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April 3, 2023

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. 20230010-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 2022 – December 2022", and the Testimony of C. David Sweat, and Exhibit CDS-1 entitled, "Tampa Electric Company, 2022 Storm Protection Plan Accomplishments."

Thank you for your assistance in connection with this matter.

Sincerely,

A handwritten signature in blue ink that reads "Malcolm N. Means".

Malcolm N. Means

MNM/bml
Attachment

cc: All Parties of Record (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Testimonies, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 3rd day of April 2023 to the following:

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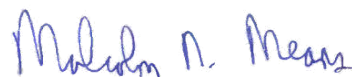
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ATTORNEY



**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

DOCKET NO. 20230010-EI

IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE

TESTIMONY AND EXHIBIT

OF

MARK R. ROCHE

FILED: April 3, 2023

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **PREPARED DIRECT TESTIMONY**

3 **OF**

4 **MARK R. ROCHE**

5
6 **Q.** Please state your name, address, occupation and employer.

7
8 **A.** My name is Mark R. Roche. My business address is 702
9 North Franklin Street, Tampa, Florida 33602. I am
10 employed by Tampa Electric Company ("Tampa Electric" or
11 "the company") as Manager, Regulatory Rates in the
12 Regulatory Affairs Department.

13
14 **Q.** Please provide a brief outline of your educational
15 background and business experience.

16
17 **A.** I graduated from Thomas Edison State College in 1994 with
18 a Bachelor of Science degree in Nuclear Engineering
19 Technology and from Colorado State University in 2009
20 with a Master's degree in Business Administration. My
21 work experience includes twelve years with the US Navy in
22 nuclear operations as well as twenty-five years of
23 electric utility experience. My utility work has
24 included various positions in Marketing and Sales,
25 Customer Service, Distributed Resources, Load Management,

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

10
11 **Q.** What is the purpose of your testimony in this proceeding?

12
13 **A.** The purpose of my testimony is to present and support for
14 Commission review and approval the company's actual SPP
15 programs related true-up costs incurred during the
16 January through December 2022 period.

17
18 **Q.** Did you prepare any exhibits in support of your
19 testimony?

20
21 **A.** Yes. Exhibit No. MRR-1, entitled "Tampa Electric
22 Company, Schedules Supporting Storm Protection Cost
23 Recovery Factor, Actual for the period January 2022-
24 December 2022" was prepared under my direction and
25 supervision. This Exhibit includes Schedules A-1 through

1 A-9 which support the company's actual and prudent SPP
2 program related true-up costs incurred during the January
3 through December 2022 period.

4
5 **Q.** Will any other witnesses testify in support of Tampa
6 Electric's actual January through December 2022 SPP
7 costs?

8
9 **A.** Yes. C. David Sweat will testify on the actual 2022 SPP
10 program achievements and provide specific detail
11 regarding variances that support Tampa Electric's actual
12 January through December 2022 SPPCRC costs.

13
14 **Q.** What were the actual SPPCRC costs incurred by Tampa
15 Electric in the period of January through December 2022?

16
17 **A.** For the period of January through December 2022, Tampa
18 Electric incurred actual SPPCRC costs of \$202,298,513.

19
20 **Q.** What were the actual SPPCRC jurisdictionally separated
21 revenue requirements incurred by Tampa Electric in the
22 period of January through December 2022?

23
24 **A.** For the period of January through December 2022, Tampa
25 Electric incurred actual SPPCRC jurisdictionally

1 separated revenue requirements of \$44,118,287 as detailed
2 in Schedule A-2 page 1 of 1.

3

4 **Q.** What is the final end of period true-up amount for the
5 SPPCRC for January through December 2022?

6

7 **A.** The final SPPCRC end of period true-up for January
8 through December 2022 is an over-recovery, including
9 interest, of \$6,543,328. This calculation is detailed on
10 Schedule A-1, page 1 of 1.

11

12 **Q.** Please summarize how Tampa Electric's SPPCRC actual
13 jurisdictionally separated revenue requirement program
14 costs for January through December 2022 period compared
15 to the actual/estimated costs presented in Docket No.
16 20220010-EI?

17

18 **A.** For the period, January through December 2022, Tampa
19 Electric had a variance of \$5,236,042 or 10.6 percent
20 less than the estimated amount. The estimated total
21 SPPCRC jurisdictionally separated revenue requirement
22 program costs were projected to be \$49,354,329 which was
23 the amount approved in Order No. PSC 2021-020324-FOF-EI,
24 issued August 26, 2021, as compared to the incurred
25 actual jurisdictionally separated revenue requirement

1 SPPCRC costs of \$44,118,287.

2

3 **Q.** Please summarize the reasons why the actual
4 jurisdictionally separated revenue requirement expenses
5 were less than projected expenses by \$5,236,042?

6

7 **A.** Each SPP program's detailed variance and common variance
8 contribution is shown on Schedules A-4, Page 1 of 1 and
9 A-6, Page 1 of 1. The variance explanations that
10 summarize why the actual expenses were less than
11 projected are detailed in the testimony of C. David
12 Sweat.

13

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

16

17 **A.** Yes.

18

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

21

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

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

3

4 A. No, the company entered into the 2020 Settlement
5 Agreement, which was approved by the Commission on June
6 9, 2020. The 2020 Settlement Agreement ensures that no
7 SPP costs recovered through the SPPCRC are also recovered
8 through base rates.

9

10 Q. Should Tampa Electric's costs incurred during the January
11 through December 2022 period for the SPPCRC be approved
12 by the Commission?

13

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

17

18 Q. Does that conclude your testimony?

19

20 A. Yes, it does.

21

22

23

24

25

TAMPA ELECTRIC COMPANY
SCHEDULES SUPPORTING
STORM PROTECTION COST RECOVERY FACTOR
ACTUAL
JANUARY 2022 - DECEMBER 2022

STORM PROTECTION COST RECOVERY

INDEX

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Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2022

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

<u>Line</u>		<u>Period Amount</u>	
1. Over/(Under) Recovery for the Current Period (Form A-2, Line 5)	\$	6,330,739	
2. Interest Provision (Form A-2, Line 6)	\$	212,589	
3. Sum of Prior Period Adjustments (Form A-2, Line 10)	\$	0	
4. End of Period Actual True-Up for the Prior Period January 2022 to December 2022 (Lines 1 + 2 + 3)	\$	6,543,328	
5. Actual/Estimated True-Up Amount Approved for the Period January 2022 to December 2022 (Order No. PSC-2022-0418-FOF-EI)	\$	5,264,627	
6. Prior Period True-Up Amount to be Refunded/(Recovered) in the Projection Period January 2024 to December 2024 (Lines 4 - 5)	\$	1,278,701	
7. Allocation of True-Up to Energy and Demand Based on Variances			
a. SPPCRC Form 4A and SPPCRC Form 6A, Line 12 and Line 7 respectively	\$	-	\$ 152,255
b. Percent of Variance Contribution		0.00000%	100.000000%
c. Line 5b x Line 4	\$	-	\$ 1,278,701
			\$ 1,278,701

6

Tampa Electric Company
 Storm Protection Plan Cost Recovery Clause
 Final True-Up
 Prior Period: January through December 2022

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)	\$ 3,527,255	\$ 3,561,633	\$ 3,438,779	\$ 3,555,142	\$ 4,030,065	\$ 4,627,108	\$ 4,959,331	\$ 4,978,535	\$ 5,038,642	\$ 4,092,304	\$ 3,670,986	\$ 3,535,570	\$ 49,015,350
2. True-Up Provision	119,473	119,473	119,473	119,473	119,473	119,473	119,473	119,473	119,473	119,473	119,473	119,472	1,433,675
3. Clause Revenues Applicable to Period (Lines 1 + 2)	3,646,728	3,681,106	3,558,252	3,674,615	4,149,538	4,746,581	5,078,804	5,098,008	5,158,115	4,211,777	3,790,459	3,655,042	50,449,025
4. Jurisdictional SPPCRC Costs													
a. O&M Activities (Form 5A, Line 13) (A)	2,009,938	2,219,575	2,584,703	2,234,212	1,544,136	4,826,292	1,445,374	1,302,096	2,640,433	1,248,277	2,212,137	3,925,411	28,192,583
b. Capital Investment Projects (Form 7A, Line 7.c.)	802,303	871,214	959,338	1,043,432	1,126,698	1,232,531	1,373,043	1,524,092	1,651,073	1,764,999	1,887,887	1,689,094	15,925,704
c. Total Jurisdictional SPPCRC Costs	2,812,241	3,090,789	3,544,041	3,277,644	2,670,835	6,058,823	2,818,416	2,826,187	4,291,506	3,013,275	4,100,024	5,614,505	44,118,287
5. Over/Under Recovery (Line 3 - Line 4c)	834,488	590,317	14,211	396,972	1,478,704	(1,312,242)	2,260,387	2,271,821	866,609	1,198,501	(309,565)	(1,959,464)	6,330,739
6. Interest Provision (Form A-3, Line 10)	606	1,172	2,253	3,950	6,567	10,067	15,145	21,723	28,863	36,523	42,168	43,552	212,589
7. Beginning Balance True-Up & Interest Provision	6,373,523	7,089,144	7,561,160	7,458,151	7,739,600	9,105,398	7,683,750	9,839,809	12,013,880	12,789,879	13,905,430	13,518,560	6,373,523
a. Deferred True-Up from January to December 2021 (Order No. PSC-2022-0418-FOF-EI)	0	0	0	0	0	0	0	0	0	0	0	0	0
8. True-Up Collected/(Refunded) (see Line 2)	(119,473)	(119,473)	(119,473)	(119,473)	(119,473)	(119,473)	(119,473)	(119,473)	(119,473)	(119,473)	(119,473)	(119,472)	(1,433,675)
9. End of Period Total True-Up (Lines 5+6+7+7a+8)	7,089,144	7,561,160	7,458,151	7,739,600	9,105,398	7,683,750	9,839,809	12,013,880	12,789,879	13,905,430	13,518,560	11,483,176	11,483,176
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)	\$ 7,089,144	\$ 7,561,160	\$ 7,458,151	\$ 7,739,600	\$ 9,105,398	\$ 7,683,750	\$ 9,839,809	\$ 12,013,880	\$ 12,789,879	\$ 13,905,430	\$ 13,518,560	\$ 11,483,176	\$ 11,483,176

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2022

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)	\$ 6,373,523	\$ 7,089,144	\$ 7,561,160	\$ 7,458,151	\$ 7,739,600	\$ 9,105,398	\$ 7,683,750	\$ 9,839,809	\$ 12,013,880	\$ 12,789,879	\$ 13,905,430	\$ 13,518,560	
2. Ending True-Up Amount Before Interest	7,088,538	7,559,988	7,455,898	7,735,650	9,098,831	7,673,683	9,824,664	11,992,157	12,761,016	13,868,907	13,476,392	11,439,624	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	13,462,061	14,649,132	15,017,058	15,193,801	16,838,431	16,779,081	17,508,414	21,831,966	24,774,896	26,658,786	27,381,822	24,958,184	
4. Average True-Up Amount (Line 3 x 1/2)	6,731,031	7,324,566	7,508,529	7,596,901	8,419,216	8,389,541	8,754,207	10,915,983	12,387,448	13,329,393	13,690,911	12,479,092	
5. Interest Rate (First Day of Reporting Business Month)	0.08%	0.14%	0.24%	0.49%	0.76%	1.12%	1.76%	2.40%	2.38%	3.20%	3.37%	4.01%	
6. Interest Rate (First Day of Subsequent Business Month)	0.14%	0.24%	0.49%	0.76%	1.12%	1.76%	2.40%	2.38%	3.20%	3.37%	4.01%	4.37%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.22%	0.38%	0.73%	1.25%	1.88%	2.88%	4.16%	4.78%	5.58%	6.57%	7.38%	8.38%	
8. Average Interest Rate (Line 7 x 1/2)	0.110%	0.190%	0.365%	0.625%	0.940%	1.440%	2.080%	2.390%	2.790%	3.285%	3.690%	4.190%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.009%	0.016%	0.030%	0.052%	0.078%	0.120%	0.173%	0.199%	0.233%	0.274%	0.308%	0.349%	
10. Interest Provision for the Month (Line 4 x Line 9)	\$ 606	\$ 1,172	\$ 2,253	\$ 3,950	\$ 6,567	\$ 10,067	\$ 15,145	\$ 21,723	\$ 28,863	\$ 36,523	\$ 42,168	\$ 43,552	\$ 212,589

Tampa Electric Company
 Storm Protection Plan Cost Recovery Clause
 Final True-Up
 Prior Period: January through December 2022

Form A-4
 Page 1 of 1

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

Line	(1)	(2)	(3)	(4)
	Actual	Estimated Actual	Variance Amount	Percent
1. Vegetation Management O&M Programs				
1. Distribution Vegetation Management - Planned	\$ 19,824,713	\$ 21,160,688	\$ (1,335,975)	-6.3%
2. Transmission Vegetation Management - Planned	3,411,398	3,612,445	(201,047)	-5.6%
3. Transmission Vegetation Management - ROW	-	-	-	0.0%
1.a Subtotal of Vegetation Management Programs	\$ 23,236,111	\$ 24,773,133	\$ (1,537,022)	-6.2%
2. Asset Upgrade O&M Programs				
1. Transmission Asset Upgrades	\$ 1,941,658	\$ 494,370	\$ 1,447,288	292.8%
2.a Subtotal of Asset Upgrade O&M Programs	\$ 1,941,658	\$ 494,370	\$ 1,447,288	292.8%
3. Substation Protection O&M Programs				
1. Substation Extreme Weather Protection	\$ -	\$ -	\$ -	0.0%
3.a Subtotal of Substation Protection O&M Programs	\$ -	\$ -	\$ -	0.0%
4. Overhead Feeder Hardening Programs				
1. Distribution Overhead Feeder Hardening	\$ 428,111	\$ 556,853	\$ (128,742)	-23.1%
4.a Subtotal of Overhead Feeder Hardening Programs	\$ 428,111	\$ 556,853	\$ (128,742)	-23.1%
5. Transmission Access O&M Programs				
1. Transmission Access Enhancement	\$ -	\$ -	\$ -	0.0%
5.a Subtotal of Transmission Access O&M Programs	\$ -	\$ -	\$ -	0.0%
6. Infrastructure Inspection O&M Programs				
1. Distribution Infrastructure Inspections	\$ 1,167,503	\$ 1,020,000	\$ 147,503	14.5%
2. Transmission Infrastructure Inspections	559,766	582,985	(23,219)	-4.0%
6.a Subtotal of Infrastructure Inspection O&M Programs	\$ 1,727,270	\$ 1,602,986	\$ 124,284	7.8%
7. Common SPP O&M Programs				
1. Common O&M (A)	\$ 906,579	\$ 841,470	\$ 65,109	7.7%
7.a Subtotal of Common SPP O&M Programs	\$ 906,579	\$ 841,470	\$ 65,109	7.7%
8. Lateral Undergrounding O&M Programs				
1. Distribution Lateral Undergrounding	\$ 351,918	\$ 180,715	\$ 171,202	94.7%
8.a Subtotal of Lateral Undergrounding O&M Programs	\$ 351,918	\$ 180,715	\$ 171,202	94.7%
9. Total of O&M Programs	\$ 28,591,646	\$ 28,449,527	\$ 142,119	0.5%
10. Allocation of O&M Costs				
a. Distribution O&M Allocated to Demand	\$ 22,678,823	\$ 23,759,727		
b. Transmission O&M Allocated to Demand	5,912,823	4,689,800		
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	0.9325089	0.9325089		
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	\$ 22,678,823	\$ 23,759,727	\$ (1,080,904)	-4.5%
b. Jurisdictional Transmission Demand Revenue Requirement	5,513,760	4,373,280	1,140,480	26.1%
c. Jurisdictional Distribution Energy Revenue Requirement	-	-	-	0.0%
d. Jurisdictional Transmission Energy Revenue Requirement	-	-	-	0.0%
14. Total Jurisdictional O&M Revenue Requirements	\$ 28,192,583	\$ 28,133,007	\$ 59,576	0.2%

Notes:

Column (1) is the End of Period Totals on SPPCRC Form 5A
 Column (2) is amount shown on Form SE End of Period Totals based on Order No. PSC-2022-0418-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	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	End of	Method of Classification		
			January	February	March	April	May	June	July	August	September	October	November	December	Total	Demand	Energy
1.	Vegetation Management O&M Programs																
1.1.	Distribution Vegetation Management - Planned	D	\$ 1,567,205	\$ 1,617,366	\$ 1,999,519	\$ 1,653,751	\$ 1,744,201	\$ 2,718,019	\$ 663,332	\$ 1,668,931	\$ 2,173,896	\$ 873,200	\$ 1,953,554	\$ 1,191,740	\$ 19,824,713	100%	0%
2.	Transmission Vegetation Management - Planned	T	\$ 304,190	\$ 255,550	\$ 89,317	\$ 308,845	\$ 509,826	\$ 280,808	\$ 260,514	\$ 330,634	\$ 436,441	\$ 151,814	\$ 121,523	\$ 361,937	\$ 3,411,398	100%	0%
3.	Transmission Vegetation Management - ROW	T	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	100%	0%	
1.a.	Adjustment	\$	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%	
1.b.	Subtotal of Vegetation Management Programs	\$	1,871,394	\$ 1,872,916	\$ 2,088,835	\$ 1,962,596	\$ 2,254,027	\$ 2,998,827	\$ 923,846	\$ 1,999,565	\$ 2,610,337	\$ 1,025,013	\$ 2,075,077	\$ 1,553,677	\$ 23,236,111		
2.	Asset Upgrade O&M Programs																
2.1.	Transmission Asset Upgrades	T	\$ 10	\$ 1	\$ 0	\$ 363	\$ 45	\$ 38	\$ 61	\$ 272	\$ (81)	\$ 3,047	\$ 200	\$ 1,937,701	\$ 1,941,658	100%	0%
2.a.	Adjustment	\$	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%	
2.b.	Subtotal of Asset Upgrade O&M Programs	\$	10	\$ 1	\$ 0	\$ 363	\$ 45	\$ 38	\$ 61	\$ 272	\$ (81)	\$ 3,047	\$ 200	\$ 1,937,701	\$ 1,941,658		
3.	Substation Protection O&M Programs																
3.1.	Substation Extreme Weather Protection	D	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	100%	0%
3.a.	Adjustment	\$	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%	
3.b.	Subtotal of Substation Protection O&M Programs	\$	0	0	0	0	0	0	0	0	0	0	0	0			
4.	Overhead Feeder Hardening Programs																
4.1.	Distribution Overhead Feeder Hardening	D	\$ (3)	\$ (408)	\$ 0	\$ 785	\$ 29	\$ 930	\$ 15	\$ 0	\$ 73	\$ 151	\$ 55	\$ 426,485	\$ 428,111	100%	0%
4.a.	Adjustment	\$	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%	
4.b.	Subtotal of Overhead Feeder Hardening Programs	\$	(3)	\$ (408)	\$ 0	\$ 785	\$ 29	\$ 930	\$ 15	\$ 0	\$ 73	\$ 151	\$ 55	\$ 426,485	\$ 428,111		
5.	Transmission Access O&M Programs																
5.1.	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	100%	0%	
5.b.	Subtotal of Transmission Access O&M Programs	\$	0	0	0	0	0	0	0	0	0	0	0	0			
6.	Infrastructure Inspection O&M Programs																
6.1.	Distribution Infrastructure Inspections	D	\$ 65,902	\$ 276,379	\$ 312,172	\$ 150,808	\$ (802,678)	\$ 1,682,871	\$ 306,311	\$ (875,728)	\$ (64,732)	\$ 115,650	\$ (144)	\$ 693	\$ 1,167,503	100%	0%
6.2.	Transmission Infrastructure Inspections	T	\$ 43,229	\$ 27,588	\$ 32,501	\$ 50,201	\$ 46,706	\$ 9,471	\$ 152,431	\$ 73,033	\$ 25,836	\$ 28,993	\$ 31,404	\$ 38,374	\$ 559,766	100%	0%
6.a.	Adjustment	\$	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%	
6.b.	Subtotal of Infrastructure Inspection O&M Programs	\$	109,131	\$ 303,968	\$ 344,673	\$ 201,009	\$ (755,972)	\$ 1,692,341	\$ 458,742	\$ (802,695)	\$ (38,896)	\$ 144,643	\$ 31,260	\$ 39,067	\$ 1,727,270		
7.	Common SPP O&M Programs																
7.1.	Common O&M	D	\$ 45,918	\$ 55,806	\$ 152,942	\$ 84,174	\$ 72,400	\$ (2,620)	\$ 74,843	\$ 113,114	\$ 83,676	\$ 74,567	\$ 87,863	\$ 63,897	\$ 906,579	100%	0%
7.a.	Adjustment	\$	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%	
7.b.	Subtotal of Common SPP O&M Programs	\$	45,918	\$ 55,806	\$ 152,942	\$ 84,174	\$ 72,400	\$ (2,620)	\$ 74,843	\$ 113,114	\$ 83,676	\$ 74,567	\$ 87,863	\$ 63,897	\$ 906,579		
8.	Lateral Undergrounding O&M Programs																
8.1.	Distribution Lateral Undergrounding	D	\$ 6,937	\$ 6,401	\$ 6,475	\$ 9,542	\$ 11,171	\$ 156,370	\$ 15,742	\$ 19,102	\$ 16,518	\$ 13,263	\$ 28,018	\$ 62,380	\$ 351,918	100%	0%
8.a.	Adjustment	\$	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%	
8.b.	Subtotal of Lateral Undergrounding O&M Programs	\$	6,937	\$ 6,401	\$ 6,475	\$ 9,542	\$ 11,171	\$ 156,370	\$ 15,742	\$ 19,102	\$ 16,518	\$ 13,263	\$ 28,018	\$ 62,380	\$ 351,918		
9.	Total O&M Programs																
a.	Total Distribution O&M Programs	\$	2,033,386	\$ 2,238,684	\$ 2,592,926	\$ 2,258,469	\$ 1,581,700	\$ 4,845,885	\$ 1,473,248	\$ 1,329,358	\$ 2,671,627	\$ 1,260,685	\$ 2,222,472	\$ 4,083,206	\$ 28,591,646		
b.	Total Transmission O&M Programs	\$	1,685,958	\$ 1,955,544	\$ 2,471,108	\$ 1,899,059	\$ 1,025,124	\$ 4,555,568	\$ 1,060,242	\$ 925,419	\$ 2,209,431	\$ 1,076,831	\$ 2,069,345	\$ 1,745,195	\$ 22,678,824		
10.	Allocation of O&M Costs																
a.	Distribution O&M Allocated to Demand	\$	1,685,958	\$ 1,955,544	\$ 2,471,108	\$ 1,899,059	\$ 1,025,124	\$ 4,555,568	\$ 1,060,242	\$ 925,419	\$ 2,209,431	\$ 1,076,831	\$ 2,069,345	\$ 1,745,195	\$ 22,678,824		
b.	Transmission O&M Allocated to Demand	\$	347,428	\$ 283,140	\$ 121,818	\$ 359,410	\$ 556,576	\$ 290,317	\$ 413,006	\$ 403,939	\$ 462,196	\$ 183,854	\$ 153,127	\$ 2,338,011	\$ 5,912,822		
c.	Distribution O&M Allocated to Energy	\$	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			
11.	Less 2021 Base Revenue O&M Threshold - Distribution																
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	1.0000000		
b.	Transmission Demand Jurisdictional Factor		0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089		
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	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	0.0000000		
13.	Jurisdictional Revenue Requirements																
a.	Jurisdictional Distribution Demand Revenue Requirement	\$	1,685,958	\$ 1,955,544	\$ 2,471,108	\$ 1,899,059	\$ 1,025,124	\$ 4,555,568	\$ 1,060,242	\$ 925,419	\$ 2,209,431	\$ 1,076,831	\$ 2,069,345	\$ 1,745,195	\$ 22,678,824		
b.	Jurisdictional Transmission Demand Revenue Requirement	\$	323,980	\$ 264,031	\$ 113,595	\$ 335,153	\$ 519,012	\$ 270,724	\$ 385,132	\$ 376,677	\$ 431,002	\$ 171,446	\$ 142,792	\$ 2,180,216	\$ 5,513,759		
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	\$	2,009,938	\$ 2,219,575	\$ 2,584,703	\$ 2,234,212	\$ 1,544,136	\$ 4,826,292	\$ 1,445,374	\$ 1,302,096	\$ 2,640,433	\$ 1,248,277	\$ 2,212,137	\$ 3,925,411	\$ 28,192,583		

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DOCKET NO. 20230010-EI
FINAL SPPCRC 2022 TRUE-UP
EXHIBIT MRR-1, SCHEDULE FORM A-5, PAGE 1 OF 5

Tampa Electric Company
 Storm Protection Plan Cost Recovery Clause
 Final True-Up
Prior Period: January through December 2022
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	\$12,605,984	D
	SPP - Supplemental Dist Ckt VM	\$5,935,463	D
	SPP - Mid Cycle Dist VM	\$1,283,266	D
1.2	Transmission Vegetation Management - Planned		
	T-PRE-ROW Clearance	\$0	T
	T-PRE-Tree Trimming/Removals-Plann	\$2,733,358	T
	SPP - Trans 69kV VM Reclamation	\$676,203	T
	SPP - Trans VGM Planned NERC Patrol	\$1,837	T
2.	Asset Upgrade O&M Programs		
2.1	Transmission Asset Upgrades		
	SPP TAU - Circuit 66654	\$0	T
	SPP TAU - Circuit 66840	\$4	T
	SPP TAU - Circuit 66007	\$135	T
	SPP TAU - Circuit 66019	\$73	T
	SPP TAU - Circuit 66425	\$0	T
	SPP TAU - Circuit 230403	\$0	T
	SPP TAU - Circuit 66413	\$23	T
	SPP TAU - Circuit 66046	\$0	T
	SPP TAU - Circuit 66059	\$0	T
	SPP TAU - Circuit 230008	\$0	T
	SPP TAU - Circuit 230038	\$0	T
	SPP TAU - Circuit 230003	\$0	T
	SPP TAU - Circuit 230005	\$393	T
	SPP TAU - Circuit 230004	\$0	T
	SPP TAU - Circuit 230625	\$1,961	T
	SPP TAU - Circuit 230021	\$0	T
	SPP TAU - Circuit 230052	\$0	T
	SPP TAU - Circuit 66024	\$74	T
	SPP TAU - Circuit 230608	\$1,488	T
	SPP TAU - Circuit 230603	\$0	T
	SPP TAU - Circuit 66407	\$51,817	T
	SPP TAU - Circuit 66033	\$42,475	T
	SPP TAU - Circuit 66016	\$75,792	T
	SPP TAU - Circuit 66415	\$11,709	T
	SPP TAU - Circuit 66427	\$12,313	T
	SPP TAU - Circuit 66834	\$35,160	T
	SPP TAU - Circuit 66022	\$76,386	T
	SPP TAU - Circuit 66060	\$9,799	T
	SPP TAU - Circuit 66048	\$5,842	T
	SPP TAU - Circuit 66031	\$0	T
	SPP TAU - Circuit 66036	\$25,913	T
	SPP TAU - Circuit 230402	\$15,776	T

SPP TAU - Circuit 230412	\$0	T
SPP TAU - Circuit 230602	\$124,748	T
SPP TAU - Circuit 230012	\$17,547	T
SPP TAU - Circuit 230606	\$24,101	T
SPP TAU - Circuit 230033	\$13,302	T
SPP TAU - Circuit 230609	\$0	T
SPP TAU - Circuit 230013	\$18,150	T
SPP TAU - Circuit 66030	\$103,691	T
SPP TAU - Circuit 66025	\$121,089	T
SPP TAU - Circuit 66020	\$14,735	T
SPP TAU - Circuit 66027	\$12,013	T
SPP TAU - Circuit 66008	\$0	T
SPP TAU - Circuit 66001	\$110,415	T
SPP TAU - Circuit 66045	\$162,568	T
SPP TAU - Circuit 66026	\$137,300	T
SPP TAU - Circuit 230006	\$75,453	T
SPP TAU - Circuit 66021	\$9,148	T
SPP TAU - Circuit 66028	\$161,474	T
SPP TAU - Circuit 66032	\$42,341	T
SPP TAU - Circuit 66017	\$132,071	T
SPP TAU - Circuit 66011	\$49,111	T
SPP TAU - Circuit 66047	\$0	T
SPP TAU - Circuit 66436	\$102,011	T
SPP TAU - Circuit 66098	\$48,220	T
SPP TAU - Circuit 230020	\$47,271	T
SPP TAU - Circuit 230623	\$28,570	T
SPP TAU - Circuit 230604	\$3,584	T
SPP TAU - Circuit 66035	\$11,551	T
SPP TAU - Circuit 66042	\$167	T
SPP TAU - Circuit 66652	\$1,154	T
SPP TAU - Circuit 66034	\$1,148	T
SPP TAU - Circuit 66838	\$0	T
SPP TAU - Circuit 66040	\$276	T
SPP TAU - Circuit 66656	\$954	T
SPP TAU - Circuit 66412	\$362	T
SPP TAU - Circuit 66830	\$0	T
SPP TAU - Circuit 66650	\$0	T
SPP TAU - Circuit 66657	\$0	T
SPP TAU - Circuit 66043	\$0	T
SPP TAU - Circuit 66837	\$0	T

- 3. Substation Protection O&M Programs
 - 3.1 Substation Extreme Weather Protection
 - SPP SEW O&M - Sub Dist

\$0	D
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4	Overhead Feeder Hardening O&M Programs		
4.1	Distribution Overhead Feeder Hardening		
	SPP FH - E Winterhaven 13308	\$1,725	D
	SPP FH - Knights 13807	\$0	D
	SPP FH - Knights 13805	\$23	D
	SPP FH - Casey Road 13745	\$124	D
	SPP FH - Coolidge 13533	\$0	D
	SPP FH - Lake Region 13443	\$9,143	D
	SPP FH - Pine Lake N 13633	\$22,694	D
	SPP FH - Ehrlich 13890	\$12,251	D
	SPP FH - Lake Magdalene 13939	\$6,847	D
	SPP FH - Clarkwild 13461	\$8,370	D
	SPP FH - Fishhawk 14121	\$5,812	D
	SPP FH - Brandon 13227	\$11,310	D
	SPP FH - Alexander Road 13462	\$14,729	D
	SPP FH - Yukon 13101	\$24,657	D
	SPP FH - McFarland 13104	\$18,454	D
	SPP FH - Manhattan 13111	\$10,164	D
	SPP FH - East Winter Haven 13309	\$12,734	D
	SPP FH - East Winter Haven 13313	\$16,021	D
	SPP FH - East Winter Haven 13314	\$8,448	D
	SPP FH - Waters Avenue 13339	\$953	D
	SPP FH - Twelfth Avenue 13433	\$28,307	D
	SPP FH - Orient Park 13964	\$18,525	D
	SPP FH - Knights 13808	\$7,953	D
	SPP FH - Hopewell 13148	\$5,119	D
	SPP FH - 14th St 13048	\$57,424	D
	SPP FH - Plymouth St 13094	\$0	D
	SPP FH - Lake Juliana 13770	\$21,902	D
	SPP FH - Lake Alfred 13118	\$21,615	D
	SPP FH - Jan Phyl 13296	\$4,138	D
	SPP FH - Trout Creek 13989	\$6,072	D
	SPP FH - Coronet 13984	\$1,590	D
	SPP FH - Fishhawk 14123	\$15,231	D
	SPP FH - Pebble Creek 14094	\$7,644	D
	SPP FH - Rhodine 13651	\$18,540	D
	SPP FH - East Bay 13346	\$17,019	D
	SPP FH - E. Winterhaven 13312	\$12,574	D
	SPP FH - Lake Silver 13292	\$0	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	\$1,167,503	D
6.2	Transmission Infrastructure Inspections		
	T-PRE-Routine Patrols	\$237,891	T
	T-PRE-Above-Ground Inspections	\$11,012	T
	T-PRE-Infrared Inspections	\$102,581	T
	T-PRE-Pole Inspection Program	\$32,842	T
	S-PRE-Transmission-Inspect, Test	\$128,752	T
	S-PRE-Transmission-GSU-Inspect, Tes	\$46,688	T
7	Common SPP O&M Programs		
7.1	Common O&M Programs		
	SPP Common O&M - ED	\$410,654	D
	SPP Common O&M - Regulatory	\$481,020	D
	SPP Common O&M - IT	\$14,905	D
8	Lateral Undergrounding O&M Programs		
8.1	Distribution Lateral Undergrounding		
	SPP LUG - O&M Support	\$276,802	D
	SPP - Warehouse Lease	\$75,116	D

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2022

Form A-6
Page 1 of 1

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

Line	(1)	(2)	(3)	(4)
	Actual	Estimated Actual	Variance Amount	Percent
1. Distribution Lateral Undergrounding Program				
1. Distribution Lateral Undergrounding Program	\$ 10,105,195	\$ 9,318,900	\$ 786,295	8.4%
	\$ -	\$ -	\$ -	0.0%
1.a Subtotal of Distribution Lateral Undergrounding Program	\$ 10,105,195	\$ 9,318,900	\$ 786,295	8.4%
2. Transmission Asset Upgrades Program				
1. Transmission Asset Upgrades Program	\$ 2,864,571	\$ 3,004,449	\$ (139,877)	-4.7%
	\$ -	\$ -	\$ -	0.0%
2.a Subtotal of Transmission Asset Upgrades Program	\$ 2,864,571	\$ 3,004,449	\$ (139,877)	-4.7%
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	\$ 2,828,170	\$ 3,374,539	\$ (546,370)	-16.2%
	\$ -	\$ -	\$ -	0.0%
4.a Subtotal of Distribution Overhead Feeder Hardening Program	\$ 2,828,170	\$ 3,374,539	\$ (546,370)	-16.2%
5. Transmission Access Enhancement Program				
1. Transmission Access Enhancement Program	\$ 127,768	\$ 135,137	\$ (7,370)	-5.5%
	\$ -	\$ -	\$ -	0.0%
5.a Subtotal of Transmission Access Enhancement Program	\$ 127,768	\$ 135,137	\$ (7,370)	-5.5%
6. Total of Capital Investment Programs	\$ 15,925,704	\$ 15,833,025	\$ 92,678	0.6%
7. Allocation of Costs to Energy and Demand				
a. Energy	\$ -	\$ -	\$ -	0.0%
b. Demand	\$ 15,925,704	\$ 15,833,025	\$ 92,679	0.6%

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-2022-0418-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 2022

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	\$ 456,331	\$ 498,681	\$ 559,964	\$ 618,587	\$ 673,798	\$ 748,039	\$ 843,751	\$ 957,371	\$ 1,051,230	\$ 1,132,862	\$ 1,231,730	\$ 1,332,851	\$ 10,105,195
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		\$ 456,331	\$ 498,681	\$ 559,964	\$ 618,587	\$ 673,798	\$ 748,039	\$ 843,751	\$ 957,371	\$ 1,051,230	\$ 1,132,862	\$ 1,231,730	\$ 1,332,851	\$ 10,105,195
1.c.	Distribution Jurisdictional Demand Revenue Requirements	D	\$ 456,331	\$ 498,681	\$ 559,964	\$ 618,587	\$ 673,798	\$ 748,039	\$ 843,751	\$ 957,371	\$ 1,051,230	\$ 1,132,862	\$ 1,231,730	\$ 1,332,851	\$ 10,105,195
1.d.	Distribution Jurisdictional Energy Revenue Requirements	D	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2	Transmission Asset Upgrades Program	T	\$ 188,087	\$ 204,517	\$ 218,903	\$ 229,986	\$ 243,522	\$ 260,349	\$ 285,300	\$ 299,679	\$ 309,681	\$ 319,889	\$ 325,755	\$ 123,539	\$ 3,009,207
2.a.	Transmission Asset Upgrades Program	D	\$ 3,394	\$ 5,263	\$ 5,251	\$ 5,243	\$ 5,237	\$ 5,201	\$ 5,262	\$ 5,071	\$ 4,724	\$ 4,713	\$ 4,658	\$ 4,442	\$ 58,459
2.b.	Adjustments	T	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2.c.	Subtotal of Transmission Asset Upgrades Program		\$ 191,481	\$ 209,780	\$ 224,154	\$ 235,229	\$ 248,759	\$ 265,550	\$ 290,562	\$ 304,750	\$ 314,405	\$ 324,602	\$ 330,413	\$ 127,981	\$ 3,067,666
2.d.	Transmission Jurisdictional Demand Revenue Requirements	T	\$ 175,393	\$ 190,714	\$ 204,129	\$ 214,464	\$ 227,086	\$ 242,778	\$ 266,045	\$ 279,453	\$ 288,780	\$ 298,299	\$ 303,769	\$ 115,201	\$ 2,806,112
2.e.	Transmission Jurisdictional Energy Revenue Requirements	D	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2.f.	Distribution Jurisdictional Demand Revenue Requirements	D	\$ 3,394	\$ 5,263	\$ 5,251	\$ 5,243	\$ 5,237	\$ 5,201	\$ 5,262	\$ 5,071	\$ 4,724	\$ 4,713	\$ 4,658	\$ 4,442	\$ 58,459
2.g.	Distribution Jurisdictional Energy Revenue Requirements	D	\$ 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.	Substation Extreme Weather Program	T	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
3.b.	Adjustments	D	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
3.c.	Subtotal of Substation Extreme Weather Program		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
3.d.	Distribution Jurisdictional Demand Revenue Requirements	D	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
3.e.	Distribution Jurisdictional Energy Revenue Requirements	D	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
3.f.	Transmission Jurisdictional Demand Revenue Requirements	T	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
3.g.	Transmission Jurisdictional Energy Revenue Requirements	T	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
4	Distribution Overhead Feeder Hardening Program	D	\$ 161,593	\$ 169,614	\$ 181,962	\$ 196,415	\$ 211,486	\$ 225,784	\$ 245,104	\$ 268,133	\$ 290,818	\$ 311,391	\$ 328,254	\$ 215,930	\$ 2,806,484
4.a.	Distribution Overhead Feeder Hardening Program	D	\$ 1,171	\$ 1,859	\$ 1,878	\$ 1,874	\$ 1,888	\$ 1,914	\$ 2,022	\$ 2,147	\$ 2,143	\$ 2,139	\$ 2,123	\$ 2,097	\$ 23,255
4.b.	Adjustments	D	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
4.c.	Subtotal of Distribution Overhead Feeder Hardening Program		\$ 162,764	\$ 171,473	\$ 183,840	\$ 198,289	\$ 213,374	\$ 227,698	\$ 247,126	\$ 270,280	\$ 292,961	\$ 313,530	\$ 330,377	\$ 218,027	\$ 2,829,739
4.d.	Distribution Jurisdictional Demand Revenue Requirements	D	\$ 161,593	\$ 169,614	\$ 181,962	\$ 196,415	\$ 211,486	\$ 225,784	\$ 245,104	\$ 268,133	\$ 290,818	\$ 311,391	\$ 328,254	\$ 215,930	\$ 2,806,484
4.e.	Distribution Jurisdictional Energy Revenue Requirements	D	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
4.f.	Transmission Jurisdictional Demand Revenue Requirements	T	\$ 1,092	\$ 1,734	\$ 1,751	\$ 1,748	\$ 1,761	\$ 1,785	\$ 1,886	\$ 2,002	\$ 1,998	\$ 1,995	\$ 1,980	\$ 1,955	\$ 21,686
4.g.	Transmission Jurisdictional Energy Revenue Requirements	T	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
5	Transmission Access Enhancement Program	T	\$ 4,826	\$ 5,586	\$ 6,735	\$ 7,480	\$ 7,861	\$ 9,592	\$ 11,791	\$ 12,934	\$ 14,501	\$ 16,878	\$ 18,762	\$ 20,069	\$ 137,015
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		\$ 4,826	\$ 5,586	\$ 6,735	\$ 7,480	\$ 7,861	\$ 9,592	\$ 11,791	\$ 12,934	\$ 14,501	\$ 16,878	\$ 18,762	\$ 20,069	\$ 137,015
5.c.	Transmission Jurisdictional Demand Revenue Requirements	T	\$ 4,500	\$ 5,209	\$ 6,280	\$ 6,975	\$ 7,330	\$ 8,945	\$ 10,995	\$ 12,061	\$ 13,522	\$ 15,739	\$ 17,496	\$ 18,715	\$ 127,768
5.d.	Transmission Jurisdictional Energy Revenue Requirements	T	\$ 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	1.0000000
6.b.	Transmission Demand Jurisdictional Factor		0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089
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	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	0.0000000
7	Total of Capital Investment Programs		\$ 815,402	\$ 885,520	\$ 974,693	\$ 1,059,585	\$ 1,143,792	\$ 1,250,879	\$ 1,393,230	\$ 1,545,335	\$ 1,673,097	\$ 1,787,872	\$ 1,911,282	\$ 1,698,928	\$ 16,139,615
7.a.	Distribution Jurisdictional Demand Revenue Requirements	D	\$ 621,318	\$ 673,558	\$ 747,177	\$ 820,245	\$ 890,521	\$ 979,024	\$ 1,094,117	\$ 1,230,575	\$ 1,346,772	\$ 1,448,966	\$ 1,564,642	\$ 1,553,223	\$ 12,970,138
7.b.	Distribution Jurisdictional Energy Revenue Requirements	D	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
7.c.	Transmission Jurisdictional Demand Revenue Requirements	T	\$ 180,985	\$ 197,656	\$ 212,161	\$ 223,187	\$ 236,177	\$ 253,507	\$ 278,926	\$ 293,517	\$ 304,301	\$ 316,033	\$ 323,245	\$ 135,871	\$ 2,955,566
7.d.	Transmission Jurisdictional Energy Revenue Requirements	T	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
7.e.	Total Jurisdictional Demand Revenue Requirements		\$ 802,303	\$ 871,214	\$ 959,338	\$ 1,043,432	\$ 1,126,698	\$ 1,232,531	\$ 1,373,043	\$ 1,524,092	\$ 1,651,073	\$ 1,764,999	\$ 1,887,887	\$ 1,689,094	\$ 15,925,704

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

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2022

Form A-7 Detail
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Return on Capital Investments, Depreciation and Taxes
All Capital Programs
(in Dollars)

Line	Description	Beginning of Period Amount	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	2022 October	2022 November	2022 December	2022 TOTAL
1.	Investments														
	a. Expenditures/Additions		\$ 10,040,858	\$ 11,162,547	\$ 15,564,784	\$ 8,101,865	\$ 14,958,214	\$ 15,047,326	\$ 15,835,334	\$ 20,819,955	\$ 16,476,867	\$ 16,270,822	\$ 17,310,577	\$ 12,117,717	\$ 173,706,866
	b. Clearings to Plant		\$ (2,493)	\$ 75,396	\$ 3,150,303	\$ 4,164,693	\$ 3,823,519	\$ 8,337,038	\$ 9,050,268	\$ 1,027,166	\$ 2,525,120	\$ 5,557,042	\$ 2,767,938	\$ 4,122,493	\$ 44,598,485
	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	\$ 15,410,038	\$ 15,407,546	\$ 15,482,942	\$ 18,633,245	\$ 22,797,938	\$ 26,621,457	\$ 34,958,496	\$ 44,008,764	\$ 45,035,930	\$ 47,561,051	\$ 53,118,093	\$ 55,886,030	\$ 60,008,524	
3.	Less: Net Accumulated Depreciation	\$ (130,747)	\$ (163,330)	\$ (195,905)	\$ (229,198)	\$ (269,113)	\$ (317,024)	\$ (372,823)	\$ (444,930)	\$ (545,781)	\$ (648,972)	\$ (756,922)	\$ (875,498)	\$ (996,458)	
4.	CWIP - Non-Interest Bearing	\$ 90,407,239	\$ 100,450,590	\$ 111,537,740	\$ 123,952,221	\$ 127,889,394	\$ 139,024,088	\$ 145,734,376	\$ 152,519,442	\$ 172,312,230	\$ 186,263,977	\$ 196,977,757	\$ 211,520,396	\$ 219,515,620	
5.	Net Investment (Lines 2 + 3 + 4)	\$ 105,686,530	\$ 115,694,805	\$ 126,824,777	\$ 142,356,268	\$ 150,418,218	\$ 165,328,522	\$ 180,320,049	\$ 196,083,276	\$ 216,802,379	\$ 233,176,056	\$ 249,338,928	\$ 266,530,929	\$ 278,527,685	
6.	Average Net Investment		\$ 110,690,669	\$ 121,259,791	\$ 134,590,522	\$ 146,387,243	\$ 157,873,370	\$ 172,824,286	\$ 188,201,662	\$ 206,442,827	\$ 224,989,216	\$ 241,257,492	\$ 257,934,928	\$ 272,529,307	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		\$ 576,891	\$ 631,975	\$ 701,453	\$ 762,933	\$ 822,797	\$ 900,716	\$ 1,004,871	\$ 1,102,267	\$ 1,201,293	\$ 1,288,155	\$ 1,377,200	\$ 1,206,421	\$ 11,576,972
	b. Debt Component Grossed Up For Taxes (B)		\$ 157,549	\$ 172,593	\$ 191,568	\$ 208,358	\$ 224,707	\$ 245,987	\$ 267,875	\$ 293,838	\$ 320,234	\$ 343,389	\$ 367,127	\$ 323,158	\$ 3,116,383
			\$ 734,440	\$ 804,568	\$ 893,021	\$ 971,291	\$ 1,047,504	\$ 1,146,703	\$ 1,272,746	\$ 1,396,105	\$ 1,521,527	\$ 1,631,544	\$ 1,744,327	\$ 1,529,579	\$ 14,693,355
8.	Investment Expenses														
	a. Depreciation (C)		\$ 40,007	\$ 40,001	\$ 40,719	\$ 48,132	\$ 57,302	\$ 66,024	\$ 84,708	\$ 114,379	\$ 116,761	\$ 122,005	\$ 133,612	\$ 136,404	\$ 1,000,056
	b. Depreciation Savings (D)		\$ (7,424)	\$ (7,426)	\$ (7,426)	\$ (8,217)	\$ (9,392)	\$ (10,225)	\$ (12,602)	\$ (13,527)	\$ (14,056)	\$ (15,036)	\$ (15,443)	\$ (134,344)	
	c. Amortization		\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 330,576
	d. Dismantlement		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
	e. Property Taxes (E)		\$ 20,830	\$ 20,830	\$ 20,830	\$ 20,830	\$ 20,830	\$ 20,830	\$ 20,830	\$ 20,830	\$ 20,830	\$ 20,830	\$ 20,830	\$ 20,830	\$ 249,969
	F. Other		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
9.	Total System Recoverable Expenses (Lines 7 + 8)		\$ 815,402	\$ 885,520	\$ 974,693	\$ 1,059,585	\$ 1,143,792	\$ 1,250,879	\$ 1,393,230	\$ 1,545,335	\$ 1,673,097	\$ 1,787,872	\$ 1,911,282	\$ 1,698,928	\$ 16,139,615
	a. Recoverable Distribution Costs Allocated to Demand		\$ 621,318	\$ 673,558	\$ 747,177	\$ 820,245	\$ 890,521	\$ 979,024	\$ 1,094,117	\$ 1,230,575	\$ 1,346,772	\$ 1,448,966	\$ 1,564,642	\$ 1,553,223	\$ 12,970,138
	b. Recoverable Transmission Costs Allocated to Demand		\$ 194,084	\$ 211,962	\$ 227,516	\$ 239,340	\$ 253,271	\$ 271,855	\$ 299,113	\$ 314,760	\$ 326,325	\$ 338,906	\$ 346,640	\$ 145,705	\$ 3,169,477
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		0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	
13.	Retail Distribution Demand-Related Recoverable Costs (E)		\$ 621,318	\$ 673,558	\$ 747,177	\$ 820,245	\$ 890,521	\$ 979,024	\$ 1,094,117	\$ 1,230,575	\$ 1,346,772	\$ 1,448,966	\$ 1,564,642	\$ 1,553,223	\$ 12,970,138
12.	Retail Transmission Demand-Related Recoverable Costs (F)		\$ 180,985	\$ 197,656	\$ 212,161	\$ 223,187	\$ 236,177	\$ 253,507	\$ 278,926	\$ 293,517	\$ 304,301	\$ 316,033	\$ 323,245	\$ 135,871	\$ 2,955,566
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$ 802,303	\$ 871,214	\$ 959,338	\$ 1,043,432	\$ 1,126,698	\$ 1,232,531	\$ 1,373,043	\$ 1,524,092	\$ 1,651,073	\$ 1,764,999	\$ 1,887,887	\$ 1,689,094	\$ 15,925,704

Notes:

- (A) Line 6 x 6.2541% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 6 x 6.4072% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).
- (B) Line 6 x 1.708% 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 1.636%
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

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Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2022

Return on Capital Investments, Depreciation and Taxes
For Program: Distribution Lateral Undergrounding
(in Dollars)

Line	Description	Beginning of Period Amount	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	2022 October	2022 November	2022 December	2022 TOTAL
1.	Investments														
a.	Expenditures/Additions		\$ 5,843,999	\$ 6,931,156	\$ 11,536,928	\$ 4,423,161	\$ 10,304,939	\$ 10,061,444	\$ 10,648,619	\$ 15,762,334	\$ 11,431,561	\$ 11,422,720	\$ 14,829,804	\$ 13,824,562	\$ 127,021,226
b.	Clearings to Plant		\$ (1,295)	\$ 17,634	\$ 2,745,539	\$ 3,442,813	\$ 3,290,148	\$ 6,377,585	\$ 7,284,493	\$ 1,006,272	\$ 2,525,291	\$ 5,538,985	\$ 2,217,656	\$ 3,232,204	\$ 37,677,325
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	\$ 2,013,578	\$ 2,012,284	\$ 2,029,918	\$ 4,775,457	\$ 8,218,270	\$ 11,508,418	\$ 17,886,003	\$ 25,170,496	\$ 26,176,768	\$ 28,702,059	\$ 34,241,044	\$ 36,458,700	\$ 39,690,904	
3.	Less: Net Accumulated Depreciation	\$ (14,741)	\$ (18,581)	\$ (22,414)	\$ (26,287)	\$ (35,880)	\$ (51,908)	\$ (74,740)	\$ (110,090)	\$ (170,078)	\$ (232,387)	\$ (299,488)	\$ (377,178)	\$ (459,639)	
4.	CWIP - Non-Interest Bearing	\$ 58,715,209	\$ 64,560,502	\$ 71,474,024	\$ 80,265,413	\$ 81,245,761	\$ 88,260,552	\$ 91,944,410	\$ 95,308,536	\$ 110,064,598	\$ 118,970,868	\$ 124,854,603	\$ 137,466,751	\$ 148,059,109	
5.	Net Investment (Lines 2 + 3 + 4)	\$ 60,714,046	\$ 66,554,205	\$ 73,481,528	\$ 85,014,582	\$ 89,428,150	\$ 99,717,061	\$ 109,755,673	\$ 120,368,942	\$ 136,071,288	\$ 147,440,540	\$ 158,796,159	\$ 173,548,273	\$ 187,290,374	
6.	Average Net Investment		\$ 63,634,126	\$ 70,017,867	\$ 79,248,055	\$ 87,221,366	\$ 94,572,606	\$ 104,736,367	\$ 115,062,308	\$ 128,220,115	\$ 141,755,914	\$ 153,118,350	\$ 166,172,216	\$ 180,419,324	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (A)		\$ 331,645	\$ 364,916	\$ 413,021	\$ 454,576	\$ 492,889	\$ 545,860	\$ 614,356	\$ 684,610	\$ 756,882	\$ 817,550	\$ 887,249	\$ 963,319	\$ 7,326,873
b.	Debt Component Grossed Up For Taxes (B)		\$ 90,573	\$ 99,659	\$ 112,796	\$ 124,145	\$ 134,608	\$ 149,075	\$ 163,772	\$ 182,500	\$ 201,766	\$ 217,938	\$ 236,518	\$ 256,797	\$ 1,970,147
			\$ 422,218	\$ 464,575	\$ 525,817	\$ 578,721	\$ 627,497	\$ 694,935	\$ 778,128	\$ 867,110	\$ 958,648	\$ 1,035,488	\$ 1,123,767	\$ 1,220,116	\$ 9,297,020
8.	Investment Expenses														
a.	Depreciation (C)		\$ 4,565	\$ 4,561	\$ 4,601	\$ 11,013	\$ 18,486	\$ 25,956	\$ 40,048	\$ 65,604	\$ 67,969	\$ 73,213	\$ 84,782	\$ 89,919	\$ 490,718
b.	Depreciation Savings (D)		\$ (726)	\$ (728)	\$ (728)	\$ (1,421)	\$ (2,458)	\$ (3,124)	\$ (4,698)	\$ (5,616)	\$ (6,112)	\$ (7,092)	\$ (7,458)	\$ (7,458)	\$ (45,820)
c.	Amortization		\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 27,548	\$ 330,576
d.	Dismantlement		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
e.	Property Taxes (E)		\$ 2,725	\$ 2,725	\$ 2,725	\$ 2,725	\$ 2,725	\$ 2,725	\$ 2,725	\$ 2,725	\$ 2,725	\$ 2,725	\$ 2,725	\$ 2,725	\$ 32,701
f.	Other		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
9.	Total System Recoverable Expenses (Lines 7 + 8)	\$ 456,331	\$ 498,681	\$ 559,964	\$ 618,587	\$ 673,798	\$ 748,039	\$ 843,751	\$ 957,371	\$ 1,051,230	\$ 1,132,862	\$ 1,231,730	\$ 1,332,851	\$ 1,433,851	\$ 10,105,195
a.	Recoverable Costs Allocated to Demand	\$ 456,331	\$ 498,681	\$ 559,964	\$ 618,587	\$ 673,798	\$ 748,039	\$ 843,751	\$ 957,371	\$ 1,051,230	\$ 1,132,862	\$ 1,231,730	\$ 1,332,851	\$ 1,433,851	\$ 10,105,195
b.	Recoverable Costs Allocated to Energy	\$ 0	\$ 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)	\$ 456,331	\$ 498,681	\$ 559,964	\$ 618,587	\$ 673,798	\$ 748,039	\$ 843,751	\$ 957,371	\$ 1,051,230	\$ 1,132,862	\$ 1,231,730	\$ 1,332,851	\$ 1,433,851	\$ 10,105,195
13.	Retail Distribution Energy-Related Recoverable Costs (G)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	\$ 456,331	\$ 498,681	\$ 559,964	\$ 618,587	\$ 673,798	\$ 748,039	\$ 843,751	\$ 957,371	\$ 1,051,230	\$ 1,132,862	\$ 1,231,730	\$ 1,332,851	\$ 1,433,851	\$ 10,105,195

Notes:

- (A) Line 6 x 6.2541% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 6 x 6.4072% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).
- (B) Line 6 x 1.708% x 1/12 (Jan-Dec)
- (C) Applicable depreciation groups for additions are 303.15, 355.00, 356.00, 364.00, 365.00, 366.00, 367.00, 368.00, 369.00, 369.02, 370.00, 373.00, 390.00, 391.01, 391.02, 392.02, 394.00, 397.25, and 398.00 and applicable depreciation rates are 6.7%, 2.8%, 2.9%, 3.7%, 2.2%, 1.7%, 2.3%, 4.5%, 1.9%, 2.3%, 7.9%, 2.8%, 1.4%, 14.3%, 25.0%, 7.5%, 14.3%, 2.9%, and 14.3%
- (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 3.7%, 2.2%, 1.7%, 2.3%, 4.5%, 1.9%, 2.3%, and 2.8%
- (E) Ad Valorem Tax Rate is 1.636%
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

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Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2022

Form A-7 Detail
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Return on Capital Investments, Depreciation and Taxes
For Program: Transmission Asset Upgrades (T)
(in Dollars)

Line	Description	Beginning of Period Amount	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	2022 October	2022 November	2022 December	2022 TOTAL
1.	Investments														
a.	Expenditures/Additions		\$ 3,096,522	\$ 2,450,815	\$ 1,910,597	\$ 1,204,006	\$ 2,439,427	\$ 2,337,059	\$ 2,680,706	\$ 1,577,139	\$ 1,375,318	\$ 1,687,559	\$ 91,705	\$ (1,834,504)	\$ 19,016,347
b.	Clearings to Plant		\$ 2,164	\$ (521)	\$ 404,344	\$ 720,746	\$ 528,493	\$ 1,905,103	\$ 58,063	\$ 72,246	\$ 64	\$ 172	\$ 13,546	\$ (97,251)	\$ 3,607,170
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	\$ 8,475,433	\$ 7,903,165	\$ 7,902,644	\$ 8,306,988	\$ 9,027,734	\$ 9,556,227	\$ 11,461,331	\$ 11,519,393	\$ 11,591,639	\$ 11,591,703	\$ 11,591,876	\$ 11,605,422	\$ 11,508,171	
3.	Less: Net Accumulated Depreciation	\$ (81,069)	\$ (88,410)	\$ (103,027)	\$ (117,657)	\$ (133,138)	\$ (150,175)	\$ (168,310)	\$ (190,126)	\$ (212,072)	\$ (234,186)	\$ (256,301)	\$ (278,416)	\$ (298,495)	
4.	CWIP - Non-Interest Bearing	\$ 14,768,645	\$ 17,863,002	\$ 20,314,338	\$ 21,820,591	\$ 22,303,851	\$ 24,214,784	\$ 24,646,740	\$ 27,269,383	\$ 28,774,276	\$ 30,149,530	\$ 31,836,916	\$ 31,915,075	\$ 30,177,822	
5.	Net Investment (Lines 2 + 3 + 4)	\$ 23,163,009	\$ 25,677,757	\$ 28,113,955	\$ 30,009,922	\$ 31,198,447	\$ 33,620,837	\$ 35,939,760	\$ 38,598,650	\$ 40,153,843	\$ 41,507,047	\$ 43,172,491	\$ 43,242,081	\$ 41,387,498	
6.	Average Net Investment		\$ 24,420,383	\$ 26,895,856	\$ 29,061,939	\$ 30,604,185	\$ 32,409,642	\$ 34,780,299	\$ 37,269,205	\$ 39,376,247	\$ 40,830,445	\$ 42,339,769	\$ 43,207,286	\$ 42,314,789	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (A)		\$ 127,273	\$ 140,174	\$ 151,464	\$ 159,501	\$ 168,911	\$ 181,266	\$ 198,993	\$ 210,243	\$ 218,007	\$ 226,066	\$ 230,698	\$ 71,884	\$ 2,084,480
b.	Debt Component Grossed Up For Taxes (B)		\$ 34,758	\$ 38,282	\$ 41,365	\$ 43,560	\$ 46,130	\$ 49,504	\$ 53,047	\$ 56,046	\$ 58,115	\$ 60,264	\$ 61,498	\$ 20,127	\$ 562,696
			\$ 162,031	\$ 178,456	\$ 192,829	\$ 203,061	\$ 215,041	\$ 230,770	\$ 252,040	\$ 266,289	\$ 276,122	\$ 286,330	\$ 292,196	\$ 92,012	\$ 2,647,177
8.	Investment Expenses														
a.	Depreciation (C)		\$ 18,540	\$ 18,545	\$ 18,558	\$ 19,507	\$ 21,201	\$ 22,442	\$ 26,925	\$ 27,062	\$ 27,231	\$ 27,231	\$ 27,231	\$ 25,195	\$ 279,669
b.	Depreciation Savings (D)		\$ (3,928)	\$ (3,928)	\$ (3,928)	\$ (4,026)	\$ (4,164)	\$ (4,306)	\$ (5,109)	\$ (5,116)	\$ (5,116)	\$ (5,116)	\$ (5,116)	\$ (5,116)	\$ (54,973)
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)		\$ 11,444	\$ 11,444	\$ 11,444	\$ 11,444	\$ 11,444	\$ 11,444	\$ 11,444	\$ 11,444	\$ 11,444	\$ 11,444	\$ 11,444	\$ 11,448	\$ 137,332
f.	Other		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
9.	Total System Recoverable Expenses (Lines 7 + 8)	\$ 188,087	\$ 204,517	\$ 218,903	\$ 229,986	\$ 243,522	\$ 260,349	\$ 285,300	\$ 299,679	\$ 309,681	\$ 319,889	\$ 325,755	\$ 123,539	\$ 3,009,207	\$ 3,009,207
a.	Recoverable Costs Allocated to Demand	\$ 188,087	\$ 204,517	\$ 218,903	\$ 229,986	\$ 243,522	\$ 260,349	\$ 285,300	\$ 299,679	\$ 309,681	\$ 319,889	\$ 325,755	\$ 123,539	\$ 3,009,207	\$ 3,009,207
b.	Recoverable Costs Allocated to Energy	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
10.	Transmission Demand Jurisdictional Factor		0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	
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)	\$ 175,393	\$ 190,714	\$ 204,129	\$ 214,464	\$ 227,086	\$ 242,778	\$ 266,045	\$ 279,453	\$ 288,780	\$ 298,299	\$ 303,769	\$ 115,201	\$ 2,806,112	\$ 2,806,112
13.	Retail Transmission Energy-Related Recoverable Costs (G)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	\$ 175,393	\$ 190,714	\$ 204,129	\$ 214,464	\$ 227,086	\$ 242,778	\$ 266,045	\$ 279,453	\$ 288,780	\$ 298,299	\$ 303,769	\$ 115,201	\$ 2,806,112	\$ 2,806,112

Notes:

- (A) Line 6 x 6.2541% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 6 x 6.4072% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).
- (B) Line 6 x 1.708% x 1/12 (Jan-Dec)
- (C) Applicable depreciation groups for additions are 355.00 and 356.00 and applicable depreciation rates are 2.8% and 2.9%
- (D) Applicable depreciation groups for retirements are 355.00 and 356.00 and applicable depreciation rates are 2.8% and 2.9%
- (E) Ad Valorem Tax Rate is 1.636%
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

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Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2022

Form A-7 Detail
Page 5 of 28

Return on Capital Investments, Depreciation and Taxes
For Program: Transmission Asset Upgrades (D)
(in Dollars)

Line	Description	Beginning of Period Amount	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	2022 October	2022 November	2022 December	2022 TOTAL
1.	Investments														
a.	Expenditures/Additions		\$ (271)	\$ (412)	\$ 16	\$ 730	\$ (140)	\$ 0	\$ (4)	\$ (53,563)	\$ (384)	\$ (18)	\$ (13,546)	\$ (3,182)	\$ (70,775)
b.	Clearings to Plant		\$ (271)	\$ (412)	\$ 16	\$ 730	\$ (140)	\$ 0	\$ (4)	\$ (53,563)	\$ (384)	\$ (18)	\$ (13,546)	\$ (3,182)	\$ (70,775)
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	\$ 574,161	\$ 573,749	\$ 573,765	\$ 574,495	\$ 574,355	\$ 574,355	\$ 574,351	\$ 520,787	\$ 520,403	\$ 520,385	\$ 506,839	\$ 503,658	
3.	Less: Net Accumulated Depreciation	\$ 0	\$ (8,790)	\$ (10,308)	\$ (11,825)	\$ (13,342)	\$ (14,861)	\$ (16,355)	\$ (17,850)	\$ (19,344)	\$ (20,683)	\$ (22,021)	\$ (23,359)	\$ (24,546)	
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	\$ 565,371	\$ 563,441	\$ 561,940	\$ 561,153	\$ 559,494	\$ 558,000	\$ 556,501	\$ 501,443	\$ 499,720	\$ 498,364	\$ 483,480	\$ 479,112	
6.	Average Net Investment		\$ 282,686	\$ 564,406	\$ 562,690	\$ 561,546	\$ 560,323	\$ 558,747	\$ 557,250	\$ 528,972	\$ 500,581	\$ 499,042	\$ 490,922	\$ 481,296	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (A)		\$ 1,473	\$ 2,942	\$ 2,933	\$ 2,927	\$ 2,920	\$ 2,912	\$ 2,975	\$ 2,824	\$ 2,673	\$ 2,665	\$ 2,621	\$ 2,570	\$ 32,435
b.	Debt Component Grossed Up For Taxes (B)		\$ 402	\$ 803	\$ 801	\$ 799	\$ 798	\$ 795	\$ 793	\$ 753	\$ 712	\$ 710	\$ 699	\$ 685	\$ 8,750
			\$ 1,875	\$ 3,745	\$ 3,734	\$ 3,726	\$ 3,718	\$ 3,707	\$ 3,768	\$ 3,577	\$ 3,385	\$ 3,375	\$ 3,320	\$ 3,255	\$ 41,185
8.	Investment Expenses														
a.	Depreciation (C)		\$ 1,856	\$ 1,855	\$ 1,854	\$ 1,854	\$ 1,857	\$ 1,856	\$ 1,856	\$ 1,856	\$ 1,701	\$ 1,700	\$ 1,700	\$ 1,548	\$ 21,493
b.	Depreciation Savings (D)		\$ (337)	\$ (337)	\$ (337)	\$ (337)	\$ (337)	\$ (362)	\$ (362)	\$ (362)	\$ (362)	\$ (362)	\$ (362)	\$ (362)	\$ (4,218)
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)		\$ 3,394	\$ 5,263	\$ 5,251	\$ 5,243	\$ 5,237	\$ 5,201	\$ 5,262	\$ 5,071	\$ 4,724	\$ 4,713	\$ 4,658	\$ 4,442	\$ 58,459
a.	Recoverable Costs Allocated to Demand		\$ 3,394	\$ 5,263	\$ 5,251	\$ 5,243	\$ 5,237	\$ 5,201	\$ 5,262	\$ 5,071	\$ 4,724	\$ 4,713	\$ 4,658	\$ 4,442	\$ 58,459
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 Transmission Demand-Related Recoverable Costs (F)		\$ 3,394	\$ 5,263	\$ 5,251	\$ 5,243	\$ 5,237	\$ 5,201	\$ 5,262	\$ 5,071	\$ 4,724	\$ 4,713	\$ 4,658	\$ 4,442	\$ 58,459
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)		\$ 3,394	\$ 5,263	\$ 5,251	\$ 5,243	\$ 5,237	\$ 5,201	\$ 5,262	\$ 5,071	\$ 4,724	\$ 4,713	\$ 4,658	\$ 4,442	\$ 58,459

Notes:

- (A) Line 6 x 6.2541% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 6 x 6.4072% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).
- (B) Line 6 x 1.708% x 1/12 (Jan-Dec)
- (C) Applicable depreciation groups for additions are 364.00, 365.00, 366.00, 367.00, 368.00, 369.00, 369.02, and 373.00 and applicable depreciation rates are 3.7%, 2.2%, 1.7%, 2.3%, 4.5%, 1.9%, 2.3%, and 2.8%
- (D) Applicable depreciation groups for retirements are 365.00, 366.00, 367.00, 368.00, and 369.02 and applicable depreciation rates are 2.2%, 1.7%, 2.3%, 4.5%, and 2.3%
- (E) Ad Valorem Tax Rate is 1.636%
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

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Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up

Form A-7 Detail
Page 6 of 28

Prior Period: January through December 2022

Return on Capital Investments, Depreciation and Taxes For
Program: Substation Extreme Weather Protection (D)
(in Dollars)

Line	Description	Beginning of Period Amount	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	2022 October	2022 November	2022 December	2022 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 \$	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 6.2541% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 6 x 6.4072% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).
- (B) Line 6 x 1.708% 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 1.636%
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

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DOCKET NO. 20230010-EI
FINAL SPPCRC 2022 TRUE-UP
EXHIBIT MRR-1, SCHEDULE FORM A-7, PAGE 6 OF 28

Tampa Electric Company
 Storm Protection Plan Cost Recovery Clause
 Final True-Up
 Prior Period: January through December 2022

Return on Capital Investments, Depreciation and Taxes
For Program: Substation Extreme Weather Protection (T)
 (in Dollars)

Line	Description	Beginning of Period Amount	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	2022 October	2022 November	2022 December	2022 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 \$	0
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
	b. Debt Component Grossed Up For Taxes (B)	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
		\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
8.	Investment Expenses														
	a. Depreciation (C)	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
	b. Depreciation Savings (D)	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
	c. Amortization	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
	d. Dismantlement	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
	e. Property Taxes (E)	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
	f. Other	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
9.	Total System Recoverable Expenses (Lines 7 + 8)	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
	a. Recoverable Costs Allocated to Demand	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
	b. Recoverable Costs Allocated to Energy	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
10.	Transmission Demand Jurisdictional Factor		0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	
11.	Transmission Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
13.	Retail Distribution Energy-Related Recoverable Costs (G)	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	\$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$	0 \$

Notes:

- (A) Line 6 x 6.2541% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 6 x 6.4072% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).
- (B) Line 6 x 1.708% 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 1.636%
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

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Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2022

Return on Capital Investments, Depreciation and Taxes For
Program: Distribution Overhead Feeder Hardening (D)
(in Dollars)

Line	Description	Beginning of Period Amount	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	2022 October	2022 November	2022 December	2022 TOTAL
1.	Investments														
a.	Expenditures/Additions		\$ 1,053,768	\$ 1,601,416	\$ 1,947,112	\$ 2,419,496	\$ 2,148,547	\$ 2,187,188	\$ 2,347,738	\$ 3,330,383	\$ 3,410,791	\$ 2,716,869	\$ 2,293,133	\$ 43,294	\$ 25,499,734
b.	Clearings to Plant		\$ 3,310	\$ 54,935	\$ 405	\$ 403	\$ 0	\$ 54,067	\$ 1,683,875	\$ 2,212	\$ 149	\$ 17,902	\$ 80,703	\$ 34,443	\$ 1,932,404
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)	\$ 4,921,027	\$ 4,708,526	\$ 4,763,461	\$ 4,763,866	\$ 4,764,269	\$ 4,764,269	\$ 4,818,336	\$ 6,502,211	\$ 6,504,423	\$ 6,504,572	\$ 6,522,474	\$ 6,603,178	\$ 6,637,620	
3.	Less: Net Accumulated Depreciation	\$ (34,936)	\$ (47,072)	\$ (59,216)	\$ (72,017)	\$ (84,871)	\$ (97,726)	\$ (110,580)	\$ (123,542)	\$ (140,434)	\$ (157,331)	\$ (174,195)	\$ (191,097)	\$ (207,177)	
4.	CWIP - Non-Interest Bearing	\$ 16,222,517	\$ 17,272,976	\$ 18,819,457	\$ 20,766,163	\$ 23,185,256	\$ 25,333,802	\$ 27,466,924	\$ 28,130,787	\$ 31,458,958	\$ 34,869,600	\$ 37,568,566	\$ 39,780,996	\$ 39,789,847	
5.	Net Investment (Lines 2 + 3 + 4)	\$ 21,108,607	\$ 21,934,430	\$ 23,523,702	\$ 25,458,012	\$ 27,864,654	\$ 30,000,346	\$ 32,174,679	\$ 34,509,455	\$ 37,822,946	\$ 41,216,841	\$ 43,916,845	\$ 46,193,077	\$ 46,220,291	
6.	Average Net Investment		\$ 21,521,519	\$ 22,729,066	\$ 24,490,857	\$ 26,661,333	\$ 28,932,500	\$ 31,087,513	\$ 33,342,067	\$ 36,166,200	\$ 39,519,893	\$ 42,566,843	\$ 45,054,961	\$ 46,206,684	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (A)	\$ 112,165	\$ 118,458	\$ 127,640	\$ 138,952	\$ 150,789	\$ 162,020	\$ 178,024	\$ 193,103	\$ 211,010	\$ 227,279	\$ 240,563	\$ 252,058	\$ 267,141	\$ 2,012,061
b.	Debt Component Grossed Up For Taxes (B)	\$ 30,632	\$ 32,351	\$ 34,859	\$ 37,948	\$ 41,181	\$ 44,248	\$ 47,457	\$ 51,477	\$ 56,250	\$ 60,587	\$ 64,128	\$ 68,127	\$ 71,717	\$ 542,245
		\$ 142,797	\$ 150,809	\$ 162,499	\$ 176,900	\$ 191,970	\$ 206,268	\$ 225,481	\$ 244,580	\$ 267,260	\$ 287,866	\$ 304,691	\$ 319,185	\$ 338,858	\$ 2,554,306
8.	Investment Expenses														
a.	Depreciation (C)	\$ 14,532	\$ 14,541	\$ 15,198	\$ 15,250	\$ 15,251	\$ 15,251	\$ 15,359	\$ 19,289	\$ 19,293	\$ 19,294	\$ 19,331	\$ 19,331	\$ 18,551	\$ 201,141
b.	Depreciation Savings (D)	\$ (2,397)	\$ (2,397)	\$ (2,397)	\$ (2,397)	\$ (2,397)	\$ (2,397)	\$ (2,397)	\$ (2,397)	\$ (2,397)	\$ (2,397)	\$ (2,429)	\$ (2,429)	\$ (2,471)	\$ (28,900)
c.	Amortization	\$ 0	\$ 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	\$ 0
e.	Property Taxes (E)	\$ 6,661	\$ 6,661	\$ 6,661	\$ 6,661	\$ 6,661	\$ 6,661	\$ 6,661	\$ 6,661	\$ 6,661	\$ 6,661	\$ 6,661	\$ 6,661	\$ 6,665	\$ 79,936
f.	Other	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
9.	Total System Recoverable Expenses (Lines 7 + 8)	\$ 161,593	\$ 169,614	\$ 181,962	\$ 196,415	\$ 211,486	\$ 225,784	\$ 245,104	\$ 268,133	\$ 290,818	\$ 311,391	\$ 328,254	\$ 349,818	\$ 371,930	\$ 2,806,484
a.	Recoverable Costs Allocated to Demand	\$ 161,593	\$ 169,614	\$ 181,962	\$ 196,415	\$ 211,486	\$ 225,784	\$ 245,104	\$ 268,133	\$ 290,818	\$ 311,391	\$ 328,254	\$ 349,818	\$ 371,930	\$ 2,806,484
b.	Recoverable Costs Allocated to Energy	\$ 0	\$ 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	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	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)	\$ 161,593	\$ 169,614	\$ 181,962	\$ 196,415	\$ 211,486	\$ 225,784	\$ 245,104	\$ 268,133	\$ 290,818	\$ 311,391	\$ 328,254	\$ 349,818	\$ 371,930	\$ 2,806,484
13.	Retail Distribution Energy-Related Recoverable Costs (G)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	\$ 161,593	\$ 169,614	\$ 181,962	\$ 196,415	\$ 211,486	\$ 225,784	\$ 245,104	\$ 268,133	\$ 290,818	\$ 311,391	\$ 328,254	\$ 349,818	\$ 371,930	\$ 2,806,484

Notes:

- (A) Line 6 x 6.2541% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 6 x 6.4072% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).
- (B) Line 6 x 1.708% x 1/12 (Jan-Dec)
- (C) Applicable depreciation groups for additions are 361.00, 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 1.8%, 2.5%, 3.7%, 2.2%, 1.7%, 2.3%, 4.5%, 1.9%, 2.3%, 2.8%, and 14.3%
- (D) Applicable depreciation groups for retirements are 362.00, 364.00, 365.00, 366.00, 367.00, 368.00, and 373.00 and applicable depreciation rates are 2.5%, 3.7%, 2.2%, 1.7%, 2.3%, 4.5%, and 2.8%
- (E) Ad Valorem Tax Rate is 1.636%
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

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Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up

Form A-7 Detail
Page 9 of 28

Prior Period: January through December 2022

**Return on Capital Investments, Depreciation and Taxes For
Program: Distribution Overhead Feeder Hardening (T)**
(in Dollars)

Line	Description	Beginning of Period Amount	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	2022 October	2022 November	2022 December	2022 TOTAL
1.	Investments														
a.	Expenditures/Additions		\$ (6,401)	\$ 3,760	\$ 0	\$ 0	\$ 5,018	\$ 283	\$ 23,842	\$ 0	\$ 0	\$ 0	\$ (3,731)	\$ 0	\$ 22,773
b.	Clearings to Plant		\$ (6,401)	\$ 3,760	\$ 0	\$ 0	\$ 5,018	\$ 283	\$ 23,842	\$ 0	\$ 0	\$ 0	\$ (3,731)	\$ 0	\$ 22,773
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	\$ 209,410	\$ 213,170	\$ 213,170	\$ 213,170	\$ 218,188	\$ 218,471	\$ 242,313	\$ 242,313	\$ 242,313	\$ 242,313	\$ 238,582	\$ 238,583	
3.	Less: Net Accumulated Depreciation	\$ 0	\$ (478)	\$ (940)	\$ (1,411)	\$ (1,883)	\$ (2,354)	\$ (2,838)	\$ (3,322)	\$ (3,853)	\$ (4,385)	\$ (4,917)	\$ (5,448)	\$ (5,971)	
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	\$ 208,932	\$ 212,230	\$ 211,759	\$ 211,287	\$ 215,834	\$ 215,634	\$ 238,992	\$ 238,460	\$ 237,928	\$ 237,397	\$ 233,134	\$ 232,612	
6.	Average Net Investment		\$ 104,466	\$ 210,581	\$ 211,994	\$ 211,523	\$ 213,561	\$ 215,734	\$ 227,313	\$ 238,726	\$ 238,194	\$ 237,663	\$ 235,266	\$ 232,873	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (A)	\$ 544	\$ 1,097	\$ 1,105	\$ 1,102	\$ 1,113	\$ 1,124	\$ 1,214	\$ 1,275	\$ 1,272	\$ 1,269	\$ 1,256	\$ 1,243	\$ 13,614	
b.	Debt Component Grossed Up For Taxes (B)	\$ 149	\$ 300	\$ 302	\$ 301	\$ 304	\$ 307	\$ 324	\$ 340	\$ 339	\$ 338	\$ 335	\$ 331	\$ 3,670	
		\$ 693	\$ 1,397	\$ 1,407	\$ 1,403	\$ 1,417	\$ 1,431	\$ 1,538	\$ 1,615	\$ 1,611	\$ 1,607	\$ 1,591	\$ 1,574	\$ 17,284	
8.	Investment Expenses														
a.	Depreciation (C)	\$ 514	\$ 498	\$ 507	\$ 507	\$ 507	\$ 519	\$ 520	\$ 568	\$ 568	\$ 568	\$ 568	\$ 568	\$ 559	\$ 6,404
b.	Depreciation Savings (D)	\$ (36)	\$ (36)	\$ (36)	\$ (36)	\$ (36)	\$ (36)	\$ (36)	\$ (36)	\$ (36)	\$ (36)	\$ (36)	\$ (36)	\$ (36)	\$ (433)
c.	Amortization	\$ 0	\$ 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	\$ 0
e.	Property Taxes (E)	\$ 0	\$ 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	\$ 0
9.	Total System Recoverable Expenses (Lines 7 + 8)	\$ 1,171	\$ 1,859	\$ 1,878	\$ 1,874	\$ 1,888	\$ 1,914	\$ 2,022	\$ 2,147	\$ 2,143	\$ 2,139	\$ 2,123	\$ 2,097	\$ 23,255	
a.	Recoverable Costs Allocated to Demand	\$ 1,171	\$ 1,859	\$ 1,878	\$ 1,874	\$ 1,888	\$ 1,914	\$ 2,022	\$ 2,147	\$ 2,143	\$ 2,139	\$ 2,123	\$ 2,097	\$ 23,255	
b.	Recoverable Costs Allocated to Energy	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
10.	Transmission Demand Jurisdictional Factor		0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	
11.	Transmission Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)	\$ 1,092	\$ 1,734	\$ 1,751	\$ 1,748	\$ 1,761	\$ 1,785	\$ 1,886	\$ 2,002	\$ 1,998	\$ 1,995	\$ 1,980	\$ 1,955	\$ 21,686	
13.	Retail Distribution Energy-Related Recoverable Costs (G)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	\$ 1,092	\$ 1,734	\$ 1,751	\$ 1,748	\$ 1,761	\$ 1,785	\$ 1,886	\$ 2,002	\$ 1,998	\$ 1,995	\$ 1,980	\$ 1,955	\$ 21,686	

Notes:

- (A) Line 6 x 6.2541% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 6 x 6.4072% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).
- (B) Line 6 x 1.708% x 1/12 (Jan-Dec)
- (C) Applicable depreciation groups for additions are 353.00, 355.00, and 356.00 and applicable depreciation rates are 2.4%, 2.8%, and 2.9%
- (D) Applicable depreciation groups for retirements are 355.00 and 356.00 and applicable depreciation rates are 2.8% and 2.9%
- (E) Ad Valorem Tax Rate is 1.636%
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

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DOCKET NO. 20230010-EI
FINAL SPPCRC 2022 TRUE-UP
EXHIBIT MRR-1, SCHEDULE FORM A-7, PAGE 9 OF 28

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Final True-Up
Prior Period: January through December 2022

Return on Capital Investments, Depreciation and Taxes
For Program: Transmission Access Enhancements
(in Dollars)

Line	Description	Beginning of Period Amount	2022 January	2022 February	2022 March	2022 April	2022 May	2022 June	2022 July	2022 August	2022 September	2022 October	2022 November	2022 December	2022 TOTAL
1.	Investments														
a.	Expenditures/Additions		\$ 53,241	\$ 175,812	\$ 170,132	\$ 54,473	\$ 60,424	\$ 461,352	\$ 134,434	\$ 203,662	\$ 259,580	\$ 443,693	\$ 113,212	\$ 87,547	\$ 2,217,562
b.	Clearings to Plant		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 473,309	\$ 956,279	\$ 1,429,588
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	\$ 473,309	\$ 1,429,588	
3.	Less: Net Accumulated Depreciation	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ (631)	
4.	CWIP - Non-Interest Bearing	\$ 700,868	\$ 754,109	\$ 929,921	\$ 1,100,053	\$ 1,154,527	\$ 1,214,950	\$ 1,676,303	\$ 1,810,736	\$ 2,014,399	\$ 2,273,979	\$ 2,717,671	\$ 2,357,574	\$ 1,488,842	
5.	Net Investment (Lines 2 + 3 + 4)	\$ 700,868	\$ 754,109	\$ 929,921	\$ 1,100,053	\$ 1,154,527	\$ 1,214,950	\$ 1,676,303	\$ 1,810,736	\$ 2,014,399	\$ 2,273,979	\$ 2,717,671	\$ 2,830,883	\$ 2,917,799	
6.	Average Net Investment		\$ 727,489	\$ 842,015	\$ 1,014,987	\$ 1,127,290	\$ 1,184,738	\$ 1,445,626	\$ 1,743,519	\$ 1,912,567	\$ 2,144,189	\$ 2,495,825	\$ 2,774,277	\$ 2,874,341	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (A)	\$ 3,791	\$ 4,388	\$ 5,290	\$ 5,875	\$ 6,175	\$ 7,534	\$ 9,309	\$ 10,212	\$ 11,449	\$ 13,326	\$ 14,813	\$ 15,347	\$ 107,509	
b.	Debt Component Grossed Up For Taxes (B)	\$ 1,035	\$ 1,198	\$ 1,445	\$ 1,605	\$ 1,686	\$ 2,058	\$ 2,482	\$ 2,722	\$ 3,052	\$ 3,552	\$ 3,949	\$ 4,091	\$ 28,875	
		\$ 4,826	\$ 5,586	\$ 6,735	\$ 7,480	\$ 7,861	\$ 9,592	\$ 11,791	\$ 12,934	\$ 14,501	\$ 16,878	\$ 18,762	\$ 19,438	\$ 136,384	
8.	Investment Expenses														
a.	Depreciation (C)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 631	\$ 631
b.	Depreciation Savings (D)	\$ 0	\$ 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	\$ 0
d.	Dismantlement	\$ 0	\$ 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	\$ 0
f.	Other	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
9.	Total System Recoverable Expenses (Lines 7 + 8)	\$ 4,826	\$ 5,586	\$ 6,735	\$ 7,480	\$ 7,861	\$ 9,592	\$ 11,791	\$ 12,934	\$ 14,501	\$ 16,878	\$ 18,762	\$ 20,069	\$ 137,015	
a.	Recoverable Costs Allocated to Demand	\$ 4,826	\$ 5,586	\$ 6,735	\$ 7,480	\$ 7,861	\$ 9,592	\$ 11,791	\$ 12,934	\$ 14,501	\$ 16,878	\$ 18,762	\$ 20,069	\$ 137,015	
b.	Recoverable Costs Allocated to Energy	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
10.	Transmission Demand Jurisdictional Factor	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	0.9325089	
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	0.0000000	
12.	Retail Transmission Demand-Related Recoverable Costs (F)	\$ 4,500	\$ 5,209	\$ 6,280	\$ 6,975	\$ 7,330	\$ 8,945	\$ 10,995	\$ 12,061	\$ 13,522	\$ 15,739	\$ 17,496	\$ 18,715	\$ 127,768	
13.	Retail Transmission Energy-Related Recoverable Costs (G)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	\$ 4,500	\$ 5,209	\$ 6,280	\$ 6,975	\$ 7,330	\$ 8,945	\$ 10,995	\$ 12,061	\$ 13,522	\$ 15,739	\$ 17,496	\$ 18,715	\$ 127,768	

Notes:

- (A) Line 6 x 6.2541% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 6 x 6.4072% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).
- (B) Line 6 x 1.708% x 1/12 (Jan-Dec)
- (C) Applicable depreciation groups for additions are 359.00 and 364.00 and applicable depreciation rates are 1.6% and 3.7%
- (D) Applicable depreciation group for retirements is TBD
- (E) Ad Valorem Tax Rate is 1.636%
- (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 2022
Project Listing by Each Capital Program

Line	Capital Activities	Spend	T or D
1.	Distribution Lateral Undergrounding Program		
	LUG PCA 13390.92599119	\$1,598,606	D
	LUG PCA 13961.92829453	\$23,035	D
	LUG PCA 13724.90911087	\$446,453	D
	LUG PCA 13146.10629014	\$26,124	D
	LUG WHA 13972.92421291	\$595	D
	LUG WHA 13312.60182741	\$139,899	D
	LUG WHA 13972.90241880	\$6,635	D
	LUG PCA 13961.92820848	\$435,987	D
	LUG PCA 13961.60193482	\$770,959	D
	LUG PCA 13785.10676209	\$0	D
	LUG ESA 13174.60588225	\$11,403	D
	LUG ESA 13454.90755954	\$38,477	D
	LUG ESA 13174.60451701	\$0	D
	LUG ESA 13710.92881445	\$61,158	D
	LUG ESA 13509.60287236	\$308,438	D
	LUG SHA 13897.10933151	\$744,503	D
	LUG ESA 13174.10913196	\$11,724	D
	LUG ESA 13171.90598389	\$133,528	D
	LUG ESA 13211.60044019	\$209,551	D
	LUG ESA 13231.10868138	\$15,366	D
	LUG CSA 14040.10786382	\$7,298	D
	LUG CSA 13840.93019714	(\$4,506)	D
	LUG CSA 14040.10786374	\$188,363	D
	LUG CSA 13836.91406672	\$0	D
	LUG DCA 13815.92407065	\$0	D
	LUG DCA 13815.90288627	\$0	D
	LUG DCA 13815.93026469	\$1,055,961	D
	LUG CSA 13183.60036344	\$472	D
	LUG CSA 13205.60059346	\$1,246	D
	LUG CSA 13934.10467606	\$636	D
	LUG WSA 14032.10820614	\$112,197	D
	LUG WSA 13071.90738378	\$124,042	D
	LUG WSA 14032.92634300	\$80,307	D
	LUG WSA 13071.91245761	(\$11,820)	D
	LUG WSA 14032.91487301	(\$7,462)	D
	LUG WSA 14032.10339836	(\$828)	D
	LUG WSA 14032.92803239	(\$11,481)	D
	LUG WSA 13071.91432110	\$0	D
	LUG WSA 13071.91432109	\$1,157	D
	LUG WSA 14032.92729035	(\$18,957)	D
	LUG PCA 13462.60458175	\$3,908	D
	LUG PCA 14121.93159006	\$0	D
	LUG PCA 13462.60180762	\$23,836	D
	LUG PCA 13462.91407512	\$29,362	D
	LUG PCA 13390.10643541	\$0	D

LUG PCA 13120.60015632	\$19,298	D
LUG PCA 13785.92466250	\$2,305,535	D
LUG WSA 13198.92183966	\$99,377	D
LUG WSA 13678.90514649	\$377,233	D
LUG WSA 13425.10244449	\$526,832	D
LUG WSA 13670.93124410	\$174,565	D
LUG WSA 13428.91540495	\$790,050	D
LUG WSA 13332.91335523	\$19,269	D
LUG WSA 13544.10053266	\$37,523	D
LUG WSA 13109.90641822	\$24,484	D
LUG WSA 13747.10299739	\$106,705	D
LUG WSA 13756.60165357	\$18,082	D
LUG WSA 13491.10230118	\$737,135	D
LUG WSA 13141.92630916	\$75,876	D
LUG WSA 13673.10277744	\$918,092	D
LUG WSA 13138.60079254	\$24,340	D
LUG WSA 13141.92442349	\$4,618	D
LUG WSA 13333.10007582	\$220,896	D
LUG WSA 13586.92298267	\$43,655	D
LUG WSA 13138.10145625	\$90,631	D
LUG WSA 13140.10013916	\$5,708	D
LUG WSA 13113.90796385	\$109,067	D
LUG WSA 13138.10145628	\$2,058,643	D
LUG WSA 13164.10158909	\$91,263	D
LUG WSA 13140.91873275	\$47,579	D
LUG WSA 13605.91052996	\$92,959	D
LUG WSA 13071.60170422	\$1,109,088	D
LUG WSA 13111.92999604	\$75,913	D
LUG WSA 13586.60303627	\$1,049,528	D
LUG CSA 13633.92740152	(\$72,313)	D
LUG CSA 13592.10402239	(\$7,418)	D
LUG CSA 13351.93283733	\$10,329	D
LUG CSA 13099.90882614	\$908,607	D
LUG CSA 13093.91004837	\$1,283,850	D
LUG CSA 13630.10429536	(\$10,828)	D
LUG CSA 13205.90998414	(\$11,588)	D
LUG CSA 13948.91837409	\$6,579	D
LUG CSA 13093.91004843	\$0	D
LUG CSA 13836.91377944	\$234,915	D
LUG CSA 13102.60123654	\$123,207	D
LUG CSA 13158.92874802	\$5,207	D
LUG CSA 13176.10375134	\$69,495	D
LUG CSA 13107.10376173	\$158,607	D
LUG CSA 13057.10121709	(\$6,188)	D
LUG CSA 13418.92357188	\$647,280	D
LUG CSA 13592.91213055	\$259,013	D
LUG CSA 13100.91340554	\$146,849	D
LUG CSA 13715.90737020	(\$4,711)	D
LUG CSA 13176.91029163	\$2,462	D
LUG CSA 13835.60131429	(\$10,630)	D

LUG CSA 13593.93057902	\$766,108	D
LUG CSA 13105.10580678	\$16,646	D
LUG CSA 13188.10655453	\$27,623	D
LUG CSA 13592.10402259	\$1,512	D
LUG CSA 13948.10442385	\$360,349	D
LUG ESA 13230.10471354	\$19,942	D
LUG ESA 13502.92679861	\$12,147	D
LUG ESA 13796.10842826	\$3,002	D
LUG ESA 13454.60140423	\$0	D
LUG ESA 13509.10501132	\$35,269	D
LUG ESA 13433.10466911	\$10,933	D
LUG ESA 13230.92208546	\$0	D
LUG ESA 13171.93104605	\$8,845	D
LUG ESA 13509.90504849	\$136,091	D
LUG ESA 13502.92573944	\$93,959	D
LUG ESA 13799.60395568	\$21,028	D
LUG ESA 13226.10462583	\$9,389	D
LUG ESA 14116.60140011	\$375,588	D
LUG ESA 13797.93188519	\$1,093,509	D
LUG ESA 13226.92664597	(\$72)	D
LUG ESA 13796.92728705	\$74,443	D
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LUG ESA 13171.90374558	\$0	D
LUG ESA 13796.92884623	\$5,746	D
LUG ESA 13502.92577310	\$0	D
LUG ESA 13225.60139973	\$19,822	D
LUG ESA 13796.10842823	\$5,161	D
LUG ESA 13226.92670950	\$360,772	D
LUG ESA 13226.92665539	\$54,699	D
LUG ESA 13883.91179506	\$70,668	D
LUG ESA 13509.91772133	\$39,201	D
LUG ESA 13509.10501150	\$5,420	D
LUG ESA 13454.90429155	\$45,832	D
LUG ESA 13454.90397369	(\$10,359)	D
LUG ESA 13454.10472634	\$0	D
LUG ESA 13433.93369551	\$2,495	D
LUG ESA 13174.92555763	(\$7,642)	D
LUG ESA 13883.92008787	\$35,075	D
LUG ESA 13230.92180224	\$20,834	D
LUG WSA 13162.92185426	\$100,117	D
LUG WSA 13194.90645535	\$106,497	D
LUG WSA 13079.60077624	\$135,555	D
LUG WSA 13586.91748729	\$239,684	D
LUG WSA 13162.10158432	\$181,895	D
LUG WSA 13864.10310477	\$79,446	D
LUG WSA 13113.92909503	\$298,853	D
LUG WSA 13516.60169592	\$616,296	D
LUG WSA 13192.90932106	\$70,660	D
LUG WSA 13333.91785740	\$49,596	D
LUG WSA 13863.60279838	\$123,868	D

LUG WSA 13109.90643551	\$402,749	D
LUG WSA 13332.91700188	\$92,206	D
LUG WSA 13756.90207831	\$103,159	D
LUG WSA 13672.60106849	\$29,476	D
LUG WSA 13860.10307215	\$91,794	D
LUG WSA 13756.60165355	\$11,766	D
LUG WSA 13672.10493801	\$335,072	D
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LUG WSA 13864.10310497	\$517,767	D
LUG WSA 13586.92442286	\$33,138	D
LUG WSA 13672.91971930	\$134,160	D
LUG WSA 13678.10254063	\$40,620	D
LUG WSA 13141.10147344	\$121,089	D
LUG WSA 13756.10589587	\$85,920	D
LUG WSA 13864.10310505	\$311,273	D
LUG WSA 13860.10307212	\$465,193	D
LUG WSA 13111.60072751	\$83,182	D
LUG WSA 13333.10007588	\$72,061	D
LUG WSA 13491.91827162	\$571,208	D
LUG WSA 13113.90422522	\$69,057	D
LUG WSA 13756.10589595	\$88,458	D
LUG WSA 13586.10255333	\$81,976	D
LUG WSA 13428.90423835	\$529,786	D
LUG WSA 13141.91575422	\$58,571	D
LUG WSA 13678.90514672	\$551,854	D
LUG WSA 13164.10158912	\$0	D
LUG WSA 13544.10053269	\$181,788	D
LUG WSA 13864.60380454	\$380,101	D
LUG WSA 13141.92442350	\$8,617	D
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LUG WSA 13533.91957169	\$435,825	D
LUG WSA 13865.90531031	\$146,609	D
LUG WSA 13535.92983670	\$82,947	D
LUG WSA 13589.93177909	\$107,266	D
LUG WSA 13522.10392924	\$105,538	D
LUG WSA 13737.10297943	\$139,974	D
LUG WSA 14030.90886759	\$1,373,720	D
LUG WSA 13207.90147316	\$96,320	D
LUG WSA 13059.60302601	\$191,709	D
LUG WSA 13738.10298299	\$149,441	D
LUG WSA 13207.90146892	\$85,301	D
LUG WSA 13162.10158434	\$108,402	D
LUG WSA 13079.60077605	\$252,141	D
LUG WSA 13870.90428273	\$146,137	D
LUG WSA 13737.91960399	\$114,613	D
LUG WSA 13674.10277747	\$1,568,116	D
LUG WSA 13078.10127958	\$20,663	D
LUG WSA 13510.10218990	\$706,552	D
LUG WSA 13669.60107076	\$287,919	D

LUG WSA 13873.60311122	\$95,580	D
LUG WSA 13207.90613782	\$346,332	D
LUG WSA 13208.92767537	\$247,248	D
LUG WSA 13737.60311396	\$95,068	D
LUG WSA 13198.92655424	\$63,067	D
LUG WSA 13514.10624934	\$457,748	D
LUG WSA 13483.60393455	\$299,925	D
LUG WSA 13520.10242257	\$293,117	D
LUG WSA 13892.10338448	\$60,691	D
LUG WSA 13612.90312305	\$227,748	D
LUG WSA 13522.91947423	(\$432)	D
LUG WSA 13334.91645657	\$213,871	D
LUG WSA 13490.92815117	\$110,435	D
LUG WSA 13522.10392902	(\$20,512)	D
LUG WSA 14030.60341032	\$171,460	D
LUG WSA 13574.10250638	\$312,247	D
LUG WSA 13220.10191173	\$56,072	D
LUG WSA 13612.60022877	\$107,514	D
LUG WSA 13220.90901917	\$94,039	D
LUG WSA 13535.92983661	\$207,171	D
LUG WSA 13535.91618829	\$158,486	D
LUG WSA 13669.92770538	\$90,645	D
LUG WSA 13079.60104344	\$69,204	D
LUG WSA 13575.90054924	\$58,302	D
LUG WSA 13750.60110680	\$105,608	D
LUG WSA 13198.10051875	\$32,017	D
LUG WSA 13612.92956326	\$181,981	D
LUG WSA 13514.91361858	\$180,222	D
LUG WSA 13522.10392905	\$80,596	D
LUG WSA 14030.92669942	\$98,280	D
LUG WSA 13612.60003135	\$107,679	D
LUG WSA 13522.92169062	\$63,134	D
LUG WSA 13575.90054386	\$538,423	D
LUG WSA 13522.10392882	\$163,714	D
LUG WSA 13198.10051851	\$67,081	D
LUG WSA 14030.92670479	\$192,942	D
LUG WSA 13522.10392874	\$35,304	D
LUG WSA 13162.93124277	\$38,485	D
LUG WSA 13198.10051896	\$56,395	D
LUG WSA 13612.60002970	\$497,411	D
LUG WSA 14030.60125643	\$515,229	D
LUG WSA 13071.92377934	\$72,423	D
LUG WSA 13138.60170460	\$106,665	D
LUG WSA 13535.92952190	\$444,866	D
LUG WSA 13162.90435139	\$96,650	D
LUG WSA 13138.10145618	\$69,952	D
LUG WSA 13737.90740214	\$46,817	D
LUG WSA 13737.90740699	\$467,141	D
LUG WSA 13079.90517178	\$591,496	D
LUG WSA 13078.10127955	\$122,292	D

LUG WSA 14030.92669557	\$104,265	D
LUG WSA 13522.10392864	(\$11,972)	D
LUG WSA 13674.90420693	\$284,834	D
LUG WSA 13612.90291123	\$85,552	D
LUG WSA 13109.60233901	\$6,712	D
LUG WSA 13737.10297934	\$65,693	D
LUG WSA 13589.93162023	\$141,044	D
LUG WSA 13522.60305720	\$234,704	D
LUG PCA 13961.10696431	(\$37)	D
LUG PCA 13785.92299245	\$2,277,677	D
LUG PCA 13961.92834683	\$1,596,695	D
LUG PCA 13462.91412064	(\$10,607)	D
LUG PCA 13961.10696486	\$717,948	D
LUG PCA 13961.91967308	\$364,380	D
LUG PCA 13961.10696417	\$0	D
LUG WHA 13916.60279623	\$81,823	D
LUG WHA 13297.10560430	\$0	D
LUG WHA 13314.92426509	\$0	D
LUG WHA 13118.92612349	\$1,064,347	D
LUG WHA 13313.90084626	\$250,846	D
LUG WHA 13699.10637242	\$561,009	D
LUG WHA 13313.10684614	\$211,704	D
LUG WHA 13296.92376304	\$494,504	D
LUG WHA 13313.60568375	\$0	D
LUG WHA 13297.60269456	\$443,039	D
LUG WHA 13699.10637259	\$74,881	D
LUG WHA 13473.60168916	\$361,886	D
LUG WHA 13296.10562356	\$0	D
LUG WHA 13916.92509975	\$988,395	D
LUG WHA 13297.10560425	\$583,863	D
LUG WHA 13296.60531111	\$645,470	D
LUG WHA 13699.10637247	\$51,782	D
LUG WHA 13473.60168942	\$802,013	D
LUG WHA 13118.92659353	\$0	D
LUG WHA 13118.10535995	(\$104)	D
LUG WHA 13699.10637240	\$80,098	D
LUG WHA 13118.92204382	\$232,624	D
LUG WHA 13118.92659172	\$25,060	D
LUG WHA 13473.92097460	\$338,684	D
LUG WHA 13296.90010289	\$1,747,934	D
LUG WHA 13313.10684581	(\$77)	D
LUG WHA 13118.10535999	\$82,589	D
LUG WHA 13699.60165416	\$217,765	D
LUG WHA 13916.91386005	\$507,457	D
LUG WHA 13314.10567076	\$566,318	D
LUG WHA 13296.10562361	\$523,706	D
LUG WHA 13297.10560432	\$1,697,317	D
LUG WHA 13972.10618037	\$258,064	D
LUG PCA 13724.10671283	\$0	D
LUG PCA 13722.60360851	\$207,525	D

LUG PCA 13268.91633548	\$2,524,800	D
LUG PCA 13724.10671319	\$706,313	D
LUG PCA 13243.10791853	\$0	D
LUG PCA 13724.10671334	\$452,050	D
LUG PCA 13243.91351288	\$1,054,278	D
LUG PCA 13655.90431393	\$579,164	D
LUG PCA 13243.90684154	\$968,522	D
LUG PCA 13268.10705945	\$1,639,809	D
LUG PCA 13724.10671229	\$315,768	D
LUG PCA 13268.92962459	\$834,263	D
LUG PCA 13724.93103251	(\$40,586)	D
LUG PCA 13243.90586047	(\$33,167)	D
LUG PCA 13724.91049435	\$756,737	D
LUG CSA 13205.90929181	\$686,777	D
LUG CSA 13021.10051153	\$105,303	D
LUG CSA 13026.60059524	\$62,392	D
LUG CSA 13835.10429522	\$172,789	D
LUG CSA 13204.91532149	\$154,647	D
LUG CSA 13836.91406642	\$5,348	D
LUG CSA 13590.91231633	\$271,106	D
LUG CSA 13102.91293905	\$808,848	D
LUG CSA 13831.10427677	\$631,221	D
LUG CSA 14040.60233886	\$154,368	D
LUG CSA 13939.60144164	\$15,086	D
LUG CSA 13021.60058683	\$792,903	D
LUG CSA 13104.91643108	\$290,312	D
LUG CSA 13835.60314670	\$31,467	D
LUG CSA 13107.10376186	\$61,819	D
LUG CSA 13592.91365233	\$150,888	D
LUG CSA 13993.10372414	\$266,244	D
LUG CSA 13354.10582069	\$87,928	D
LUG CSA 13468.60128378	\$374,626	D
LUG CSA 13632.60305848	\$103,465	D
LUG CSA 13176.10375148	\$608,907	D
LUG CSA 13099.60125388	\$170,947	D
LUG CSA 14102.91582612	\$516,941	D
LUG CSA 13468.60128362	\$536,227	D
LUG CSA 13399.60037987	\$17,282	D
LUG CSA 13418.92018190	\$81,694	D
LUG CSA 13105.10580690	\$79,690	D
LUG CSA 13205.90022802	\$528,241	D
LUG CSA 13418.91924595	\$70,050	D
LUG CSA 13105.60164901	\$331,626	D
LUG CSA 13934.10467597	\$718,310	D
LUG CSA 13205.90442230	\$169,563	D
LUG CSA 14040.10786358	\$404,410	D
LUG CSA 13105.10580689	\$321,428	D
LUG CSA 13107.10376201	\$217,600	D
LUG CSA 13105.10580676	\$59,154	D
LUG CSA 13993.10433144	\$115,255	D

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LUG CSA 13939.60144172	\$146,062	D
LUG CSA 13158.91461782	\$509,180	D
LUG CSA 13633.91847345	\$71,728	D
LUG CSA 13934.10467575	\$82,092	D
LUG CSA 13188.92070695	\$110,925	D
LUG CSA 13948.10442391	\$345,992	D
LUG CSA 13158.92347931	\$175,796	D
LUG DCA 13006.92949400	\$453,226	D
LUG DCA 13432.10761257	\$124,894	D
LUG CSA 13826.60127680	\$68,153	D
LUG CSA 13632.10408290	\$103,881	D
LUG CSA 13204.60170504	\$39,049	D
LUG CSA 13176.10375141	\$210,642	D
LUG CSA 13948.10442379	\$242,892	D
LUG CSA 13835.10429505	\$498,863	D
LUG CSA 13026.60059509	\$91,739	D
LUG CSA 13021.92350282	\$120,458	D
LUG CSA 13468.91640192	\$157,968	D
LUG CSA 13106.91722510	\$482,380	D
LUG CSA 13026.60059452	\$195,274	D
LUG CSA 13632.10408272	\$49,529	D
LUG CSA 13026.60059457	\$337,570	D
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LUG CSA 13104.91668251	\$383,656	D
LUG CSA 13104.91241032	\$328,860	D
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LUG ESA 13509.60346595	\$751,995	D
LUG ESA 13502.10497396	\$33,234	D
LUG ESA 13796.92356181	\$152,568	D
LUG ESA 13509.92890860	\$12,467	D
LUG ESA 13230.92496254	\$32,359	D
LUG ESA 13509.10501141	\$32,436	D
LUG ESA 13454.91522987	\$116,894	D
LUG ESA 13509.10501110	\$54,655	D
LUG ESA 13797.93185703	\$20,306	D
LUG ESA 14116.91073265	(\$367)	D
LUG SHA 13900.10717269	\$10,479	D
LUG SHA 13652.92748361	\$32,153	D
LUG SHA 13001.93346473	\$14,849	D
LUG SHA 14022.90591555	\$32,010	D
LUG SHA 13001.60179144	\$91,264	D
LUG SHA 13645.91519309	\$37,143	D
LUG SHA 13780.10723993	\$111,272	D
LUG SHA 13001.92048269	\$16,829	D
LUG SHA 13001.60179191	\$36,247	D
LUG SHA 13001.10663240	\$39,176	D
LUG SHA 13900.92336596	\$16,523	D
LUG SHA 13645.92207754	\$9,564	D
LUG SHA 13900.91863298	\$20,278	D
LUG SHA 13001.10663269	\$19,564	D

LUG SHA 13001.10663262	\$21,429	D
LUG ESA 13127.90334707	\$11,856	D
LUG ESA 13878.10105723	\$19,793	D
LUG ESA 13911.92679866	\$11,346	D
LUG ESA 13229.92525393	\$38,221	D
LUG ESA 13909.92173076	\$26,202	D
LUG ESA 14355.60258173	\$27,642	D
LUG ESA 13457.10482593	\$1,056	D
LUG ESA 13127.90334731	\$25,631	D
LUG ESA 13906.10096968	\$53,510	D
LUG ESA 13909.90380435	\$56,755	D
LUG ESA 13906.92282884	\$13,939	D
LUG ESA 13911.60157737	\$41,976	D
LUG ESA 13710.92354144	\$69,431	D
LUG ESA 13793.92685255	\$36,587	D
LUG ESA 13906.10096960	\$43,999	D
LUG ESA 13793.92686002	\$56,541	D
LUG ESA 13686.93697046	\$22,310	D
LUG ESA 13906.10096964	\$22,453	D
LUG ESA 13911.90130568	\$65,030	D
LUG ESA 13906.90137810	\$26,359	D
LUG ESA 13793.92686712	\$17,549	D
LUG ESA 13127.92663180	\$37,465	D
LUG ESA 13457.90176591	\$35,348	D
LUG ESA 14355.92354352	\$12,251	D
LUG ESA 13793.92686736	\$8,088	D
LUG ESA 13911.10554595	\$17,933	D
LUG ESA 13911.91995336	\$41,806	D
LUG ESA 13127.92661768	\$37,215	D
LUG ESA 13878.10105726	\$15,836	D
LUG ESA 13454.90188551	\$7,273	D
LUG ESA 13878.10105717	\$13,089	D
LUG ESA 13231.10868121	\$32,788	D
LUG ESA 13911.60157736	\$34,398	D
LUG ESA 13171.10455381	\$36,100	D
LUG ESA 13878.10105728	\$12,527	D
LUG SHA 14024.10747874	\$60,131	D
LUG SHA 13342.91010293	\$34,001	D
LUG SHA 14020.60223573	\$48,496	D
LUG SHA 13342.10925094	\$18,145	D
LUG SHA 14024.90116190	\$22,185	D
LUG SHA 13817.10722417	\$17,143	D
LUG SHA 13003.10895211	\$17,045	D
LUG SHA 13342.90527363	\$27,701	D
LUG CSA 13104.10362869	\$61,361	D
LUG CSA 13158.90816343	\$836,569	D
LUG CSA 13158.60011810	\$497,327	D
LUG CSA 13633.90564142	\$127,511	D
LUG CSA 13106.10361901	\$107,256	D
LUG CSA 13102.90748252	\$101,662	D

LUG CSA 13176.10375136	\$1,077,887	D
SPP LUG General Costs	\$48,475	D
LUG PCA 13655.92356441	\$161,249	D
LUG PCA 13655.92357753	\$105,115	D
LUG PCA 13655.92356416	\$221,883	D
LUG WHA 13296.94308782	\$745,735	D
LUG PCA 13268.10705889	\$385,103	D
LUG PCA 13268.10705883	\$1,261,276	D
LUG PCA 13268.90378808	\$860,352	D
LUG PCA 13785.60326099	\$261,395	D
LUG PCA 13785.60427328	\$77	D
LUG PCA 13785.60422027	\$271,133	D
LUG PCA 13785.90848304	\$199,585	D
LUG CSA 13205.94398705	\$106,248	D
LUG CSA 13205.94398719	\$66,928	D
LUG CSA 13205.94398670	\$52,725	D
LUG CSA 13592.60128815	\$85,866	D
LUG CSA 13948.93885043	\$52,769	D
LUG DCA 13815.93961736	\$78,699	D
LUG WSA 13612.94150886	\$68,616	D
LUG WSA 13079.10128507	\$32,908	D
LUG WSA 13079.60087041	\$19,885	D
LUG WSA 13198.94019819	\$15,014	D
LUG WSA 13071.94257594	\$35,930	D
LUG WSA 13138.94080005	\$52,716	D
LUG WSA 13138.10145624	\$24,113	D
LUG WSA 13332.93883913	\$50,513	D
LUG WSA 13678.93831296	\$215,469	D
LUG WSA 13162.94434120	\$38,243	D
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LUG WSA 13198.93974430	\$39,018	D
LUG WSA 13514.94181750	\$39,374	D
LUG CSA 13034.10142238	\$51,244	D
LUG CSA 13034.93113905	\$122,559	D
LUG DCA 13329.90823812	\$114,697	D
LUG DCA 13328.90830976	\$71,475	D
LUG DCA 13330.92197131	\$87,151	D
LUG DCA 13329.92835651	\$113,726	D
LUG CSA 13175.60060554	\$78,495	D
LUG CSA 13175.93247243	\$96,618	D
LUG CSA 13175.93249426	\$58,183	D
LUG CSA 13043.10093646	\$152,530	D
LUG CSA 13043.10093658	\$68,582	D
LUG CSA 13045.10165356	\$118,672	D
LUG CSA 13045.10165381	\$50,920	D
LUG CSA 13045.10165382	\$114,203	D
LUG CSA 13044.91565159	\$53,638	D
LUG CSA 13042.93264130	\$137,524	D
LUG CSA 13042.93266650	\$119,505	D
LUG CSA 13042.93267158	\$82,616	D

LUG CSA 13224.92856634	\$42,800	D
LUG CSA 13224.92922162	\$39,797	D
LUG CSA 13835.10429550	\$64,234	D
LUG CSA 13838.93033231	\$42,790	D
LUG DCA 13004.92543665	\$86,837	D
LUG CSA 13053.10120786	\$58,730	D
LUG CSA 13053.10120788	\$111,781	D
LUG CSA 13048.10100716	\$70,691	D
LUG CSA 13048.10100722	\$65,183	D
LUG CSA 13046.10101247	\$76,772	D
LUG CSA 13047.60011392	\$89,594	D
LUG CSA 13049.60016282	\$42,852	D
LUG CSA 13049.60016353	\$49,762	D
LUG CSA 13046.91016874	\$58,699	D
LUG CSA 13048.91076397	\$165,817	D
LUG CSA 13048.91154995	\$122,438	D
LUG CSA 13828.10424221	\$115,556	D
LUG CSA 13829.10425054	\$63,512	D
LUG CSA 13831.10427678	\$58,966	D
LUG CSA 13832.91532289	\$88,699	D
LUG CSA 13826.92905104	\$77,484	D
LUG CSA 14012.91702481	\$62,380	D
LUG CSA 14042.90668793	\$54,872	D
LUG CSA 13419.10055000	\$93,865	D
LUG CSA 13420.10055941	\$72,009	D
LUG CSA 13419.90399851	\$177,035	D
LUG CSA 13420.92027991	\$84,217	D
LUG CSA 13417.92035203	\$48,096	D
LUG CSA 13106.10361894	\$20,812	D
LUG CSA 13106.91643964	\$36,466	D
LUG CSA 13630.90179103	\$77,526	D
LUG CSA 13631.91774500	\$62,317	D
LUG CSA 13091.10163224	\$25,055	D
LUG CSA 13094.60013778	\$39,339	D
LUG CSA 13088.60029011	\$64,462	D
LUG CSA 13093.60029776	\$11,098	D
LUG CSA 13091.60029925	\$58,793	D
LUG CSA 13093.60031511	\$35,067	D
LUG CSA 13091.60302651	\$26,292	D
LUG DCA 13431.90165527	\$53,719	D
LUG CSA 13592.91550764	\$52,897	D
LUG CSA 13096.10363933	\$86,190	D
LUG CSA 13097.60350024	\$106,970	D
LUG CSA 13097.91147533	\$78,689	D
LUG CSA 13029.60017429	\$67,424	D
LUG CSA 13351.10384706	\$104,903	D
LUG CSA 13351.10384723	\$31,890	D
LUG CSA 13350.60047463	\$43,884	D
LUG CSA 13351.93283244	\$60,068	D
LUG CSA 13351.93283740	\$50,497	D

LUG CSA 13365.10389247	\$31,561	D
LUG CSA 13364.91151734	\$35,589	D
LUG CSA 13103.90748138	\$59,026	D
LUG CSA 13103.91232937	\$137,290	D
LUG WSA 13210.93118819	\$13,416	D
LUG PCA 13668.60061785	\$25,567	D
LUG PCA 13656.10075336	\$55,271	D
LUG PCA 13723.60422059	\$21,674	D
LUG PCA 13390.92622569	\$19,094	D
LUG PCA 13390.92597622	\$104,464	D
LUG PCA 13007.60028650	\$169,871	D
LUG PCA 13962.60365361	\$23,585	D
LUG PCA 13464.91337725	\$111,035	D
LUG PCA 13656.90848130	\$36,683	D
LUG PCA 13008.60015117	\$21,010	D
LUG PCA 13241.92937437	\$24,642	D
LUG PCA 13724.10640103	\$25,813	D
LUG PCA 13656.92320131	\$56,013	D
LUG PCA 13805.91404359	\$53,960	D
LUG PCA 13389.90377733	\$4,196	D
LUG PCA 13462.91382618	\$69,270	D
LUG PCA 13390.92609981	\$34,625	D
LUG PCA 13243.10791889	\$48,559	D
LUG PCA 13959.10716315	\$37,619	D
LUG PCA 13147.92901825	\$108,715	D
LUG PCA 13414.10674240	\$29,160	D
LUG PCA 13148.90852788	\$59,397	D
LUG PCA 13008.60015427	\$58,754	D
LUG PCA 13464.91334566	\$92,933	D
LUG PCA 13805.10916743	\$15,210	D
LUG PCA 13390.92605381	\$24,702	D
LUG PCA 13146.91161524	\$39,642	D
LUG PCA 13390.92610250	\$20,212	D
LUG PCA 13463.10692803	\$236,387	D
LUG PCA 13147.92897362	\$41,734	D
LUG PCA 13390.92620889	\$34,361	D
LUG PCA 13808.10686006	\$54,668	D
LUG PCA 13853.60463714	\$38,091	D
LUG PCA 13388.60181011	\$48,906	D
LUG PCA 13463.10692795	\$115,701	D
LUG PCA 13390.92599120	\$26,503	D
LUG PCA 14000.10710623	\$29,195	D
LUG PCA 13805.92678765	\$9,519	D
LUG PCA 13243.10791877	\$21,825	D
LUG PCA 13808.93294943	\$11,269	D
LUG PCA 13010.92602262	\$49,839	D
LUG PCA 13724.10671179	\$24,068	D
LUG PCA 13723.93324791	\$21,143	D
LUG PCA 13787.91096289	\$28,803	D
LUG PCA 13124.91234338	\$45,139	D

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LUG PCA 13147.90393849	\$100,368	D
LUG PCA 13241.10633695	\$21,457	D
LUG PCA 13787.92354169	\$22,196	D
LUG PCA 14001.60337684	\$56,666	D
LUG PCA 13414.10674224	\$18,170	D
LUG PCA 13961.10696420	\$52,329	D
LUG PCA 13011.10625698	\$131,599	D
LUG PCA 13464.10674784	\$219,065	D
LUG PCA 13390.92612860	\$106,702	D
LUG PCA 13959.10716318	\$20,457	D
LUG PCA 13961.10696464	\$33,552	D
LUG PCA 13959.10716303	\$122,706	D
LUG PCA 13961.60200737	\$54,864	D
LUG PCA 13146.92497118	\$96,580	D
LUG PCA 13656.93218070	\$18,324	D
LUG ESA 13326.10477228	\$204,175	D
LUG ESA 13326.94364041	\$136,813	D
LUG ESA 13326.94363981	\$110,977	D
LUG ESA 13227.92257437	\$334,647	D
LUG SHA 13303.93355196	\$239,876	D
LUG ESA 13324.93118733	\$290,863	D
LUG ESA 13324.93501052	\$97,437	D
LUG ESA 13324.93501061	\$92,792	D
LUG ESA 14356.93292955	\$257,862	D
LUG ESA 13910.10545847	\$155,435	D
LUG ESA 13910.94218580	\$97,197	D
LUG ESA 13910.94218134	\$123,791	D
LUG SHA 13896.10933157	\$82,639	D
LUG SHA 13896.10933156	\$124,586	D
LUG ESA 13039.93090160	\$60,169	D
LUG ESA 13039.92496615	\$98,868	D
LUG ESA 13213.93172625	\$44,049	D
LUG ESA 13213.93276507	\$102,930	D
LUG ESA 13213.93276297	\$97,749	D
LUG SHA 13899.60005954	\$451,798	D
LUG SHA 13899.60005952	\$117,839	D
LUG ESA 13460.92859507	\$219,436	D
LUG ESA 13460.92863550	\$46,618	D
LUG SHA 13020.92570284	\$156,605	D
LUG SHA 13651.10823013	\$138,015	D
LUG ESA 14117.10475330	\$80,107	D
LUG ESA 13795.90398961	\$65,841	D
LUG ESA 13795.10640160	\$72,312	D
LUG ESA 13434.91782844	\$114,816	D
LUG ESA 13434.10465302	\$18,030	D
LUG ESA 13229.10457713	\$144,054	D
LUG ESA 13229.11273871	\$124,955	D
LUG WSA 13190.90098676	\$190,344	D
LUG WSA 13190.93257667	\$83,851	D
LUG WSA 13754.90097474	\$75,069	D

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LUG WSA 13754.90915815	\$27,230	D
LUG WSA 13754.91040852	\$27,785	D
LUG WSA 13754.90423524	\$5,449	D
LUG WSA 13359.90522517	\$64,554	D
LUG WSA 13359.92321581	\$24,137	D
LUG WSA 13638.91177941	\$63,796	D
LUG WSA 13206.90482454	\$360,084	D
LUG WSA 13218.60124027	\$67,635	D
LUG WSA 13199.10050730	\$38,935	D
LUG WSA 13191.10173522	\$31,288	D
LUG WSA 13143.60034479	\$54,052	D
LUG WSA 13143.60034477	\$24,298	D
LUG WSA 13510.60088567	\$287,522	D
LUG WSA 13063.10124545	\$227,443	D
LUG WSA 13532.93432382	\$180,476	D
LUG WSA 13624.10274748	\$65,189	D
LUG WSA 13624.10274749	\$284,254	D
LUG WSA 13191.60474882	\$40,234	D
LUG WSA 13611.10092875	\$67,775	D
LUG WSA 13754.90847913	\$42,143	D
LUG WSA 13082.60073788	\$93,280	D
LUG WSA 13219.92005809	\$170,126	D
LUG WSA 13065.10126980	\$28,507	D
LUG WSA 13165.91910924	\$40,574	D
LUG WSA 13533.91060899	\$70,174	D
LUG WSA 13163.91066431	\$49,071	D
LUG WSA 13072.10165789	\$42,583	D
LUG WSA 13139.60088186	\$196,001	D
LUG WSA 13191.10173500	\$221,988	D
LUG WSA 13219.92527637	\$172,278	D
LUG WSA 13191.10173494	\$233,046	D
LUG WSA 13067.90157556	\$58,652	D
LUG WSA 13217.92097014	\$82,197	D
LUG WSA 13217.10247858	\$31,432	D
LUG WSA 13141.10147338	\$27,035	D
LUG WSA 13199.90526768	\$31,536	D
LUG WSA 13206.10167762	\$135,570	D
LUG WSA 13163.60033388	\$10,683	D
LUG WSA 13112.92890357	\$59,790	D
LUG WSA 13740.60614298	\$63,505	D
LUG WSA 13065.91354294	\$74,931	D
LUG WSA 13082.60073803	\$86,653	D
LUG WSA 13621.91418404	\$152,491	D
LUG WSA 13141.91623641	\$45,915	D
LUG WSA 13072.10165797	\$33,105	D
LUG WSA 13622.60048809	\$191,539	D
LUG WSA 13756.10589590	\$56,181	D
LUG WSA 13865.60305740	\$32,626	D
LUG WSA 13754.10297442	\$41,154	D
LUG WSA 13065.92238609	\$75,422	D

LUG WSA 13112.92874488	\$142,839	D
LUG WSA 13219.60518342	\$36,624	D
LUG WSA 13754.90630567	\$42,344	D
LUG WSA 13405.60048514	\$9,928	D
LUG WSA 13638.92079502	\$30,102	D
LUG WSA 13163.60033370	\$36,922	D
LUG WSA 13740.90487798	\$51,882	D
LUG WSA 13016.92132257	\$31,814	D
LUG WSA 13072.10165803	\$72,237	D
LUG WSA 13167.92398222	\$13,944	D
LUG WSA 13754.10297440	\$52,499	D
LUG WSA 13610.60058616	\$91,691	D
LUG WSA 13201.91868130	\$81,755	D
LUG WSA 13154.10153131	\$37,643	D
LUG WSA 13219.90098743	\$35,751	D
LUG WSA 13210.90098744	\$187,598	D
LUG WSA 13068.10688316	\$26,736	D
LUG WSA 13068.60010034	\$45,725	D
LUG WSA 13143.10928275	\$9,107	D
LUG WSA 13522.10392877	\$26,587	D
LUG WSA 13164.10158932	\$155,894	D
LUG WSA 13137.60241204	\$8,985	D
LUG WSA 13081.90416605	\$35,017	D
LUG WSA 13140.92408051	\$242,234	D
LUG WSA 13737.10007252	\$181,005	D
LUG WSA 13210.92775767	\$66,093	D
LUG WSA 13510.10218987	\$28,937	D
LUG WSA 13208.90152415	\$46,068	D
LUG WSA 13162.90211134	\$29,970	D
LUG WSA 13081.60008652	\$21,355	D
LUG WSA 13198.10051863	\$86,978	D
LUG WSA 13198.92655421	\$81,982	D
LUG WSA 13612.90441325	\$4,920	D
LUG WSA 13167.10160212	\$31,948	D
LUG WSA 13612.93082436	\$199,452	D
LUG WSA 13359.60087052	\$39,715	D
LUG WSA 13060.92907479	\$84,909	D
LUG WSA 13510.92448697	\$51,989	D
LUG WSA 13533.10247860	\$40,438	D
LUG WSA 13738.90267141	\$46,912	D
LUG WSA 13194.90645500	\$77,705	D
LUG WSA 13194.10286125	\$68,093	D
LUG WSA 13078.10127937	\$98,090	D
LUG WSA 13078.90444684	\$91,304	D
SPP Warehouse Equipment	\$198,899	D
SPP Warehouse Vehicle	\$0	D
SPP Tracking Tool	\$280,060	D
SPP TracPro Ph 2	\$523,017	D

2. Transmission Asset Upgrades Program

SPP TAU - Circuit 66654	\$0	T
SPP TAU - Circuit 66840	\$40	T
SPP TAU - Circuit 66007	(\$8,808)	T
SPP TAU - Circuit 66019	\$4,484	T
SPP TAU - Circuit 66425	\$0	T
SPP TAU - Circuit 230403	\$0	T
SPP TAU - Circuit 66413	\$121	T
SPP TAU - Circuit 66046	\$8,471	T
SPP TAU - Circuit 66059	\$0	T
SPP TAU - Circuit 230008	\$0	T
SPP TAU - Circuit 230038	\$0	T
SPP TAU - Circuit 230003	\$0	T
SPP TAU - Circuit 230005	\$4,733	T
SPP TAU - Circuit 230004	\$1,252	T
SPP TAU - Circuit 230625	\$905	T
SPP TAU - Circuit 230021	\$0	T
SPP TAU - Circuit 230052	\$0	T
SPP TAU - Circuit 66024	\$1,044	T
SPP TAU - Circuit 230608	\$556	T
SPP TAU - Circuit 230603	(\$72)	T
SPP TAU - Circuit 66407	(\$51,858)	T
SPP TAU - Circuit 66033	\$60,604	T
SPP TAU - Circuit 66016	(\$128,719)	T
SPP TAU - Circuit 66415	\$123,571	T
SPP TAU - Circuit 66427	(\$129,733)	T
SPP TAU - Circuit 66834	(\$31,459)	T
SPP TAU - Circuit 66022	(\$74,203)	T
SPP TAU - Circuit 66060	\$10,660	T
SPP TAU - Circuit 66048	\$91,893	T
SPP TAU - Circuit 66031	\$208	T
SPP TAU - Circuit 66036	(\$42,564)	T
SPP TAU - Circuit 230402	\$356,633	T
SPP TAU - Circuit 230412	\$98,366	T
SPP TAU - Circuit 230602	\$18,439	T
SPP TAU - Circuit 230012	\$161,421	T
SPP TAU - Circuit 230606	(\$83,525)	T
SPP TAU - Circuit 230033	\$385,131	T
SPP TAU - Circuit 230609	(\$51,522)	T
SPP TAU - Circuit 230013	\$527,634	T
SPP TAU - Circuit 66030	\$1,517,273	T
SPP TAU - Circuit 66025	\$677,630	T
SPP TAU - Circuit 66020	\$369,930	T
SPP TAU - Circuit 66027	\$306,228	T
SPP TAU - Circuit 66008	\$0	T
SPP TAU - Circuit 66001	\$1,412,456	T
SPP TAU - Circuit 66045	\$1,507,783	T
SPP TAU - Circuit 66026	\$2,219,772	T
SPP TAU - Circuit 230006	\$1,992,543	T
SPP TAU - Circuit 66021	\$750,935	T

SPP TAU - Circuit 66028	\$1,664,433	T
SPP TAU - Circuit 66032	\$498,585	T
SPP TAU - Circuit 66017	\$1,355,434	T
SPP TAU - Circuit 66011	\$649,291	T
SPP TAU - Circuit 66047	\$449	T
SPP TAU - Circuit 66436	\$28,429	T
SPP TAU - Circuit 66098	\$4,770	T
SPP TAU - Circuit 230020	\$2,106,704	T
SPP TAU - Circuit 230623	\$40,981	T
SPP TAU - Circuit 230604	\$449,077	T
SPP TAU - Circuit 66035	\$33,159	T
SPP TAU - Circuit 66042	\$3,206	T
SPP TAU - Circuit 66652	\$42,885	T
SPP TAU - Circuit 66034	\$17,566	T
SPP TAU - Circuit 66838	\$676	T
SPP TAU - Circuit 66040	\$22,312	T
SPP TAU - Circuit 66656	\$12,169	T
SPP TAU - Circuit 66412	\$6,014	T
SPP TAU - Circuit 66830	\$156	T
SPP TAU - Circuit 66650	\$284	T
SPP TAU - Circuit 66657	\$383	T
SPP TAU - Circuit 66043	\$199	T
SPP TAU - Circuit 66837	\$156	T

3. Substation Extreme Weather Program
 none

4. Distribution Overhead Feeder Hardening Program

SPP FH - E Winterhaven 13308	\$48,950	D
SPP FH - Knights 13807	\$400	D
SPP FH - Knights 13805	\$15,476	D
SPP FH - Casey Road 13745	(\$4,358)	D
SPP FH - Coolidge 13533	\$170	D
SPP FH - Lake Region 13443	\$222,507	D
SPP FH - Pine Lake N 13633	(\$17,378)	D
SPP FH - Ehrlich 13890	\$61,128	D
SPP FH - Lake Magdalene 13939	\$1,337	D
SPP FH - Clarkwild 13461	\$32,720	D
SPP FH - Fishhawk 14121	(\$3,859)	D
SPP FH - Brandon 13227	\$4,864	D
SPP FH - Alexander Road 13462	\$113,750	D
SPP FH - Yukon 13101	\$50,444	D
SPP FH - McFarland 13104	\$125,180	D
SPP FH - Manhattan 13111	\$12,373	D
SPP FH - East Winter Haven 13309	\$234,179	D
SPP FH - East Winter Haven 13313	\$300,322	D
SPP FH - East Winter Haven 13314	\$506,199	D
SPP FH - Waters Avenue 13339	\$135,779	D
SPP FH - Twelfth Avenue 13433	\$353,041	D
SPP FH - Orient Park 13964	\$303,901	D

SPP FH - Knights 13808	\$61,241	D
SPP FH - Hopewell 13148	\$2,039,225	D
SPP FH - 14th St 13048	\$2,001,441	D
SPP FH - Plymouth St 13094	\$741,812	D
SPP FH - Lake Juliana 13770	\$4,170,368	D
SPP FH - Lake Alfred 13118	\$4,316,327	D
SPP FH - Jan Phyl 13296	\$2,305,621	D
SPP FH - Trout Creek 13989	\$2,042,562	D
SPP FH - Coronet 13984	\$630,023	D
SPP FH - Fishhawk 14123	\$1,049,873	D
SPP FH - Pebble Creek 14094	\$180,454	D
SPP FH - Rhodine 13651	\$1,093,943	D
SPP FH - East Bay 13346	\$1,329,548	D
SPP FH - E. Winterhaven 13312	\$967,683	D
SPP FH - Lake Silver 13292	\$95,259	D

5. Transmission Access Enhancement Program

SPP TXE - 230008 - road	\$294,811	T
SPP TXE - 230623 - road	\$7,355	T
SPP TXE - P - Bridge	\$0	T
SPP TXE - Hampton Sub - Bridge	\$543,840	T
SPP TXE - 230033 - road	\$0	T
SPP TXE - Morris Bridge - Bridge	\$7,843	T
SPP TXE - 66007 - road	\$251,725	T
SPP TXE - 230037 - road	\$232	T
SPP TXE - 66839 - road	\$31,858	T
SPP TXE - 230606 - road	\$43,182	T
SPP TXE - Columbus Dr #2 - Bridge	\$117,447	T
SPP TXE - W. of Forbes Rd - Bridge	\$24,581	T
SPP TXE - Columbus Dr #1 - Bridge	\$72,624	T
SPP TXE - Tampa Palms #1 - Bridge	\$95,549	T
SPP TXE - E.Sydney Washer Rd-Bridge	\$24,319	T
SPP TXE - Tampa Palms #3 - Bridge	\$99,975	T
SPP TXE - Proposed M - Bridge	\$53	T
SPP TXE - 230020 - 4 road locations	\$79,092	T
SPP TXE - Tampa Palms #2 - Bridge	\$102,965	T
SPP TXE - Blount Rd - Bridge	\$340	T
SPP TXE - 66016 - road	\$23,923	T
SPP TXE - Tampa Palms #4 - Bridge	\$122,235	T
SPP TXE - 66035 - 2 road locations	\$33,679	T
SPP TXE - 230612 - road	\$340	T
SPP TXE - 230007 - road	\$188,547	T
SPP TXE - 66033 - road	\$14,760	T
SPP TXE - 66046 - road	\$15,887	T
SPP TXE - 66001 - 3 road locations	\$11,929	T
SPP TXE - 230010 - road	\$8,472	T

Tampa Electric Company
 Storm Protection Plan Cost Recovery Clause
 Final True-Up
 Prior Period: January through June 2022

Approved Capital Structure and Cost Rates
 (in Dollars)

	(1) Jurisdictional Rate Base 2022 December SR w/ Normalization (\$000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	\$ 2,563,879	33.66%	4.36%	1.4675%
Short Term Debt	\$ 357,329	4.69%	2.30%	0.1079%
Preferred Stock	\$ 0	0.00%	0.00%	0.0000%
Customer Deposits	\$ 90,226	1.18%	2.38%	0.0282%
Common Equity	\$ 3,470,995	45.57%	9.95%	4.5338%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	\$ 901,135	11.83%	0.00%	0.0000%
Deferred ITC - Weighted Cost	\$ 233,895	<u>3.07%</u>	7.39%	<u>0.2269%</u>
Total	\$ 7,617,460	100.00%		6.36%

ITC split between Debt and Equity:

Long Term Debt	\$ 2,563,879	Long Term Debt	46.00%
Equity - Preferred	\$ 0	Equity - Preferred	0.00%
Equity - Common	\$ 3,470,995	Equity - Common	<u>54.00%</u>
Total	\$ 6,034,874	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = 0.2269% * 46.00%	0.1044%
Equity = 0.2269% * 54.00%	<u>0.1225%</u>
Weighted Cost	<u>0.2269%</u>

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.5338%
Deferred ITC - Weighted Cost	<u>0.1225%</u>
	4.6563%
Times Tax Multiplier	1.34315
Total Equity Component	<u>6.2541%</u>

Total Debt Cost Rate:

Long Term Debt	1.4675%
Short Term Debt	0.1079%
Customer Deposits	0.0282%
Deferred ITC - Weighted Cost	<u>0.1044%</u>
Total Debt Component	<u>1.7080%</u>
	<u>7.9621%</u>

Notes:

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
 Column (2) - Column (1) / Total Column (1)
 Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
 Column (4) - Column (2) x Column (3)

Tampa Electric Company
 Storm Protection Plan Cost Recovery Clause
 Final True-Up
 Prior Period: June through December 2022

Form A-8
 Page 2 of 2

Approved Capital Structure and Cost Rates
 (in Dollars)

	(1) Jurisdictional Rate Base 2022 December SR w/ Normalization (\$000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	\$ 2,563,879	33.66%	4.36%	1.4675%
Short Term Debt	\$ 357,329	4.69%	2.30%	0.1079%
Preferred Stock	\$ 0	0.00%	0.00%	0.0000%
Customer Deposits	\$ 90,226	1.18%	2.38%	0.0282%
Common Equity	\$ 3,470,995	45.57%	10.20%	4.6478%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	\$ 901,135	11.83%	0.00%	0.0000%
Deferred ITC - Weighted Cost	\$ 233,895	<u>3.07%</u>	7.39%	<u>0.2269%</u>
Total	\$ 7,617,460	100.00%		6.48%

ITC split between Debt and Equity:

Long Term Debt	\$ 2,563,879	Long Term Debt	46.00%
Equity - Preferred	\$ 0	Equity - Preferred	0.00%
Equity - Common	\$ 3,470,995	Equity - Common	<u>54.00%</u>
Total	\$ 6,034,874	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = 0.2269% * 46.00%	0.1044%
Equity = 0.2269% * 54.00%	<u>0.1225%</u>
Weighted Cost	<u>0.2269%</u>

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.6478%
Deferred ITC - Weighted Cost	<u>0.1225%</u>
	4.7703%
Times Tax Multiplier	1.34315
Total Equity Component	<u>6.4072%</u>

Total Debt Cost Rate:

Long Term Debt	1.4675%
Short Term Debt	0.1079%
Customer Deposits	0.0282%
Deferred ITC - Weighted Cost	<u>0.1044%</u>
Total Debt Component	<u>1.7080%</u>
	<u>8.1152%</u>

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, 2022 to December 31, 2022

During this period, there were:

229 projects initiated for design
141 projects initiated for design completed
117 projects initiated for construction
120 projects constructed
50.3 miles undergrounded

Program Expenditures:

January 1, 2022 to December 31, 2022

During this period, expenditures were \$127.4 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, 2022 to December 31, 2022

Distribution VM:	1,464.3 miles
Transmission VM:	513.9 miles
Initiative 1:	682.6 miles
Initiative 2:	389.0 miles
Initiative 3:	18.0 miles

Program Expenditures:

January 1, 2022 to December 31, 2022

During this period, expenditures were:

Distribution VM:	\$12.6 million
Transmission VM:	\$2.7 million
Initiative 1:	\$5.9 million
Initiative 2:	\$1.3 million
Initiative 3:	\$0.7 million

PROGRAM DESCRIPTION AND PROGRESS

Program Title: TRANSMISSION ASSET UPGRADES

Program Description: This program will proactively and systematically replace the remaining wood transmission poles with non-wood material.

Program Accomplishments:

January 1, 2022 to December 31, 2022

During this period, there were 526 transmission poles/structures hardened.

Program Expenditures:

January 1, 2022 to December 31, 2022

During this period, expenditures were \$20.9 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, 2022 to December 31, 2022

During this period, there were zero (0) projects initiated.

Program Expenditures:

January 1, 2022 to December 31, 2022

During this period, expenditures were \$0 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, 2022 to December 31, 2022

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

Pole Replacements/Upgrades:	963
Three-phase Reclosers:	38
Single-phase Reclosers:	170
Fuse Coordination/Replacements:	483

Program Expenditures:

January 1, 2022 to December 31, 2022

During this period, expenditures were \$26.0 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, 2022 to December 31, 2022

During this period, there were:

4 access road projects engineered
3 access road projects completed
2 access bridge projects engineered
1 access bridge projects completed

Program Expenditures:

January 1, 2022 to December 31, 2022

During this period, expenditures were \$2.2 million.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: INFRASTRUCTURE INSPECTIONS

Program Description: This program covers the following infrastructure inspections performed on the company's transmission and distribution system:

- Distribution wood pole
- Distribution groundline
- Transmission wood pole/groundline
- Transmission above ground
- Transmission aerial infrared
- Transmission ground patrol
- Substation
- Joint Use Pole Attachments Audit

Program Accomplishments:

January 1, 2022 to December 31, 2022

During this period, there were:

Distribution wood pole:	35,779 inspections
Transmission wood pole/groundline:	398 inspections
Transmission above ground:	3,386 inspections
Transmission aerial infrared:	Completed
Transmission ground patrol:	Completed
Substation:	Completed

Program Expenditures:

January 1, 2022 to December 31, 2022

During this period, expenditures were:

Distribution Infrastructure Inspections:	\$1.2 million
Transmission Infrastructure Inspections:	\$0.6 million

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMON EXPENSES

Program Description: These are expenses common to all programs.

Program Accomplishments:

N/A

Program Expenditures:

January 1, 2022 to December 31, 2022

During this period, expenditures were \$0.9 million.



BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20230010-EI

IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE
TESTIMONY AND EXHIBIT
OF
C. DAVID SWEAT

FILED: April 3, 2023

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **PREPARED DIRECT TESTIMONY**

3 **OF**

4 **C. DAVID SWEAT**

5
6 **Q.** Please state your name, address, occupation and employer.

7
8 **A.** My name is Cecil David Sweat. I am employed by Tampa
9 Electric Company ("Tampa Electric" or "company") as
10 Director Storm Protection Programs and Support Services.
11 My business address is 820 South 78th Street, Tampa, FL
12 33619.

13
14 **Q.** Please describe your duties and responsibilities in that
15 position.

16
17 **A.** My duties and responsibilities include the governance and
18 oversight of Tampa Electric's Storm Protection Plan
19 ("SPP" or "the Plan") development, implementation, and
20 execution. This includes leading the development of the
21 Plan, prioritization of projects within each of the
22 programs, development of project and program costs and
23 overall implementation and execution of the Plan.

24
25 **Q.** Please provide a brief outline of your educational

1 background and professional experience.

2

3 **A.** I have a bachelor's degree in Electrical Engineering and
4 a master's degree in Engineering Management from the
5 University of South Florida. I am a registered
6 Professional Engineer in the state of Florida. I have
7 more than 38 years of service with Tampa Electric working
8 in the Substation, Transmission, Distribution, Meter,
9 Grid Operations, Safety, Lighting, Vegetation Management,
10 Skills Training and Renewable Energy areas.

11

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

13

14 **A.** The purpose of my testimony is to present and support for
15 Commission review and approval of the company's actual
16 SPP costs and accomplishments achieved during the January
17 2022 through December 2022 period. My testimony will
18 also provide the specific detail, when necessary,
19 regarding variances that support Tampa Electric's actual
20 January 2022 through December 2022 SPP costs.

21

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

24

25 **A.** Yes. Exhibit No. CDS-1, entitled "Tampa Electric

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Company, 2022 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, a summary of the 2022 SPP accomplishments, and any detail when necessary for the variances between the projected and actual January 2022 through December 2022 SPP costs.

Q. Will your testimony address these topics for each of the SPP Programs for which the company incurred costs in 2022?

A. Yes, my testimony is organized to cover all these topics for each of the eight programs in the company’s 2020-2029 SPP. In addition, I will discuss the company’s SPP Planning and Common expenditures.

Distribution Lateral Undergrounding

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

1 **A.** Tampa Electric's Distribution Lateral Undergrounding
2 Program will convert existing overhead distribution
3 lateral facilities to underground to increase the
4 resiliency and reliability of the distribution system
5 serving the company's customers.
6

7 **Q.** How many Distribution Lateral Underground projects were
8 planned for 2022?
9

10 **A.** During the January to December 2022 period, Tampa
11 Electric projected that there would be 136 projects
12 planned for engineering and 164 projects planned for
13 construction.
14

15 **Q.** How many Distribution Lateral Underground projects did
16 the company initiate and complete in 2022?
17

18 **A.** During the January to December 2022 period, Tampa
19 Electric initiated 229 engineering projects and 117
20 construction projects. The company completed 141
21 engineering projects and 120 construction projects which
22 is detailed in my Exhibit No. CDS-1.
23

24 **Q.** What was the cost variance in the Distribution Lateral
25 Underground in 2022?

1 **A.** During the January to December 2022 period, the
2 Distribution Lateral Underground program had a variance
3 in revenue requirements of \$957,487 over budget which is
4 detailed on the company's Storm Protection Plan Cost
5 Recovery Clause True-up file (Form A-4, line 8 and Form
6 A-6, line 1).

7

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

10

11 **A.** Yes, there were three factors that contributed to this
12 program being over budget during the January 2022 to
13 December 2022 period. First, at the beginning of the
14 year, the designs for construction were slower than
15 expected for being ready for construction. Second, the
16 company experienced delays and issues with permits for
17 easements. Third, due to these first two factors causing
18 a backlog of work, Tampa Electric ramped up crews and
19 worked extra hours to stay on target with the mileage the
20 organization projected to complete.

21

22

23 **Transmission Asset Upgrades**

24 **Q.** Please provide a description of the Transmission Asset
25 Upgrades Program.

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

4
5 **Q.** How many Transmission Asset Upgrade projects were planned
6 for 2022?

7
8 **A.** Tampa Electric projected that 12 projects would be
9 initiated, consisting of 474 poles to be completed during
10 the January to December 2022 period.

11
12 **Q.** How many Transmission Asset Upgrade projects did the
13 company complete in 2022?

14
15 **A.** During the January to December 2022 period, Tampa
16 Electric completed six (6) projects that consisted of
17 replacing 526 wood poles with non-wood structures which
18 is detailed in my Exhibit No. CDS-1.

19
20 **Q.** What was the cost variance in the Transmission Asset
21 Upgrades program in 2022?

22
23 **A.** During the January to December 2022 period, the
24 Transmission Asset Upgrades program had a variance in
25 revenue requirements of \$1,307,411 over budget which is

1 detailed on the company's Storm Protection Plan Cost
2 Recovery Clause True-up file (Form A-4, line 2 and Form
3 A-6, line 2).
4
5

6 **Q.** Can you explain what contributed to the variance amount?
7

8 **A.** Yes, the main contributing factor causing the variance
9 within the Transmission Asset Upgrades programs for 2022
10 is due to a correction that has been made. Since the
11 inception of the program in April 2020, the transfer of
12 existing wire to the new non-wood transmission poles has
13 been included in the capital portion of this program.
14 Transfers are required to be charged to O&M. During
15 2022, the company began searching for the reason why the
16 O&M portions of this program were significantly lower
17 than was what projected during the year and found this
18 issue. The company investigated the issue, and the
19 amount, and made the correction in December 2022 to
20 correctly reverse these costs from capital to O&M which
21 caused the majority of this variance. This amount can be
22 seen on the company's Storm Protection Plan Cost Recovery
23 Clause True-up file (Form A-5, line 2). This error was
24 also impacting the company's Overhead Feeder Hardening
25 program further below.

1 **Substation Extreme Weather Hardening**

2 **Q.** Please provide a description of the Substation Extreme
3 Weather Hardening Program.

4
5 **A.** This program will harden and protect the company's
6 substation assets that are vulnerable to flooding or
7 storm surge.

8
9 **Q.** How many Substation Extreme Weather Hardening projects
10 were planned for 2022?

11
12 **A.** Tampa Electric proposed no projects during the January
13 2022 to December 2022 period.

14
15 **Q.** What was the cost variance in the Substation Extreme
16 Weather Hardening program in 2022?

17
18 **A.** Tampa Electric did not incur any costs during the January
19 2022 to December 2022 period in the Substation Extreme
20 Weather Hardening program. The company projected to
21 start work on the first project within this program in
22 2023.

23
24 **Distribution Overhead Feeder Hardening**

25 **Q.** Please provide a description of the Distribution Overhead

1 Feeder Hardening Program.

2

3 **A.** This program will include strategies to further enhance
4 the resiliency and reliability of the distribution
5 network by further hardening the grid to minimize
6 interruptions and reduce customer outage counts during
7 extreme weather events and abnormal system conditions.

8

9 **Q.** How many Distribution Overhead Feeder Hardening projects
10 were planned for 2022?

11

12 **A.** Tampa Electric projected to complete 13 Distribution
13 Overhead Feeder Hardening projects during the January to
14 December 2022 period.

15

16 **Q.** How many Distribution Overhead Feeder Hardening projects
17 did the company complete in 2022?

18

19 **A.** During the January to December 2022 period, Tampa
20 Electric completed the design of 15 Distribution Overhead
21 Feeder Hardening projects and installed/upgraded 963
22 poles, 38 three-phase reclosers, 170 single-phase
23 reclosers, and 483 fuse coordination replacements on 30
24 distribution circuits which is detailed in my Exhibit No.
25 CDS-1.

1 **Q.** What was the cost variance in the Distribution Overhead
2 Feeder Hardening program in 2022?

3

4 **A.** During the January 2022 to December 2022 period, the
5 Distribution Overhead Feeder Hardening program had a
6 variance in revenue requirements of \$675,112 under budget
7 which is detailed on the company's Storm Protection Plan
8 Cost Recovery Clause True-up file (Form A-4, line 4 and
9 Form A-6, line 4).

10

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

13

14 **A.** Yes, the main reason that drove the under budget variance
15 was completing less construction than what was originally
16 forecasted during the January 2022 to December 2022
17 period. In addition, as explained above in the
18 Transmission Asset Upgrades program, the same correction
19 has been made in December 2022 to recognize the transfer
20 of existing wire to the new hardened feeder poles be
21 charged to O&M. This amount can be seen on the company's
22 Storm Protection Plan Cost Recovery Clause True-up file
23 (Form A-5, line 4).

24

25

1 **Transmission Access Enhancement**

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

4
5 **A.** This program will ensure the company always has access to
6 its transmission facilities so it can promptly restore
7 its transmission system when outages occur. Also, I
8 would note that On November 10, 2022, the Florida Public
9 Service Commission entered Order No. PSC-2022-0386-FOF-EI
10 in Docket No. 20220048-EI directing Tampa Electric to
11 remove the Transmission Access Enhancement Program from
12 the company's SPP beginning January 1, 2023.

13
14 **Q.** How many Transmission Access Enhancement projects were
15 planned for 2022?

16
17 **A.** Tampa Electric projected to complete 22 Transmission
18 Access Enhancement projects (12 access roads and 10
19 access bridges) to be engineered during the January to
20 December 2022 period.

21
22 **Q.** How many Transmission Access Enhancement projects were
23 engineered in 2022?

24
25 **A.** The company engineered 4 access roads and 2 access

1 bridges as part of the Transmission Access Enhancement
2 program during the January to December 2022 period.

3
4 **Q.** What was the cost variance in the Transmission Access
5 Enhancement program in 2022?

6
7 **A.** During the January 2022 to December 2022 period, the
8 Transmission Access Enhancement program had a variance in
9 revenue requirements of \$7,370 under budget which is
10 detailed on the company's Storm Protection Plan Cost
11 Recovery Clause True-up file (Form A-4, line 5 and Form
12 A-6, line 5).

13
14
15 **Vegetation Management**

16 **Q.** Please provide a description of the Vegetation Management
17 ("VM") Program?

18
19 **A.** The VM Program consists of three existing legacy storm
20 hardening VM activities and three new VM initiatives.
21 The three existing legacy storm hardening VM activities
22 include the following:

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

1 The three new VM initiatives are:

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

5

6 **Q.** What level of Vegetation Management activity did the
7 company project for each initiative during the period
8 2022?

9

10 **A.** For the January 2022 to December 2022 period, the company
11 projected the following activities:

- 12 • Distribution VM: 1,557.7 miles
- 13 • Transmission VM: 513.9 miles
- 14 • Initiative 1: 692.0 miles
- 15 • Initiative 2: 196.0 miles
- 16 • Initiative 3: 28.1 miles

17

18 **Q.** What level of Vegetation Management activity did the
19 company complete for each initiative during 2022?

20

21 **A.** For the January 2022 to December 2022 period, the company
22 completed the following activities:

- 23 • Distribution VM: 1,464.3 miles
- 24 • Transmission VM: 513.9 miles
- 25 • Initiative 1: 682.6 miles

- 1 • Initiative 2: 389.0 miles
- 2 • Initiative 3: 18.0 miles

3

4 **Q.** What was the cost variance in the Vegetation Management
5 program in 2022?

6

7 **A.** During the January 2022 to December 2022 period, the VM
8 program had a variance in Operating and Maintenance
9 ("O&M") costs of \$1,537,022 under budget which is
10 detailed on the company's Storm Protection Plan Cost
11 Recovery Clause True-up file (Form A-4, lines 1.1, 1.2
12 and 1.3).

13

14 **Q.** Can you explain what contributed to the variance amount?

15

16 **A.** Yes, the variance is made up of two amounts, Planned
17 Distribution VM had a variance of \$1,335,975 under budget
18 and Planned Transmission VM had a variance of \$201,047
19 under budget. The Planned Distribution and Transmission
20 were under budget largely due to the work being planned
21 efficiently with overlapping construction projects and
22 circuit load transfers/circuit reconfiguration which
23 allowed the work to be completed at a lower cost than
24 projected.

25

1 **Infrastructure Inspections**

2 **Q.** Please provide a description of the Infrastructure
3 Inspections Program.

4
5 **A.** This SPP program involves the inspections performed on
6 the company's Transmission and Distribution
7 infrastructure including all wooden distribution and
8 transmission poles, transmission structures and
9 substations, as well as the audit of all joint use
10 attachments.

11
12 **Q.** How many infrastructure inspection projects did the
13 company project to complete in 2022?

14
15 **A.** Tampa Electric conducts thousands of inspections each
16 year. The number of inspections by type planned for 2022
17 were as follows:

18

19	<u>Distribution:</u>	<u>2022</u>
20	Wood Pole:	35,625
21		
22	<u>Transmission:</u>	<u>2022</u>
23	Wood Pole:	538
24	Above Ground:	3,386
25	Aerial Infrared Patrol:	Annually

1 Ground Patrol: Annually

2 Substations: Annually

3

4 **Q.** How many infrastructure inspection projects did the
5 company complete in 2022?

6

7 **A.** Tampa Electric completed the following inspections by
8 type in 2022:

9

10 Distribution: 2022

11 Wood Pole: 35,779

12

13 Transmission: 2022

14 Wood Pole/Groundline: 398

15 Above Ground: 3,386

16 Aerial Infrared Patrol: Complete

17 Ground Patrol: Complete

18 Substations: Complete

19

20

21 **Q.** What was the cost variance in the Infrastructure
22 Inspection program in 2022?

23

24 **A.** During the January 2022 to December 2022 period, the
25 Infrastructure Inspection program had a variance in O&M

1 of \$124,284 over budget which is detailed on the
2 company's Storm Protection Plan Cost Recovery Clause
3 True-up file (Form A-4, lines 6.1 and 6.2).
4

5 **Q.** Can you explain what contributed to the variance amount?
6

7 **A.** Yes, the variance is made up of two amounts, Distribution
8 Infrastructure Inspections had a variance of \$147,503
9 over budget and Transmission Infrastructure Inspections
10 had a variance of \$23,219 under budget. The over budget
11 in Distribution Infrastructure Inspections was driven by
12 two main factors. First, the company added work to the
13 existing inspection to check for conflicts in clearance
14 and also to verify guy wire bonding. Second, the company
15 experienced a labor cost increase from the third-party
16 organization that performs these inspections.
17
18

19 **LEGACY STORM HARDENING INITIATIVES**

20 **Q.** What are the legacy storm hardening initiatives?
21

22 **A.** These are storm hardening activities that were mandated
23 by the Commission as components of the company's prior
24 storm hardening plan.
25

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

5
6 **A.** Yes, they are the same, but Tampa Electric extracted the
7 following legacy storm hardening initiatives to be
8 separate SPP Programs and transitioned the cost-recovery
9 for these through the SPPCRC:

- 10 • Four-year distribution vegetation management
- 11 • Two-year transmission vegetation management
- 12 • Transmission Right of Way vegetation management
- 13 • Distribution infrastructure inspections
- 14 • Transmission infrastructure inspections
- 15 • Transmission asset upgrades

16
17 **Q.** What are the other legacy storm hardening initiatives
18 that will not go through the SPPCRC?

19
20 **A.** The other legacy storm hardening initiatives that will
21 not go through the SPPCRC include the following:

- 22 • Unplanned distribution vegetation management
- 23 • Unplanned transmission vegetation management
- 24 • Geographic Information System
- 25 • Post-Storm Data Collection

- 1 • Outage Data - Overhead and Underground Systems
- 2 • Increased Coordination with Local Governments
- 3 • Collaborative Research
- 4 • Disaster Preparedness and Recovery Plan
- 5 • Distribution Wood Pole Replacements

6

7 **COMMON STORM PROTECTION PLAN ACTIVITIES AND COSTS**

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

10

11 **A.** Yes, the costs in the Common Costs category represent
12 those costs that cannot be attributed to a specific
13 Program and these costs benefit all SPP programs. They
14 also are made up of an accumulation of incremental costs
15 associated with developing, implementing, managing, and
16 administering the SPP.

17

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

19

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

25

1 Q. What was the cost variance in the Common Cost category in
2 2022?

3

4 A. During the January 2022 to December 2022 period, the
5 Common Cost category has a variance in O&M of \$65,109
6 over budget which is detailed on the company's Storm
7 Protection Plan Cost Recovery Clause True-up file (Form
8 A-4, line 7).

9

10 Q. Does that conclude your testimony?

11

12 A. Yes, it does.

13

14

15

16

17

18

19

20

21

22

23

24

25



2022
STORM PROTECTION PLAN
ACCOMPLISHMENTS

2022 Storm Protection Plan Accomplishments



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2022 Storm Protection Plan Accomplishments

SUMMARY OF 2022

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 2022 Storm Protection Annual Status Report covers the third 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.

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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 2022:

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Table DLU.1 – 2022 Distribution Lateral Undergrounding

2022 Distribution Lateral Undergrounding			
	Projects Planned	Projects Initiated	Projects Completed
Engineering Design and Right of Way Obtainment	136	229	141
Construction	164	117	120

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 2022, 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 2022, Tampa Electric has 293 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 242 personnel. The reactive resources consist of 51 personnel and are employed for mid-cycle trims, customer requested work and work orders associated with circuit

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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 2022, as part its Florida Arbor Day recognition, Tampa Electric partnered with the Davey Tree Expert Company, Trees LLC, and the University of South Florida to plant trees around the campus and arboretum.

During the fourth quarter 2022, Tampa Electric submitted its renewal application to the National Arbor Day Foundation's Tree Line USA Program and received endorsement in the first quarter of 2023. This will be the fifteenth 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 2022:

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Table VM.1 – 2022 Distribution Four-Year Cycle

2022 Distribution Vegetation Management Four-Year Cycle (Miles Trimmed)								
3rd Cycle, Year 2								
	Company Service Area							
	CSA	DCA	ESA	PCA	SHA	WSA	WHA	Total
4-Year VM Miles Goal	259.8	92.9	210.0	310.1	179.8	273.4	231.6	1,557.7
4-Year VM Miles Actual	180.0	108.1	182.6	308.7	160.1	283.4	241.5	1,464.3

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 2022:

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Table VM.2 – 2022 Reactive Vegetation Management

2022 Reactive Vegetation Management (Work Requests)								
	Company Service Area							Total
	CSA	DCA	ESA	PCA	SHA	WSA	WHA	
Reactive Work Requests Reviewed	1,074	112	754	442	313	1,195	397	4,287
Reactive Work Requests Trimmed	850	97	619	331	261	961	279	3,398

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 2022 compared to the annual goal:

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Table VM.3 – 2022 Transmission Vegetation Management

2022 Transmission Vegetation Management				
	Bulk Transmission (miles)	Non-Bulk Transmission (miles)	Right of Way Transmission (acres)	Total Transmission (miles)
Transmission VM Miles Goal	268.3	245.6	8,000.0	513.9
Transmission VM Miles Actual	268.3	245.6	6,683.3	513.9

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 2022:

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Table VM.4 – 2022 Supplemental Distribution Circuit Vegetation Management

2022 Supplemental Vegetation Management (Miles Trimmed)								
	Company Service Area							
	CSA	DCA	ESA	PCA	SHA	WSA	WHA	Total
Supplemental Miles Goal	113.5	127.6	72.9	202.2	20.2	112.4	43.2	692.0
Supplemental Miles Actual	102.9	135.1	72.9	202.9	20.7	110.8	37.3	682.6

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 2022, the company performed VM on 818 spans of feeder and removed 548 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 2022:

Table VM.5 – 2022 Mid-Cycle Distribution Vegetation Management

2022 Mid-Cycle Distribution Vegetation Management (Miles Inspected)								
	Company Service Area							
	CSA	DCA	ESA	PCA	SHA	WSA	WHA	Total
Mid-Cycle Inspection Miles Goal	36.0	5.1	34.5	12.0	23.0	53.3	32.1	196.0
Mid-Cycle Inspection Miles Actual	41.5	0.0	139.9	97.5	32.8	44.5	32.8	389.0

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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 2022, 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 2022:

Table VM.6 – 69 kV Reclamation Initiative

2022 69 kV Reclamation Initiative			
	Real Estate Research (miles)	Survey (miles)	Vegetation Management (miles)
69 kV Reclamation Initiative Goal	55.4	31.1	28.1
69 kV Reclamation Initiative Actual	83.2	36.8	18.0

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

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approximately 25,000 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 2022:

Table TAU.1 – 2022 Transmission Asset Upgrades

2022 Transmission Asset Upgrades Structures Hardened / System Update		
	Goal	Actual
Transmission Structures – Poles - Non SPP (Note 1)	N/A	191
Transmission Structures – SPP	474	526
Transmission System Hardened (Percentage)	86.0%	87.0%

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 and one project per year for the

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following eight years. 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 2022:

Table OVHF.1 – 2022 Distribution Overhead Feeder Hardening Designed Equipment

2022 Distribution Overhead Feeder Hardening Designed Equipment				
Circuit Number	Pole Replacement / Upgrades	Three-Phase Recloser Installations	Single-Phase Recloser Installations	Fuse Coordination Replacements
13314	89	0	8	86
13309	38	1	6	35
13313	69	2	3	40
13433	82	1	46	110
13148	162	4	31	26
13048	112	5	22	57
13770	113	6	6	49
13296	109	3	19	39
13118	169	9	17	77
13989	40	0	0	29
14123	95	1	16	12
13984	89	6	28	15
Total	1,167	38	202	575

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Table OVHF.2 – 2022 Distribution Overhead Feeder Hardening Installed Equipment

2022 Distribution Overhead Feeder Hardening Installed Equipment				
Circuit Number	Pole Replacement / Upgrades	Three-Phase Recloser Installations	Single-Phase Recloser Installations	Fuse Coordination Replacements
13314	77	0	8	50
13309	38	1	5	35
13313	64	2	3	40
13433	82	1	46	95
13148	161	4	31	26
13048	101	5	22	54
13770	113	6	6	37
13296	53	3	16	29
13118	162	9	17	77
13989	40	0	0	29
14123	71	1	16	11
13984	1	6	0	0
Total	963	38	170	483

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 2022, the company advanced the program

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and finalized construction of several access road projects. The table below shows the number of access roads that were completed in 2022:

Table TAE.1 – 2022 Transmission Access Enhancement (Access Roads)

2022 Transmission Access Enhancement (Access Roads)				
	Planned	Engineered	Constructed	Completed
Access Roads	12	4	3	3
2020-2029 SPP Access Roads				
	Planned	Completed	Percent Completed	
Access Roads	25	3	12.0%	

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 2022, the company advanced the program and finalized construction of several access bridge projects. The table below shows the number of access bridges that were completed in 2022:

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Table TAE.2 – 2022 Transmission Access Enhancement (Access Roads)

2022 Transmission Access Enhancement (Access Bridges)				
	Planned	Engineered	Constructed	Completed
Access Bridges	10	2	1	1
2020-2029 SPP Access Bridges				
	Planned	Completed	Percent Completed	
Access Bridges	19	1	5.3%	

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. 20060078-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 25,000 transmission poles appropriate for inspection for a total pole inspection population of approximately 310,000. 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

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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 35,625 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

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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.

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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.

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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 2022:

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TRA.1 – 2022 Transmission Inspections

2022 Transmission Inspections		
Transmission Inspection Type	Number of Inspections (Circuits)	Number of Poles
Groundline	18	398
Above Ground	24	3,386
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 2022:

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Sub.1 – 2022 Substation Inspections

2022 Substation Inspections		
	Distribution Substations	Transmission Substations
Number of Inspections	411	196

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 2022, 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 1,048 poles and all poles determined to be overloaded will be corrected.

For 2023, 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

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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 2022, Tampa Electric reviewed all known attachment records and verified that the company has joint use agreements with all attaching entities. Tampa Electric has a total of 37 attachment agreements with attaching entities and continue negotiations with others requesting permission to attach to Tampa Electric poles.

In 2022, Tampa Electric had steady requests for small cell permit applications. The company's Joint Use department processed 45 pole attachment applications for 1,048 poles. As a result, the company identified 11 distribution pole that were overloaded due to joint use attachments and 22 poles were overloaded due to Tampa Electric's attachments. Out of the 1,048 poles that were assessed through the pole attachment application process and the comprehensive loading analysis, there were 232 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 2022, 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 2023, 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.

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Infrastructure Inspections Summary

2022 Infrastructure Inspections Summary			
	Notes	Projected	Actual
Joint Use Audit	Note 1		
Joint Use Inspections			1,048
Distribution			
Wood Pole Inspections		35,625	35,779
Transmission			
Wood Pole/Groundline Inspections		538	398
Above Ground Inspections		3,386	3,386
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

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evaluations further cement GIS as the foundational database for Tampa Electric's facilities.

In 2022, 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.

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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. In 2022, Tampa Electric conducted a forensic analysis following Hurricane Ian due to the projected track of the storm and the wind speeds that were projected to impact the company's service area.

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.

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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 on 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”) and the Florida Public Service Commission (“FPSC”), in planning and facilitating joint storm exercises. In addition, Tampa Electric will continue to be involved in improving emergency response to vulnerable populations.

In 2022, Tampa Electric’s Emergency Management Department communication efforts continued to focus on local, state, and federal governments and agencies for all emergency management missions. Tampa Electric did participate in mock storm exercises with Hillsborough, Pinellas, and Polk counties. In addition, Tampa Electric did conduct its own series of internal exercises focused on emergency response plans and the use of emergency response playbooks.

In 2022, 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 and Florida’s Special Needs Registration, which are available on the company’s website.

Emergency Operations Centers – Key Personnel Contact: In 2022, two (2) named tropical weather events (Hurricanes Ian and Nicole) triggered various county and municipal agencies to activate their EOC at either full or partial activation levels to support emergency response activities. During Hurricane Ian, Tampa Electric was fully

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activated by all counties and municipalities including Hillsborough County (and the Cities of Plant City, Tampa, and Temple Terrace), Pasco County, Pinellas County (and the City of Oldsmar), and Polk County. During Hurricane Nicole, Tampa Electric was fully activated for Hillsborough County and virtually activated for the City of Tampa to support emergency response activities. The State of Florida activated its EOC at full activation for both of these hurricanes. Tampa Electric personnel supported outage reporting and EOC requests from Tampa and 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 Ian	Hurricane Nicole
City of Oldsmar	Full	-
City of Plant City	Full	-
City of Tampa	Full	Partial
City of Temple Terrace	Full	-
Hillsborough County	Full	Full
Pasco County	Full	-
Pinellas County	Full	-
Polk County	Full	-
State of Florida	Full	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

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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 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 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.

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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

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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 2022, Tampa Electric received requests from and deployed resources to Hillsborough County, as well as the Cities of Tampa and Temple Terrace, for Search and Rescue Team assistance during Hurricane Ian. In addition, resources were requested and provided to the City of Tampa to assist with debris clearing activities.

Tree Ordinances, Planting Guides and Trip Procedures: For 2023, 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 through 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 2022 that involved critical facilities:

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Meetings with Local Government				
Entity	Date(s)	Topics	Pending Issues/Follow-up Items	Contact Information Provided to Local Authorities
Hillsborough County	1/03/2022 1/21/2022 1/28/2022 1/31/2022 3/15/2022 3/21/2022 3/28/2022 3/30/2022 4/05/2022	Critical Facility Discussion	N/A	Yes
Pasco County	2/07/2022 2/24/2022 2/28/2022 3/09/2022	Critical Facility Discussion	N/A	Yes
Pinellas County	2/07/2022 2/28/2022 3/22/2022	Critical Facility Discussion	N/A	Yes
Polk County	2/18/2022 2/23/2022 3/09/2022 3/10/2022	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.

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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.

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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 varies 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 and partners. 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.

When requested, Tampa Electric participates in the State of Florida’s mock storm exercise with the FPSC, which can coincide 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 2022, the State of Florida did not conduct a mock storm exercise but conducted a cybersecurity attack exercise. Tampa Electric did participate in mock storm exercises with Hillsborough, Pinellas, and Polk counties. In 2023, Tampa Electric expects to participate in storm-related exercises at local and state levels.

In 2022, Tampa Electric participated in the following disaster preparedness and recovery plan committees which included in-depth coordination with local, state and federal emergency management agencies and partners in the following areas:

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- 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 FEPA WebEOC 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 2023, Tampa Electric will continue in leadership roles in county and national preparedness groups: Hillsborough County and the COT PDRP, EEI, FEPA Higher Education and WebEOC Working Groups, ESCC, the NFPA 1600 Committee on Continuity, Emergency, and Crisis Management, and the NFPA Technical Committee.

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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 2022, a total of 20 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.