSA 13332.91335523	$279,719	D
LUG WSA 13544.10053266	$210,163	D
LUG WSA 13109.90641822	$40,512	D
LUG WSA 13747.10299739	$78,594	D
LUG WSA 13756.60165357	$7,565	D
LUG WSA 13491.10230118	$259,814	D
LUG WSA 13141.92630916	$33,543	D
LUG WSA 13673.10277744	$660,520	D
LUG WSA 13138.60079254	$204,321	D
LUG WSA 13141.92442349	$32,894	D
LUG WSA 13333.10007582	$218,035	D
LUG WSA 13586.92298267	$40,484	D
LUG WSA 13138.10145625	$109,111	D
LUG WSA 13140.10013916	$31,954	D
LUG WSA 13113.90796385	$334,662	D
LUG WSA 13138.10145628	$338,048	D
LUG WSA 13164.10158909	$94,617	D
LUG WSA 13140.91873275	$47,632	D
LUG WSA 13605.91052996	$160,311	D
LUG WSA 13071.60170422	$135,261	D
LUG WSA 13111.92999604	$32,355	D
LUG WSA 13586.60303627	$256,243	D
LUG PCA 13785.90239166	$0	D
LUG PCA 13961.10696431	$234,715	D
LUG PCA 13961.10696419	$0	D
LUG PCA 13785.92299245	$183,929	D
LUG PCA 13961.92834683	$279,454	D
LUG PCA 13462.91412064	$132,092	D
LUG PCA 13961.10696486	$301,430	D
LUG PCA 13961.91967308	$380,502	D
LUG PCA 13961.10696417	$0	D
LUG WHA 13916.60279623	$275,078	D
LUG WHA 13297.10560430	$0	D
LUG WHA 13314.92426509	$21,594	D
LUG WHA 13118.92612349	$305,366	D
LUG WHA 13313.90084626	$244,637	D
LUG WHA 13699.10637242	$81,127	D
LUG WHA 13313.10684614	$92,148	D

LUG WHA 13296.92376304	$213,506	D
LUG WHA 13313.60568375	$0	D
LUG WHA 13297.60269456	$55,237	D
LUG WHA 13699.10637259	$212,191	D
LUG WHA 13473.60168916	$263,507	D
LUG WHA 13296.10562356	$0	D
LUG WHA 13916.92509975	$111,276	D
LUG WHA 13297.10560425	$156,372	D
LUG WHA 13296.60531111	$191,025	D
LUG WHA 13699.10637247	$288,980	D
LUG WHA 13473.60168942	$203,490	D
LUG WHA 13118.92659353	$0	D
LUG WHA 13118.10676209	$0	D
LUG WHA 13699.10637240	$108,149	D
LUG WHA 13313.93103371	$0	D
LUG WHA 13118.92204382	$205,203	D
LUG WHA 13118.92659172	$103,754	D
LUG WHA 13473.92097460	$138,019	D
LUG WHA 13296.90010289	$308,297	D
LUG WHA 13313.92097460	$0	D
LUG WHA 13118.10535999	$230,769	D
LUG WHA 13699.60165416	$290,093	D
LUG WHA 13916.91386005	$251,816	D
LUG WHA 13314.10567076	$157,788	D
LUG WHA 13296.10562361	$126,532	D
LUG WHA 13297.10560432	$450,660	D
LUG WHA 13972.10618037	$209,166	D
LUG PCA 13724.10671283	$0	D
LUG PCA 13722.60360851	$260,333	D
LUG PCA 13268.91633548	$348,768	D
LUG PCA 13724.10671319	$578,553	D
LUG PCA 13243.10791853	$0	D
LUG PCA 13724.10671334	$238,766	D
LUG PCA 13243.91351288	$495,109	D
LUG PCA 13655.90431393	$243,251	D
LUG PCA 13243.90684154	$166,850	D
LUG PCA 13268.10705945	$341,504	D
LUG PCA 13724.10671229	$71,947	D
LUG PCA 13268.92962459	$247,498	D
LUG PCA 13724.93103251	$40,586	D
LUG PCA 13243.90586047	$33,167	D
LUG PCA 13724.91049435	$172,689	D
LUG CSA 13205.90929181	$223,081	D
LUG CSA 13021.10051153	$240,804	D
LUG CSA 13026.60059524	$144,622	D
LUG CSA 13835.10429522	$92,438	D
LUG CSA 13204.91532149	$14,854	D
LUG CSA 13836.91406642	$6,803	D
LUG CSA 13099.60563698	$0	D
LUG CSA 13590.91231633	$174,584	D

LUG CSA 13102.91293905	$69,316	D
LUG CSA 13104.10362869	$156,949	D
LUG CSA 13831.10427677	$168,013	D
LUG CSA 14040.60233886	$81,179	D
LUG CSA 13939.60144164	$68,677	D
LUG CSA 13158.90816343	$239,179	D
LUG CSA 13021.60058683	$191,074	D
LUG CSA 13158.93317809	$0	D
LUG CSA 13104.91643108	$166,554	D
LUG CSA 13106.91795934	$0	D
LUG CSA 13835.60314670	$45,768	D
LUG CSA 13107.10376186	$56,689	D
LUG CSA 13592.91365233	$48,033	D
LUG CSA 13993.10372414	$274,735	D
LUG CSA 13100.10371703	$0	D
LUG CSA 13354.10582069	$19,799	D
LUG CSA 13418.92292295	$0	D
LUG CSA 13468.60128378	$113,990	D
LUG CSA 13632.60305848	$26,838	D
LUG CSA 13104.10362882	$0	D
LUG CSA 13176.10375148	$305,649	D
LUG CSA 13099.60125388	$129,924	D
LUG CSA 13102.60123660	$0	D
LUG CSA 14102.91582612	$81,557	D
LUG CSA 13468.60128362	$92,923	D
LUG CSA 13399.60037987	$57,726	D
LUG CSA 13835.91773975	$0	D
LUG CSA 13418.92018190	$98,943	D
LUG CSA 13158.60011810	$39,257	D
LUG CSA 13105.10580690	$92,339	D
LUG CSA 13205.90022802	$65,715	D
LUG CSA 13418.91924595	$60,536	D
LUG CSA 13105.60164901	$98,540	D
LUG CSA 13934.10467597	$56,701	D
LUG CSA 13205.90442230	$127,552	D
LUG CSA 13158.92290015	$0	D
LUG CSA 14040.10786358	$42,244	D
LUG CSA 13836.93321406	$0	D
LUG CSA 13105.10580689	$63,008	D
LUG CSA 13107.10376201	$38,197	D
LUG CSA 13633.90633859	$0	D
LUG CSA 13105.10580676	$79,825	D
LUG CSA 13836.60133704	$0	D
LUG CSA 13100.10371697	$0	D
LUG CSA 13993.10433144	$18,165	D
LUG CSA 13939.60144172	$233,631	D
LUG CSA 13158.91461782	$99,852	D
LUG CSA 13633.91847345	$40,426	D
LUG CSA 13934.10467575	$58,002	D
LUG CSA 13188.92070695	$14,220	D

LUG CSA 13836.60133698	$0	D
LUG CSA 13948.10442391	$74,924	D
LUG CSA 14040.90485522	$0	D
LUG CSA 13158.92347931	$3,049	D
LUG CSA 13633.90564142	$27,546	D
LUG DCA 13006.92949400	$130,353	D
LUG DCA 13432.10761257	$16,080	D
LUG CSA 13826.60127680	$16,088	D
LUG CSA 13632.10408290	$10,890	D
LUG CSA 13204.60170504	$143,569	D
LUG CSA 13176.10375141	$35,596	D
LUG CSA 13948.10442379	$34,752	D
LUG CSA 13835.10429505	$84,115	D
LUG CSA 13026.60059509	$24,443	D
LUG CSA 13021.92350282	$137,237	D
LUG CSA 13106.10361901	$53,844	D
LUG CSA 13468.91640192	$39,582	D
LUG CSA 13106.91722510	$90,366	D
LUG CSA 13026.60059452	$34,735	D
LUG CSA 13632.10408272	$23,819	D
LUG CSA 13102.90748252	$72,336	D
LUG CSA 13093.60029740	$0	D
LUG CSA 13102.60123656	$0	D
LUG CSA 13026.60059457	$65,780	D
LUG CSA 13099.10368943	$29,963	D
LUG CSA 13104.91668251	$59,914	D
LUG CSA 13026.91490707	$0	D
LUG CSA 13176.10375136	$122,001	D
LUG CSA 13104.91241032	$40,571	D
LUG ESA 13230.10471377	$188,748	D
LUG ESA 13509.60346595	$60,308	D
LUG ESA 13502.10497396	$29,084	D
LUG ESA 13174.93310101	$0	D
LUG ESA 13796.92356181	$23,893	D
LUG ESA 13509.92890860	$63,203	D
LUG ESA 13171.10455414	$0	D
LUG ESA 13230.92496254	$37,853	D
LUG ESA 13509.10501141	$59,840	D
LUG ESA 13454.91522987	$48,836	D
LUG ESA 13509.10501110	$68,120	D
LUG ESA 13231.10868120	$0	D
LUG ESA 13174.10913197	$0	D
LUG ESA 13225.92750192	$0	D
LUG ESA 13797.93185703	$62,181	D
LUG ESA 14116.91073265	$71,823	D
LUG SHA 13900.10717269	$36,935	D
LUG SHA 13652.92748361	$45,431	D
LUG SHA 13001.93346473	$81,724	D
LUG SHA 14022.90591555	$37,639	D
LUG SHA 13001.60179144	$67,377	D

LUG SHA 13001.10663246	$0	D
LUG SHA 13645.91519309	$61,993	D
LUG SHA 13780.10723993	$90,391	D
LUG SHA 13001.92048269	$57,601	D
LUG SHA 13001.60179191	$25,859	D
LUG SHA 13001.10663240	$27,763	D
LUG SHA 13900.92336596	$43,559	D
LUG SHA 13645.92207754	$12,750	D
LUG SHA 13900.91863298	$28,321	D
LUG SHA 13001.10663269	$24,793	D
LUG SHA 13001.10663262	$61,626	D
LUG SHA 13001.90251758	$0	D
LUG ESA 13127.90334707	$103,747	D
LUG ESA 13229.10457704	$0	D
LUG ESA 13878.10105723	$30,156	D
LUG ESA 13911.92679866	$44,865	D
LUG ESA 13229.92525393	$106,722	D
LUG ESA 13909.92173076	$36,521	D
LUG ESA 14355.60258173	$78,304	D
LUG ESA 13457.10482593	$47,162	D
LUG ESA 13127.90334731	$32,572	D
LUG ESA 13906.10096968	$61,348	D
LUG ESA 13909.90380435	$67,345	D
LUG ESA 13127.10836901	$0	D
LUG ESA 13906.92282884	$80,120	D
LUG ESA 13911.60157737	$73,713	D
LUG ESA 13710.92354144	$68,386	D
LUG ESA 13793.92685255	$28,822	D
LUG ESA 13906.10096960	$70,207	D
LUG ESA 13793.92686002	$15,065	D
LUG ESA 13686.10840133	$0	D
LUG ESA 13906.10096964	$39,080	D
LUG ESA 13911.90130568	$66,091	D
LUG ESA 13911.91276385	$0	D
LUG ESA 13906.90137810	$37,327	D
LUG ESA 13793.92686712	$22,932	D
LUG ESA 13127.92663180	$73,102	D
LUG ESA 13457.90291488	$0	D
LUG ESA 13911.10544635	$0	D
LUG ESA 13911.10544633	$0	D
LUG ESA 13911.92018843	$0	D
LUG ESA 13457.90176591	$46,127	D
LUG ESA 13911.10554588	$0	D
LUG ESA 14355.92354352	$58,391	D
LUG ESA 13911.91556649	$0	D
LUG ESA 13793.92686736	$62,307	D
LUG ESA 13911.10554595	$85,651	D
LUG ESA 13911.91995336	$49,219	D
LUG ESA 13127.92661768	$50,232	D
LUG ESA 13796.92884644	$0	D

LUG ESA 13878.10105726	$42,303	D
LUG ESA 13454.90188551	$20,884	D
LUG ESA 13878.10105717	$46,630	D
LUG ESA 13231.10868121	$37,103	D
LUG ESA 13911.60157736	$46,013	D
LUG ESA 13509.10501133	$0	D
LUG ESA 13171.10455381	$48,303	D
LUG ESA 13878.10105728	$43,097	D
LUG ESA 13911.91665193	$0	D
LUG SHA 13003.10895225	$0	D
LUG SHA 14024.10747874	$73,431	D
LUG SHA 13342.91010293	$49,585	D
LUG SHA 14020.60223573	$26,042	D
LUG SHA 13342.10925094	$29,830	D
LUG SHA 14024.90116190	$26,819	D
LUG SHA 13817.10722417	$73,299	D
LUG SHA 13003.10895211	$79,685	D
LUG SHA 13342.90527363	$25,274	D
LUG WSA 13605.90568909	$0	D
LUG WSA 13162.92185426	$136,061	D
LUG WSA 13194.90645535	$14,248	D
LUG WSA 13079.60077624	$50,453	D
LUG WSA 13586.91748729	$81,602	D
LUG WSA 13162.10158432	$170,065	D
LUG WSA 13864.10310477	$46,619	D
LUG WSA 13113.92909503	$100,729	D
LUG WSA 13516.60169592	$154,999	D
LUG WSA 13192.90932106	$49,313	D
LUG WSA 13333.91785740	$55,723	D
LUG WSA 13863.60279838	$60,222	D
LUG WSA 13109.90643551	$118,547	D
LUG WSA 13332.91700188	$209,678	D
LUG WSA 13756.90207831	$61,394	D
LUG WSA 13672.60106849	$54,114	D
LUG WSA 13860.10307215	$52,169	D
LUG WSA 13756.60165355	$26,930	D
LUG WSA 13672.10493801	$74,132	D
LUG WSA 13864.10310468	$0	D
LUG WSA 13864.10310497	$40,783	D
LUG WSA 13586.92442286	$196	D
LUG WSA 13672.91971930	$56,189	D
LUG WSA 13192.90932283	$0	D
LUG WSA 13678.10254063	$37,830	D
LUG WSA 13141.10147344	$80,076	D
LUG WSA 13756.10589587	$51,625	D
LUG WSA 13864.10310505	$30,546	D
LUG WSA 13860.10307212	$59,102	D
LUG WSA 13111.60072751	$62,524	D
LUG WSA 13605.90427351	$0	D
LUG WSA 13333.10007588	$20,842	D

LUG WSA 13164.90252716	$0	D
LUG WSA 13491.91827162	$101,169	D
LUG WSA 13113.90422522	$20,628	D
LUG WSA 13756.10589595	$20,504	D
LUG WSA 13586.10255333	$87,322	D
LUG WSA 13428.90423835	$132,920	D
LUG WSA 13113.60340774	$0	D
LUG WSA 13141.91575422	$46,875	D
LUG WSA 13678.90514672	$77,437	D
LUG WSA 13164.10158912	$465	D
LUG WSA 13586.10255361	$0	D
LUG WSA 13544.10053269	$77,948	D
LUG WSA 13864.60380454	$88,976	D
LUG WSA 13141.92442350	$130	D
LUG WSA 13141.10147371	$37,183	D
LUG WSA 13678.10288738	$20,623	D
LUG WSA 13612.90440184	$0	D
LUG WSA 13533.91957169	$91,828	D
LUG WSA 14030.60131389	$0	D
LUG WSA 13865.90531031	$41,298	D
LUG WSA 13535.92983670	$64,942	D
LUG WSA 13589.93177909	$94,162	D
LUG WSA 13522.91934653	$0	D
LUG WSA 13522.10392924	$55,791	D
LUG WSA 13737.10297943	$96,964	D
LUG WSA 14030.90886759	($671)	D
LUG WSA 13207.90147316	$31,478	D
LUG WSA 13207.90216846	$0	D
LUG WSA 13059.60302601	$94,444	D
LUG WSA 13738.10298299	$17,929	D
LUG WSA 13059.93006225	$0	D
LUG WSA 13207.90146892	$19,395	D
LUG WSA 13162.10158434	$50,017	D
LUG WSA 13079.60077605	$23,665	D
LUG WSA 13870.90428273	$33,573	D
LUG WSA 13737.91960399	$62,615	D
LUG WSA 13674.10277747	$73,040	D
LUG WSA 13078.10127958	$13,151	D
LUG WSA 13162.60154843	$0	D
LUG WSA 13510.10218990	$44,960	D
LUG WSA 13669.60107076	$43,304	D
LUG WSA 14030.90242104	$0	D
LUG WSA 13873.60311122	$41,789	D
LUG WSA 13207.90613782	$43,336	D
LUG WSA 13612.90266817	$0	D
LUG WSA 13208.92767537	$40,319	D
LUG WSA 13737.60311396	$61,653	D
LUG WSA 13198.92655424	$74,439	D
LUG WSA 13514.10624934	$30,763	D
LUG WSA 13535.92959083	$0	D

LUG WSA 13669.92774744	$0	D
LUG WSA 13483.60393455	$36,524	D
LUG WSA 13520.10242257	$70,309	D
LUG WSA 13892.10338448	$100,870	D
LUG WSA 13612.90312305	$56,489	D
LUG WSA 13522.91947423	$48,686	D
LUG WSA 13334.91645657	$81,469	D
LUG WSA 13490.92815117	$39,036	D
LUG WSA 13522.10392902	$41,022	D
LUG WSA 14030.60341032	$48,072	D
LUG WSA 13574.10250638	$127,599	D
LUG WSA 13138.10145602	$0	D
LUG WSA 13220.10191173	$36,358	D
LUG WSA 13612.60022877	$59,947	D
LUG WSA 13220.90901917	$50,253	D
LUG WSA 13535.92983661	$54,798	D
LUG WSA 13535.91618829	$73,358	D
LUG WSA 13669.92770538	$21,553	D
LUG WSA 13208.90449608	$0	D
LUG WSA 13079.60104344	$97,813	D
LUG WSA 13575.90054924	$49,995	D
LUG WSA 13750.60110680	$56,831	D
LUG WSA 13198.10051875	$62,461	D
LUG WSA 13612.92956326	$38,449	D
LUG WSA 13514.91361858	$132,001	D
LUG WSA 13522.10392905	$89,872	D
LUG WSA 14030.92669942	$46,704	D
LUG WSA 13483.10173513	$0	D
LUG WSA 13612.60003135	$32,196	D
LUG WSA 13071.93035682	$0	D
LUG WSA 13522.92169062	$52,777	D
LUG WSA 13575.90054386	$64,646	D
LUG WSA 13522.10392882	$22,376	D
LUG WSA 13198.10051851	$59,307	D
LUG WSA 14030.92670479	$57,733	D
LUG WSA 13522.10392874	$55,033	D
LUG WSA 13162.93124277	$62,184	D
LUG WSA 13535.92969194	$0	D
LUG WSA 13198.10051896	$106,242	D
LUG WSA 13109.10846390	$0	D
LUG WSA 13612.60002970	$139,622	D
LUG WSA 14030.60125643	$117,664	D
LUG WSA 14030.92669080	$0	D
LUG WSA 13071.92377934	$67,637	D
LUG WSA 13138.60170460	$28,582	D
LUG WSA 13483.60079455	$0	D
LUG WSA 13535.92952190	$80,534	D
LUG WSA 13198.10051852	$0	D
LUG WSA 13162.90435139	$60,053	D
LUG WSA 13873.10820612	$0	D

LUG WSA 13138.10145618	$82,763	D
LUG WSA 13737.90740214	$56,786	D
LUG WSA 13138.10145629	$0	D
LUG WSA 13737.90740699	$66,582	D
LUG WSA 13079.90517178	$87,105	D
LUG WSA 13078.10127955	$57,210	D
LUG WSA 14030.92669557	$14,499	D
LUG WSA 13522.10392864	$11,969	D
LUG WSA 13674.90420693	$34,370	D
LUG WSA 13612.90291123	$58,505	D
LUG WSA 13109.60233901	$10,233	D
LUG WSA 13737.10297934	$25,100	D
LUG WSA 13589.93162023	$19,659	D
LUG WSA 13198.92585443	$0	D
LUG WSA 14030.92669914	$0	D
LUG WSA 13612.90312570	$0	D
LUG WSA 13138.10145606	$0	D
LUG WSA 14030.92669923	$0	D
LUG WSA 13522.60305728	$0	D
LUG WSA 13522.60305720	$51,881	D
LUG ESA 13686.93697046	$45,664	D
LUG WHA 13118.10535995	$104	D
LUG WHA 13313.10684581	$77	D
SPP LUG General Costs	$23,881	D
SPP Warehouse Equipment	$167,971	D
SPP Tracking Tool	$2,536,087	D
2. Transmission Asset Upgrades Program		
SPP TAU - Circuit 66654	$0	T
SPP TAU - Circuit 66840	$160	T
SPP TAU - Circuit 66007	($6,214)	T
SPP TAU - Circuit 66019	$9,457	T
SPP TAU - Circuit 66425	$45,108	T
SPP TAU - Circuit 230403	$628	T
SPP TAU - Circuit 66413	$47,750	T
SPP TAU - Circuit 66046	$36,311	T
SPP TAU - Circuit 66059	$43,097	T
SPP TAU - Circuit 230008	$86,816	T
SPP TAU - Circuit 230010	$0	T
SPP TAU - Circuit 230038	($166)	T
SPP TAU - Circuit 230003	$708,209	T
SPP TAU - Circuit 230005	$368,864	T
SPP TAU - Circuit 230004	$667,292	T
SPP TAU - Circuit 230625	$250,176	T
SPP TAU - Circuit 230021	$398,338	T
SPP TAU - Circuit 230052	$143,708	T
SPP TAU - Circuit 66024	$696,027	T
SPP TAU - Circuit 230608	$388,827	T
SPP TAU - Circuit 230603	$256,209	T
SPP TAU - Circuit 66407	$840,503	T

SPP TAU - Circuit 66033	$569,911	T
SPP TAU - Circuit 66016	$1,477,117	T
SPP TAU - Circuit 66427	$0	T
SPP TAU - Circuit 66415	$357,831	T
SPP TAU - Circuit 66834	$619,566	T
SPP TAU - Circuit 66022	$1,513,940	T
SPP TAU - Circuit 66060	$186,820	T
SPP TAU - Circuit 66048	$29,824	T
SPP TAU - Circuit 66031	$43,935	T
SPP TAU - Circuit 66036	$599,370	T
SPP TAU - Circuit 230402	$1,130	T
SPP TAU - Circuit 230401	$1,750,476	T
SPP TAU - Circuit 230602	$1,956,985	T
SPP TAU - Circuit 230012	$257,901	T
SPP TAU - Circuit 230606	$696,382	T
SPP TAU - Circuit 230033	$7,539	T
SPP TAU - Circuit 230609	$179,059	T
SPP TAU - Circuit 230013	$7,663	T
SPP TAU - Circuit 66030	$17,051	T
SPP TAU - Circuit 66025	$1,765,444	T
SPP TAU - Circuit 66020	$4,114	T
SPP TAU - Circuit 66027	$4,694	T
SPP TAU - Circuit 66008	$2,285	T
SPP TAU - Circuit 66001	$575,486	T
SPP TAU - Circuit 66045	$16,636	T
SPP TAU - Circuit 66026	$553	T
SPP TAU - Circuit 230006	$611,094	T
SPP TAU - Circuit 66011	$57,193	T

3. Substation Extreme Weather Program

none		D

4. Distribution Overhead Feeder Hardening Program

SPP FH - E Winterhaven 13308	$837,112	D
SPP FH - Knights 13807	$783,058	D
SPP FH - Knights 13805	$445,831	D
SPP FH - Casey Road 13745	$615,870	D
SPP FH - Coolidge 13533	$300,502	D
SPP FH - Clarkwild 13461	$1,312,743	D
SPP FH - Fishhawk 14121	$309,035	D
SPP FH - Lake Magdalene 13939	$876,376	D
SPP FH - Ehrlich 13890	$1,154,551	D
SPP FH - Lake Region 13443	$2,439,454	D
SPP FH - Brandon 13227	$892,297	D
SPP FH - Alexander Road 13462	$1,002,370	D
SPP FH - Pine Lake N 13633	$1,017,434	D
SPP FH - Hopewell 13148	$35,694	D
SPP FH - 14th St 13048	$6,093	D
SPP FH - Plymouth St 13094	$2,199	D
SPP FH - Lake Juliana 13770	$471	D

SPP FH - Lake Alfred 13118	$35,073	D
SPP FH - Jan Phyl 13296	$877	D
SPP FH - 13989	$0	D
SPP FH - 13984	$0	D
SPP FH - 14123	$0	D
SPP FH - Yukon 13101	$863,364	D
SPP FH - McFarland 13104	$486,059	D
SPP FH - Manhattan 13111	$402,585	D
SPP FH - East Winter Haven 13309	$294,278	D
SPP FH - East Winter Haven 13313	$316,145	D
SPP FH - East Winter Haven 13314	$415,708	D
SPP FH - Waters Avenue 13339	$131,668	D
SPP FH - Twelfth Avenue 13433	$816,393	D
SPP FH - Knights 13808	$1,118,407	D
SPP FH - Orient Park 13964	$433,425	D
SPP FH - 14094	$0	D

5. Transmission Access Enhancement Program

SPP TXE - 230008	$23,802	T
SPP TXE - 230623	$31,871	T
SPP TXE - P - Bridge	$10,958	T
SPP TXE - Hampton Sub - Bridge	$83,953	T
SPP TXE - 230033	$5,381	T
SPP TXE - Morris Bridge - Bridge	$87,273	T
SPP TXE - 66007	$27,219	T
SPP TXE - 230037	$8,895	T
SPP TXE - 66839	$20,336	T
SPP TXE - 230606	$18,194	T
SPP TXE - Columbus Dr #2 - Bridge	$32,870	T
SPP TXE - W. of Forbes Rd - Bridge	$39,879	T
SPP TXE - Columbus Dr #1 - Bridge	$33,086	T
SPP TXE - Tampa Palms #1 - Bridge	$43,430	T
SPP TXE - 19th AV NE - Bridge	$0	T
SPP TXE - E.Sydney Washer Rd-Bridge	$44,233	T
SPP TXE - Tampa Palms #3 - Bridge	$43,644	T
SPP TXE - Proposed M - Bridge	$8,055	T
SPP TXE - 230020 - 4 road locations	$16,854	T
SPP TXE - Tampa Palms #2 - Bridge	$42,099	T
SPP TXE - 66016	$3,013	T
SPP TXE - Tampa Palms #4 - Bridge	$45,903	T
SPP TXE - 66035 - 2 road locations	$3,865	T
SPP TXE - 230007	$15,691	T
SPP TXE - Blount Rd - Bridge	$10,365	T

Form A-8
Page 1 of 1

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2021

Approved Capital Structure and Cost Rates
(in Dollars)

	(1) Jurisdictional Rate Base 2021 December SR w/ Normalization ($000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	$ 2,355,601	33.51%	4.40%	1.4745%
Short Term Debt	$ 264,262	3.76%	0.62%	0.0233%
Preferred Stock	$ 0	0.00%	0.00%	0.0000%
Customer Deposits	$ 86,692	1.23%	2.39%	0.0295%
Common Equity	$ 3,171,251	45.11%	10.25%	4.6242%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	$ 952,166	13.55%	0.00%	0.0000%
Deferred ITC - Weighted Cost	$ 199,474	2.84%	7.43%	0.2108%
Total	$ 7,029,445	100.00%		6.36%

ITC split between Debt and Equity:

Long Term Debt	$ 2,355,601	Long Term Debt	46.00%
Equity - Preferred	$ 0	Equity - Preferred	0.00%
Equity - Common	$ 3,171,251	Equity - Common	54.00%
Total	$ 5,526,851	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = 0.1110% * 46.00%	0.0970%
Equity = 0.1110% * 54.00%	0.1138%
Weighted Cost	0.2108%

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.6242%
Deferred ITC - Weighted Cost	0.1138%
	4.7380%
Times Tax Multiplier	1.31559
Total Equity Component	6.2333%

Total Debt Cost Rate:

Long Term Debt	1.4745%
Short Term Debt	0.0233%
Customer Deposits	0.0295%
Deferred ITC - Weighted Cost	0.0970%
Total Debt Component	1.6243%
	7.8576%

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 Accomplishments:

January 1, 2021 to December 31, 2021

During this period, there were:
- 439 projects initiated for design
- 169 projects initiated for design completed
- 78 projects initiated for construction
- 39 projects constructed

Program Expenditures:

January 1, 2021 to December 31, 2021

During this period, expenditures were $53.7 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 Accomplishments:

January 1, 2021 to December 31, 2021	
Distribution VM:	1,627.7 miles
Transmission VM:	523.4 miles
Initiative 1:	508.0 miles
Initiative 2:	212.5 miles
Initiative 3:	6.5 miles

Program Expenditures:

January 1, 2021 to December 31, 2021	
During this period, expenditures were:	
Distribution VM:	$13.5 million
Transmission VM:	$2.2 million
Initiative 1:	$4.8 million
Initiative 2:	$1.1 million
Initiative 3:	$0.9 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 Accomplishments:

January 1, 2021 to December 31, 2021
During this period, there were 637 transmission poles/structures hardened.

Program Expenditures:

January 1, 2021 to December 31, 2021
During this period, expenditures were $18.5 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 Accomplishments:

January 1, 2021 to December 31, 2021

During this period, there were zero (0) projects initiated. The company completed the Substation Extreme Weather Hardening Study.

Program Expenditures:

January 1, 2021 to December 31, 2021

During this period, expenditures were $0.1 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 Accomplishments:

January 1, 2021 to December 31, 2021

During this period, there were 22 circuits that had distribution overhead feeder hardening equipment installed. This equipment includes:

Pole Replacements/Upgrades:	1,222
Three-phase Reclosers:	143
Single-phase Reclosers:	334
Fuse Coordination/Replacements:	737

Program Expenditures:

January 1, 2021 to December 31, 2021

During this period, expenditures were $17.4 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 Accomplishments:

January 1, 2021 to December 31, 2021

During this period, there were:

11 access road projects engineered
0 access road projects completed
13 access bridge projects engineered
0 access bridge projects completed

Program Expenditures:

January 1, 2021 to December 31, 2021

During this period, expenditures were $0.7 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
Transmission wood pole/groundline
Transmission above ground
Transmission aerial infrared
Transmission ground patrol
Substation
Joint Use Pole Attachments Audit

Program Accomplishments:

January 1, 2021 to December 31, 2021
During this period, there were:

Distribution wood pole:	19,861 inspections
Transmission wood pole/groundline:	284 inspections
Transmission above ground:	3,886 inspections
Transmission aerial infrared:	Completed
Transmission ground patrol:	Completed
Substation:	Completed

Program Expenditures:

January 1, 2021 to December 31, 2021
During this period, expenditures were:

Distribution Infrastructure Inspections:	$0.6 million
Transmission Infrastructure Inspections:	$0.5 million

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMON EXPENSES

Program Description: These are expenses common to all programs.

Program Accomplishments:
N/A

Program Expenditures:
January 1, 2021 to December 31, 2021
During this period, expenditures were $1.2 million.

BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20220010-EI

IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE

TESTIMONY AND EXHIBIT

OF

DAVID L. PLUSQUELLIC

FILED: April 1, 2022

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

DAVID L. PLUSQUELLIC

Q. Please state your name, address, occupation and employer.

A. My name is David L. Plusquellic. I am employed by Tampa Electric Company ("Tampa Electric" or "company") as Director Storm Protection Programs and Support Services. My business address is 820 South 78th Street, Tampa, FL 33619.

Q. Please describe your duties and responsibilities in that position.

A. My duties and responsibilities include the governance and oversight of Tampa Electric's Storm Protection Plan ("SPP" or "the Plan") development, implementation, and execution. This includes leading the development of the Plan, prioritization of projects within each of the programs, development of project and program costs and overall implementation and execution of the Plan.

Q. Please provide a brief outline of your educational

background and professional experience.

A. I graduated from Kent State University in June 1996 with a Bachelor's degree in Finance. In December of 2000, I graduated from the University of Akron with a Master of Business Administration specializing again in Finance. I have been employed at Tampa Electric since November of 2019. Prior to joining Tampa Electric, I was employed at FirstEnergy from 1999 to 2018 in a variety of roles. During my 20 years, I progressed from an Analyst to a Director through roles covering financial reporting & analysis, business analytics, fossil fuel generation, renewable portfolio management, process & performance improvement, and Transmission & Distribution ("T&D") operations. For the final four years, I was a Director of Operations Support at Ohio Edison, one of the FirstEnergy T&D operating companies. Throughout the 19 years, I played a leadership role in efforts that ranged from valuing businesses, entering into 20-year purchase agreements, evaluating and implementing storm process improvements, evaluating asset investments, and improving operational and safety performance. In 2020, I joined Tampa Electric as the Storm Protection Program Manager and was promoted in 2021 into my current position.

Q. What is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is to present and support for Commission review and approval of the company's actual SPP costs and accomplishments incurred during the January through December 2021 period. My testimony will also provide the specific detail, when necessary, regarding variances that support Tampa Electric's actual January through December 2021 SPP costs.

Q. Did you prepare any exhibits in support of your testimony?

A. Yes. Exhibit No. DLP-1, entitled "Tampa Electric Company, 2021 Storm Protection Plan Accomplishments" was prepared under my direction and supervision.

Q. How is your testimony organized?

A. My testimony is organized by each of the company's SPP Programs, which includes a description of the program, describes the 2021 SPP accomplishments and includes any detail when necessary for the variances between the projected and actual January through December 2021 SPP costs.

Q. Will your testimony address these topics for each of the SPP Programs for which the company incurred costs in 2021?

A. Yes, my testimony is organized to cover all these topics for each of the eight programs in the company's SPP, in addition to the company's SPP Planning and Common expenditures.

Distribution Lateral Undergrounding

Q. Please provide a description of the Distribution Lateral Undergrounding Program.

A. Tampa Electric's Distribution Lateral Undergrounding 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.

Q. How many Distribution Lateral Underground projects were planned for 2021?

A. During the January to December 2021 period, Tampa Electric projected that there would be 520 projects planned for engineering and 205 projects planned for

construction.

Q. How many Distribution Lateral Underground projects did the company initiate and complete in 2021?

A. During the January to December 2021 period, Tampa Electric initiated 439 engineering projects and 78 construction projects. The company completed 169 engineering projects and 39 construction projects which is detailed in my Exhibit No. DLP-1.

Q. What was the cost variance in the Distribution Lateral Underground in 2021?

A. During the January to December 2021 period, the Distribution Lateral Underground program had a variance in revenue requirements of $1,655,137 under budget.

Q. Can you explain why this project count is different and what contributed to the variance amount?

A. Yes, there were three main contributing factors that lead this program to be under budget during the January to December 2021 period. The first, and main, contributing factor was the initial availability of engineers that

were able to appropriately design overhead to underground conversion projects. Tampa Electric uses contractor partners to do this design work. The contractor partners took longer than projected to staff their design teams due to the much tighter job market being experienced. Then, once the design team was staffed, they needed to be trained on Tampa Electric's design criteria to ensure the standards required by the company would be met. The second contributing factor was the process of gaining customer easements, in addition to obtaining permits to support the overhead to underground conversion is taking much longer than originally projected. During 2021 and ending in early 2022, the company obtained the assistance of a consultant to help determine the most cost-effective way to mitigate this issue. The third contributing factor is the company experienced a slight delay in material due to the tightened supply chain market and processing of material to support this program. Tampa Electric initiated a separate warehouse to facilitate the necessary supporting material issue needed for this program. Originally, this program was a 100 percent capital only program. To support this needed separate warehouse, the company charges these separate and incremental warehousing costs as O&M to this program which is detailed on the company's Storm Protection Plan

Cost Recovery Clause True-up file (Form A-5, line 8 and Form A-4, line 8).

Transmission Asset Upgrades

Q. Can you please provide a description of the Transmission Asset Upgrades Program?

A. The Transmission Asset Upgrades Program will proactively and systematically replace the company's remaining wood transmission poles with non-wood material.

Q. How many Transmission Asset Upgrade projects were planned for 2021?

A. Tampa Electric projected that 46 projects would be initiated, consisting of 577 poles to be completed during the January to December 2021 period.

Q. How many Transmission Asset Upgrade projects did the company complete in 2021?

A. During the January to December 2021 period, Tampa Electric completed 32 projects that consisted of replacing 637 wood poles with non-wood structures which is detailed in my Exhibit No. DLP-1.

Q. What was the cost variance in the Transmission Asset Upgrades program in 2021?

A. During the January to December 2021 period, the Transmission Asset Upgrades program had a variance in revenue requirements of $330,834 under budget.

Substation Extreme Weather Hardening

Q. Can you please provide a description of the Substation Extreme Weather Hardening Program?

A. This program will harden and protect the company's substation assets that are vulnerable to flooding or storm surge.

Q. How many Substation Extreme Weather Hardening projects were planned for 2021?

A. Tampa Electric proposed no projects during the January to December 2021 period, however the company did project and complete the Substation Extreme Weather Hardening Study.

Q. What was the cost variance in the Substation Extreme Weather Hardening program in 2021?

A. During the January to December 2021 period, the Substation Extreme Weather Hardening program had a variance in revenue requirements of $106,568 under budget. In the company's original SPP, Tampa Electric projected the Substation Extreme Weather Hardening Study to cost $250,000 and was able to complete the study with a third-party vendor for $143,432.

Distribution Overhead Feeder Hardening

Q. Can you please provide a description of the Distribution Overhead Feeder Hardening Program?

A. 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.

Q. How many Distribution Overhead Feeder Hardening projects were planned for 2021?

A. Tampa Electric projected to complete 33 Distribution Overhead Feeder Hardening projects during the January to December 2021 period.

Q. How many Distribution Overhead Feeder Hardening projects did the company complete in 2021?

A. During the January to December 2021 period, Tampa Electric completed the design of 18 Distribution Overhead Feeder Hardening projects and installed/upgraded 1,222 poles, 143 three-phase reclosers, 334 single-phase reclosers, and 737 fuse coordination replacements on 22 distribution circuits which is detailed in my Exhibit No. DLP-1.

Q. What was the cost variance in the Distribution Overhead Feeder Hardening program in 2021?

A. During the January to December 2021 period, the Distribution Overhead Feeder Hardening program had a variance in revenue requirements of $560,195 under budget. The variance was driven by completing less construction that was originally forecast.

Transmission Access Enhancement

Q. Please provide a description of the Transmission Access Enhancement Program.

A. This program will ensure the company always has access to

its transmission facilities so it can promptly restore its transmission system when outages occur.

Q. How many Transmission Access Enhancement projects were planned for 2021?

A. Tampa Electric projected to complete 18 Transmission Access Enhancement projects (seven (7) access roads and 11 access bridges) to be engineered during the January to December 2021 period.

Q. How many Transmission Access Enhancement projects were engineered in 2021?

A. The company engineered 11 access roads and 13 access bridges as part of the Transmission Access Enhancement program during the January to December 2021 period.

Q. What was the cost variance in the Transmission Access Enhancement program in 2021?

A. During the January to December 2021 period, the Transmission Access Enhancement program had a variance in revenue requirements of $12,581 under budget.

Vegetation Management

Q. Can you please provide a description of the Vegetation Management ("VM") Program?

A. The VM Program consists of three existing legacy storm hardening VM activities and three new VM initiatives. The three existing legacy storm hardening VM activities include the following:

- Four-year distribution VM cycle (Planned)
- Two-year transmission VM cycle (Planned)
- Transmission VM Right of Way Maintenance (Planned)

The three new VM initiatives are:

- Initiative 1: Supplemental Distribution Circuit VM
- Initiative 2: Mid-Cycle Distribution VM
- Initiative 3: 69 kV VM Reclamation

Q. What level of Vegetation Management activity did the company project for each initiative during the period 2021?

A. For the January to December 2021 period, the company projected the following activities:

- Distribution VM: 1,560.0 miles
- Transmission VM: 530.0 miles

- Initiative 1: 510.2 miles
- Initiative 2: 243.1 miles
- Initiative 3: 27.0 miles

Q. What level of Vegetation Management activity did the company complete for each initiative during 2021?

A. For the January to December 2021 period, the company completed the following activities:

- Distribution VM: 1,627.7 miles
- Transmission VM: 523.4 miles
- Initiative 1: 508.0 miles
- Initiative 2: 212.5 miles
- Initiative 3: 6.5 miles

Q. What was the cost variance in the Vegetation Management program in 2021?

A. During the January to December 2021 period, the VM program had a variance in Operating and Maintenance ("O&M") costs of $1,114,525 under budget.

Q. Can you explain why these Vegetation Management completion amounts are different than the projected amount and what contributed to the variance amount?

A. Yes, the variance is made up of three amounts, Planned Distribution VM had a variance of $406,080 under budget; Planned Transmission VM had a variance of $511,406 under budget, and Right of Way Transmission VM had a variance of $197,039 under budget.

The Planned Distribution and Transmission were under budget largely due to the work being planned efficiently with overlapping construction projects and circuit load transfers/circuit reconfiguration which allowed the work to be completed at a lower cost than projected. For Right of Way Transmission VM, the company experienced a loss of the preferred herbicide contractor which led to a temporary period of reduced costs.

Infrastructure Inspections

Q. Can you please provide a description of the Infrastructure Inspections Program?

A. This SPP program involves the inspections performed on the company's T&D infrastructure including all wooden distribution and transmission poles, transmission structures and substations, as well as the audit of all joint use attachments.

Q. How many infrastructure inspection projects did the company project to complete in 2021?

A. Tampa Electric conducts thousands of inspections each year. The number of inspections by type planned for 2021 were as follows:

Distribution:	2021
Wood Pole:	19,650

Transmission:	2021
Wood Pole:	215
Above Ground:	3,895
Aerial Infrared Patrol:	Annually
Ground Patrol:	Annually
Substations:	Annually

Q. How many infrastructure inspection projects did the company complete in 2021?

A. Tampa Electric completed the following inspections by type in 2021:

Distribution:	2021
Wood Pole:	19,861

Transmission:	2021
Wood Pole/Groundline:	284
Above Ground:	3,886
Aerial Infrared Patrol:	Complete
Ground Patrol:	Complete
Substations:	Complete

LEGACY STORM HARDENING INITIATIVES

Q. What are the legacy storm hardening initiatives?

A. These are storm hardening activities that were mandated by the Commission as components of the company's prior storm hardening plan.

Q. Are the legacy storm hardening initiatives the same for the company's SPP as they were in the company's most recent 2019-2021 three-year Storm Hardening Plan that was approved by the Commission?

A. Yes, they are the same, but Tampa Electric extracted the following legacy storm hardening initiatives to be separate SPP Programs and transitioned the cost-recovery for these through the SPPCRC:

- Four-year distribution vegetation management
- Two-year transmission vegetation management

- Transmission Right of Way vegetation management
- Distribution infrastructure inspections
- Transmission infrastructure inspections
- Transmission asset upgrades

Q. What are the other legacy storm hardening initiatives that will not go through the SPPCRC?

A. The other legacy storm hardening initiatives that will not go through the SPPCRC include the following:

- Unplanned distribution vegetation management
- Unplanned transmission vegetation management
- Geographic Information System
- Post-Storm Data Collection
- Outage Data – Overhead and Underground Systems
- Increased Coordination with Local Governments
- Collaborative Research
- Disaster Preparedness and Recovery Plan
- Distribution Wood Pole Replacements

COMMON STORM PROTECTION PLAN ACTIVITIES AND COSTS

Q. Will you please provide a description of the Common Costs?

A. Yes, the costs in the Common Costs category represent

those costs that cannot be attributed to a specific Program. They are an accumulation of incremental costs associated with developing, implementing, managing, and administering the SPP.

Q. What type of costs are in the Common Costs category?

A. The Common Costs reflect those SPP costs that cannot be assigned to a specific SPP program or those costs which bring benefits to the entire portfolio of SPP programs. Examples of this include incremental internal labor to support the administration of the SPP as a whole.

Q. Does that conclude your testimony?

A. Yes, it does.

2021
STORM PROTECTION PLAN
ACCOMPLISHMENTS

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SUMMARY OF 2021

STORM PROTECTION PLAN ACCOMPLISHMENTS

Tampa Electric's Storm Protection Plan ("Plan" or "SPP") sets out a systematic and comprehensive approach to storm protection focused on those Programs and Projects that provide the highest level of reliability and resiliency benefits for the lowest relative cost. The company believes that these activities will achieve the Florida Legislature's goals of "reducing restoration costs and outage times associated with extreme weather events and enhancing reliability" in a cost-efficient manner.

Tampa Electric's 2021 Storm Protection Annual Status Report covers the second year of the company's 2020-2029 Storm Protection Plan, which provides a comprehensive approach to protect and strengthen its electric utility infrastructure to withstand extreme weather conditions as well as to reduce restoration costs and outage times in a prudent, practical and cost-effective manner. Protecting and strengthening Tampa Electric's transmission and distribution electric utility infrastructure against extreme weather conditions can effectively reduce restoration costs and outage times to customers and improve overall service reliability for customers. Tampa Electric received approval of its 2020-2029 Storm Protection Plan in Docket No. 20200067-EI, Order No. PSC-2020-0224-AS-EI, issued June 30, 2020, and finalized by Consummating Order No. PSC-2020-0293-AS-EI issued August 28, 2020.

Distribution Lateral Undergrounding

Tampa Electric's Distribution Lateral Undergrounding Program aims to strategically underground existing overhead lateral primary, lateral secondary and service lines. The expected benefits from this Program are:

- Reducing the number and severity of customer outages during extreme weather events;
- Reducing the amount of system damage during extreme weather;
- Reducing the material and manpower resources needed to respond to extreme weather events;
- Reducing the number of customer complaints from the reduction in outages during extreme weather events; and
- Reducing restoration costs following extreme weather events.

In addition to the many benefits that should be realized from distribution lateral undergrounding during extreme weather events, it will also provide additional blue-sky benefits such as:

- Reducing the number of momentary and prolonged unplanned outages;
- Reducing the number of customer complaints from outages; and
- Improving customer reliability and power quality.

The table below shows the number of distribution lateral undergrounding projects that were designed and constructed in 2021:

Table DLU.1 – 2021 Distribution Lateral Undergrounding

2021 Distribution Lateral Undergrounding			
	Projects Planned	Projects Initiated	Projects Completed
Engineering Design and Right of Way Obtainment	520	439	169
Construction	205	78	39

Vegetation Management

Tampa Electric's Vegetation Management Program ("VMP") combines a continuation of its existing filed and approved distribution and transmission VMP activities with three additional strategic VM initiatives.

In 2021, Tampa Electric utilized approximately 36 contracted tree trim personnel to manage the company's transmission tree trimming requirements. In addition, Tampa Electric's Transmission Vegetation Management Program ("TVMP") continues to comply with the North American Electric Reliability Corporation ("NERC") standard for Transmission Vegetation Management FAC-003-3.

For 2021, Tampa Electric has 295 dedicated distribution tree trim personnel throughout the company's seven service areas. These dedicated resources are broken out into two categories: Proactive and Reactive. The proactive resources are utilized for circuit tree trimming activities and consist of 261 personnel. The reactive resources consist of 34 personnel and are employed for mid-cycle trims, customer requested work and work orders associated with circuit

improvement process. Lastly, Tampa Electric has 36 dedicated personnel responsible for the vegetation management of the company's transmission system.

Tampa Electric continued its efforts toward effective vegetation management as part of a coordinated plan with local governments and communities. Tampa Electric's Line Clearance Department and External Affairs Department hold periodic meetings with local governments and communities related to vegetation maintenance activities, upcoming projects, and emergency recovery strategies. Tampa Electric's External Affairs Department is tasked with communicating with local and state government officials, residential and commercial customers on several topics, including vegetation management. The company's goal is to keep governmental officials aware and briefed on relevant issues regarding these topics while working with internal Tampa Electric departments to resolve vegetation management issues in and around the company's infrastructure in a timely and responsive manner.

In 2021, as part its Florida Arbor Day recognition, Tampa Electric partnered with the Davey Tree Expert Company and the University of South Florida to plant trees around the campus and arboretum.

During the fourth quarter 2021, Tampa Electric submitted its renewal application to the National Arbor Day Foundation's Tree Line USA Program and expects to receive endorsement in the first quarter of 2022. This will be the fourteenth consecutive year Tampa Electric has received the National Arbor Day Foundation's prestigious Tree Line USA Program designation.

Distribution:

Tampa Electric trims the company's distribution system on a four-year cycle. This approach was approved by the Commission in Docket No. 20120038-EI, Order No. PSC 12-0303-PAA-EI, issued June 12, 2012. The four-year cycle is flexible enough to allow the company to change circuit prioritization utilizing the company's reliability-based methodology. The table below shows the number of Four-Year Cycle VM miles completed in 2021:

Table VM.1 – 2021 Distribution Four-Year Cycle

2021 Distribution Vegetation Management Four-Year Cycle (Miles Trimmed)								
3rd Cycle, Year 1								
	Company Service Area							
	CSA	DCA	ESA	PCA	SHA	WSA	WHA	Total
4-Year VM Miles Goal	260.4	92.9	210.3	309.9	182.3	276.0	231.2	1,563.0
4-Year VM Miles Actual	276.9	85.9	133.4	365.6	190.1	294.5	281.4	1,627.7

Some area goals were adjusted during the year to account for customer demand and storm response.

Reactive:

Tampa Electric supports internal and external customer requests through its reactive initiative. Mid-cycle trims, customer requested work and work orders associated with circuit improvement process are the primary categories of reactive work. Work is tracked through the company's work management software. Each work request ("WR") is reviewed by Tampa Electric or contract staff. Those requiring trimming are issued to contract reactive crew. The table below shows the Reactive work requests reviewed and completed in 2021:

Table VM.2 – 2021 Reactive Vegetation Management

2021 Reactive Vegetation Management (Work Requests)								
	Company Service Area							
	CSA	DCA	ESA	PCA	SHA	WSA	WHA	Total
Reactive Work Requests Reviewed	1,231	107	746	370	305	1,240	325	4,324
Reactive Work Requests Trimmed	991	93	627	357	267	1,053	314	3,702

Transmission:

Tampa Electric trims the company's transmission utilizing a comprehensive vegetation management strategy. The company operates three categories of transmission lines 230kV, 138kV, 69kV, and 34kV. For the circuits with voltages above 200kV, the company complies with Federal Energy Regulatory Commission ("FERC") standard FAC-003-4. This standard imposes performance-based, risk-based, and competency-based requirements for vegetation management on these circuits. The company imposes a two-year vegetation management cycle for 138kV circuits, and a three-year cycle for 69kV and 34kV circuits. The company's vegetation management strategy for its transmission system includes the maintenance of the transmission ROW's. The table below shows the Transmission VM completed in 2021 compared to the annual goal:

Table VM.3 – 2021 Transmission Vegetation Management

2021 Transmission Vegetation Management				
	Bulk Transmission (miles)	Non-Bulk Transmission (miles)	Right of Way Transmission (acres)	Total Transmission (miles)
Transmission VM Miles Goal	276.4	247.0	8,000.0	523.4
Transmission VM Miles Actual	276.4	247.0	8,403.8	523.4

New Vegetation Management:

Tampa Electric initiated two additional distribution VM initiatives and one additional transmission VM initiative within the company's 2020-2029 SPP. The purpose of these additional VM initiatives is to enhance the company's current cycles, specifically for the purpose of system storm hardening. These additional VM initiatives are:

Initiative 1: Supplemental Distribution Circuit VM

Initiative 2: Mid-Cycle Distribution VM

Initiative 3: 69 kV VM Reclamation

Initiative 1: Tampa Electric initiated 700 miles of supplemental distribution circuit VM to enhance the current four-year distribution VM cycle to reduce the proximity between vegetation and electrical facilities. Circuit prioritization and selection was centered around storm resiliency and mitigating outage risk on those circuits most susceptible to storm damage. The table below shows the number of miles of supplemental VM by Service Area that were conducted in 2021:

Table VM.4 – 2021 Supplemental Distribution Circuit Vegetation Management

2021 Supplemental Vegetation Management (Miles Trimmed)								
	Company Service Area							
	CSA	DCA	ESA	PCA	SHA	WSA	WHA	Total
Supplemental Miles Goal	159.1	6.2	153.3	25.2	20.5	82.8	63.1	510.2
Supplemental Miles Actual	162.6	14.3	156.6	26.1	20.5	75.2	52.7	508.0

Initiative 2: Tampa Electric initiated Mid-Cycle VM which is an inspection-based approach and is designed to identify and mitigate hazard trees and areas where vegetation cannot be controlled effectively following a four-year distribution VM cycle. In 2021, the company performed VM on 1,382 spans of feeder and removed 451 hazard trees as part of the Mid-Cycle Initiative. The table below shows the number of miles of Mid-Cycle VM by Service Area that was conducted in 2021:

Table VM.5 – 2021 Mid-Cycle Distribution Vegetation Management

2021 Mid-Cycle Distribution Vegetation Management (Miles Inspected)								
	Company Service Area							
	CSA	DCA	ESA	PCA	SHA	WSA	WHA	Total
Mid-Cycle Inspection Miles Goal	40.7	0.0	12.8	42.2	37.0	52.0	58.9	243.6
Mid-Cycle Inspection Miles Actual	40.7	0.0	12.8	42.2	5.9	52.0	58.9	212.5

Initiative 3: Tampa Electric added the 69kV Reclamation Initiative to "reclaim" specific areas of the company's 69kV system that are particularly problematic due to vegetative conditions. The focus of this Initiative is to clear the vegetation undergrowth and remove hazard trees. The company will clear the vegetation within the boundaries of the easement or property but outside of the current 15-foot vegetation-to-conductor clearance specification. In 2021, the company focused on real estate research and surveying. The table below shows the number of miles of 69kV Reclamation VM that was conducted in 2021:

Table VM.6 – 69 kV Reclamation Initiative

2021 69 kV Reclamation Initiative			
	Real Estate Research (miles)	Survey (miles)	Vegetation Management (miles)
69 kV Reclamation Initiative Goal	7.2	13.6	0.0
69 kV Reclamation Initiative Actual	7.2	9.3	6.5

Transmission Asset Upgrades

The Transmission Asset Upgrades Program is a systematic and proactive replacement Program of all Tampa Electric's remaining transmission wood poles with non-wood material. The company intends to complete this conversion from wood transmission poles to non-wood material poles during the timeframe of this initial ten-year SPP. Tampa Electric has over 26,000 transmission poles and structures with approximately 1,350 circuit miles of transmission facilities. The table below shows the number of transmission assets that were hardened in 2021:

Table TAU.1 – 2021 Transmission Asset Upgrades

2021 Transmission Asset Upgrades Structures Hardened / System Update		
	Goal	Actual
Transmission Structures – Poles - Non SPP (Note 1)	N/A	85
Transmission Structures – SPP	577	637
Transmission System Hardened (Percentage)	84.0%	84.2%

Note 1: pole replacements outside of SPP Projects

Substation Extreme Weather Hardening

Tampa Electric's Substation Extreme Weather Hardening Program will harden existing substations to minimize outages, reduce restoration times and enhance emergency response during extreme weather events.

In 2021, Tampa Electric solicited an engineering firm to perform a substation extreme weather hardening study on 24 substations located near or at the coast of Tampa Bay. These substations are in low-elevation areas and are a mix of both transmission and distribution stations. The greatest risk to these substations would be from the impact of water intrusion due to storm surge into the substation control houses and equipment.

The substation hardening study was conducted in three phases (discovery, evaluation, and recommendation). A scorecard was developed for all 24 substations and special attention was paid to substations where outages could impact the grid stability or reliability of service. Out of the 24 substations evaluated, nine (9) substations were recommended for extreme weather hardening with the first proposed projects to start in 2023. Budgetary estimated were given to each substation that includes engineering, permitting, project management, construction, testing and commissioning.

Distribution Overhead Feeder Hardening

Tampa Electric's Distribution Overhead Feeder Hardening Program will strengthen the company's distribution system to withstand increased wind-loading and harsh environmental conditions associated with extreme weather events. The Distribution Overhead Feeder Hardening Program will focus on increasing the resiliency and sectionalizing capabilities of the distribution electrical system to better withstand extreme weather and minimize outages, outage durations and affected customer counts through two primary enhancements: Distribution Feeder Strengthening and Distribution Feeder Sectionalizing and Automation. The table directly below provides the work that was done for designing these enhancements and the table further below provides the actual equipment that was installed in 2021:

Table OVHF.1 – 2021 Distribution Overhead Feeder Hardening Designed Equipment

2021 Distribution Overhead Feeder Hardening Designed Equipment				
Circuit Number	Pole Replacement / Upgrades	Three-Phase Recloser Installations	Single-Phase Recloser Installations	Fuse Coordination Replacements
13227	85	9	20	31
13443	64	7	19	70
13462	90	8	8	62
13633	116	4	15	6
13890	57	4	1	6
13939	59	7	9	43
13461	125	9	60	73
13433	81	1	46	96
14121	35	2	1	12
13101	86	3	10	29
13104	62	2	22	78
13111	38	3	3	30
13309	38	1	6	29
13314	89	2	6	74
13313	69	2	3	17
13339	14	1	0	7
13964	64	2	38	33
13808	119	0	61	15
Total	1,291	67	328	711

Table OVHF.2 – 2021 Distribution Overhead Feeder Hardening Installed Equipment

2021 Distribution Overhead Feeder Hardening Installed Equipment				
Circuit Number	Pole Replacement / Upgrades	Three-Phase Recloser Installations	Single-Phase Recloser Installations	Fuse Coordination Replacements
13308	77	5	34	49
13533	35	6	7	8
13745	61	5	1	13
13805	124	5	29	117
13807	156	70	84	69
13227	85	9	20	31
13443	64	7	19	70
13462	53	5	8	30
13633	116	4	15	6
13890	56	4	1	6
13939	59	7	9	43
13461	124	7	60	73
13433	36	0	22	69
14121	35	2	1	11
13101	66	1	10	15
13104	32	0	10	48
13111	22	3	3	20
13309	9	0	1	25
13313	2	1	0	3
13339	5	2	0	7
13964	5	0	0	16
13314	0	0	0	8
Total	1,222	143	334	737

Transmission Access Enhancements

The Transmission Access Enhancement Program will help ensure the company always has access to its transmission facilities for the performance of restoration. The Program is divided into two components: Access Roads and Access Bridges.

Access Roads: These Projects are designed to restore access to areas where changes in topography and hydrology have negatively impacted existing access roads or created the need to establish new access roads. In 2021, the company continued focusing on the program's specifications, contracts, and plan; only engineering and permitting work was performed. The table below shows the number of access roads that were completed in 2021:

Table TAE.1 – 2021 Transmission Access Enhancement (Access Roads)

2021 Transmission Access Enhancement (Access Roads)				
	Planned	Engineered	Constructed	Completed
Access Roads	7	11	0	0
2020-2029 SPP Access Roads				
	Planned	Completed	Percent Completed	
Access Roads	25	0	0.0%	

Access Bridges: These Projects are designed to enhance or replace the company's current system of bridges used to access its "off road" transmission facilities. In 2021, the company continued focusing on the program's specifications, contracts, and plan; only engineering and permitting work was performed. The table below shows the number of access bridges that were completed in 2021:

Table TAE.2 – 2021 Transmission Access Enhancement (Access Roads)

2021 Transmission Access Enhancement (Access Bridges)				
	Planned	Engineered	Constructed	Completed
Access Bridges	11	13	0	0
2020-2029 SPP Access Bridges				
	Planned	Completed	Percent Completed	
Access Bridges	19	0	0.0%	

Infrastructure Inspections

Tampa Electric's Infrastructure Inspection Program is a comprehensive inspection Program that combines the existing Commission approved Storm Hardening Plan Initiatives of: Wood Pole Inspections, Transmission Structure Inspections, and the Joint Use Pole Attachment Audit.

Wood Pole Inspection Program: Tampa Electric's Wood Pole Inspection Initiative is part of a comprehensive program initiated by the FPSC for Florida investor-owned electric utilities to harden the electric system against severe weather.

This inspection program complies with Order No. PSC-06-0144-PAA-EI, issued February 27, 2006 in Docket No. 060078-EI which requires each investor-owned electric utility to implement an inspection program of its wooden transmission and distribution poles on an eight-year cycle based on the requirements of the NESC. Tampa Electric has approximately 285,000 distribution and lighting wood poles and 26,000 transmission poles appropriate for inspection for a total pole inspection population of approximately 311,000. Approximately 12.5 percent of the known system will be targeted for

inspections annually although the actual number of poles may vary from year to year due to recently constructed circuits, de-energized circuits, reconfigured circuits, etc. This program provides a systematic identification of poles that require repair, reinforcement or replacement to meet strength requirements of the NESC.

The wood pole inspections will be conducted on a substation circuit basis with a goal of inspecting the entire wood pole population every eight years. An average of 36,000 wooden distribution poles will be inspected annually with each pole receiving a visual inspection, a sound & bore procedure and a groundline/excavation inspection (except for chromated copper arsenate “CCA” poles less than 16 years of age.)

Inspection Method and Procedure: Tampa Electric will utilize three basic inspection procedures for determining the condition of wooden poles. These procedures include a visual inspection, sound and bore, and excavation when required.

Visual Inspection: An initial visual inspection shall be made on all poles from the ground line to the pole top to determine the condition of the pole before any additional inspection work is completed. The visual inspection shall include a review of the pole condition itself and any attachments to the pole for conditions that jeopardize reliability and are in need of replacement, repair or minor follow-up. After a pole passes the initial visual inspection, the balance of the required inspection methods will be performed.

Sound and Bore: After passing the visual inspection, the pole shall be sounded to a minimum height of seven feet above the ground line to locate any rotten conditions or pockets of decay inside the pole. Borings shall be made to determine the location and extent of internal decay or voids. All borings shall be plugged with preservative treated wooden dowels. After the pole has passed the sound and bore inspection, an excavation inspection will be performed, if required.

Excavation: For poles requiring excavation, the pole shall be excavated to a minimum depth of 18 inches below the ground line. Any external decay shall be removed to expose the remaining sound wood. The remaining pole strength shall be calculated.

For a pole in concrete or pavement where excavation is not possible, Tampa Electric will utilize a shell boring technique. This will consist of boring two 3/8-inch holes at a 60-degree angle to a depth of 16 to 18 inches below ground level. Upon withdrawing the drill bit, the technician will examine the condition of the wood shavings to determine whether decay is present. A “Shell Gauge” is used to determine the thickness of the shell, which is then used to calculate the pole strength. All borings shall be plugged as previously described.

Hardware Inspection: The inspector shall inspect all of Tampa Electric’s guying, grounding provisions and hardware that is visible from the ground. Any deficiencies or problems will be corrected as directed or reported to Tampa Electric to correct.

Inspection and Treatment Labeling: After completion of the ground line inspection, an aluminum tag identifying the contractor and date of inspection shall be attached to the pole above the birthmark. Additionally, a tag shall be attached identifying any preservative treatments applied and the date of application.

Data Collection: The collected data shall be managed in a database and include information related to pole class, material, vintage, location, pole strength and any pole deficiencies that required follow-up actions, if any.

Inspection in Conjunction with Other Field Work: As part of day-to-day operations, operation personnel are at times required to climb poles to perform different types of field work. Prior to climbing any pole, personnel will assess the condition of the pole. This will include a visual check and may include sounding to determine pole

integrity. This type of inspection will supplement the systematic inspection approach otherwise outlined in this pole inspection program.

Disposition of Poles: Poles with early stage decay that do not require remediation to meet the NESC strength requirements shall be treated with an appropriate preservative treatment. Poles with moderate decay that have substantial sound wood shall be considered for reinforcement. Analysis shall be performed to determine if reinforcement will bring the deficient pole into compliance with the requirements of the NESC. If it is determined that the pole can be reinforced, the pole shall be treated with an appropriate preservative treatment and may be reinforced or replaced if needed. Poles with advanced decay shall fail the inspection and be replaced.

Shared Poles: Tampa Electric supports the Commission's effort to establish pole inspection requirements on the owners of all utility poles. Tampa Electric will coordinate with third-party owners of utility poles that carry the company's facilities. With regard to the third-party's inspection process, the company will rely upon the third-party's inspection requirements and share data requested by the third-party to be utilized in their inspection procedure. Tampa Electric will cooperate, as requested, in the work associated with pole replacement where joint use exists. Third-party poles are visually inspected and sounded for internal decay. Issues found are provided to the third-party owner for resolution.

Chromated Copper Arsenate Pole Inspections: In Docket No. 20080219-EI, Order No. PSC-2008-0615-PAA-EI, issued September 23, 2008 the FPSC approved a modification to Tampa Electric's Wood Pole Inspection Program involving chromated copper arsenate ("CCA") poles. Specifically, the modification requires CCA treated poles less than 16 years of age to be sound and selectively bored. Selective boring shall be performed on poles suspected of internal decay. Additionally, one percent of the annual number of CCA treated poles inspected

less than 16 years of age shall be excavated to validate this inspection method. Finally, all CCA treated poles over 16 years of age shall be excavated.

Reporting: Tampa Electric includes the Annual Wood Pole Inspection Report with the company's Annual Reliability Performance Reports, by March 1st of each year in full accordance with the reporting requirements set forth in Docket No. 20070634-EI, Order No. PSC-2007-0918-PAA-PU, issued November 14, 2007.

Transmission and Substation Inspections: Tampa Electric continues to conduct the multi-pronged inspection approach the company has historically applied to the system which has led to the transmission system having a history of strong reliability performance. This approach includes the eight-year above ground structure inspection cycle, eight-year ground line wood inspection cycle, annual ground patrol, annual aerial infrared patrol, annual substation inspection cycle and the pre-climb inspection requirement. Tampa Electric continues these inspections and also continues the company's ongoing efforts to monitor and evaluate the appropriateness of its transmission structure inspection program to ensure that any cost-effective storm hardening, or reliability opportunities found are taken advantage of.

Standardized reports are provided for each of the formal inspections. Deficiencies identified during the inspections are entered into a maintenance database. This maintenance database is used to prioritize and manage required remediation. Deficiencies identified during the pre-climb inspections are assessed by the on-site crew and reported to supervisory personnel for determination of corrective action.

The table below shows the number of transmission inspections that were completed in 2021:

TRA.1 – 2021 Transmission Inspections

2021 Transmission Inspections		
Transmission Inspection Type	Number of Inspections (Circuits)	Number of Poles
Groundline	24	284
Above Ground	68	3,886
Ground Patrol	212	
Infrared Patrol	212	

Pre-climb Inspections: Tampa Electric crews are required to inspect wooden transmission & distribution poles prior to climbing. As part of these inspections, the employee is required to visually inspect each pole prior to climbing and sound each pole with a hammer if deemed necessary. These pre-climbing inspections serve to provide an additional safety-oriented integrity check of poles prior to the employee ascending the pole and may also result in the identification of any structural deterioration issues.

Substation Inspections: Tampa Electric performs inspections of distribution substations and inspections of transmission substations annually. The substation inspections include visual inspection of the substation fence, equipment, structures, control buildings and the integrity of grounding system for all equipment and structures. The table below shows the number of distribution and transmission substation inspections that were completed in 2021:

Sub.1 – 2021 Substation Inspections

2021 Substation Inspections		
	Distribution Substations	Transmission Substations
Number of Inspections	460	218

Joint-Use Pole Attachments Audits: Tampa Electric continues to conduct comprehensive loading analyses to ensure the company's poles with joint use attachments are not overloaded and meet the NESC or Tampa Electric Standards, whichever is more stringent. These loading analyses are a direct effort to lessen storm related issues on poles with joint use attachments. All current joint use agreements require attaching entities to apply for and gain permission to make attachments to Tampa Electric's poles.

In 2021, Tampa Electric conducted comprehensive loading analyses and continued to streamline processes to better manage attachment requests from attaching entities. The comprehensive loading analysis was performed on 568 poles and all poles determined to be overloaded will be corrected.

For 2022, Tampa Electric will continue conducting comprehensive loading analyses where necessary.

Due to the size of Tampa Electric's service area and the number of poles the company has, there will always be the potential for unknown foreign attachments to exist on facilities which could place additional loading on a facility which may create an overload situation. To help mitigate these potential overload situations, all Tampa Electric joint use agreements have provisions that allow for periodic inspections and/or audits of all joint use attachments to the company's facilities. In addition, all agreements have

provisions that require the attaching party to build and maintain attachments within NESC guidelines or Tampa Electric specifications, whichever are more stringent. All of Tampa Electric's existing joint use agreements require attaching parties to receive authorization from the company prior to making all attachments to its facilities.

In 2021, Tampa Electric reviewed all known attachment records and verified that the company has joint use agreements with all attaching entities. Tampa Electric added one new third-party agreement for a total of 37 attachment agreements with attaching entities and continue negotiations with others requesting permission to attach to Tampa Electric poles.

In 2021, Tampa Electric had steady requests for small cell permit applications. The company's Joint Use department processed 50 pole attachment applications for 568 poles. As a result, the company identified one (1) distribution pole that were overloaded due to joint use attachments and eight (8) poles were overloaded due to Tampa Electric's attachments. Out of the 568 poles that were assessed through the pole attachment application process and the comprehensive loading analysis, there were 76 that had NESC violations due to joint use attachments and no poles with NESC violations due to Tampa Electric attachments. All poles with NESC violations were either corrected by adjustments to attachments, pole replacements or joint use entities' removal of the attachments in violation.

In 2021, effort was made by third party "attachers" to notify Tampa Electric of poles planned for over-lashing. Over-lashing is one specific area of concern which is when a joint use entity attaches to an existing attachment without prior Tampa Electric engineering and authorization.

For 2022, Tampa Electric's Joint Use Department will continue working with small cell companies to finalize attachment agreements. Tampa Electric will continue performing make ready for the small cell and fiber deployments across the company's entire service territory.

Infrastructure Inspections Summary

2021 Infrastructure Inspections Summary			
	Notes	Projected	Actual
Joint Use Audit	Note 1		
Joint Use Inspections			520
Distribution			
Wood Pole Inspections		19,650	19,861
Transmission			
Wood Pole/Groundline Inspections		215	284
Above Ground Inspections		3,895	3,886
Aerial Infrared Patrols		Annually	Completed
Ground Patrols		Annually	Completed
Substation Inspections		Annually	Completed

Note 1: the Joint Use audit was completed in the first quarter of 2020

Legacy Storm Hardening Initiatives

The final category of storm protection activities consists of those legacy Storm Hardening Plan Initiatives that are well-established and steady state and for which the company did not propose any specific Storm Protection Projects for inclusion in the company's 2020-2029 SPP. Tampa Electric continues these activities because the company believes they continue to offer the storm resiliency benefits identified by the Commission in Order No. PSC-2006-0351-PAA-EI, which required the company to perform these activities. In addition, these initiatives are all integrated into the company's ongoing operations.

Geographic Information System: Tampa Electric's Geographic Information System ("GIS") will continue to serve as the foundational database for all transmission, substation and distribution facilities. Development and improvement of the GIS continues. All new computing technology requests and new initiatives are evaluated with

a goal to eliminate redundant, exclusive and difficult to update databases as well as to place emphasis on full integration with Tampa Electric's business processes. These evaluations further cement GIS as the foundational database for Tampa Electric's facilities.

In 2021, Tampa Electric continued to implement changes and enhancements to the company's GIS system. These changes included data updates, plus metadata and functionality changes, to closer align with business processes and improve user performance.

Post-Storm Data Collection and Forensic Analysis: Tampa Electric has implemented a formal process to randomly sample system damage following a major weather event in a statistically significant manner. This information will be used to perform forensic analysis to categorize the root cause of equipment failure. From these reports, recommendations and possible changes will be made regarding engineering, equipment and construction standards and specifications. A hired third party of data collection specialists will patrol a representative sample of the damaged areas of the electric system following a major storm event and perform the data collection process. At a minimum, the following types of information will be collected:

- Pole/Structure – type of damage, size and type of pole, and likely cause of damage;
- Conductor – type of damage, conductor type and size, and likely cause of damage;
- Equipment – type of damage, overhead or underground, size, and likely cause of damage; and
- Hardware – type of damage, size and likely cause of damage.

Third party engineering personnel will perform the forensic analysis of a representative sample of the data obtained to evaluate the root cause of failure and assess future preventive measures where possible and practical. This may include evaluating the type of material used, the type of construction and the environment where the damage

occurred including existing vegetation and elevations. Changes may be recommended and implemented if more effective solutions are identified by the analysis team.

In 2021, Tampa Electric was not impacted by any major hurricanes. Tampa Electric has an established process in place to gather the necessary data for forensic analysis following a Category One or greater storm that significantly impacts the company's service area. This data will be used to determine the root cause of damage after a storm event.

Outage Data Differentiating Between Overhead and Underground Systems: Tampa Electric tracks and stores the company's outage data for overhead and underground systems in a single database called the Distribution Outage Database ("DOD"). The DOD is linked to and receives outage data from the company's EMS and OMS. The DOD tracks outage records according to cause and equipment type and can support the following functionality:

- Centralized capture of outage related data;
- Analysis and clean-up of outage-related data;
- Maintenance and adjustment to distribution outage database data;
- Automatic Generation and distribution of canned reliability reports; and
- Generating ad hoc operational and managerial reports.

The DOD is further programmed to distinguish between overhead and underground systems and is specifically designed to generate distribution service reliability reports that comply with Rule 25-6.0455, F.A.C.

In addition to the DOD and supporting processes, the company's overhead and underground systems are analyzed for accurate performance. The company also has established processes in place for collecting post-storm data and performing forensic analysis to ensure the performance of Tampa Electric's overhead and underground systems are correctly assessed.

Increase Coordination with Local Governments: Tampa Electric representatives continue to focus on maintaining existing vital governmental contacts and participating on disaster recovery committees to collaborate in planning, protection, response, recovery and mitigation efforts. In addition, Tampa Electric representatives will continue to communicate and coordinate with local governments on vegetation management, search and rescue operations, debris clearing, and identification of critical community facilities. Tampa Electric will participate with local and municipal government agencies within its service area, as well as the Florida Division of Emergency Management ("FDEM"), in planning and facilitating joint storm exercises. In addition, Tampa Electric will continue to be involved in improving emergency response to vulnerable populations.

In 2021, Tampa Electric's Emergency Management Department communication efforts continued to focus on local, state, and federal governments and agencies for all emergency management missions. Since COVID-19 consumed state and local agencies' resources, limited storm-related exercises were conducted by external partners, some agencies conducted hurricane briefings and/or training instead. Tampa Electric did conduct its own internal exercises. Communication efforts were focused on continued changes to emergency response plans and Emergency Operations Center ("EOC") activations during a pandemic, as well as health and safety protocols being followed. Tampa Electric participated in storm planning meetings with government officials and agencies in Hillsborough, Pasco, Pinellas, and Polk counties.

In 2021, community focused communications included pre-hurricane season news releases to all major media outlets that serve Tampa Electric customers. All releases were posted on Tampa Electric's website. Hurricane guides were published in several major newspapers including the Tampa Bay Times, Lakeland Ledger, the Winter Haven News Chief, Centro (Spanish), and the Florida Sentinel Bulletin. In addition, Tampa Electric continued to promote its storm restoration video, which is available on the company's website.

Emergency Operations Centers – Key Personnel Contact: In 2021, one (1) named tropical weather event (Hurricane/Tropical Storm Elsa) triggered various county and municipal agencies to activate their EOC at either full or partial activation levels to support emergency response activities. During Hurricane/Tropical Storm Elsa, Tampa Electric was activated virtually by the City of Oldsmar, Hillsborough County, and Pasco County to support emergency response activities; in addition, Tampa Electric reported in person to Pinellas County and the City of Tampa EOCs. Lastly, the State of Florida activated its EOC at full activation for Hurricane/Tropical Storm Elsa. Tampa Electric personnel supported outage reporting and EOC requests virtually from Tallahassee.

The table below shows the activation levels for the tropical weather events by county or municipal EOC which covers Tampa Electric's service area:

EOC	Hurricane Elsa
City of Oldsmar	Partial
City of Plant City	
City of Tampa	Partial
City of Temple Terrace	
Hillsborough County	Partial
Pasco County	Partial
Pinellas County	Partial
Polk County	
State of Florida	Full

Tampa Electric continues to work with local, state and federal governments to streamline the flow of information and incorporate lessons learned to restore electric service as quickly and as safely as possible. Prior to June 1st of each year, the company's Emergency Response Plan is reviewed and updated to ensure Tampa Electric representatives are fully trained to support EOC activation.

Staffing Practices at Local Emergency Operations Centers: Tampa Electric provides representatives to each of the four (4) County EOCs within the company's service territory, including Hillsborough, Pasco, Pinellas and Polk counties. In addition, depending upon the magnitude of the event, representatives are provided to the four (4) municipalities (Cities of Oldsmar, Plant City, Temple Terrace, and Tampa), when requested. The number of liaisons provided is dependent upon various factors (e.g., seating capacity at the EOC, amount of damage, EOC operating hours, available personnel, etc.). Lastly, representatives are also provided to support the State of Florida EOC to support the State and the Florida Public Service Commission ("FPSC") for power restoration issues.

The representatives who staff the EOCs have business acumen and experience in customer service and/or electric or gas distribution. Since the EOC representative role is not a day-to-day job function, the company strives to maintain a balance of seasoned and less experienced representatives during both day and night operations in the EOC when possible. In some EOCs, the company utilizes representatives from the gas company (Peoples Gas System) to supplement Tampa Electric personnel, especially in areas where the company has a natural gas presence. In any case, EOC representatives are trained to deal with both electric and gas issues.

Staffing hours at the EOC are dictated by each EOC's operational periods and are dependent upon the magnitude of the event. EOCs have and may require company representatives to report for duty before the onset of tropical storm force winds and ride-out the storm at the EOC with other Emergency Support Function ("ESF") personnel. Initially, EOCs may, at their discretion, operate 24 hours/day until the event is stabilized. To support the 24-hour cycle, company staffing hours at EOCs are generally based on two (2), 12-hour shifts based on the EOCs operational cycle and vary by County; however, the hours of operation may be adjusted based on EOC needs to support emergency response.

The table below further shows the number of company representatives available to support EOC activation. The table does not represent the number of representatives on-site at the same time.

Utility staffing practices at local EOCs		
EOC in Service Territory	**Number of Utility staff**	**Planned daily hours scheduled for working in the EOC**
Hillsborough County	6-8	Dependent on EOC operational period
City of Plant City	2	Dependent on EOC operational period
City of Oldsmar	2	Dependent on EOC operational period
City of Tampa	4	Dependent on EOC operational period
Pasco County	4	Dependent on EOC operational period
Pinellas County	3	Dependent on EOC operational period
Polk County	3	Dependent on EOC operational period

Responsibilities: The role of the company's EOC representative is to facilitate and respond to critical community issues in support of life safety and power restoration efforts. The representatives are responsible for maintaining situational awareness and communicating any public safety issues or concerns to the company. In addition, the representatives work closely with other ESF liaisons to facilitate or coordinate any requests made by the company or in support of community citizens. The representatives will utilize all available "lifelines" to respond to requests which originate from the EOC or company personnel. Lastly, the EOC representative communicates outage updates and provides restoration status, as requested.

Communications: Because the company has representatives dedicated to each of the county and city EOCs within its service territory, there are limited opportunities for an EOC to not be staffed. In the remote situation where an EOC representative is unavailable, the local EOCs have contact information for their assigned EOC

representatives, as well as the company's Emergency Management personnel, which can be called upon for assistance. In addition, the company's External Affairs Department personnel have established relationships throughout the communities served and are also available to provide support, as needed.

Search and Rescue Teams – Assistance to Local Government: In 2021, Tampa Electric did not receive any requests for Search and Rescue Team assistance, therefore, no Tampa Electric resources were deployed to support local government.

Tree Ordinances, Planting Guides and Trip Procedures: For 2022, the company's Manager of Line Clearance will continue to work with Tampa Electric's External Affairs staff to offer meetings with local government's staff on how Tampa Electric can best work with city staff in pre-storm and post-storm events and to better coordinate the company's tree trimming procedures with governmental ordinances.

Utility's Coordination of Critical Facilities with local governments: Tampa Electric works closely with County Emergency Management ("EM") officials and other stakeholders throughout the year to identify and prioritize facilities deemed most critical to the overall health of the whole community (e.g., public health, safety, security or national/global economy). Tampa Electric has discussions with EM officials email and phone communications. The identification of public and private critical facilities during preparedness planning supports the goal of a coordinated and flexible restoration process for all critical infrastructure and is directly related to business continuity and continuity of the government. Critical facilities for municipalities are identified and incorporated into the respective County data.

The table below provides the dates that Tampa Electric had discussion with local governments during 2021 that involved critical facilities:

Meetings with Local Government				
Entity	**Date(s)**	**Topics**	**Pending Issues/Follow-up Items**	**Contact Information Provided to Local Authorities**
Hillsborough County	1/06/2021 2/02/2021 4/05/2021 4/06/2021 4/22/2021 5/05/2021	Critical Facility Discussion	N/A	Yes
Pasco County	4/06/2021 4/22/2021	Critical Facility Discussion	N/A	Yes
Pinellas County	4/05/2021 4/06/2021 6/11/2021 6/15/2021	Critical Facility Discussion	N/A	Yes
Polk County	3/08/2021 5/27/2021	Critical Facility Discussion	N/A	Yes

Collaborative Research: Tampa Electric will continue the company's participation in collaborative research effort with Florida's other investor-owned electric utilities, several municipals and cooperatives to further the development of storm resilient electric utility infrastructure and technologies that reduce storm restoration costs and outages to customers.

This collaborative research is facilitated by the Public Utility Research Center ("PURC") at the University of Florida. A steering committee comprised of one member from each of the participating utilities provides the direction for research initiatives. Tampa Electric

signed an extension of the memorandum of understanding with PURC in December 2018, effective January 1, 2019, for two years. The memorandum of understanding will automatically extend for successive two-year terms on an evergreen basis until the utilities and PURC agree to terminate the agreement. Tampa Electric will file the updated PURC Collaborative Research Report with the company's annual SPP Report on June 1st.

Disaster Preparedness and Recovery Plan: A key element in minimizing storm-caused outages is having a natural disaster preparedness and recovery plan. A formal disaster plan provides an effective means to document lessons learned, improve disaster recovery training, pre-storm staging activities, and post-storm recovery. The Commission's Order No. PSC-2006-0351-PAA-E1, issued on April 25, 2006, within Docket No. 20060198-E1 required each investor-owned electric utility to develop a formal disaster preparedness and recovery plan that outlines its disaster recovery procedures and maintain a current copy of its utility disaster plan with the Commission.

Tampa Electric will continue to be active in many ongoing activities to support the restoration of the system before, during and after storm activation. The company will continue to lead or support disaster preparedness and recovery plan activities such as planning, training and working with other electric utilities and local government to continually refine and improve the company's ability to respond quickly and efficiently in any restoration situation.

Tampa Electric's Emergency Management plans address all hazards, including extreme weather events and are reviewed annually. Tampa Electric follows the policy set by TECO Energy for Emergency Management and Business Continuity which delineates responsibilities at the employee, company and community levels.

Tampa Electric will also continue to plan, participate in, and conduct internal and external preparedness exercises, collaborating with government emergency management agencies, at the local, state and federal levels. Internal company exercises focus on

testing lessons learned from prior exercises/activations, new procedures, and educating new team members on roles and responsibilities in the areas of incident command, operations, logistics, planning and finance. The scope and type of internal exercises vary from year to year based on exercise objectives defined by a cross-functional exercise design team, following the Homeland Security Exercise and Evaluation Program ("HSEEP"). External preparedness exercises are coordinated by local, state and federal governmental emergency management agencies. Tampa Electric personnel participate in these exercises to test the company's internal emergency response plans, including coordination with Emergency Support Functions ("ESF") to maintain key business relationships at local Emergency Operation Centers ("EOC"). Like Tampa Electric, the exercise type (tabletop, functional or full-scale) and scope varies from year to year, and depending upon the emergency management agencies' exercise objectives, Tampa Electric participants may not be included.

With the exception of 2020 and 2021, Tampa Electric annually participates in the State of Florida's hurricane exercise with the FPSC, which often coincides with exercises conducted by Hillsborough, Pasco, Pinellas and Polk counties. In addition, municipalities within Tampa Electric's service area (Oldsmar, Plant City, Tampa and Temple Terrace) may also host exercises and/or pre-storm season briefings. In 2021, the State of Florida did not conduct its annual hurricane exercise. Tampa Electric participated in FEMA's Integrated Emergency Management Course ("IEMC") with Hillsborough County and participated in trainings and workshops with Polk and Pinellas counties, and the City of Tampa. In 2022, Tampa Electric expects to participate in storm-related exercises at local and state levels.

In 2021, Tampa Electric participated in the following disaster preparedness and recovery plan activities which included in-depth coordination with local, state and federal emergency management in the following areas:

- Principal member of the National Fire Protection Association ("NFPA") 1600 – Committee on Continuity, Emergency, and Crisis Management
- Member of NFPA Technical Committee

- Member of the Edison Electric Institute ("EEI") Business Continuity Leadership Team
- Member of the EEI Mutual Assistance Committee
- Member of the Electric Subsector Coordinating Council ("ESCC") Leadership Working Group
- Member of the Local Mitigation Strategy ("LMS") and Vulnerable Population Committees
- Member of Critical Facility Working Group to review restoration priorities
- Member of the Florida Statewide Mutual Aid Assistance ("MAA") Working Group
- Member of the Southeastern Electric Exchange ("SEE") Mutual Assistance Committee
- Member of the SEE Logistics Subcommittee
- Member of the Florida Emergency Preparedness Association ("FEPA")
- Member of the FEPA Higher Education Working Group
- Member of the Association of Contingency Planners ("ACP")
- Member of the International Association of Emergency Managers ("IAEM")
- Member of the Disaster Recovery Institute ("DRI") International

Tampa Electric continues to participate in internal and external preparedness exercises, collaborating with government emergency management agencies, at local, state and federal levels.

For 2022, Tampa Electric will continue in leadership roles in county and national preparedness groups: Hillsborough County and the COT PDRP, EEI, FEPA Higher Education Working Group, ESCC, the NFPA 1600 Committee on Continuity, Emergency, and Crisis Management, and the NFPA Technical Committee. In addition, Tampa Electric will continue to be active participants in LMS, Vulnerable Population Committees, SEE's Mutual Assistance Committee and Logistics Subcommittee, EEI Mutual Assistance Committee, Florida Statewide MAA Working Group, as well as the

Critical Facility Working Groups. Tampa Electric will also continue to promote growth of its website, Twitter and Facebook followers.

Distribution Pole Replacements: Tampa Electric's distribution pole replacement initiative starts with the company's wood pole inspections and includes designing, utilizing conductors and/or supporting structures, and constructing distribution facilities that meet or exceed the company's current design criteria for the distribution system. The company will continue to appropriately address all poles identified through its Infrastructure Inspection Program.

Overhead to Underground Conversion of Interstate Highway Crossings: The continued focus of this activity is to harden limited access highway crossings to prevent the hindrance of first responders, emergency vehicles and others due to fallen distribution lines blocking traffic. The restoration of downed overhead power lines over interstate highways can be lengthy due to heavy traffic congestion following a major storm. Tampa Electric's current preferred construction standard requires all distribution line interstate crossings to be underground. Therefore, the company initially converted several overhead distribution line crossings to underground on major interstate highways. Through 2021, a total of 16 distribution crossings have been converted. Any remaining distribution interstate highway crossings will be converted to underground as part of the company's SPP or when construction and/or maintenance activities present opportunities.