BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20210010-EI

IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE

TESTIMONY AND EXHIBIT

OF

MARK R. ROCHE

FILED: May 3, 2021

REVISED: May 10, 2021

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

MARK R. ROCHE

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

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

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

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

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

Q. Have you previously testified before the Florida Public Service Commission ("Commission")?

A. Yes. I have testified before this Commission on conservation and load management activities, DSM goal and plan approval dockets and other ECCR dockets.

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

A. The purpose of my testimony is to present, for Commission approval: (1) the calculation of the January 2021 through December 2021 Storm Protection Plan actual/estimated amounts to be recovered in the January 2022 through December 2022 projection period; (2) the calculation of the January 2022 through December 2022 Storm Protection Plan projected amounts to be recovered in the January

2022 through December 2022 projection period; and (3) the proposed 2022 SPPCRC cost recovery factors. I will describe the process used to develop the company's SPPCRC projections, which complies with Rule 25-6.031, Florida Administrative Code ("F.A.C.") and Section 366.96, Florida Statutes. The projected 2022 SPPCRC factors have been calculated based on the current approved allocation methodology.

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

A. Yes. Exhibit No. MRR-2 was prepared under my direction and supervision. Exhibit No. MRR-2 includes Schedules P-1 through P-4 and associated data which support the development of the storm protection plan cost recovery factors for January through December 2022 using the Commission approved cost of service allocation factors that were approved in Tampa Electric's 2013 Cost of Service Study prepared in Docket No. 20130040-EI, which was used for the company's current (non-SoBRA) base rate design. I am also providing the development of the storm protection plan cost recovery factors for January through December 2022 using the proposed cost of service allocation factors that are part of Tampa Electric's 2021

petition for rate increase in Docket No. 20210034-EI.

Q. Does the Exhibit No. MRR-2 meet the requirements of Rule 25-6.031(b), which requires the actual/estimated filing to include revenue requirements based on a comparison of current year actual/estimated costs and the previously-filed projected costs and revenue requirements for the current year?

A. Yes, it does.

Q. Does the Exhibit No. MRR-2 meet the requirement of Rule 25-6.031(b) to include a description of the work projected to be performed during the current year for each program and project in the utility's cost recovery petition?

A. Yes, it does.

Q. Does the Exhibit No. MRR-2 meet the requirements of Rule 25-6.031(c), which requires the projected year to include costs and revenue requirements for the subsequent year for each program filed in the company's cost recovery petition?

A. Yes, it does.

Q. Does the Exhibit No. MRR-2 meet the requirements of Rule 25-6.031(c), which requires the projected year to include identification of each of the utility's Storm Protection Plan programs for which costs will be incurred during the subsequent year, including a description of the work projected to be performed during such year, for each program in the utility's cost recovery petition?

A. Yes, it does.

Q. Will any other witnesses testify in support of Tampa Electric's Proposed Storm Protection Plan Cost Recovery Clause?

A. Yes. David L. Plusquellic will testify regarding the company's storm protection programs and provide specific detail regarding the work performed in 2021 and projected to be performed in the remainder of 2021 and in 2022 for each Storm Protection Program in the company's cost recovery petition. This detail includes costs, a description of the work to be performed, and an explanation how the activities are consistent with Tampa Electric's 2020-2029 Storm Protection Plan.

Process to Develop the Company's SPPCRC Projections

Q. What costs are encompassed in Tampa Electric's 2021 annual estimated/actual filing?

A. Tampa Electric developed its 2021 annual estimated/actual true-up filing showing actual and projected common costs and individual program costs based upon two months of actuals and ten months of estimates.

Q. Will you please describe the Storm Protection Plan costs that Tampa Electric projects it will incur during the period January through December 2021?

A. The actual costs incurred by Tampa Electric for January through February 2021 and projected for March through December 2021 are $142,892,486. A summary of these costs and estimates are fully detailed in Exhibit No. MRR-2, Storm Protection Plan Costs Projected – Actual and Projected, pages 68 through 94.

Q. Has Tampa Electric proposed any new or modified Storm Protection Programs for SPPCRC cost recovery for the period January through December 2022 that were not included in the company's proposed Storm Protection Plan that is currently being reviewed for approval by the

Florida Public Service Commission in Docket No. 20200067-EI?

A. No, at this time Tampa Electric is not proposing any new or modified programs for SPPCRC cost recovery for the period January through December 2022. The company is in the process of developing the next ten-year Storm Protection Plan which will cover the 2022-2031 period. If there are any new or modified programs within the new 2022-2031 period, the company will seek to start SPPCRC cost recovery for these new or modified programs in 2023.

Q. Will you please describe the Storm Protection Plan costs that Tampa Electric projects it will incur during the period of January through December 2022?

A. Tampa Electric has estimated that the total storm protection costs during the 2022 period will be $182,237,308. A summary of these costs and estimates is fully detailed in Exhibit No. MRR-2, Storm Protection Plan Costs - Projected, pages 37 through 67.

DEVELOPMENT AND CALCULATION OF THE PROJECTED ANNUAL REVENUE REQUIREMENTS FOR 2021 and 2022

Q. What are the projected annual revenue requirements for

Tampa Electric's SPP activities in 2021 and 2022?

A. The projected annual revenue requirements for the company's SPP activities for 2021 and 2022 are included below.

Total Projected SPP Revenue Requirement (2021-2022)

2021	$33,526,167
2022	$49,955,618

The revenue requirements of each SPP program are detailed further in my Exhibit No. MRR-2.

Q. Would you explain how these projected annual revenue requirements were developed?

A. Yes, the projected annual revenue requirements were developed with cost estimates for each of the SPP programs plus depreciation and return on SPP assets, as outlined in Rule 25-6.031(6), Florida Administrative Code ("F.A.C."), the SPP Cost Recovery Clause Rule.

Q. Do these revenue requirements include any costs that are currently recovered in base rates?

A. No, as explained further below the company agreed to

procedures during the development of the company's initial SPPCRC in 2020 that are designed to avoid double recovery of SPP costs through both base rates and the SPPCRC.

Q. Do the projected annual revenue requirements include the annual depreciation expense on SPP capital expenditures?

A. Yes, Rule 25-6.031 states that the annual depreciation expense is a cost that may be recovered through the SPPCRC. As a result, the projected annual revenue requirements include the annual depreciation expense calculated on the SPP capital expenditures using the depreciation rates from Tampa Electric's most current Depreciation Study, approved by Order No. PSC-12-0175-PAA-EI issued April 3, 2012 within Docket No. 20110131-EI.

Q. Were the depreciation savings on the retirement of assets removed from service during the SPP capital projects considered in the development of the revenue requirement?

A. Yes, in the development of the revenue requirements, depreciation expense from the SPP capital asset additions was reduced by the depreciation expense savings resulting

from the estimated retirement of assets removed from service during the SPP capital projects.

Q. Do the projected annual revenue requirements include a return on the undepreciated balance of the SPP assets?

A. Yes, Rule 25-6.031 (6)(c) states that the utility may recover a return on the undepreciated balance of the asset costs through the SPPCRC. As a result, this return was included in the estimated annual jurisdictional revenue requirement. In accordance with the Order No. PSC-2020-0165-PAA-EU issued on May 20, 2020 within Docket No. 20200118-EU, Amended unopposed joint motion to modify Order PSC-2012-0425-PAA-EU regarding weighted average cost of capital methodology, Tampa Electric calculated a return on the undepreciated balance of the asset costs using the projected mid-point return on equity 13-month average weighted average cost of capital for 2022.

Q. Did the company include Allowance for Funds Used During Construction ("AFUDC") in the calculation of the projected annual revenue requirements?

A. No, per Rule 25-6.0141, F.A.C, in order for projects to be eligible for AFUDC, they must involve "gross additions

to plant in excess of 0.5 percent of the sum of the total balance in Account 101, Electric Plant in Service, and Account 106, Completed Construction not Classified, at the time the project commences and are expected to be completed in excess of one year after commencement of construction." None of the projects proposed in Tampa Electric's 2021-2022 SPP meet the criteria for AFUDC eligibility.

Q. Is the 2022 total projected revenue requirement of $49,955,618 the amount that Tampa Electric will seek to recover in 2022 in the SPPCRC?

A. No, Tampa Electric adjusted this amount to recognize the true-up over-recovery that is occurring in 2021. This true-up over recovery is resulting from the actual amount spent in 2020 was lower than the amount that was projected to be spent and recovered in 2021 and because of a similar over-recovery for the actual-estimated 2021 period.

Q. What were these over-recovery amounts?

A. Both over-recovery amounts are occurring in 2021 to recognize the two periods, 2020 and 2021, because cost

recovery did not exist in 2020. The true-up recognized for the 2020 period is an over-recovery of $990,560, including interest, and for the 2021 period an additional over-recovery of $443,115, including interest, for a total end of period over-recovery $1,433,675.

Q. Did Tampa Electric reduce the revenue requirements for 2022 by this $1,433,675?

A. Yes, it did.

Q. How did Tampa Electric recognize this reduction in revenue requirements?

A. To recognize this revenue requirement reduction due to an over-recovery, the company first analyzed the actual 2020 costs versus projected costs and the projection of 2021 costs performed in 2020 versus the actual/estimated 2021 costs for each for each program/activity to determine how each program and activity contributed to the over-recovery amounts. The company sorted each of these costs into the appropriate distribution or transmission function. Once this was done, the company adjusted the 2022 revenue requirements to recognize the over-recovery.

Q. How much of this over-recovery is related to distribution and how much to transmission related activities?

A. The company recognized a $1,269,194 reduction in revenue requirements for distribution activities and a $164,481 reduction in revenue requirements for transmission activities. These reductions together recognize the $1,433,675 of over-recovery that needed to be refunded in the 2022 period.

AVOIDANCE OF DOUBLE RECOVERY

Q. Rule 25-6.031(7), F.A.C. states that costs recoverable through the SPPCRC "shall not include costs recovered through the utility's base rates or any other cost recovery mechanism." What steps has Tampa Electric taken to ensure that the costs presented for recovery in this docket do not include any costs that are already recovered in base rates?

A. The company has taken two main steps to ensure that the costs recovered through the SPPCRC do not include any costs that are already recovered through base rates. First, the company has implemented internal procedures to accurately track SPP costs. Second, the company entered into an agreement approved by the Commission known as the

2020 Settlement Agreement. This Agreement includes a method for avoiding double recovery of SPP costs.

Q. What internal procedures has the company implemented to accurately track SPP costs to avoid potential double recovery through the SPPCRC?

A. All SPP Programs and SPP Projects are identified using the company's accounting system attributes including Funding Projects, Work Orders and Plant Maintenance Orders ("PMOs")/work requests. Each SPP Project is assigned a specific Funding Project number, which is "tagged" with a code indicating which SPP Program the costs are attributable to. This code clearly differentiates the SPP Capital investments from the company's other Capital assets in the accounting system. The company has also developed a set of charging guidelines for the SPP and several layers of internal review are performed on these costs. Additional measures to avoid double recovery are covered in the 2020 Settlement Agreement, discussed in detail below.

Q. What is the Tampa Electric 2020 Settlement Agreement?

A. The 2020 Settlement Agreement is an agreement entered

into by Tampa Electric, the Office of Public Counsel, the Florida Industrial Power Users Group, the Florida Retail Federation, the Federal Executive Agencies, and the West Central Florida Hospital Utility Alliance. The 2020 Settlement Agreement resolves issues in several Commission dockets involving Tampa Electric, including this docket. The Commission approved the 2020 Settlement Agreement in a hearing held on June 9, 2020 and was approved by the Commission's Order No. PSC-2020-0224-AS-EI.

Q. What provisions in the 2020 Settlement Agreement affect this docket?

A. The 2020 Settlement Agreement contains provisions governing cost recovery for incremental SPP operations and maintenance ("O&M") expenses, capital expenditures and assets related to the SPP, and distribution pole replacements. The purpose of these provisions is to set out a method for avoiding double recovery of SPP costs through both base rates and through the SPPCRC.

Q. How does the 2020 Settlement Agreement ensure there is no double recovery of SPP O&M costs?

A. The company's SPP is comprised of both existing and new storm protection activities. Under the 2020 Settlement Agreement, Tampa Electric will recover all SPP O&M expenses, including expenses associated with existing activities, through the SPPCRC.

Q. How will the company recover O&M expenses associated with existing activities through the SPPCRC while avoiding double recovery of those costs?

A. There are six existing activities included in the company's SPP, the costs of which are currently recovered through base rates. The company agreed to reduce base rate revenues by an amount equal to the average actual O&M expense for the most recent two years – grossed up for the regulatory assessment fee – for these six activities. The ultimate result of this agreement is that Tampa Electric will reduce base rates by an annual amount of $14,876,228.78 beginning in 2021.

Q. Did the company reduce base rates by the annual amount of $14,876,228.78 beginning in 2021?

A. Yes, it did.

Q. How does the 2020 Settlement Agreement avoid potential double recovery for capital expenditures?

A. The Agreement established a bright line test for determining which SPP capital projects are eligible for SPPCRC recovery. Under the Agreement, all SPP capital projects initiated after April 10, 2020 are eligible for recovery through the SPPCRC, subject to a prudence review in this docket. Cost recovery for projects initiated prior to that date will continue to be recovered through base rates.

Q. Are there any other provisions of the 2020 Settlement Agreement that will avoid potential double recovery?

A. Yes. The Agreement requires the company to recover costs associated with distribution pole replacements through base rates. This requirement avoids potential difficulties associated with accounting for mass asset additions and retirements. Likewise, the company will also not seek recovery of the O&M expenses associated with asset transfers related to distribution pole replacements through the SPPCRC. The Agreement also requires the company to implement four accounting protocols for capital items to avoid double recovery.

Q. What are those four accounting protocols for capital items?

A. First, when assets are retired and replaced as a part of a SPP program, the company will not seek to recover the cost of removal net of salvage associated with the related assets through the SPPCRC. Instead, the net cost of removal will be debited to the company's accumulated depreciation reserve. Second, depreciation expense from SPP capital asset additions will be reduced by depreciation expense savings that result from the retirement of assets removed from service during the SPP project. Only the net of the two amounts will be recovered through the SPPCRC. Third, project records and fixed asset records for SPP capital projects will be maintained in a manner that clearly distinguishes between rate base and SPPCRC assets. Finally, the company has the option to remove items from the SPPCRC and include them in retail base rates if the Commission determines that they were prudent through a final true-up in the SPPCRC docket.

Q. Did the company implement these four accounting protocols for capital items to avoid double recovery?

A. Yes, it has.

Q. Are there any other provisions of the 2020 Settlement Agreement that affect cost recovery for SPP activities?

A. Yes, the Agreement contains provisions governing the eligibility of SPP projects for accrual of AFUDC. As I explained previously, however, Tampa Electric is not seeking cost recovery for AFUDC for any SPP Projects at this time.

Q. Did Tampa Electric follow all of the requirements of the 2020 Settlement Agreement in developing its request for cost recovery in this docket?

A. Yes, the company followed all of the requirements of the Agreement in developing the company's request for cost recovery in the SPPCRC.

METHOD OF DERIVING JURISDICTIONAL REVENUE REQUIREMENTS AND THEN ALLOCATING THOSE COSTS TO DERIVE SPPCRC CHARGES FOR 2022

Q. Were jurisdictional distribution or transmission factors applied to the projected annual revenue requirements?

A. Yes, the company applied the most recent jurisdictional

transmission factor to the O&M and capital transmission costs to recognize the retail portion of the revenue requirements ensuring the SPPCRC did not double recover those amounts collected from the company's Open Access Transmission Tariff. Tampa Electric provides wholesale transmission service to some utilities under its Open Access Transmission Tariff ("OATT") and to avoid double recovery, a portion of the total transmission related project costs must be jurisdictionally separated before being identified for cost recovery through the SPPCRC. Tampa Electric does not provide any wholesale distribution service and so 100 percent of those project costs can be called jurisdictional and thus totally recovered through the SPPCRC from retail customers.

Q. What were the total proposed storm protection revenue requirements for the period January through December 2022 prior to and after using the appropriate jurisdictional factor to recognize those transmission costs?

A. The total proposed storm protection revenue requirements for the period January through December 2022 prior to the jurisdictional separation for transmission was $49,955,618. After performing the transmission jurisdictional separation and recognizing the prior

period over-recovery amounts, the total revenue requirements are $47,920,654. After performing the transmission jurisdictional separation and over-recovery adjustment, this value is adjusted by the revenue tax factor to obtain the total proposed revenue requirements that will be sought for approval through the SPPCRC in 2022. The details of these calculations are included in my Exhibit No. MRR-2,

- 2022 Billing Determinants and Allocation Factors (Docket No. 20130040-EI, Cost of Service Methodology), page 33.
- 2022 Billing Determinants and Allocation Factors (Docket No. 20210034-EI, Cost of Service Methodology), page 34.
- Summary of Cost Recovery Clause Calculation (Docket No. 20130040-EI, Cost of Service Methodology), page 35.
- Summary of Cost Recovery Clause Calculation (Docket No. 20210034-EI, Cost of Service Methodology), page 36.

Q. Were there any other adjustments made to the company's 2022 SPP revenue requirements prior to separating these costs jurisdictionally for retail cost recovery?

A. No.

Q. Once the revenue requirements have been calculated and then jurisdictionally separated for retail cost recovery, how were those revenue requirements then allocated to rate class for derivation of SPPCRC charges?

A. For each year, the programs were itemized and identified as either substation, transmission, or distribution costs. Each of those functionalized costs was then allocated to rate class using the allocation factors for that function. The allocation factors were from the Tampa Electric 2013 Cost of Service Study prepared in Docket No. 20130040-EI, which was used for the company's current (non-SoBRA) base rate design. Once the total SPP revenue requirement recovery allocation to the rate classes was derived, the rates were determined in the same manner. For Residential, the charge is a kWh charge. For both Commercial and Industrial, the charge is a kW charge. The charges are derived by dividing the rate class allocated SPP revenue requirements by the 2022 energy billing determinants (for residential) and by the 2022 demand billing determinants (for commercial and industrial). Those charges were then applied to the billing determinants associated with typical bills for

each group to calculate the impact on those bills. In addition, at the time of this filing, Tampa Electric is petitioning the Commission for a rate increase in Docket No. 20210034-EI. The company used the proposed allocation factors from the rate increase proceeding to perform a second calculation. This methodology, using the 2013 Cost of Service Methodology and the proposed 2021 Cost of Service Methodology, is shown in my Exhibit No. MRR-2.

Q. Will the rate impacts established through the 2022 SPPCRC differ from those presented in the rate impact calculations that were provided in the company's SPP that was filed on April 10, 2020?

A. Yes, the rate impacts presented in the company's SPP reflected the "all-in" costs of the company's SPP without regard to whether the costs would be recovered through the SPPCRC or through the company's base rates and charges. Since that time, the Commission approved the 2020 Settlement Agreement, which sets out a methodology for separating SPPCRC and base rate recovery and for avoiding double recovery. Additionally, the values utilized in the SPPCRC have been reduced to the retail jurisdictional amount. Furthermore, the company used the

then-existing billing determinants to develop the rate estimates in the SPP. The rate estimates presented here are based on more recent billing determinant forecasts for 2022, which are in turn based on the most current load forecast.

Q. In the development of the proposed 2022 SPPCRC factors, did the company use the most recent billing determinants, within the most current load forecast?

A. Yes, the 2022 SPPCRC factors are based upon the company's most current load forecast (load forecast for 2022).

SPPCRC Factors for 2022

Q. Please summarize the total proposed storm protection costs for the period January 2021 through December 2022 and the annualized recovery factors applicable for the period January through December 2022 using the current approved cost of service.

A. Tampa Electric has estimated that the total storm protection jurisidictionalized revenue requirements, including adjustment by the revenue tax factor during the period will be $47,955,157. The January through December 2022 cost recovery factors allocated based upon the

company's 2013 Cost of Service Study prepared in Docket No. 20130040-EI, which was used for the company's current (non-SoBRA) base rate for firm retail rate classes are as follows:

Rate Schedule	Cost Recovery Factors (cents per kWh)
RS	0.291
GS and CS	0.292
GSD Optional – Secondary	0.197
GSD Optional – Primary	0.195
GSD Optional – Subtransmission	0.193
LS-1 and LS-2	0.514

Rate Schedule	Cost Recovery Factors (dollars per kW)
GSD – Secondary	0.84
GSD – Primary	0.83
GSD – Subtransmission	0.82
SBF – Secondary	0.84
SBF – Primary	0.83
SBF – Subtransmission	0.82
IS - Primary	0.11
IS - Subtransmission	0.11

Exhibit No. MRR-2, Summary of Cost Recovery Clause Calculation (Docket No. 20130040-EI, Cost of Service Methodology) page 35 details these estimates.

Q. Has Tampa Electric complied with the SPPCRC cost allocation methodology that used the allocation factors from Tampa Electric's 2013 Cost of Service Study prepared in Docket No. 20130040-EI, which was used for the company's current (non-SoBRA) base rate design?

A. Yes, it has.

Q. Please summarize the total proposed storm protection costs for the period January 2021 through December 2022 and the annualized recovery factors applicable for the period January through December 2022 using the proposed cost of service allocation in Docket No. 20210034-EI that is currently underway.

A. Tampa Electric has estimated that the total storm protection jurisidictionalized revenue requirements for the 2022 period, including adjustment by the revenue tax factor during the period will be $47,955,157. The January through December 2022 cost recovery factors allocated based upon the company's proposed 2021 Cost of

Service Study prepared in Docket No. 20210034-EI for firm retail rate classes are as follows:

Rate Schedule	Cost Recovery Factors (cents per kWh)
RS	0.310
GS and CS	0.249
GSD Optional – Secondary	0.190
GSD Optional – Primary	0.188
GSD Optional – Subtransmission	0.186
LS-1 and LS-2	0.229

Rate Schedule	Cost Recovery Factors (dollars per kW)
GSD – Secondary	0.80
GSD – Primary	0.79
GSD – Subtransmission	0.78
SBD – Secondary	0.80
SBD – Primary	0.79
SBD – Subtransmission	0.78
GSLD - Primary	0.69
GSLD - Subtransmission	0.05

Exhibit No. MRR-2, Summary of Cost Recovery Clause

Calculation (Docket No. 20210034-EI, Cost of Service Methodology) page 36 details these estimates.

Q. Are the factors that you provided above, the incremental increase that customers will see on their electric bills?

A. No, as described above, the 2020 Settlement Agreement includes a reduction of $15 million from base rates that started at the beginning of 2021.

Q. How much did this $15 million reduction to base rates lower base customers rates? Please provide for residential, general service demand and interruptible service rates.

A. This $15 million reduction of base rates provided the following base rate reduction at secondary service for residential and general service demand and at primary service for interruptible service rates as follows:

Rate Schedule	**"Reduction" in Base Rates (cents per kWh)**
RS	0.090

Rate Schedule	"Reduction" in Base Rates (dollars per kW)
GSD – Secondary	0.27
IS - Primary	0.06

Q. Going back to the sets of SPPCRC clause factors that you are proposing, would you provide the electric bill impact for these same rate classes for a typical customer bill?

A. Yes, using the same typical bill assumptions that were provided in the company's 2020-2029 Storm Protection Plan filing, the typical monthly electric bill increases for residential, general service demand at secondary service and at primary service for an interruptible service class customer are as follows:

Docket No. 20130040-EI, Cost of Service Methodology

Residential customer using 1,000 kWh: $2.91

Commercial customer using 1,000 kW of Demand at 60 percent load factor: $504

Industrial customer using 10,000 kW of Demand at 60 percent load factor: $660

Using similar typical bill assumptions that were provided in the company's 2020-2029 Storm Protection Plan filing, the typical monthly electric bill increases for residential, general service demand at secondary service and at primary service for an interruptible service class customer are as follows:

Docket No. 20210034-EI, Cost of Service Methodology

Residential customer using 1,000 kWh: $3.10

Commercial customer using 1,000 kW of Demand at 60 percent load factor: $414

Industrial customer using 10,000 kW of Demand at 60 percent load factor: $4,140

Q. Does this conclude your testimony?

A. Yes, it does.

EXHIBIT

OF

MARK R. ROCHE

STORM PROTECTION PLAN COSTS
PROJECTED

INDEX

TAMPA ELECTRIC COMPANY
STORM PROTECTION PLAN
BILLING DETERMINANTS AND ALLOCATION % BY RATE CLASS
JANUARY 2022 THROUGH DECEMBER 2022
PROJECTED
DOCKET NO. 20130040-EI, COST OF SERVICE METHODOLOGY

	BILLING DETERMINANTS		ALLOCATION FACTORS	
	MWh	kW	DISTRIBUTION	TRANSMISSION
RS (Tier 1, Tier 2, RSVP)	9,671,643		59.1870%	55.4154%
GS & CS	942,224		5.6709%	6.0893%
GSD, SBF		18,404,639	31.6964%	34.2096%
GSD Optional	365,943		1.4867%	1.6046%
IS		3,548,447	0.5405%	2.5863%
LS1, LS2	113,534		1.4185%	0.0948%
LTG-FAC	0		0.0000%	0.0000%

TRANSMISSION DEMAND SEPARATION FACTOR

FPSC Jurisdictional Factor	92.5763%
FERC Jurisdictional Factor	7.4237%

TAMPA ELECTRIC COMPANY
STORM PROTECTION PLAN
BILLING DETERMINANTS AND ALLOCATION % BY RATE CLASS
JANUARY 2022 THROUGH DECEMBER 2022
PROJECTED
DOCKET NO. 20210034-EI, COST OF SERVICE METHODOLOGY

	BILLING DETERMINANTS		ALLOCATION FACTORS	
	MWh	kW	DISTRIBUTION	TRANSMISSION
RS (Tier 1, Tier 2, RSVP)	9,671,643		63.0751%	59.2066%
GS & CS	942,224		4.8673%	5.0399%
GSD, SBD		16,082,425	26.4125%	28.3810%
GSD Optional	363,597		1.4234%	1.5295%
GSLDPR, SBLDPR		2,523,462	3.5893%	3.7220%
GSLDSU, SBLDSU		3,358,632	0.0000%	2.0817%
LS1, LS2	113,534		0.6325%	0.0393%
LTG-FAC	0		0.0000%	0.0000%

TRANSMISSION DEMAND SEPARATION FACTOR

FPSC Jurisdictional Factor	92.5763%
FERC Jurisdictional Factor	7.4237%

Docket No. 20130040-EI, Cost of Service Methodology

Storm Protection Program	Function	SPPCRC Revenue Requirement	RS (Tier 1, Tier 2, RSVP)	GS & CS	GSD, SBF	GSD Optional	IS	LS1, LS2	LTG-FAC	Total
Capital										
Distribution Lateral Undergrounding	Dist	$14,710,021	$8,706,417.23	$834,197.46	$4,662,544.95	$218,696.88	$79,501.87	$208,662.61	0	$14,710,021.00
Transmission Asset Upgrades	Trans Retail	$3,136,618	$1,738,169.16	$190,998.18	$1,073,025.56	$50,330.31	$81,120.84	$2,974.11	0	$3,136,618.17
Substation Extreme Weather Protection	Dist	$0	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	0	$0.00
Distribution Overhead Feeder Hardening	Dist	$3,623,049	$2,144,373.30	$205,461.18	$1,148,375.57	$53,864.61	$19,581.15	$51,393.19	0	$3,623,049.00
Transmission Access Enhancements	Trans Retail	$145,601	$80,685.51	$8,866.10	$49,809.66	$2,336.32	$3,765.62	$138.06	0	$145,601.26
O&M										
Distribution Vegetation Management - planned	Dist	$19,891,494	$11,773,174.64	$1,128,036.04	$6,304,884.60	$295,730.90	$107,505.69	$282,162.14	0	$19,891,494.00
Transmission Vegetation Management - planned	Trans Retail	$3,179,788	$1,762,091.73	$193,626.91	$1,087,793.70	$51,023.01	$82,237.32	$3,015.04	0	$3,179,787.72
Transmission Asset Upgrades	Trans Retail	$423,963	$234,940.48	$25,816.36	$145,036.02	$6,802.92	$10,964.74	$402.00	0	$423,962.52
Substation Extreme Weather Protection	Dist	$0	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	0	$0.00
Distribution Overhead Feeder Hardening	Dist	$662,549	$392,142.75	$37,572.80	$210,004.08	$9,850.25	$3,580.82	$9,398.30	0	$662,549.00
Distribution Infrastructure Inspections	Dist	$1,020,000	$603,707.20	$57,843.66	$323,303.13	$15,164.55	$5,512.70	$14,468.77	0	$1,020,000.00
Transmission Infrastructure Inspections	Trans Retail	$447,871	$248,189.62	$27,272.24	$153,215.12	$7,186.56	$11,583.08	$424.67	0	$447,871.29
SPP Planning & Common	Dist	$679,700	$402,293.91	$38,545.43	$215,440.33	$10,105.24	$3,673.51	$9,641.59	0	$679,700.00
Total		$47,920,653.96	$28,086,185.52	$2,748,236.36	$15,373,432.74	$721,091.55	$409,027.32	$582,680.47	$0.00	$47,920,653.96
Revenue Tax Factor		1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
Total with Revenue Tax Factor		$47,955,156.83	$28,106,407.57	$2,750,215.09	$15,384,501.61	$721,610.74	$409,321.82	$583,100.00	$0.00	$47,955,156.83
Billing Determinants			9,671,643	942,224	18,404,639	365,943	3,548,447	113,534	0	

After Taxes	RS (Tier 1, Tier 2, RSVP)	GS & CS	GSD, SBF	GSD Optional	IS	LS1, LS2	LTG-FAC
Charges (per kWh)	$0.002906	$0.002919		$0.001972		$0.005136	$0.000000
Charges (per kW)			$0.835903		$0.115352		

Clause Charges (per kWh)	RS (Tier 1, Tier 2, RSVP)	GS & CS		GSD Optional		LS1, LS2	LTG-FAC
Secondary	$0.002906	$0.002919		$0.001972		$0.005136	$0.000000
Primary				$0.001952			
Sub-Transmission				$0.001932			

Clause Charges (per kW)			GSD, SBF		IS		
Secondary			$0.835903				
Primary			$0.827544		$0.114199		
Sub-Transmission			$0.819185		$0.113045		

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Docket No. 20210034-EI, Cost of Service Methodology

Storm Protection Program	Function	SPPCRC Revenue Requirement	RS (Tier 1, Tier 2, RSVP)	GS & CS	GSD, SBD	GSD Optional	GSLDPR, SBLDPR	GSLDSU, SBLDSU	LS1, LS2	LTG-FAC	Total
Capital											
Distribution Lateral Undergrounding	Dist	$14,710,021	$9,278,356.54	$715,976.22	$3,885,290.52	$209,380.72	$527,981.54	$0.00	$93,035.47	0	$14,710,021.00
Transmission Asset Upgrades	Trans Retail	$3,136,618	$1,857,085.76	$158,083.60	$890,203.92	$47,973.64	$116,744.32	$65,294.82	$1,232.11	0	$3,136,618.17
Substation Extreme Weather Protection	Dist	$0	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	0	$0.00
Distribution Overhead Feeder Hardening	Dist	$3,623,049	$2,285,240.81	$176,343.52	$956,939.35	$51,570.06	$130,040.81	$0.00	$22,914.45	0	$3,623,049.00
Transmission Access Enhancements	Trans Retail	$145,601	$86,205.59	$7,338.21	$41,323.11	$2,226.93	$5,419.25	$3,030.97	$57.19	0	$145,601.26
O&M											
Distribution Vegetation Management - planned	Dist	$19,891,494	$12,546,574.43	$968,172.42	$5,253,849.27	$283,133.20	$713,958.30	$0.00	$125,806.38	0	$19,891,494.00
Transmission Vegetation Management - planned	Trans Retail	$3,179,788	$1,882,644.99	$160,259.32	$902,455.87	$48,633.91	$118,351.09	$66,193.48	$1,249.07	0	$3,179,787.72
Transmission Asset Upgrades	Trans Retail	$423,963	$251,013.90	$21,367.45	$120,324.85	$6,484.38	$15,779.80	$8,825.61	$166.54	0	$423,962.52
Substation Extreme Weather Protection	Dist	$0	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	0	$0.00
Distribution Overhead Feeder Hardening	Dist	$662,549	$417,903.27	$32,248.04	$174,996.04	$9,430.64	$23,780.63	$0.00	$4,190.38	0	$662,549.00
Distribution Infrastructure Inspections	Dist	$1,020,000	$643,365.75	$49,646.14	$269,407.93	$14,518.56	$36,610.50	$0.00	$6,451.12	0	$1,020,000.00
Transmission Infrastructure Inspections	Trans Retail	$447,871	$265,169.47	$22,572.43	$127,110.39	$6,850.06	$16,669.68	$9,323.31	$175.93	0	$447,871.29
SPP Planning & Common	Dist	$679,700	$428,721.27	$33,082.82	$179,526.05	$9,674.77	$24,396.23	$0.00	$4,298.85	0	$679,700.00
Total		$47,920,653.96	$29,942,281.78	$2,345,090.18	$12,801,427.30	$689,876.87	$1,729,732.15	$152,668.19	$259,577.50	$0.00	$47,920,653.96
Revenue Tax Factor		1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
Total with Revenue Tax Factor		$47,955,156.83	$29,963,840.22	$2,346,778.65	$12,810,644.33	$690,373.58	$1,730,977.55	$152,778.11	$259,764.40	$0.00	$47,955,156.83
Billing Determinants			9,671,643	942,224	16,082,425	363,597	2,523,462	3,358,632	113,534	0	

After Taxes	RS (Tier 1, Tier 2, RSVP)	GS & CS	GSD, SBD	GSD Optional	GSLDPR, SBLDPR	GSLDSU, SBLDSU	LS1, LS2	LTG-FAC
Charges (per kWh)	$0.003098	$0.002491		$0.001899			$0.002288	$0.000000
Charges (per kW)			$0.796562		$0.685953	$0.045488		

Clause Charges (per kWh)	RS (Tier 1, Tier 2, RSVP)	GS & CS		GSD Optional			LS1, LS2	LTG-FAC
Secondary	$0.003098	$0.002491		$0.001899			$0.002288	$0.000000
Primary				$0.001880				
Sub-Transmission				$0.001861				

Clause Charges (per kW)			GSD, SBD		GSLDPR, SBLDPR	GSLDSU, SBLDSU		
Secondary			$0.796562					
Primary			$0.788596		$0.685953			
Sub-Transmission			$0.780631			$0.045488		

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Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
Projected Period: January through December 2022

Form P-1
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Summary of Projected Period Recovery Amount
(in Dollars)

Line		Demand ($)	Energy ($)	Total ($)
1.	Total Jurisdictional Revenue Requirements for the Projected Period			
a.	Vegetation Management O&M Programs (Form P-2, Lines 13.a thru 13.c)	$ 24,504,957	$ -	$ 24,504,957
b.	Asset Upgrade O&M Programs (Form P-2, Line 13.d)	$ 423,963	$ -	$ 423,963
c.	Substation Protection O&M Programs (Form P-2, Line 13.e)	$ -	$ -	$ -
d.	Overhead Feeder Hardening O&M Programs (Form P-2, Line 13.f)	$ 662,549	$ -	$ 662,549
e.	Transmission Access O&M Programs (Form P-2, Line 13.g)	$ -	$ -	$ -
f.	Infrastructure Inspections O&M Programs (Form P-2, Lines 13.h thru 13.i)	$ 1,467,871	$ -	$ 1,467,871
g.	Common SPP O&M Programs (Form P-2, Line 13.j)	$ 679,700	$ -	$ 679,700
h.	Distribution Lateral Undergrounding Capital Program (Form P-3, Line 1)	$ 14,710,021	$ -	$ 14,710,021
i.	Transmission Asset Upgrades Capital Program (Form P-3, Line 2)	$ 3,136,618	$ -	$ 3,136,618
j.	Substation Extreme Weather Capital Program (Form P-3, Line 3)	$ -	$ -	$ -
k.	Distribution Overhead Feeder Hardening Capital Program (Form P-3, Line 4)	$ 3,623,049	$ -	$ 3,623,049
l.	Transmission Access Enhancement Capital Program (Form P-3, Line 5)	$ 145,601	$ -	$ 145,601
m.	Total Projected Period Revenue Requirement	$ 49,354,329	$ -	$ 49,354,329
2.	Estimated True up of Over/(Under) Recovery for the Current Period (SPPCRC Form E-1, Line 5c)	$ 443,115	$ -	$ 443,115
3.	Final True Up of Over/(Under) Recovery for the Prior Period (SPPCRC Form A-1, Line 5c)	$ 990,560	$ -	$ 990,560
4.	Jurisdictional Amount to Recovered/(Refunded) (Line 1m - Line 2 - Line 3)	$ 47,920,654	$ -	$ 47,920,654
5.	Jurisdictional Amount to Recovered/(Refunded) Adjusted for Taxes	$ 47,955,157	$ -	$ 47,955,157
	Revenue Tax Multiplier: 1.00072			

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
Projected Period: January through December 2022

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

Line	O&M Activities	T/D	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total	Method of Classification Demand %	Method of Classification Energy %
1.	Vegetation Management Programs																
	1. Distribution Vegetation Management - Planned	D	1,763,474	1,763,274	1,763,324	1,763,274	1,763,424	1,763,674	1,763,424	1,763,274	1,763,324	1,763,274	1,763,424	1,763,524	21,160,688	100%	0%
	2. Transmission Vegetation Management - Planned	T	301,037	301,037	301,037	301,037	301,037	301,037	301,037	301,037	301,037	301,037	301,037	301,038	3,612,445	100%	0%
	3. Transmission Vegetation Management - ROW	T	-	-	-	-	-	-	-	-	-	-	-	-	0	100%	0%
1.a	Adjustments														0	100%	0%
1.b	Subtotal of Vegetation Management Programs		2,064,511	2,064,311	2,064,361	2,064,311	2,064,461	2,064,711	2,064,461	2,064,311	2,064,361	2,064,311	2,064,461	2,064,562	24,773,133		
2	Asset Upgrade Programs																
	1. Transmission Asset Upgrades	T	35,213	31,201	27,055	41,679	44,814	44,798	43,240	47,458	44,182	43,907	29,404	25,009	457,960	100%	0%
2.a	Adjustments														0	100%	0%
2.b	Subtotal of Asset Upgrade programs		35,213	31,201	27,055	41,679	44,814	44,798	43,240	47,458	44,182	43,907	29,404	25,009	457,960		
3	Substation Protection Programs																
	1. Substation Extreme Weather Protection	D	0	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%
3.a	Adjustments														0	100%	0%
3.b	Subtotal of Substation Protection Programs		0	0	0	0	0	0	0	0	0	0	0	0	0		
4.	Overhead Feeder Hardening Programs																
	1. Distribution Overhead Feeder Hardening	D	35,724	63,786	76,432	82,370	88,276	78,598	25,932	30,839	17,973	55,859	54,760	52,000	662,549	100%	0%
4.a	Adjustments														0	100%	0%
4.b	Subtotal of Overhead Feeder Hardening Programs		35,724	63,786	76,432	82,370	88,276	78,598	25,932	30,839	17,973	55,859	54,760	52,000	662,549		
5.	Transmission Access Programs																
	1. Transmission Access Enhancement	T	0	0	0	0	0	0	0	0	0	0	0	0	0	100%	0%
5.a.	Adjustments														0	100%	0%
5.b.	Subtotal of Transmission Access Programs		0	0	0	0	0	0	0	0	0	0	0	0	0		
6.	Infrastructure Inspection Programs																
	1. Distribution Infrastructure Inspections	D	146,100	146,100	146,100	146,100	146,100	145,500	144,000	0	0	0	0	0	1,020,000	100%	0%
	2. Transmission Infrastructure Inspections	T	24,031	29,088	30,087	57,207	104,028	81,058	28,330	27,291	23,873	28,257	25,302	25,234	483,786	100%	0%
6.a.	Adjustments														0	100%	0%
6.b.	Subtotal of Infrastructure Inspection Programs		170,131	175,188	176,187	203,307	250,128	226,558	172,330	27,291	23,873	28,257	25,302	25,234	1,503,786		
7.	Common SPP Programs																
	1. Common O&M	D	54,850	65,850	55,250	55,150	57,050	54,950	54,850	58,250	58,950	54,850	54,850	54,850	679,700	100%	0%
7.a.	Adjustments														0	100%	0%
7.b.	Subtotal of Common SPP Programs		54,850	65,850	55,250	55,150	57,050	54,950	54,850	58,250	58,950	54,850	54,850	54,850	679,700		
8.	Total of O&M Programs		2,360,429	2,400,337	2,399,285	2,446,818	2,504,729	2,469,615	2,360,814	2,228,148	2,209,338	2,247,184	2,228,777	2,221,655	28,077,128		
	a. Total Distribution O&M Programs		2,000,148	2,039,010	2,041,106	2,046,894	2,054,850	2,042,722	1,988,206	1,852,363	1,840,247	1,873,983	1,873,034	1,870,374	23,522,937		
	b. Total Transmission O&M Programs		360,281	361,327	358,179	399,924	449,879	426,893	372,608	375,785	369,091	373,201	355,743	351,281	4,554,192		
9.	Allocation of O&M Costs																
	a. Distribution O&M Allocated to Demand		2,000,148	2,039,010	2,041,106	2,046,894	2,054,850	2,042,722	1,988,206	1,852,363	1,840,247	1,873,983	1,873,034	1,870,374	23,522,937		
	b. Transmission O&M Allocated to Demand		360,281	361,327	358,179	399,924	449,879	426,893	372,608	375,785	369,091	373,201	355,743	351,281	4,554,192		
	c. Distribution O&M Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0		
	d. Transmission O&M Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0		
10.	Retail Jurisdictional Factors																
	a. Distribution Demand Jurisdictional Factor		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000			
	b. Transmission Demand Jurisdictional Factor		0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322			
	c. Distribution Energy Jurisdictional Factor		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000			
	d. Transmission Energy Jurisdictional Factor		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000			
11.	Jurisdictional Revenue Requirements																
	a. Jurisdictional Distribution Demand Revenue Requirement		2,000,148	2,039,010	2,041,106	2,046,894	2,054,850	2,042,722	1,988,206	1,852,363	1,840,247	1,873,983	1,873,034	1,870,374	23,522,937		
	b. Jurisdictional Transmission Demand Revenue Requirement		333,535	334,503	331,589	370,235	416,481	395,202	344,947	347,888	341,691	345,496	329,334	325,203	4,216,103		
	c. Jurisdictional Distribution Energy Revenue Requirement		-	-	-	-	-	-	-	-	-	-	-	-	-		
	d. Jurisdictional Transmission Energy Revenue Requirement		-	-	-	-	-	-	-	-	-	-	-	-	-		
12.	Total Jurisdictional O&M Revenue Requirements		2,333,683	2,373,513	2,372,695	2,417,129	2,471,331	2,437,924	2,333,153	2,200,251	2,181,938	2,219,479	2,202,368	2,195,577	27,739,040		
13	Jurisdictional Demand Revenue Requirements by Program																
	a. Distribution Vegetation Management - Planned		1,763,474	1,763,274	1,763,324	1,763,274	1,763,424	1,763,674	1,763,424	1,763,274	1,763,324	1,763,274	1,763,424	1,763,525	21,160,688		
	b. Transmission Vegetation Management - Planned		278,689	278,689	278,689	278,689	278,689	278,689	278,689	278,689	278,689	278,689	278,689	278,690	3,344,269		
	c. Transmission Vegetation Management - ROW		0	0	0	0	0	0	0	0	0	0	0	0	0		
	d. Trans Asset Upgrade O&M Programs		32,599	28,885	25,046	38,585	41,487	41,473	40,030	43,935	40,902	40,647	27,221	23,152	423,963		
	e. Substation Protection O&M Programs		0	0	0	0	0	0	0	0	0	0	0	0	0		
	f. Overhead Feeder Hardening Programs		35,724	63,786	76,432	82,370	88,276	78,598	25,932	30,839	17,973	55,859	54,760	52,000	662,549		
	g. Transmission Access O&M Programs		0	0	0	0	0	0	0	0	0	0	0	0	0		
	h. Distr. Infrastructure Inspections		146,100	146,100	146,100	146,100	146,100	145,500	144,000	0	0	0	0	0	1,020,000		
	i. Trans. Infrastructure Inspections		22,247	26,929	27,854	52,960	96,305	75,040	26,227	25,265	22,100	26,159	23,424	23,361	447,871		
	j. Common SPP O&M		54,850	65,850	55,250	55,150	57,050	54,950	54,850	58,250	58,950	54,850	54,850	54,850	679,700		
			2,333,683	2,373,513	2,372,695	2,417,129	2,471,331	2,437,924	2,333,153	2,200,251	2,181,938	2,219,479	2,202,368	2,195,577	27,739,040		

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Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
Projected Period: January through December 2022
Project Listing by Each O&M Program

Line	O&M Activities	T or D
1.	Vegetation Management O&M Programs	
	1.1 Distribution Vegetation Management - Planned	
	1.1.1 PRE - Dist Line - Tree Trimming - Planned	D
	1.1.2 Dist SPP Supplemental	D
	1.1.3 Dist SPP Mid-Cycle	D
	1.2 Transmission Vegetation Management - Planned	
	1.2.1 PRE - ROW Clearance	T
	1.2.2 PRE - Trans Line - Tree Trimming/Removals - Planned	T
	1.2.3 Trans SPP 69kV Reclamation	T
2.	Asset Upgrade O&M Programs	
	2.1 Transmission Asset Upgrades	
	2.1.1 SPP TAU - Circuit 66654	T
	2.1.2 SPP TAU - Circuit 66840	T
	2.1.3 SPP TAU - Circuit 66007	T
	2.1.4 SPP TAU - Circuit 66019	T
	2.1.5 SPP TAU - Circuit 66425	T
	2.1.6 SPP TAU - Circuit 230403	T
	2.1.7 SPP TAU - Circuit 66413	T
	2.1.8 SPP TAU - Circuit 66046	T
	2.1.9 SPP TAU - Circuit 66059	T
	2.1.10 SPP TAU - Circuit 230008	T
	2.1.11 SPP TAU - Circuit 230010	T
	2.1.12 SPP TAU - Circuit 230038	T
	2.1.13 SPP TAU - Circuit 230003	T
	2.1.14 SPP TAU - Circuit 230005	T
	2.1.15 SPP TAU - Circuit 230004	T
	2.1.16 SPP TAU - Circuit 230625	T
	2.1.17 SPP TAU - Circuit 230021	T
	2.1.18 SPP TAU - Circuit 230052	T
	2.1.19 SPP TAU - Circuit 66024	T
	2.1.20 SPP TAU - Circuit 230608	T
	2.1.21 SPP TAU - Circuit 230603	T
	2.1.22 SPP TAU - Circuit 66407	T
	2.1.23 SPP TAU - Circuit 66033	T
	2.1.24 SPP TAU - Circuit 66016	T
	2.1.25 SPP TAU - Circuit 66427	T
	2.1.26 SPP TAU - Circuit 66415	T
	2.1.27 SPP TAU - Circuit 66834	T
	2.1.28 SPP TAU - Circuit 66022	T
	2.1.29 SPP TAU - Circuit 66060	T
	2.1.30 SPP TAU - Circuit 66048	T
	2.1.31 SPP TAU - Circuit 66031	T
	2.1.32 SPP TAU - Circuit 66036	T
	2.1.33 SPP TAU - Circuit 230402	T
	2.1.34 SPP TAU - Circuit 230412	T
	2.1.35 SPP TAU - Circuit 230602	T
	2.1.36 SPP TAU - Circuit 230012	T
	2.1.37 SPP TAU - Circuit 230606	T
	2.1.38 SPP TAU - Circuit 230033	T
	2.1.39 SPP TAU - Circuit 230609	T
	2.1.40 SPP TAU - Circuit 230013	T
	2.1.41 SPP TAU - Circuit 66030	T
	2.1.42 SPP TAU - Circuit 66025	T
	2.1.43 SPP TAU - Circuit 66020	T
	2.1.44 SPP TAU - Circuit 66027	T

2.1.45	SPP TAU - Circuit 66008	T
2.1.46	SPP TAU - Circuit 66001	T
2.1.47	SPP TAU - Circuit 66045	T
2.1.48	SPP TAU - Circuit 66026	T
2.1.49	SPP TAU - Circuit 230006	T
2.1.50	SPP TAU - Circuit 66021	T
2.1.51	SPP TAU - Circuit 66028	T
2.1.52	SPP TAU - Circuit 66032	T
2.1.53	SPP TAU - Circuit 66017	T
2.1.54	SPP TAU - Circuit 66011	T
2.1.55	SPP TAU - Circuit 66047	T
2.1.56	SPP TAU - Circuit 66436	T
2.1.57	SPP TAU - Circuit 66098	T
2.1.58	SPP TAU - Circuit 230020	T
2.1.59	SPP TAU - Circuit 230623	T
2.1.60	SPP TAU - Circuit 230604	T
2.1.61	SPP TAU - Circuit 66035	T
3. Substation Protection O&M Programs		
3.1 Substation Extreme Weather Protection		
3.1.1	SPP SEW O&M - Sub Dist	D
3.1.2	SPP SEW O&M - Sub Trans	D
4 Overhead Feeder Hardening O&M Programs		
4.1 Distribution Overhead Feeder Hardening		
4.1.1	SPP FH - E Winterhaven 13308	D
4.1.2	SPP FH - Knights 13807	D
4.1.3	SPP FH - Knights 13805	D
4.1.4	SPP FH - Casey Road 13745	D
4.1.5	SPP FH – Coolidge 13533 – OH Feeder	D
4.1.6	SPP FH - Clarkwild 13461 -OH Feeder	D
4.1.7	SPP FH - Fishhawk 14121 - OH Feeder	D
4.1.8	SPP FH - Lake Magdalene 13939	D
4.1.9	SPP FH - Ehrlich 13890	D
4.1.10	SPP FH - 13443	D
4.1.11	SPP FH - Brandon 13227	D
4.1.12	SPP FH - Alexander Rd 13462 -OH Feed	D
4.1.13	SPP FH - Pine Lake N 13633	D
4.1.14	SPP FH - 13148	D
4.1.15	SPP FH - 13048	D
4.1.16	SPP FH - 13094	D
4.1.17	SPP FH - 13770	D
4.1.18	SPP FH - 13118	D
4.1.19	SPP FH - 13296	D
4.1.20	SPP FH - 13989	D
4.1.21	SPP FH - 13984	D
4.1.22	SPP FH - 14123	D
4.1.23	SPP FH - Yukon 13101	D
4.1.24	SPP FH - McFarland 13104	D
4.1.25	SPP FH - Manhattan 13111	D
4.1.26	SPP FH - East Winter Haven 13309	D
4.1.27	SPP FH - 13313	D
4.1.28	SPP FH - 13314	D
4.1.29	SPP FH - 13339	D
4.1.30	SPP FH - 13433	D
4.1.31	SPP FH - 13808	D
4.1.32	SPP FH - 13964	D
4.1.33	SPP FH - 14094	D
4.1.34	SPP FH - 13651	D
4.1.35	SPP FH - 13346	D
4.1.36	SPP FH - 13312	D

5	Transmission Access O&M Programs		
	5.1	Transmission Access Enhancement	
		5.1.1 none	T
6	Infrastructure Inspection O&M Programs		
	6.1	Distribution Infrastructure Inspections	
		6.1.1 PRE - Dist Line - Pole Inspection Program	D
	6.2	Transmission Infrastructure Inspections	
		6.2.1 PRE - Trans Line - Routine Patrols	T
		6.2.2 PRE - Trans Line - Above-Ground Inspections	T
		6.2.3 PRE - Trans Line - Infared Inspections	T
		6.2.4 PRE - Trans Line - Pole Inspection Program	T
		6.2.5 PRE - Substation - Transmission - Inspection, Test	T
		6.2.6 PRE - Substation - Transmission - Inspect, Test - GSU	T
7	Common SPP O&M Programs		
	7.1	Common O&M Programs	
		7.1.1 SPP Common O&M - ED	D
		7.1.2 SPP Common O&M - Regulatory	D
		7.1.3 Planning & Admin	D

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
Projected Period: January through December 2022

Form P-3
Page 1 of 1

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

Line	Capital Investment Activities	T/D	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Distribution Lateral Undergrounding Program	D	$ 815,624	$ 861,195	$ 925,234	$ 1,006,526	$ 1,091,568	$ 1,183,498	$ 1,277,777	$ 1,370,991	$ 1,459,903	$ 1,531,090	$ 1,579,364	$ 1,607,251	$ 14,710,021
1.a.	Adjustments	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1.b.	Subtotal of Distribution Lateral Undergrounding Program	D	$ 815,624	$ 861,195	$ 925,234	$ 1,006,526	$ 1,091,568	$ 1,183,498	$ 1,277,777	$ 1,370,991	$ 1,459,903	$ 1,531,090	$ 1,579,364	$ 1,607,251	$ 14,710,021
1.c.	Jurisdictional Demand Revenue Requirements		$ 815,624	$ 861,195	$ 925,234	$ 1,006,526	$ 1,091,568	$ 1,183,498	$ 1,277,777	$ 1,370,991	$ 1,459,903	$ 1,531,090	$ 1,579,364	$ 1,607,251	$ 14,710,021
1.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2	Transmission Asset Upgrades Program	T	$ 221,886	$ 229,191	$ 235,770	$ 250,436	$ 262,595	$ 273,448	$ 287,245	$ 297,313	$ 317,023	$ 328,734	$ 336,465	$ 348,037	$ 3,388,143
2.a.	Adjustments	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2.b.	Subtotal of Transmission Asset Upgrades Program	T	$ 221,886	$ 229,191	$ 235,770	$ 250,436	$ 262,595	$ 273,448	$ 287,245	$ 297,313	$ 317,023	$ 328,734	$ 336,465	$ 348,037	$ 3,388,143
2.c.	Jurisdictional Demand Revenue Requirements		$ 205,414	$ 212,177	$ 218,267	$ 231,844	$ 243,101	$ 253,148	$ 265,921	$ 275,241	$ 293,488	$ 304,330	$ 311,487	$ 322,200	$ 3,136,618
2.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3	Substation Extreme Weather Program	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.a.	Adjustments	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.b.	Subtotal of Substation Extreme Weather Program	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.c.	b Jurisdictional Demand Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.d.	a Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	Distribution Overhead Feeder Hardening Program	D	$ 195,856	$ 214,020	$ 233,080	$ 254,617	$ 271,627	$ 289,718	$ 308,139	$ 319,398	$ 332,565	$ 354,655	$ 414,876	$ 434,498	$ 3,623,049
4.a.	Adjustments	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4.b.	Subtotal of Distribution Overhead Feeder Hardening Program	D	$ 195,856	$ 214,020	$ 233,080	$ 254,617	$ 271,627	$ 289,718	$ 308,139	$ 319,398	$ 332,565	$ 354,655	$ 414,876	$ 434,498	$ 3,623,049
4.c.	Jurisdictional Demand Revenue Requirements		$ 195,856	$ 214,020	$ 233,080	$ 254,617	$ 271,627	$ 289,718	$ 308,139	$ 319,398	$ 332,565	$ 354,655	$ 414,876	$ 434,498	$ 3,623,049
4.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Transmission Access Enhancement Program	T	$ 9,460	$ 9,775	$ 10,089	$ 10,480	$ 10,947	$ 11,630	$ 12,404	$ 13,487	$ 14,892	$ 16,192	$ 17,711	$ 20,210	$ 157,277
5.a.	Adjustments	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5.b.	Subtotal of Transmission Access Enhancement Program	T	$ 9,460	$ 9,775	$ 10,089	$ 10,480	$ 10,947	$ 11,630	$ 12,404	$ 13,487	$ 14,892	$ 16,192	$ 17,711	$ 20,210	$ 157,277
5.c.	Jurisdictional Demand Revenue Requirements		$ 8,758	$ 9,049	$ 9,340	$ 9,702	$ 10,134	$ 10,767	$ 11,483	$ 12,486	$ 13,786	$ 14,990	$ 16,396	$ 18,710	$ 145,601
5.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	Retail Jurisdictional Factors														
6.a.	Distribution Demand Jurisdictional Factor		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	
6.b.	Transmission Demand Jurisdictional Factor		0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	
6.c.	Distribution Energy Jurisdictional Factor		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
6.d.	Transmission Energy Jurisdictional Factor		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
7	Total of Capital Investment Programs		$ 1,242,826	$ 1,314,181	$ 1,404,173	$ 1,522,059	$ 1,636,737	$ 1,758,294	$ 1,885,565	$ 2,001,189	$ 2,124,383	$ 2,230,671	$ 2,348,416	$ 2,409,996	$ 21,878,490
7.a.	Jurisdictional Distribution Demand Revenue Requirements		$ 1,011,480	$ 1,075,215	$ 1,158,314	$ 1,261,143	$ 1,363,195	$ 1,473,216	$ 1,585,916	$ 1,690,389	$ 1,792,468	$ 1,885,745	$ 1,994,240	$ 2,041,749	$ 18,333,070
7.b.	Jurisdictional Transmission Demand Revenue Requirements		$ 214,172	$ 221,226	$ 227,607	$ 241,546	$ 253,235	$ 263,915	$ 277,404	$ 287,727	$ 307,275	$ 319,320	$ 327,883	$ 340,910	$ 3,282,219
7.c.	Total Jurisdictional Demand Revenue Requirements		$ 1,225,652	$ 1,296,441	$ 1,385,921	$ 1,502,689	$ 1,616,430	$ 1,737,131	$ 1,863,320	$ 1,978,116	$ 2,099,743	$ 2,205,065	$ 2,322,123	$ 2,382,659	$ 21,615,289

Notes:
Jurisdictional Energy and Demand Revenue Requirements are calculated on the detailed P-3 tabs.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20210010-EI
EXHIBIT NO. MRR-2
DOCUMENT NO. 5
WITNESS: ROCHE
PAGE 6 OF 31
FILED: 05/03/2021
REVISED: 05/10/2021

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
January 2022 to December 2022

Form P-7
Total p1-5

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		$9,487,514	$11,033,578	$14,780,084	$14,390,968	$16,197,597	$16,238,759	$15,653,353	$15,513,495	$14,322,233	$12,729,091	$8,246,344	$5,567,164	$154,160,180
	b. Clearings to Plant		$619,665	$767,955	$13,717,831	$9,481,999	$11,653,281	$14,862,413	$11,158,439	$18,310,180	$14,376,196	$28,466,904	$10,779,726	$23,968,030	$158,162,619
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base	$107,156,904	107,776,568	108,544,523	122,262,354	131,744,353	143,397,634	158,260,047	169,418,486	187,728,667	202,104,863	230,571,767	241,351,493	265,319,523	
3.	Less: Net Accumulated Depreciation	(649,301)	(784,216)	(919,564)	(1,055,450)	(1,208,070)	(1,369,343)	(1,539,737)	(1,726,960)	(1,921,995)	(2,137,170)	(2,365,449)	(2,639,775)	(2,929,289)	
4.	CWIP - Non-Interest Bearing	24,689,058	33,556,908	43,822,531	44,884,784	49,793,753	54,338,069	55,714,415	60,209,328	57,412,643	57,358,679	41,620,867	39,087,486	20,686,619	
5.	Net Investment (Lines 2 + 3 + 4)	$131,196,661	140,549,260	151,447,489	166,091,687	180,330,036	196,366,360	212,434,725	227,900,854	243,219,315	257,326,372	269,827,184	277,799,203	283,076,852	
6.	Average Net Investment		135,872,960	145,998,375	158,769,588	173,210,862	188,348,197	204,400,542	220,167,790	235,560,085	250,272,844	263,576,778	273,813,194	280,438,028	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		766,538	823,662	895,712	977,184	1,062,581	1,153,142	1,242,096	1,328,933	1,411,936	1,486,991	1,544,739	1,582,114	14,275,628
	b. Debt Component Grossed Up For Taxes (B)		185,161	198,959	216,363	236,043	256,671	278,547	300,034	321,010	341,060	359,189	373,139	382,166	3,448,342
			951,699	1,022,621	1,112,075	1,213,227	1,319,252	1,431,689	1,542,130	1,649,943	1,752,996	1,846,180	1,917,878	1,964,280	17,723,970
8.	Investment Expenses														
	a. Depreciation (C)		269,136	270,479	272,143	305,970	327,354	352,826	389,642	413,819	456,276	489,471	577,269	604,854	4,729,239
	b. Depreciation Savings (D)		(134,222)	(135,130)	(136,257)	(153,350)	(166,081)	(182,433)	(202,419)	(218,785)	(241,101)	(261,191)	(302,943)	(315,340)	(2,449,251)
	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)		156,212	156,212	156,212	156,212	156,212	156,212	156,212	156,212	156,212	156,212	156,212	156,202	1,874,534
	F. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		1,242,826	1,314,181	1,404,173	1,522,059	1,636,737	1,758,294	1,885,565	2,001,189	2,124,383	2,230,671	2,348,416	2,409,996	21,878,490
	a. Recoverable Distribution Costs Allocated to Demand		1,242,826	1,314,181	1,404,173	1,522,059	1,636,737	1,758,294	1,885,565	2,001,189	2,124,383	2,230,671	2,348,416	2,409,996	21,878,490
	b. Recoverable Transmission Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Distribution Demand Jurisdictional Factor		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	
11.	Transmission Demand Jurisdictional Factor		0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	
13.	Retail Distribution Demand-Related Recoverable Costs (E)		1,011,480	1,075,215	1,158,314	1,261,143	1,363,195	1,473,216	1,585,916	1,690,389	1,792,468	1,885,745	1,994,240	2,041,749	18,333,070
12.	Retail Transmission Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$1,011,480	$1,075,215	$1,158,314	$1,261,143	$1,363,195	$1,473,216	$1,585,916	$1,690,389	$1,792,468	$1,885,745	$1,994,240	$2,041,749	$18,333,070

Notes:
(A) Line 6 x 6.7699% x 1/12 (Jan-Dec). Based on ROE of 10.75% and weighted income tax rate of 25.345% (expansion factor of 1.34315)
(B) Line 6 x 1.6353% 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 1.76%
(F) Line 9a x Line 10
(G) Line 9b x Line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
January 2022 to 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		$5,165,897	$7,826,891	$10,409,780	$10,950,191	$11,764,354	$12,413,199	$12,443,270	$12,112,543	$10,568,262	$7,440,503	$4,357,445	$2,623,702	$108,076,036
	b. Clearings to Plant		$619,665	$767,955	$9,828,528	$8,473,639	$11,061,310	$11,095,886	$11,158,439	$14,482,295	$12,633,259	$11,053,795	$6,098,700	$11,868,679	$109,142,151
	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	$74,003,705	74,623,369	75,391,324	85,219,853	93,693,492	104,754,802	115,850,688	127,009,127	141,491,422	154,124,682	165,178,476	171,277,176	183,145,856	
3.	Less: Net Accumulated Depreciation	(234,054)	(285,856)	(338,093)	(390,867)	(450,521)	(516,106)	(589,435)	(670,530)	(759,436)	(858,480)	(966,368)	(1,081,993)	(1,201,887)	
4.	CWIP - Non-Interest Bearing	17,276,049	21,822,282	28,881,218	29,462,470	31,939,021	32,642,065	33,959,378	35,244,208	32,874,455	30,809,458	27,196,166	25,454,911	16,209,934	
5.	Net Investment (Lines 2 + 3 + 4)	$91,045,700	96,159,795	103,934,449	114,291,455	125,181,992	136,880,761	149,220,631	161,582,805	173,606,441	184,075,659	191,408,275	195,650,095	198,153,903	
6.	Average Net Investment		93,602,747	100,047,122	109,112,952	119,736,724	131,031,376	143,050,696	155,401,718	167,594,623	178,841,050	187,741,967	193,529,185	196,901,999	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		528,068	564,424	615,570	675,505	739,224	807,032	876,712	945,499	1,008,947	1,059,162	1,091,811	1,110,839	10,022,793
	b. Debt Component Grossed Up For Taxes (B)		127,557	136,339	148,694	163,171	178,563	194,942	211,774	228,390	243,716	255,845	263,732	268,328	2,421,051
			655,625	700,763	764,264	838,676	917,787	1,001,974	1,088,486	1,173,889	1,252,663	1,315,007	1,355,543	1,379,167	12,443,844
8.	Investment Expenses														
	a. Depreciation (C)		160,341	161,684	163,348	184,643	203,003	226,969	251,010	275,186	306,565	333,937	357,887	371,101	2,995,673
	b. Depreciation Savings (D)		(108,539)	(109,448)	(110,574)	(124,989)	(137,417)	(153,640)	(169,914)	(186,280)	(207,521)	(226,050)	(242,262)	(251,207)	(2,027,840)
	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)		108,196	108,196	108,196	108,196	108,196	108,196	108,196	108,196	108,196	108,196	108,196	108,190	1,298,346
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		815,624	861,195	925,234	1,006,526	1,091,568	1,183,498	1,277,777	1,370,991	1,459,903	1,531,090	1,579,364	1,607,251	14,710,021
	a. Recoverable Costs Allocated to Demand		815,624	861,195	925,234	1,006,526	1,091,568	1,183,498	1,277,777	1,370,991	1,459,903	1,531,090	1,579,364	1,607,251	14,710,021
	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)		815,624	861,195	925,234	1,006,526	1,091,568	1,183,498	1,277,777	1,370,991	1,459,903	1,531,090	1,579,364	1,607,251	14,710,021
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)		$815,624	$861,195	$925,234	$1,006,526	$1,091,568	$1,183,498	$1,277,777	$1,370,991	$1,459,903	$1,531,090	$1,579,364	$1,607,251	$14,710,021

Notes:
(A) Line 6 x 6.7699% x 1/12 (Jan-Dec). Based on ROE of 10.75% and weighted income tax rate of 25.345% (expansion factor of 1.34315)
(B) Line 6 x 1.6353% x 1/12 (Jan-Dec).
(C) Applicable depreciation group for additions is 367.0 and applicable depreciation rate is 3.0%
(D) Applicable depreciation group for retirements is 364.0 and applicable depreciation savings rate is 4.4%
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
January 2022 to December 2022

Return on Capital Investments, Depreciation and Taxes
For Program: Transmission Asset Upgrades
(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		$1,135,910	$1,052,784	$928,842	$1,368,940	$1,445,620	$1,445,106	$1,425,938	$1,581,957	$1,425,215	$1,416,352	$948,514	$809,591	$14,984,767
	b. Clearings to Plant		$0	$0	$2,593,802	$1,008,360	$430,000	$1,553,300	$0	$3,584,940	$852,570	$0	$2,217,890	$1,723,783	$13,964,645
	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	$19,012,315	19,012,315	19,012,315	21,606,117	22,614,477	23,044,477	24,597,777	24,597,777	28,182,717	29,035,287	29,035,287	31,253,177	32,976,960	
3.	Less: Net Accumulated Depreciation	(251,572)	(303,084)	(354,597)	(406,109)	(464,625)	(525,863)	(588,262)	(654,855)	(721,448)	(797,720)	(876,295)	(954,869)	(1,039,432)	
4.	CWIP - Non-Interest Bearing	1,092,825	2,228,735	3,281,518	1,616,558	1,977,138	2,992,758	2,884,564	4,310,502	2,307,518	2,880,164	4,296,516	3,027,139	2,112,947	
5.	Net Investment (Lines 2 + 3 + 4)	$19,853,568	20,937,965	21,939,236	22,816,566	24,126,990	25,511,372	26,894,079	28,253,424	29,768,787	31,117,730	32,455,508	33,325,447	34,050,475	
6.	Average Net Investment		20,395,766	21,438,601	22,377,901	23,471,778	24,819,181	26,202,725	27,573,751	29,011,106	30,443,259	31,786,619	32,890,477	33,687,961	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		115,064	120,948	126,247	132,418	140,019	147,825	155,560	163,669	171,748	179,327	185,554	190,053	1,828,432
	b. Debt Component Grossed Up For Taxes (B)		27,794	29,215	30,495	31,986	33,822	35,708	37,576	39,535	41,487	43,317	44,821	45,908	441,664
			142,858	150,163	156,742	164,404	173,841	183,533	193,136	203,204	213,235	222,644	230,375	235,961	2,270,096
8.	Investment Expenses														
	a. Depreciation (C)		57,121	57,121	57,121	64,902	67,927	69,217	73,877	73,877	84,632	87,190	87,190	93,843	874,020
	b. Depreciation Savings (D)		(5,609)	(5,609)	(5,609)	(6,387)	(6,689)	(6,818)	(7,284)	(7,284)	(8,360)	(8,616)	(8,616)	(9,281)	(86,160)
	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)		27,516	27,516	27,516	27,516	27,516	27,516	27,516	27,516	27,516	27,516	27,516	27,513	330,189
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		221,886	229,191	235,770	250,436	262,595	273,448	287,245	297,313	317,023	328,734	336,465	348,037	3,388,143
	a. Recoverable Costs Allocated to Demand		221,886	229,191	235,770	250,436	262,595	273,448	287,245	297,313	317,023	328,734	336,465	348,037	3,388,143
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Transmission Demand Jurisdictional Factor		0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	
11.	Transmission Energy Jurisdictional Factor		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
12.	Retail Transmission Demand-Related Recoverable Costs (F)		205,414	212,177	218,267	231,844	243,101	253,148	265,921	275,241	293,488	304,330	311,487	322,200	3,136,618
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)		$205,414	$212,177	$218,267	$231,844	$243,101	$253,148	$265,921	$275,241	$293,488	$304,330	$311,487	$322,200	$3,136,618

Notes:
(A) Line 6 x 6.7699% x 1/12 (Jan-Dec). Based on ROE of 10.75% and weighted income tax rate of 25.345% (expansion factor of 1.34315)
(B) Line 6 x 1.6353% x 1/12 (Jan-Dec).
(C) Applicable depreciation groups for additions are 355.0, 356.0, 364.0, 365.0, 367.0, and 369.0 and applicable depreciation rates are 3.6%, 3.3%, 4.4%, 2.6%, 2.6%, and 2.3% respectively
(D) Applicable depreciation groups for retirements are 355.0, 356.0, and 368.0 and applicable depreciation savings rates are 3.6%, 3.3%, and 5.3% respectively
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
January 2022 to December 2022

Return on Capital Investments, Depreciation and Taxes
For Program: Substation Extreme Weather Protection
(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	
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 6.7699% x 1/12 (Jan-Dec). Based on ROE of 10.75% and weighted income tax rate of 25.345% (expansion factor of 1.34315)
(B) Line 6 x 1.6353% x 1/12 (Jan-Dec).
(C) Applicable depreciation group for additions is TBD and applicable depreciation rate is TBD
(D) No retirements are anticipated for this program
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
January 2022 to December 2022

Return on Capital Investments, Depreciation and Taxes
For Program: Distribution Overhead Feeder Hardening
(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		$3,140,802	$2,108,998	$3,396,558	$2,005,115	$2,920,901	$2,313,732	$1,629,382	$1,664,233	$2,173,993	$3,654,788	$2,722,938	$1,850,000	$29,581,441
	b. Clearings to Plant		$0	$0	$1,295,500	$0	$0	$2,213,227	$0	$0	$890,367	$17,413,110	$1,900,386	$9,561,370	$33,273,960
	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)	$14,140,884	14,140,884	14,140,884	15,436,384	15,436,384	15,436,384	17,649,612	17,649,612	17,649,612	18,539,979	35,953,088	37,853,474	47,414,844	
3.	Less: Net Accumulated Depreciation	(163,675)	(195,275)	(226,875)	(258,475)	(292,925)	(327,374)	(361,824)	(401,143)	(440,462)	(479,781)	(521,059)	(600,646)	(684,413)	
4.	CWIP - Non-Interest Bearing	4,992,048	8,132,850	10,241,848	12,342,906	14,348,021	17,268,922	17,369,427	18,998,809	20,663,043	21,946,669	8,188,347	9,010,899	1,299,530	
5.	Net Investment (Lines 2 + 3 + 4)	$18,969,257	22,078,459	24,155,857	27,520,815	29,491,481	32,377,932	34,657,214	36,247,278	37,872,192	40,006,866	43,620,376	46,263,728	48,029,960	
6.	Average Net Investment		20,523,858	23,117,158	25,838,336	28,506,148	30,934,706	33,517,573	35,452,246	37,059,735	38,939,529	41,813,621	44,942,052	47,146,844	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		115,787	130,417	145,769	160,820	174,521	189,092	200,007	209,076	219,681	235,895	253,544	265,983	2,300,592
	b. Debt Component Grossed Up For Taxes (B)		27,969	31,503	35,211	38,847	42,156	45,676	48,313	50,503	53,065	56,982	61,245	64,249	555,719
			143,756	161,920	180,980	199,667	216,677	234,768	248,320	259,579	272,746	292,877	314,789	330,232	2,856,311
8.	Investment Expenses														
	a. Depreciation (C)		51,674	51,674	51,674	56,424	56,424	56,424	64,539	64,539	64,539	67,804	131,652	138,620	855,989
	b. Depreciation Savings (D)		(20,074)	(20,074)	(20,074)	(21,974)	(21,974)	(21,974)	(25,220)	(25,220)	(25,220)	(26,526)	(52,065)	(54,853)	(335,251)
	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)		20,500	20,500	20,500	20,500	20,500	20,500	20,500	20,500	20,500	20,500	20,500	20,499	245,999
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		195,856	214,020	233,080	254,617	271,627	289,718	308,139	319,398	332,565	354,655	414,876	434,498	3,623,049
	a. Recoverable Costs Allocated to Demand		195,856	214,020	233,080	254,617	271,627	289,718	308,139	319,398	332,565	354,655	414,876	434,498	3,623,049
	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)		195,856	214,020	233,080	254,617	271,627	289,718	308,139	319,398	332,565	354,655	414,876	434,498	3,623,049
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)		$195,856	$214,020	$233,080	$254,617	$271,627	$289,718	$308,139	$319,398	$332,565	$354,655	$414,876	$434,498	$3,623,049

Notes:
(A) Line 6 x 6.7699% x 1/12 (Jan-Dec). Based on ROE of 10.75% and weighted income tax rate of 25.345% (expansion factor of 1.34315)
(B) Line 6 x 1.6353% x 1/12 (Jan-Dec).
(C) Applicable depreciation groups for additions are 364.0 and 362.0 and applicable depreciation rates are 4.4% and 2.5% respectively
(D) Applicable depreciation groups for retirements are364.0 and 362.0 and applicable depreciation savings rates are 4.4% and 2.5% respectively
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
January 2022 to 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		$44,905	$44,905	$44,905	$66,722	$66,722	$66,722	$154,763	$154,763	$154,763	$217,448	$217,448	$283,871	$1,517,936
	b. Clearings to Plant		$0	$0	$0	$0	$161,971	$0	$0	$242,945	$0	$0	$562,749	$814,199	$1,781,864
	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	161,971	161,971	161,971	404,916	404,916	404,916	967,665	1,781,864	
3.	Less: Net Accumulated Depreciation	0	0	0	0	0	0	(216)	(432)	(648)	(1,188)	(1,728)	(2,268)	(3,558)	
4.	CWIP - Non-Interest Bearing	1,328,137	1,373,041	1,417,946	1,462,851	1,529,573	1,434,324	1,501,046	1,655,809	1,567,627	1,722,390	1,939,838	1,594,536	1,064,208	
5.	Net Investment (Lines 2 + 3 + 4)	$1,328,137	1,373,041	1,417,946	1,462,851	1,529,573	1,596,295	1,662,801	1,817,348	1,971,895	2,126,117	2,343,025	2,559,934	2,842,514	
6.	Average Net Investment		1,350,589	1,395,494	1,440,399	1,496,212	1,562,934	1,629,548	1,740,075	1,894,621	2,049,006	2,234,571	2,451,480	2,701,224	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		7,619	7,873	8,126	8,441	8,817	9,193	9,817	10,689	11,560	12,607	13,830	15,239	123,811
	b. Debt Component Grossed Up For Taxes (B)		1,841	1,902	1,963	2,039	2,130	2,221	2,371	2,582	2,792	3,045	3,341	3,681	29,908
			9,460	9,775	10,089	10,480	10,947	11,414	12,188	13,271	14,352	15,652	17,171	18,920	153,719
8.	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	216	216	216	540	540	540	1,290	3,558
	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)		9,460	9,775	10,089	10,480	10,947	11,630	12,404	13,487	14,892	16,192	17,711	20,210	157,277
	a. Recoverable Costs Allocated to Demand		9,460	9,775	10,089	10,480	10,947	11,630	12,404	13,487	14,892	16,192	17,711	20,210	157,277
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Transmission Demand Jurisdictional Factor		0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	
11.	Transmission Energy Jurisdictional Factor		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
12.	Retail Transmission Demand-Related Recoverable Costs (F)		8,758	9,049	9,340	9,702	10,134	10,767	11,483	12,486	13,786	14,990	16,396	18,710	145,601
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)		$8,758	$9,049	$9,340	$9,702	$10,134	$10,767	$11,483	$12,486	$13,786	$14,990	$16,396	$18,710	$145,601

Notes:
(A) Line 6 x 6.7699% x 1/12 (Jan-Dec). Based on ROE of 10.75% and weighted income tax rate of 25.345% (expansion factor of 1.34315)
(B) Line 6 x 1.6353% x 1/12 (Jan-Dec).
(C) Applicable depreciation group for additions is 359.0 and applicable depreciation rate is 1.6%
(D) No retirements are anticipated for this program
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
Projected Period: January through December 2022
Project Listing by Each Capital Program

Line		Capital Activities	T or D
1	Distribution Lateral Undergrounding Program		
	1.1	LUG PCA 13390.92599119	D
	1.2	LUG PCA 13961.92829453	D
	1.3	LUG PCA 13724.90911087	D
	1.4	LUG PCA 13146.10629014	D
	1.5	LUG WHA 13972.92421291	D
	1.6	LUG WHA 13312.60182741	D
	1.7	LUG WHA 13972.90241880	D
	1.8	LUG PCA 13961.92820848	D
	1.9	LUG PCA 13961.60193482	D
	1.10	LUG PCA 13785.10676209	D
	1.11	LUG PCA 13462.60458175	D
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1.453	LUG WSA 13520.10242257	D
1.454	LUG WSA 13892.10338448	D
1.455	LUG WSA 13612.90312305	D
1.456	LUG WSA 13522.91947423	D
1.457	LUG WSA 13334.91645657	D
1.458	LUG WSA 13490.92815117	D
1.459	LUG WSA 13522.10392902	D
1.460	LUG WSA 14030.60341032	D
1.461	LUG WSA 13574.10250638	D
1.462	LUG WSA 13138.10145602	D
1.463	LUG WSA 13220.10191173	D
1.464	LUG WSA 13612.60022877	D
1.465	LUG WSA 13220.90901917	D
1.466	LUG WSA 13535.92983661	D
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1.468	LUG WSA 13669.92770538	D
1.469	LUG WSA 13208.90449608	D
1.470	LUG WSA 13079.60104344	D
1.471	LUG WSA 13575.90054924	D
1.472	LUG WSA 13750.60110680	D
1.473	LUG WSA 13198.10051875	D
1.474	LUG WSA 13612.92956326	D
1.475	LUG WSA 13514.91361858	D
1.476	LUG WSA 13522.10392905	D
1.477	LUG WSA 14030.92669942	D
1.478	LUG WSA 13483.10173513	D
1.479	LUG WSA 13612.60003135	D
1.480	LUG WSA 13071.93035682	D
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1.482	LUG WSA 13575.90054386	D
1.483	LUG WSA 13522.10392882	D
1.484	LUG WSA 13198.10051851	D
1.485	LUG WSA 14030.92670479	D
1.486	LUG WSA 13522.10392874	D
1.487	LUG WSA 13162.93124277	D
1.488	LUG WSA 13535.92969194	D
1.489	LUG WSA 13198.10051896	D
1.490	LUG WSA 13109.10846390	D
1.491	LUG WSA 13612.60002970	D
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1.493	LUG WSA 14030.92669080	D
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1.518	LUG WSA 14030.92669923	D
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1.520	LUG WSA 13522.60305720	D
1.521	LUG ESA 13686.93697046	D
1.522	LUG WHA 13118.10535995	D
1.523	LUG WHA 13313.10684581	D
1.524	SPP LUG General Costs	D
1.525	LUG WHA 13289.10566580	D
1.526	LUG WHA 13698.10595470	D
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1.530	LUG WHA 13698.10595500	D
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1.532	LUG WHA 13309.60166032	D
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1.543	LUG WHA 13370.92181604	D
1.544	LUG WHA 13473.60105326	D
1.545	LUG WHA 13289.10566566	D
1.546	LUG WHA 13313.10684584	D
1.547	LUG WHA 13370.60253106	D
1.548	LUG WHA 13118.92660079	D
1.549	LUG WHA 13296.10562342	D
1.550	LUG WHA 13473.10599416	D

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1.611	LUG PCA 13724.90295206	D
1.612	LUG PCA 13724.90295207	D
1.613	LUG PCA 13724.60503818	D
1.614	LUG PCA 13724.10671327	D
1.615	LUG PCA 13785.60398085	D
1.616	LUG PCA 13655.92356416	D
1.617	LUG PCA 13785.10667391	D
1.618	LUG PCA 13785.92051767	D
1.619	LUG PCA 13462.91382618	D
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1.627	LUG PCA 13655.91714169	D
1.628	LUG PCA 13655.92358234	D
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1.641	LUG ESA 13906.10097045	D
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1.644	LUG WSA 13358.10147354	D
1.645	LUG WSA 13142.10162073	D
1.646	LUG WSA 13207.10168329	D
1.647	LUG WSA 13191.10173491	D
1.648	LUG WSA 13191.10173494	D
1.649	LUG WSA 13191.10173500	D
1.650	LUG WSA 13191.10173518	D

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1.661	LUG WSA 13870.10320688	D
1.662	LUG WSA 14031.10340753	D
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1.670	LUG ESA 13229.10457713	D
1.671	LUG ESA 13686.10516414	D
1.672	LUG CSA 13840.10583638	D
1.673	LUG SHA 13001.10663251	D
1.674	LUG SHA 13001.10663258	D
1.675	LUG PCA 13724.10671224	D
1.676	LUG PCA 13724.10671287	D
1.677	LUG PCA 13268.10705847	D
1.678	LUG PCA 13268.10705883	D
1.679	LUG PCA 13268.10705889	D
1.680	LUG SHA 13817.10722371	D
1.681	LUG SHA 13817.10722388	D
1.682	LUG SHA 13817.10722416	D
1.683	LUG SHA 13817.10722429	D
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1.686	LUG SHA 14020.10742013	D
1.687	LUG SHA 14020.10742015	D
1.688	LUG PCA 13243.10791865	D
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1.692	LUG ESA 13686.10840134	D
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1.694	LUG SHA 13003.10895244	D
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1.696	LUG SHA 13003.10895259	D
1.697	LUG SHA 13003.10895266	D
1.698	LUG SHA 13342.10925106	D
1.699	LUG SHA 13342.10925119	D
1.700	LUG SHA 13342.10925137	D

1.701	LUG CSA 13090.60010026	D
1.702	LUG CSA 13094.60013838	D
1.703	LUG WSA 13613.60031838	D
1.704	LUG WSA 13405.60048514	D
1.705	LUG WSA 13358.60081731	D
1.706	LUG WSA 13059.60084637	D
1.707	LUG WSA 13510.60088567	D
1.708	LUG WSA 13533.60094069	D
1.709	LUG WSA 13334.60104341	D
1.710	LUG WSA 13740.60104604	D
1.711	LUG WSA 13358.60170521	D
1.712	LUG ESA 13229.60251639	D
1.713	LUG ESA 14109.60272365	D
1.714	LUG WSA 13865.60305740	D
1.715	LUG PCA 13722.60360859	D
1.716	LUG ESA 14114.60380731	D
1.717	LUG SHA 14020.60440052	D
1.718	LUG WSA 13191.60474882	D
1.719	LUG WSA 13358.60505673	D
1.720	LUG WSA 13740.60614298	D
1.721	LUG WSA 13217.60659922	D
1.722	LUG WSA 13754.90097474	D
1.723	LUG SHA 14024.90106483	D
1.724	LUG SHA 14024.90111178	D
1.725	LUG WSA 13207.90146008	D
1.726	LUG WSA 13208.90152415	D
1.727	LUG CSA 13630.90179103	D
1.728	LUG SHA 13817.90199873	D
1.729	LUG SHA 13817.90204879	D
1.730	LUG SHA 13489.90367628	D
1.731	LUG PCA 13268.90378808	D
1.732	LUG WSA 13740.90392839	D
1.733	LUG ESA 13906.90397839	D
1.734	LUG ESA 13906.90397845	D
1.735	LUG WSA 13754.90423524	D
1.736	LUG WSA 13895.90424414	D
1.737	LUG WSA 13613.90530159	D
1.738	LUG PCA 13243.90586046	D
1.739	LUG WSA 13754.90630567	D
1.740	LUG SHA 13003.90638278	D
1.741	LUG SHA 13003.90638283	D
1.742	LUG WSA 13220.90668598	D
1.743	LUG WSA 14069.90668922	D
1.744	LUG WSA 13754.90847913	D
1.745	LUG WSA 13220.90902634	D
1.746	LUG CSA 13420.90910088	D
1.747	LUG SHA 13342.91007734	D
1.748	LUG WSA 13533.91060899	D
1.749	LUG WSA 14031.91064701	D
1.750	LUG WSA 13142.91071417	D

1.751	LUG WSA 13517.91150567	D
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1.753	LUG WSA 13405.91256591	D
1.754	LUG ESA 13909.91303529	D
1.755	LUG ESA 13909.91338194	D
1.756	LUG PCA 13243.91347798	D
1.757	LUG CSA 13825.91414736	D
1.758	LUG ESA 13038.91463885	D
1.759	LUG CSA 13829.91481416	D
1.760	LUG CSA 13825.91493238	D
1.761	LUG ESA 13906.91500635	D
1.762	LUG WSA 14031.91680239	D
1.763	LUG SHA 14024.91741334	D
1.764	LUG ESA 14114.91755453	D
1.765	LUG CSA 14041.91780595	D
1.766	LUG CSA 14041.91780598	D
1.767	LUG WSA 13405.91811196	D
1.768	LUG WSA 13889.91845370	D
1.769	LUG CSA 13630.91863539	D
1.770	LUG WSA 13754.91928022	D
1.771	LUG WSA 13754.91930150	D
1.772	LUG WSA 13740.91943165	D
1.773	LUG WSA 13740.91951196	D
1.774	LUG WSA 14031.91999678	D
1.775	LUG WSA 13161.92081600	D
1.776	LUG WSA 13217.92097014	D
1.777	LUG SHA 13650.92182142	D
1.778	LUG WSA 13207.92190389	D
1.779	LUG ESA 13909.92199793	D
1.780	LUG ESA 13909.92200425	D
1.781	LUG WSA 13754.92203067	D
1.782	LUG WSA 13754.92203676	D
1.783	LUG ESA 13909.92206482	D
1.784	LUG WSA 13161.92214946	D
1.785	LUG ESA 13710.92263635	D
1.786	LUG ESA 13038.92275699	D
1.787	LUG ESA 13710.92287705	D
1.788	LUG ESA 13229.92389274	D
1.789	LUG SHA 13342.92390275	D
1.790	LUG SHA 13489.92436549	D
1.791	LUG WSA 13510.92448697	D
1.792	LUG SHA 13001.92472394	D
1.793	LUG ESA 13039.92496615	D
1.794	LUG CSA 14041.92679285	D
1.795	LUG WSA 13208.92767544	D
1.796	LUG CSA 13420.92810815	D
1.797	LUG SHA 13344.92814355	D
1.798	LUG CSA 13630.92831833	D
1.799	LUG ESA 13229.92953759	D
1.800	LUG WSA 13059.93003525	D
1.801	LUG PCA 13268.93067842	D
1.802	LUG ESA 13039.93090160	D
1.803	LUG ESA 13039.93116108	D
1.804	LUG SHA 13344.93164126	D
1.805	LUG WSA 13740.93176460	D
1.806	LUG SHA 13817.93215104	D
1.807	LUG CSA 13351.93283740	D
1.808	LUG PCA 13268.93351292	D
1.809	LUG ESA 13906.93403488	D
1.810	LUG PCA 13268.93449800	D

2	Transmission Asset Upgrades Program		
	2.1	SPP TAU - Circuit 66654	T
	2.2	SPP TAU - Circuit 66840	T
	2.3	SPP TAU - Circuit 66007	T
	2.4	SPP TAU - Circuit 66019	T
	2.5	SPP TAU - Circuit 66425	T
	2.6	SPP TAU - Circuit 230403	T
	2.7	SPP TAU - Circuit 66413	T
	2.8	SPP TAU - Circuit 66046	T
	2.9	SPP TAU - Circuit 66059	T
	2.10	SPP TAU - Circuit 230008	T
	2.11	SPP TAU - Circuit 230010	T
	2.12	SPP TAU - Circuit 230038	T
	2.13	SPP TAU - Circuit 230003	T
	2.14	SPP TAU - Circuit 230005	T
	2.15	SPP TAU - Circuit 230004	T
	2.16	SPP TAU - Circuit 230625	T
	2.17	SPP TAU - Circuit 230021	T
	2.18	SPP TAU - Circuit 230052	T
	2.19	SPP TAU - Circuit 66024	T
	2.20	SPP TAU - Circuit 230608	T
	2.21	SPP TAU - Circuit 230603	T
	2.22	SPP TAU - Circuit 66407	T
	2.23	SPP TAU - Circuit 66033	T
	2.24	SPP TAU - Circuit 66016	T
	2.25	SPP TAU - Circuit 66427	T
	2.26	SPP TAU - Circuit 66415	T
	2.27	SPP TAU - Circuit 66834	T
	2.28	SPP TAU - Circuit 66022	T
	2.29	SPP TAU - Circuit 66060	T
	2.30	SPP TAU - Circuit 66048	T
	2.31	SPP TAU - Circuit 66031	T
	2.32	SPP TAU - Circuit 66036	T
	2.33	SPP TAU - Circuit 230402	T
	2.34	SPP TAU - Circuit 230412	T
	2.35	SPP TAU - Circuit 230602	T
	2.36	SPP TAU - Circuit 230012	T
	2.37	SPP TAU - Circuit 230606	T
	2.38	SPP TAU - Circuit 230033	T
	2.39	SPP TAU - Circuit 230609	T
	2.40	SPP TAU - Circuit 230013	T
	2.41	SPP TAU - Circuit 66030	T
	2.42	SPP TAU - Circuit 66025	T
	2.43	SPP TAU - Circuit 66020	T
	2.44	SPP TAU - Circuit 66027	T
	2.45	SPP TAU - Circuit 66008	T
	2.46	SPP TAU - Circuit 66001	T
	2.47	SPP TAU - Circuit 66045	T
	2.48	SPP TAU - Circuit 66026	T
	2.49	SPP TAU - Circuit 230006	T
	2.50	SPP TAU - Circuit 66021	T
	2.51	SPP TAU - Circuit 66028	T
	2.52	SPP TAU - Circuit 66032	T
	2.53	SPP TAU - Circuit 66017	T
	2.54	SPP TAU - Circuit 66011	T
	2.55	SPP TAU - Circuit 66047	T
	2.56	SPP TAU - Circuit 66436	T
	2.57	SPP TAU - Circuit 66098	T
	2.58	SPP TAU - Circuit 230020	T
	2.59	SPP TAU - Circuit 230623	T
	2.60	SPP TAU - Circuit 230604	T
	2.61	SPP TAU - Circuit 66035	T
3	Substation Extreme Weather Program		
	3.1	none	D

4	Distribution Overhead Feeder Hardening Program		
	4.1	SPP FH - E Winterhaven 13308	D
	4.2	SPP FH - Knights 13807	D
	4.3	SPP FH - Knights 13805	D
	4.4	SPP FH - Casey Road 13745	D
	4.5	SPP FH – Coolidge 13533 – OH Feeder	D
	4.6	SPP FH - Clarkwild 13461 -OH Feeder	D
	4.7	SPP FH - Fishhawk 14121 - OH Feeder	D
	4.8	SPP FH - Lake Magdalene 13939	D
	4.9	SPP FH - Ehrlich 13890	D
	4.10	SPP FH - 13443	D
	4.11	SPP FH - Brandon 13227	D
	4.12	SPP FH - Alexander Rd 13462 -OH Feed	D
	4.13	SPP FH - Pine Lake N 13633	D
	4.14	SPP FH - 13148	D
	4.15	SPP FH - 13048	D
	4.16	SPP FH - 13094	D
	4.17	SPP FH - 13770	D
	4.18	SPP FH - 13118	D
	4.19	SPP FH - 13296	D
	4.20	SPP FH - 13989	D
	4.21	SPP FH - 13984	D
	4.22	SPP FH - 14123	D
	4.23	SPP FH - Yukon 13101	D
	4.24	SPP FH - McFarland 13104	D
	4.25	SPP FH - Manhattan 13111	D
	4.26	SPP FH - East Winter Haven 13309	D
	4.27	SPP FH - 13313	D
	4.28	SPP FH - 13314	D
	4.29	SPP FH - 13339	D
	4.30	SPP FH - 13433	D
	4.31	SPP FH - 13808	D
	4.32	SPP FH - 13964	D
	4.33	SPP FH - 14094	D
	4.34	SPP FH - 13651	D
	4.35	SPP FH - 13346	D
	4.36	SPP FH - 13312	D
5	Transmission Access Enhancement Program		
	5.1	SPP TXE - 230008	T
	5.2	SPP TXE - 230623	T
	5.3	SPP TXE - P - Bridge	T
	5.4	SPP TXE - Hampton Sub - Bridge	T
	5.5	SPP TXE - 230033	T
	5.6	SPP TXE - Morris Bridge - Bridge	T
	5.7	SPP TXE - 66007	T
	5.8	SPP TXE - 230037	T
	5.9	SPP TXE - 66839	T
	5.10	SPP TXE - 230606	T
	5.11	SPP TXE - Columbus Dr #2 - Bridge	T

Form P-7
Page 1 of 1

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Initial Projection
Projected Period: January through December 2022

Approved Capital Structure and Cost Rates
(in Dollars)

	(1) Jurisdictional Rate Base *2022 Adj. FESR* ($000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	$ 2,799,863	35.02%	4.17%	1.4604%
Short Term Debt	237,124	2.97%	1.01%	0.0300%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	91,410	1.14%	2.44%	0.0279%
Common Equity	3,646,406	45.61%	10.75%	4.9030%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	954,275	11.94%	0.00%	0.0000%
Deferred ITC - Weighted Cost	265,755	3.32%	7.65%	0.2543%
Total	$ 7,994,834	100.00%		6.68%

ITC split between Debt and Equity:

Long Term Debt	$ 2,799,863	Long Term Debt	46.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	3,646,406	Equity - Common	54.00%
Total	$ 6,446,269	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = 0.2543% * 46.00%	0.1170%
Equity = 0.2543% * 54.00%	0.1373%
Weighted Cost	0.2543%

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.9030%
Deferred ITC - Weighted Cost	0.1373%
	5.0403%
Times Tax Multiplier	1.34315
Total Equity Component	6.7699%

Total Debt Cost Rate:

Long Term Debt	1.4604%
Short Term Debt	0.0300%
Customer Deposits	0.0279%
Deferred ITC - Weighted Cost	0.1170%
Total Debt Component	1.6353%
	8.4052%

Notes:
Column (1) - Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
Column (2) - Column (1) / Total Column (1)
Column (3) - Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology..
Column (4) - Column (2) x Column (3)

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

Form E-1
Page 1 of 1

Summary of Current Period Estimated True-Up
(in Dollars)

Line		Period Amount
1.	Over/(Under) Recovery for the Current Period (Form E-2, Line 5)	$ 444,151
2.	Interest Provision (Form E-2, Line 6)	$ (1,036)
3.	Sum of Prior Period Adjustments (Form E-2, Line 10)	$ -
4.	Prior Period True-Up Amount to be Refunded/(Recovered) in the Projection Period January - December 2022 (Lines 1 + 2 + 3)	$ 443,115
5.	Allocation of True-Up to Energy and Demand Based on Variances	

		Energy	Demand	Variance
a.	Form E-4 and Form E-6, , Line 11 and Line 7 respectively	$ -	$ (370,557)	$ (370,557)
b.	Percent of Variance Contribution	0.00000%	100.000000%	100.00000%
c.	Line 5b x Line 4	$ -	$ 443,115	$ 443,115

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

Form E-2
Page 1 of 1

Calculation of True-Up Amount
(in Dollars)

Line		Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Clause Revenues (net of Revenue Taxes)	$ 3,096,934	$ 2,895,738	$ 2,709,186	$ 2,832,220	$ 3,153,888	$ 3,683,176	$ 3,839,893	$ 3,816,932	$ 3,973,180	$ 3,615,475	$ 3,023,879	$ 2,872,863	$ 39,513,365
2.	True-Up Provision	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,891)	(498,895)	(5,986,696)
3.	Clause Revenues Applicable to Period (Lines 1 + 2)	2,598,043	2,396,847	2,210,295	2,333,329	2,654,997	3,184,285	3,341,002	3,318,041	3,474,289	3,116,584	2,524,988	2,373,968	33,526,669
4.	Jurisdictional SPPCRC Costs													
	a. O&M Activities (Form E-5, Line 13)	1,756,739	1,634,769	2,183,908	2,326,047	2,300,797	2,419,395	2,450,622	2,389,242	2,384,216	2,287,310	2,227,676	2,263,459	26,624,179
	b. Capital Investment Projects (Form E-7, Line 7.c.)	115,115	144,539	202,037	291,550	393,892	502,913	609,391	699,056	777,495	854,732	912,885	954,733	6,458,339
	c. Total Jurisdictional SPPCRC Costs	1,871,854	1,779,308	2,385,945	2,617,597	2,694,689	2,922,308	3,060,012	3,088,298	3,161,711	3,142,042	3,140,560	3,218,192	33,082,517
5.	Over/Under Recovery (Line 3 - Line 4c)	726,189	617,539	(175,650)	(284,268)	(39,692)	261,977	280,990	229,743	312,578	(25,458)	(615,572)	(844,225)	444,151
6.	Interest Provision (Form E-3, Line 10)	(395)	(289)	(499)	(712)	(604)	(409)	(163)	78	325	530	588	514	(1,036)
7.	Beginning Balance True-Up & Interest Provision	(4,996,136)	(3,771,451)	(2,655,310)	(2,332,568)	(2,118,657)	(1,660,062)	(899,603)	(119,885)	608,827	1,420,621	1,894,584	1,778,491	(4,996,136)
	a. Deferred True-Up from January to December 2020 (Order No. PSC-21xx-xxxx-FOF-EI)	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	True-Up Collected/(Refunded) (see Line 2)	498,891	498,891	498,891	498,891	498,891	498,891	498,891	498,891	498,891	498,891	498,891	498,895	5,986,696
9.	End of Period Total True-Up (Lines 5+6+7+7a+8)	(3,771,451)	(2,655,310)	(2,332,568)	(2,118,657)	(1,660,062)	(899,603)	(119,885)	608,827	1,420,621	1,894,584	1,778,491	1,433,675	1,433,675
10.	Adjustment to Period True-Up Including Interest	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	End of Period Total True-Up (Lines 9 + 10)	$ (3,771,451)	$ (2,655,310)	$ (2,332,568)	$ (2,118,657)	$ (1,660,062)	$ (899,603)	$ (119,885)	$ 608,827	$ 1,420,621	$ 1,894,584	$ 1,778,491	$ 1,433,675	$ 1,433,675

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

Form E-3

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

Line	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1. Beginning True-Up Amount (Form E-2, Line 7+7a+10)	$ (4,996,136)	$ (3,771,451)	$ (2,655,310)	$ (2,332,568)	$ (2,118,657)	$ (1,660,062)	$ (899,603)	$ (119,885)	$ 608,827	$ 1,420,621	$ 1,894,584	$ 1,778,491	
2. Ending True-Up Amount Before Interest	(3,771,056)	(2,655,021)	(2,332,069)	(2,117,945)	(1,659,458)	(899,194)	(119,722)	608,749	1,420,296	1,894,054	1,777,903	1,433,161	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	(8,767,192)	(6,426,472)	(4,987,379)	(4,450,513)	(3,778,115)	(2,559,256)	(1,019,325)	488,864	2,029,123	3,314,675	3,672,487	3,211,652	
4. Average True-Up Amount (Line 3 x 1/2)	(4,383,596)	(3,213,236)	(2,493,690)	(2,225,257)	(1,889,058)	(1,279,628)	(509,663)	244,432	1,014,562	1,657,338	1,836,244	1,605,826	
5. Interest Rate (First Day of Reporting Business Month)	0.10%	0.12%	0.09%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	
6. Interest Rate (First Day of Subsequent Business Month)	0.12%	0.09%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.22%	0.21%	0.47%	0.76%	0.76%	0.76%	0.76%	0.76%	0.76%	0.76%	0.76%	0.76%	
8. Average Interest Rate (Line 7 x 1/2)	0.110%	0.105%	0.235%	0.380%	0.380%	0.380%	0.380%	0.380%	0.380%	0.380%	0.380%	0.380%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.009%	0.009%	0.020%	0.032%	0.032%	0.032%	0.032%	0.032%	0.032%	0.032%	0.032%	0.032%	
10. Interest Provision for the Month (Line 4 x Line 9)	$ (395)	$ (289)	$ (499)	$ (712)	$ (604)	$ (409)	$ (163)	$ 78	$ 325	$ 530	$ 588	$ 514	$ (1,036)

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

Form E-4
Page 1 of 1

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

Line		(1) Estimated Actual	(2) Projection	(3) Variance Amount	(4) Variance Percent
1.	Vegetation Management O&M Programs				
	1. Distribution Vegetation Management - Planned	$ 19,793,075	$ 19,791,650	$ 1,425	0.0%
	2. Transmission Vegetation Management - Planned	3,545,212	3,534,600	10,612	0.3%
	3. Transmission Vegetation Management - ROW	199,998	-	199,998	100.0%
1.a	Subtotal of Vegetation Management Programs	$ 23,538,285	$ 23,326,250	$ 212,036	0.9%
2	Asset Upgrade O&M Programs				
	1. Transmission Asset Upgrades	$ 412,913	$ 449,362	$ (36,449)	-8.1%
2.a	Subtotal of Asset Upgrade O&M Programs	$ 412,913	$ 449,362	$ (36,449)	-8.1%
3	Substation Protection O&M Programs				
	1. Substation Extreme Weather Protection	$ 250,000	$ 250,000	$ 0	0.0%
3.a	Subtotal of Substation Protection O&M Programs	$ 250,000	$ 250,000	$ 0	0.0%
4	Overhead Feeder Hardening Programs				
	1. Distribution Overhead Feeder Hardening	$ 465,592	$ 345,191	$ 120,401	34.9%
4.a	Subtotal of Overhead Feeder Hardening Programs	$ 465,592	$ 345,191	$ 120,401	34.9%
5	Transmission Access O&M Programs				
	1. Transmission Access Enhancement	$ 0	$ 0	$ 0	0.0%
5.a	Subtotal of Transmission Access O&M Programs	$ 0	$ 0	$ 0	0.0%
6	Infrastructure Inspection O&M Programs				
	1. Distribution Infrastructure Inspections	$ 593,036	$ 1,003,600	$ (410,564)	-40.9%
	2. Transmission Infrastructure Inspections	581,430	581,430	-	0.0%
6.a	Subtotal of Infrastructure Inspection O&M Programs	$ 1,174,467	$ 1,585,030	$ (410,564)	-25.9%
7	Common SPP O&M Programs				
	1. Common O&M (A)	$ 1,134,769	$ 402,400	$ 732,369	182.0%
7.a	Subtotal of Common SPP O&M Programs	$ 1,134,769	$ 402,400	$ 732,369	182.0%
8	Total of O&M Programs	$ 26,976,025	$ 26,358,233	$ 617,793	2.3%
9	Allocation of O&M Costs				
	a. Distribution O&M Allocated to Demand	$ 22,236,474	$ 21,792,841		
	b. Transmission O&M Allocated to Demand	4,739,554	4,565,392		
	c. Distribution O&M Allocated to Energy	0	0		
	d. Transmission O&M Allocated to Energy	0	0		
10	Retail Jurisdictional Factors				
	a. Distribution Demand Jurisdictional Factor	1.00000000	1.00000000		
	b. Transmission Demand Jurisdictional Factor	0.92576322	0.92529200		
	c. Distribution Energy Jurisdictional Factor	0.00000000	0.00000000		
	d. Transmission Energy Jurisdictional Factor	0.00000000	0.00000000		
11	Jurisdictional Revenue Requirements				
	a. Jurisdictional Distribution Demand Revenue Requirement	$ 22,236,474	$ 21,792,841	$ 443,633	2.0%
	b. Jurisdictional Transmission Demand Revenue Requirement	4,387,705	4,224,321	163,384	3.9%
	c. Jurisdictional Distribution Energy Revenue Requirement	0	0	0	0.0%
	d. Jurisdictional Transmission Energy Revenue Requirement	0	0	0	0.0%
12	Total Jurisdictional O&M Revenue Requirements	$ 26,624,179	$ 26,017,162	$ 607,017	2.3%

Notes:
Column (1) is the End of Period Totals on Form E-5
Column (2) is amount shown on Form 2P End of Period Totals based on Order No. PSC-2020-0293-AS-EI.
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

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

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

Line	O&M Activities	T/D	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total	Method of Classification Demand	Method of Classification Energy
1.	Vegetation Management O&M Programs																
	1. Distribution Vegetation Management - Planned	D	$ 1,337,753	$ 1,132,497	$ 1,565,901	$ 1,680,821	$ 1,751,598	$ 1,751,698	$ 1,821,117	$ 1,822,367	$ 1,822,303	$ 1,725,380	$ 1,690,670	$ 1,690,971	$ 19,793,075	100%	0%
	2. Transmission Vegetation Management - Planned	T	$ 186,492	$ 257,661	$ 294,517	$ 294,617	$ 294,617	$ 294,617	$ 294,717	$ 294,617	$ 294,716	$ 333,301	$ 335,887	$ 369,454	$ 3,545,212	100%	0%
	3. Transmission Vegetation Management - ROW	T	$ 64,529	$ (75,141)	$ 21,061	$ 21,061	$ 21,061	$ 21,061	$ 21,061	$ 21,061	$ 21,061	$ 21,061	$ 21,061	$ 21,061	$ 199,998	100%	0%
1.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
1.b.	Subtotal of Vegetation Management Programs		$ 1,588,773	$ 1,315,016	$ 1,881,479	$ 1,996,499	$ 2,067,276	$ 2,067,376	$ 2,136,895	$ 2,138,045	$ 2,138,080	$ 2,079,742	$ 2,047,618	$ 2,081,486	$ 23,538,285		
2.	Asset Upgrade O&M Programs																
	1. Transmission Asset Upgrades	T	$ 53,584	$ 43,936	$ 10,049	$ 7,144	$ 15,258	$ 31,187	$ 46,645	$ 46,589	$ 45,471	$ 41,132	$ 33,479	$ 38,440	$ 412,913	100%	0%
2.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
2.b.	Subtotal of Asset Upgrade O&M Programs		$ 53,584	$ 43,936	$ 10,049	$ 7,144	$ 15,258	$ 31,187	$ 46,645	$ 46,589	$ 45,471	$ 41,132	$ 33,479	$ 38,440	$ 412,913		
3.	Substation Protection O&M Programs																
	1. Substation Extreme Weather Protection	D	$ -	$ 1,074	$ -	$ 3,926	$ 35,000	$ 120,000	$ 90,000	$ -	$ -	$ -	$ -	$ -	$ 250,000	100%	0%
3.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
3.b.	Subtotal of Substation Protection O&M Programs		$ -	$ 1,074	$ -	$ 3,926	$ 35,000	$ 120,000	$ 90,000	$ -	$ -	$ -	$ -	$ -	$ 250,000		
4.	Overhead Feeder Hardening Programs																
	1. Distribution Overhead Feeder Hardening	D	$ 16,556	$ 17,370	$ 43,680	$ 70,704	$ 38,100	$ 42,130	$ 38,280	$ 69,237	$ 69,946	$ 30,458	$ 14,368	$ 14,764	$ 465,592	100%	0%
4.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
4.b.	Subtotal of Overhead Feeder Hardening O&M Programs		$ 16,556	$ 17,370	$ 43,680	$ 70,704	$ 38,100	$ 42,130	$ 38,280	$ 69,237	$ 69,946	$ 30,458	$ 14,368	$ 14,764	$ 465,592		
5.	Transmission Access O&M Programs																
	1. Transmission Access Enhancement	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
5.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
5.b.	Subtotal of Transmission Access O&M Programs		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
6.	Infrastructure Inspection O&M Programs																
	1. Distribution Infrastructure Inspections	D	$ 38,707	$ 189,587	$ 189,100	$ 173,236	$ 300	$ 300	$ 300	$ 300	$ 300	$ 300	$ 300	$ 306	$ 593,036	100%	0%
	2. Transmission Infrastructure Inspections	T	$ 23,015	$ 37,108	$ 41,290	$ 57,308	$ 131,870	$ 68,485	$ 41,325	$ 37,173	$ 32,500	$ 38,550	$ 36,450	$ 36,356	$ 581,430	100%	0%
6.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
6.b.	Subtotal of Infrastructure Inspection O&M Programs		$ 61,722	$ 226,696	$ 230,390	$ 230,544	$ 132,170	$ 68,785	$ 41,625	$ 37,473	$ 32,800	$ 38,850	$ 36,750	$ 36,662	$ 1,174,467		
7.	Common SPP O&M Programs																
	1. Common O&M (A)	D	$ 60,425	$ 50,244	$ 45,550	$ 45,450	$ 47,350	$ 120,750	$ 127,150	$ 127,550	$ 127,150	$ 129,350	$ 127,150	$ 126,650	$ 1,134,769	100%	0%
7.a.	Adjustment		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	100%	0%
7.b.	Subtotal of Common SPP O&M Programs		$ 60,425	$ 50,244	$ 45,550	$ 45,450	$ 47,350	$ 120,750	$ 127,150	$ 127,550	$ 127,150	$ 129,350	$ 127,150	$ 126,650	$ 1,134,769		
8.	Total of O&M Programs		1,781,060	1,654,335	2,211,147	2,354,267	2,335,154	2,450,228	2,480,595	2,418,895	2,413,447	2,319,532	2,259,365	2,298,002	26,976,025		
	a. Total Distribution O&M Programs		1,453,441	1,390,771	1,844,231	1,974,137	1,872,348	2,034,878	2,076,847	2,019,455	2,019,699	1,885,488	1,832,488	1,832,691	22,236,474		
	b. Total Transmission O&M Programs		327,619	263,564	366,917	380,130	462,806	415,350	403,748	399,440	393,748	434,044	426,877	465,311	4,739,554		
9.	Allocation of O&M Costs																
	a. Distribution O&M Allocated to Demand		1,453,441	1,390,771	1,844,231	1,974,137	1,872,348	2,034,878	2,076,847	2,019,455	2,019,699	1,885,488	1,832,488	1,832,691	22,236,474		
	b. Transmission O&M Allocated to Demand		327,619	263,564	366,917	380,130	462,806	415,350	403,748	399,440	393,748	434,044	426,877	465,311	4,739,554		
	c. Distribution O&M Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0		
	d. Transmission O&M Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0		
10.	Retail Jurisdictional Factors																
	a. Distribution Demand Jurisdictional Factor		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000			
	b. Transmission Demand Jurisdictional Factor		0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322			
	c. Distribution Energy Jurisdictional Factor		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000			
	d. Transmission Energy Jurisdictional Factor		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000			
11.	Jurisdictional Revenue Requirements																
	a. Jurisdictional Distribution Demand Revenue Requirement		1,453,441	1,390,771	1,844,231	1,974,137	1,872,348	2,034,878	2,076,847	2,019,455	2,019,699	1,885,488	1,832,488	1,832,691	22,236,474		
	b. Jurisdictional Transmission Demand Revenue Requirement		303,298	243,998	339,677	351,910	428,449	384,517	373,775	369,787	364,517	401,822	395,187	430,768	4,387,705		
	c. Jurisdictional Distribution Energy Revenue Requirement		-	-	-	-	-	-	-	-	-	-	-	-	-		
	d. Jurisdictional Transmission Energy Revenue Requirement		-	-	-	-	-	-	-	-	-	-	-	-	-		
12.	Total Jurisdictional O&M Revenue Requirements		1,756,739	1,634,769	2,183,908	2,326,047	2,300,797	2,419,395	2,450,622	2,389,242	2,384,216	2,287,310	2,227,676	2,263,459	26,624,179		

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Calculation of Current Period Actual/Estimated Amount
Current Period: January through December 2021
Project Listing by Each O&M Program

Line	O&M Activities	T or D
1.	Vegetation Management O&M Programs	
	1.1 Distribution Vegetation Management - Planned	
	1.1.1 PRE - Dist Line - Tree Trimming - Planned	D
	1.1.2 Dist SPP Supplemental	D
	1.1.3 Dist SPP Mid-Cycle	D
	1.2 Transmission Vegetation Management - Planned	
	1.2.1 PRE - ROW Clearance	T
	1.2.2 PRE - Trans Line - Tree Trimming/Removals - Planned	T
	1.2.3 Trans SPP 69kV Reclamation	T
2.	Asset Upgrade O&M Programs	
	2.1 Transmission Asset Upgrades	
	2.1.1 SPP TAU - Circuit 66654	T
	2.1.2 SPP TAU - Circuit 66840	T
	2.1.3 SPP TAU - Circuit 66007	T
	2.1.4 SPP TAU - Circuit 66019	T
	2.1.5 SPP TAU - Circuit 66425	T
	2.1.6 SPP TAU - Circuit 230403	T
	2.1.7 SPP TAU - Circuit 66413	T
	2.1.8 SPP TAU - Circuit 66046	T
	2.1.9 SPP TAU - Circuit 66059	T
	2.1.10 SPP TAU - Circuit 230008	T
	2.1.11 SPP TAU - Circuit 230010	T
	2.1.12 SPP TAU - Circuit 230038	T
	2.1.13 SPP TAU - Circuit 230003	T
	2.1.14 SPP TAU - Circuit 230005	T
	2.1.15 SPP TAU - Circuit 230004	T
	2.1.16 SPP TAU - Circuit 230625	T
	2.1.17 SPP TAU - Circuit 230021	T
	2.1.18 SPP TAU - Circuit 230052	T
	2.1.19 SPP TAU - Circuit 66024	T
	2.1.20 SPP TAU - Circuit 230608	T
	2.1.21 SPP TAU - Circuit 230603	T
	2.1.22 SPP TAU - Circuit 66407	T
	2.1.23 SPP TAU - Circuit 66033	T
	2.1.24 SPP TAU - Circuit 66016	T
	2.1.25 SPP TAU - Circuit 66427	T
	2.1.26 SPP TAU - Circuit 66415	T
	2.1.27 SPP TAU - Circuit 66834	T
	2.1.28 SPP TAU - Circuit 66022	T
	2.1.29 SPP TAU - Circuit 66060	T
	2.1.30 SPP TAU - Circuit 66048	T
	2.1.31 SPP TAU - Circuit 66031	T
	2.1.32 SPP TAU - Circuit 66036	T
	2.1.33 SPP TAU - Circuit 230402	T
	2.1.34 SPP TAU - Circuit 230412	T
	2.1.35 SPP TAU - Circuit 230602	T
	2.1.36 SPP TAU - Circuit 230012	T
	2.1.37 SPP TAU - Circuit 230606	T
	2.1.38 SPP TAU - Circuit 230033	T
	2.1.39 SPP TAU - Circuit 230609	T
	2.1.40 SPP TAU - Circuit 230013	T
	2.1.41 SPP TAU - Circuit 66030	T
	2.1.42 SPP TAU - Circuit 66025	T
	2.1.43 SPP TAU - Circuit 66020	T
	2.1.44 SPP TAU - Circuit 66027	T
	2.1.45 SPP TAU - Circuit 66008	T
	2.1.46 SPP TAU - Circuit 66001	T
	2.1.47 SPP TAU - Circuit 66045	T
3.	Substation Protection O&M Programs	
	3.1 Substation Extreme Weather Protection	
	3.1.1 SPP SEW O&M - Sub Dist	D
	3.1.2 SPP SEW O&M - Sub Trans	D
4	Overhead Feeder Hardening O&M Programs	
	4.1 Distribution Overhead Feeder Hardening	
	4.1.1 SPP FH - E Winterhaven 13308	D
	4.1.2 SPP FH - Knights 13807	D
	4.1.3 SPP FH - Knights 13805	D
	4.1.4 SPP FH - Casey Road 13745	D
	4.1.5 SPP FH – Coolidge 13533 – OH Feeder	D
	4.1.6 SPP FH - Clarkwild 13461 -OH Feeder	D
	4.1.7 SPP FH - Fishhawk 14121 - OH Feeder	D
	4.1.8 SPP FH - Lake Magdalene 13939	D
	4.1.9 SPP FH - Ehrlich 13890	D
	4.1.10 SPP FH - 13443	D
	4.1.11 SPP FH - Brandon 13227	D
	4.1.12 SPP FH - Alexander Rd 13462 -OH Feed	D
	4.1.13 SPP FH - Pine Lake N 13633	D
	4.1.14 SPP FH - 13148	D
	4.1.15 SPP FH - 13048	D
	4.1.16 SPP FH - 13094	D
	4.1.17 SPP FH - 13770	D
	4.1.18 SPP FH - 13118	D
	4.1.19 SPP FH - 13296	D
	4.1.20 SPP FH - 13989	D
	4.1.21 SPP FH - 13984	D
	4.1.22 SPP FH - 14123	D
	4.1.23 SPP FH - Yukon 13101	D
	4.1.24 SPP FH - McFarland 13104	D
	4.1.25 SPP FH - Manhattan 13111	D
	4.1.26 SPP FH - East Winter Haven 13309	D
	4.1.27 SPP FH - 13313	D
	4.1.28 SPP FH - 13314	D
	4.1.29 SPP FH - 13339	D
	4.1.30 SPP FH - 13433	D
	4.1.31 SPP FH - 13808	D
	4.1.32 SPP FH - 13964	D
	4.1.33 SPP FH - 14094	D
5	Transmission Access O&M Programs	
	5 Transmission Access Enhancement	
	5.1.1 none	T
6	Infrastructure Inspection O&M Programs	
	6 Distribution Infrastructure Inspections	
	6.1.1 PRE - Dist Line - Pole Inspection Program	D
	6 Transmission Infrastructure Inspections	
	6.2.1 PRE - Trans Line - Routine Patrols	T
	6.2.2 PRE - Trans Line - Above-Ground Inspections	T
	6.2.3 PRE - Trans Line - Infared Inspections	T
	6.2.4 PRE - Trans Line - Pole Inspection Program	T
	6.2.5 PRE - Substation - Transmission - Inspection, Test	T
	6.2.6 PRE - Substation - Transmission - Inspect, Test - GSU	T
7	Common SPP O&M Programs	
	7 Common O&M Programs	
	7.1.1 SPP Common O&M - ED	D
	7.1.2 SPP Common O&M - Regulatory	D
	7.1.3 Planning & Admin	D

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

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

Line		(1) Estimated Actual	(2) Projection	(3) Variance Amount	(4) Variance Percent
1.	Distribution Lateral Undergrounding Program				
	1. Distribution Lateral Undergrounding Program	$ 4,183,494	$ 4,342,580	$ (159,086)	-3.7%
1.a	Subtotal of Distribution Lateral Undergrounding Program	$ 4,183,494	$ 4,342,580	$ (159,086)	-3.7%
2	Transmission Asset Upgrades Program				
	1. Transmission Asset Upgrades Program	$ 1,115,170	$ 1,390,775	$ (275,605)	-19.8%
2.a	Subtotal of Transmission Asset Upgrades Program	$ 1,115,170	$ 1,390,775	$ (275,605)	-19.8%
3	Substation Extreme Weather Program				
	1. Substation Extreme Weather Program	$ 0	$ 0	$ 0	0.0%
3.a	Subtotal of Substation Extreme Weather Program	$ 0	$ 0	$ 0	0.0%
4	Distribution Overhead Feeder Hardening Program				
	1. Distribution Overhead Feeder Hardening Program	$ 1,130,018	$ 1,678,258	$ (548,240)	-32.7%
4.a	Subtotal of Distribution Overhead Feeder Hardening Program	$ 1,130,018	$ 1,678,258	$ (548,240)	-32.7%
5	Transmission Access Enhancement Program				
	1. Transmission Access Enhancement Program	$ 29,657	$ 24,300	$ 5,357	22.0%
5.a	Subtotal of Transmission Access Enhancement Program	$ 29,657	$ 24,300	$ 5,357	22.0%
6	Total of Capital Investment Programs	$ 6,458,339	$ 7,435,913	$ (977,574)	-13.1%
7	Allocation of Costs to Energy and Demand				
	a. Energy	$ 0	$ 0	$ 0	0.0%
	b. Demand	$ 6,458,339	$ 7,435,913	$ (977,574)	-13.1%

Notes:
Column (1) is the End of Period Totals on Form E-7
Column (2) is amount shown on Form 3P End of Period Totals based on Order No. PSC-2020-0293-AS-EI.
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

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

Form E-7
Page 1 of 1

Summary of Monthly Revenue Requirements for Capital Investment Programs
(in Dollars)

Line	Capital Investment Activities	T/D	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Distribution Lateral Undergrounding Program	D	$ 52,638	$ 67,530	$ 110,316	$ 178,338	$ 248,680	$ 321,837	$ 406,540	$ 470,862	$ 522,909	$ 566,272	$ 602,865	$ 634,707	$ 4,183,494
1.a.	Adjustments	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1.b.	Subtotal of Distribution Lateral Undergrounding Program	D	$ 52,638	$ 67,530	$ 110,316	$ 178,338	$ 248,680	$ 321,837	$ 406,540	$ 470,862	$ 522,909	$ 566,272	$ 602,865	$ 634,707	$ 4,183,494
1.c.	Jurisdictional Demand Revenue Requirements		$ 52,638	$ 67,530	$ 110,316	$ 178,338	$ 248,680	$ 321,837	$ 406,540	$ 470,862	$ 522,909	$ 566,272	$ 602,865	$ 634,707	$ 4,183,494
1.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2	Transmission Asset Upgrades Program	T	$ 37,657	$ 46,189	$ 52,276	$ 60,134	$ 79,153	$ 91,176	$ 102,852	$ 117,092	$ 131,288	$ 152,362	$ 163,650	$ 170,766	$ 1,204,595
2.a.	Adjustments	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2.b.	Subtotal of Transmission Asset Upgrades Program	T	$ 37,657	$ 46,189	$ 52,276	$ 60,134	$ 79,153	$ 91,176	$ 102,852	$ 117,092	$ 131,288	$ 152,362	$ 163,650	$ 170,766	$ 1,204,595
2.c.	Jurisdictional Demand Revenue Requirements		$ 34,861	$ 42,760	$ 48,395	$ 55,670	$ 73,277	$ 84,407	$ 95,217	$ 108,399	$ 121,542	$ 141,051	$ 151,501	$ 158,089	$ 1,115,170
2.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3	Substation Extreme Weather Program	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.a.	Adjustments	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.b.	Subtotal of Substation Extreme Weather Program	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.c.	Jurisdictional Demand Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	Distribution Overhead Feeder Hardening Program	D	$ 27,616	$ 34,249	$ 43,265	$ 57,163	$ 71,039	$ 95,257	$ 105,563	$ 116,921	$ 129,369	$ 142,653	$ 152,402	$ 154,521	$ 1,130,018
4.a.	Adjustments	D	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4.b.	Subtotal of Distribution Overhead Feeder Hardening Program	D	$ 27,616	$ 34,249	$ 43,265	$ 57,163	$ 71,039	$ 95,257	$ 105,563	$ 116,921	$ 129,369	$ 142,653	$ 152,402	$ 154,521	$ 1,130,018
4.c.	Jurisdictional Demand Revenue Requirements		$ 27,616	$ 34,249	$ 43,265	$ 57,163	$ 71,039	$ 95,257	$ 105,563	$ 116,921	$ 129,369	$ 142,653	$ 152,402	$ 154,521	$ 1,130,018
4.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Transmission Access Enhancement Program	T	$ -	$ -	$ 66	$ 410	$ 968	$ 1,525	$ 2,237	$ 3,104	$ 3,970	$ 5,137	$ 6,607	$ 8,011	$ 32,035
5.a.	Adjustments	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5.b.	Subtotal of Transmission Access Enhancement Program	T	$ -	$ -	$ 66	$ 410	$ 968	$ 1,525	$ 2,237	$ 3,104	$ 3,970	$ 5,137	$ 6,607	$ 8,011	$ 32,035
5.c.	Jurisdictional Demand Revenue Requirements		$ -	$ -	$ 61	$ 380	$ 896	$ 1,412	$ 2,071	$ 2,874	$ 3,675	$ 4,756	$ 6,117	$ 7,416	$ 29,657
5.d.	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
6	Retail Jurisdictional Factors														
6.a.	Distribution Demand Jurisdictional Factor		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	
6.b.	Transmission Demand Jurisdictional Factor		0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	
6.c.	Distribution Energy Jurisdictional Factor		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
6.d.	Transmission Energy Jurisdictional Factor		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
7	Total of Capital Investment Programs		$ 117,911	$ 147,968	$ 205,923	$ 296,045	$ 399,840	$ 509,795	$ 617,192	$ 707,979	$ 787,536	$ 866,424	$ 925,524	$ 968,005	$ 6,550,142
7.a.	Jurisdictional Distribution Demand Revenue Requirements		$ 80,254	$ 101,779	$ 153,581	$ 235,501	$ 319,719	$ 417,094	$ 512,103	$ 587,783	$ 652,278	$ 708,925	$ 755,267	$ 789,228	$ 5,313,512
7.b.	Jurisdictional Transmission Demand Revenue Requirements		$ 34,861	$ 42,760	$ 48,456	$ 56,049	$ 74,173	$ 85,819	$ 97,288	$ 111,273	$ 125,217	$ 145,807	$ 157,618	$ 165,505	$ 1,144,827
7.c.	Total Jurisdictional Demand Revenue Requirements		$ 115,115	$ 144,539	$ 202,037	$ 291,550	$ 393,892	$ 502,913	$ 609,391	$ 699,056	$ 777,495	$ 854,732	$ 912,885	$ 954,733	$ 6,458,339

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

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

Return on Capital Investments, Depreciation and Taxes
All Capital Programs
(in Dollars)

Line	Description	Beginning of Period Amount	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	2021 October	2021 November	2021 December	2021 TOTAL
1.	Investments														
	a. Expenditures/Additions		$3,712,598	$4,743,213	$12,930,122	$14,657,765	$13,884,904	$13,981,493	$11,712,063	$10,607,781	$9,902,028	$7,708,600	$6,253,535	$5,822,358	$115,916,461
	b. Clearings to Plant		$865,962	$130,118	$0	$3,921,110	$8,056,003	$19,976,929	$14,099,262	$10,070,437	$11,958,926	$8,369,447	$3,732,505	$25,561,770	$106,742,470
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base	$414,433	1,280,396	1,410,514	1,410,514	5,331,624	13,387,627	33,364,556	47,463,818	57,534,255	69,493,181	77,862,628	81,595,133	107,156,904	
3.	Less: Net Accumulated Depreciation	(4,323)	(5,430)	(8,976)	(12,753)	(16,530)	(30,894)	(64,313)	(121,468)	(196,910)	(285,427)	(395,937)	(520,691)	(649,301)	
4.	CWIP - Non-Interest Bearing	15,515,068	18,361,704	22,974,799	35,904,921	46,641,576	52,470,477	46,475,041	44,087,842	44,625,186	42,568,287	41,907,440	44,428,471	24,689,058	
5.	Net Investment (Lines 2 + 3 + 4)	$15,925,179	19,636,669	24,376,336	37,302,681	51,956,670	65,827,210	79,775,284	91,430,192	101,962,531	111,776,042	119,374,132	125,502,913	131,196,661	
6.	Average Net Investment		17,780,925	22,006,503	30,839,508	44,629,675	58,891,940	72,801,247	85,602,738	96,696,361	106,869,287	115,575,087	122,438,522	128,349,787	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		91,881	113,718	159,361	230,620	304,319	376,194	442,345	499,670	552,238	597,225	632,692	663,237	4,663,500
	b. Debt Component Grossed Up For Taxes (B)		24,321	30,102	42,183	61,046	80,555	99,580	117,090	132,265	146,179	158,087	167,476	175,561	1,234,445
			116,202	143,820	201,544	291,666	384,874	475,774	559,435	631,935	698,417	755,312	800,168	838,798	5,897,945
8.	Investment Expenses														
	a. Depreciation (C)		1,226	3,722	4,083	4,083	15,846	44,386	96,419	133,625	159,602	194,060	219,088	228,420	1,104,560
	b. Depreciation Savings (D)		(118)	(176)	(306)	(306)	(1,482)	(10,967)	(39,264)	(58,183)	(71,085)	(83,550)	(94,335)	(99,809)	(459,581)
	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)		602	602	602	602	602	602	602	602	602	602	602	596	7,218
	F. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		117,911	147,968	205,923	296,045	399,840	509,795	617,192	707,979	787,536	866,424	925,524	968,005	6,550,142
	a. Recoverable Distribution Costs Allocated to Demand		117,911	147,968	205,923	296,045	399,840	509,795	617,192	707,979	787,536	866,424	925,524	968,005	6,550,142
	b. Recoverable Transmission Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Distribution Demand Jurisdictional Factor		1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	
11.	Transmission Demand Jurisdictional Factor		0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	
13.	Retail Distribution Demand-Related Recoverable Costs (E)		80,254	101,779	153,581	235,501	319,719	417,094	512,103	587,783	652,278	708,925	755,267	789,228	5,313,512
12.	Retail Transmission Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$80,254	$101,779	$153,581	$235,501	$319,719	$417,094	$512,103	$587,783	$652,278	$708,925	$755,267	$789,228	$5,313,512

Notes:
(A) Line 6 x Line 61 x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x Line 62 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 1.76%
(F) Line 9a x Line 10
(G) Line 9b x Line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Calculation of the Current Period Actual/Estimated Amount
January 2021 to December 2021

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

Line	Description	Beginning of Period Amount	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	2021 October	2021 November	2021 December	2021 TOTAL
1.	Investments														
	a. Expenditures/Additions		$1,752,824	$2,804,544	$10,289,667	$10,527,226	$10,999,595	$11,388,666	$8,956,157	$7,121,841	$6,196,913	$5,397,999	$4,590,714	$4,075,556	$84,101,703
	b. Clearings to Plant		$0	$0	$0	$0	$0	$17,694,147	$11,559,050	$8,469,375	$5,563,745	$4,121,188	$3,732,505	$22,863,696	$74,003,705
	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	17,694,147	29,253,197	37,722,571	43,286,316	47,407,504	51,140,009	74,003,705	
3.	Less: Net Accumulated Depreciation	0	0	0	0	0	0	0	(18,284)	(48,512)	(87,492)	(132,221)	(181,209)	(234,054)	
4.	CWIP - Non-Interest Bearing	7,178,051	8,930,874	11,735,419	22,025,086	32,552,312	43,551,907	37,246,426	34,643,534	33,296,000	33,929,168	35,205,979	36,064,189	17,276,049	
5.	Net Investment (Lines 2 + 3 + 4)	$7,178,051	8,930,874	11,735,419	22,025,086	32,552,312	43,551,907	54,940,573	63,878,446	70,970,059	77,127,992	82,481,262	87,022,988	91,045,700	
6.	Average Net Investment		8,054,463	10,333,147	16,880,252	27,288,699	38,052,110	49,246,240	59,409,510	67,424,253	74,049,026	79,804,627	84,752,125	89,034,344	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		41,621	53,396	87,227	141,012	196,631	254,476	306,994	348,409	382,642	412,384	437,950	460,078	3,122,820
	b. Debt Component Grossed Up For Taxes (B)		11,017	14,134	23,089	37,326	52,049	67,361	81,262	92,225	101,287	109,159	115,927	121,784	826,620
			52,638	67,530	110,316	178,338	248,680	321,837	388,256	440,634	483,929	521,543	553,877	581,862	3,949,440
8.	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	44,235	73,133	94,306	108,216	118,519	127,850	566,259
	b. Depreciation Savings (D)		0	0	0	0	0	0	(25,951)	(42,905)	(55,326)	(63,487)	(69,531)	(75,005)	(332,205)
	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)		52,638	67,530	110,316	178,338	248,680	321,837	406,540	470,862	522,909	566,272	602,865	634,707	4,183,494
	a. Recoverable Costs Allocated to Demand		52,638	67,530	110,316	178,338	248,680	321,837	406,540	470,862	522,909	566,272	602,865	634,707	4,183,494
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Distribution Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Distribution Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)		52,638	67,530	110,316	178,338	248,680	321,837	406,540	470,862	522,909	566,272	602,865	634,707	4,183,494
13.	Retail Distribution Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$52,638	$67,530	$110,316	$178,338	$248,680	$321,837	$406,540	$470,862	$522,909	$566,272	$602,865	$634,707	$4,183,494

Notes:
(A) Line 6 x 6.2009% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.6414% x 1/12 (Jan-Dec).
(C) Applicable depreciation group for additions is 367.0 and applicable depreciation rate is 3.0%
(D) Applicable depreciation group for retirements is 364.0 and applicable depreciation savings rate is 4.4%
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20210010-EI
EXHIBIT NO. MRR-2
DOCUMENT NO. 6
WITNESS: ROCHE
PAGE 10 OF 27
FILED: 05/03/2021
REVISED: 05/10/2021

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Calculation of the Current Period Actual/Estimated Amount
January 2021 to December 2021

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

Line	Description	Beginning of Period Amount	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	2021 October	2021 November	2021 December	2021 TOTAL
1.	Investments														
	a. Expenditures/Additions		$1,105,175	$811,360	$993,173	$1,418,793	$1,179,425	$1,295,253	$1,606,275	$1,550,411	$1,525,020	$1,399,104	$1,085,121	$1,183,050	$15,152,160
	b. Clearings to Plant		$765,824	$119,151	$0	$3,921,110	$1,497,458	$859,452	$1,508,735	$1,601,063	$4,350,000	$1,277,014	$0	$2,698,075	$18,597,882
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base	$414,433	1,180,257	1,299,408	1,299,408	5,220,519	6,717,976	7,577,429	9,086,163	10,687,226	15,037,226	16,314,240	16,314,240	19,012,315	
3.	Less: Net Accumulated Depreciation	(4,323)	(5,430)	(8,820)	(12,424)	(16,028)	(30,220)	(48,454)	(69,008)	(93,637)	(122,588)	(163,284)	(207,428)	(251,572)	
4.	CWIP - Non-Interest Bearing	4,538,546	4,877,897	5,570,107	6,563,280	4,060,962	3,742,929	4,178,729	4,276,270	4,225,618	1,400,638	1,522,728	2,607,849	1,092,825	
5.	Net Investment (Lines 2 + 3 + 4)	$4,948,657	6,052,725	6,860,695	7,850,264	9,265,452	10,430,686	11,707,704	13,293,425	14,819,208	16,315,277	17,673,684	18,714,662	19,853,568	
6.	Average Net Investment		5,500,691	6,456,710	7,355,479	8,557,858	9,848,069	11,069,195	12,500,564	14,056,316	15,567,242	16,994,481	18,194,173	19,284,115	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		28,424	33,365	38,009	44,222	50,889	57,199	64,596	72,635	80,442	87,818	94,017	99,649	751,265
	b. Debt Component Grossed Up For Taxes (B)		7,524	8,832	10,061	11,706	13,471	15,141	17,099	19,227	21,293	23,246	24,887	26,377	198,864
			35,948	42,197	48,070	55,928	64,360	72,340	81,695	91,862	101,735	111,064	118,904	126,026	950,129
8.	Investment Expenses														
	a. Depreciation (C)		1,226	3,522	3,861	3,861	15,624	20,116	22,695	27,221	32,024	45,074	48,905	48,905	273,032
	b. Depreciation Savings (D)		(118)	(132)	(256)	(256)	(1,433)	(1,882)	(2,140)	(2,592)	(3,073)	(4,378)	(4,761)	(4,761)	(25,783)
	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)		602	602	602	602	602	602	602	602	602	602	602	596	7,218
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		37,657	46,189	52,276	60,134	79,153	91,176	102,852	117,092	131,288	152,362	163,650	170,766	1,204,595
	a. Recoverable Costs Allocated to Demand		37,657	46,189	52,276	60,134	79,153	91,176	102,852	117,092	131,288	152,362	163,650	170,766	1,204,595
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Transmission Demand Jurisdictional Factor		0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	
11.	Transmission Energy Jurisdictional Factor		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
12.	Retail Transmission Demand-Related Recoverable Costs (F)		34,861	42,760	48,395	55,670	73,277	84,407	95,217	108,399	121,542	141,051	151,501	158,089	1,115,170
13.	Retail Transmission Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$34,861	$42,760	$48,395	$55,670	$73,277	$84,407	$95,217	$108,399	$121,542	$141,051	$151,501	$158,089	$1,115,170

Notes:
(A) Line 6 x 6.2009% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.6414% x 1/12 (Jan-Dec).
(C) Applicable depreciation groups for additions are 355.0, 356.0, 364.0, 365.0, 367.0, and 369.0 and applicable depreciation rates are 3.6%, 2.8%, 4.4%, 3.1%, 3.0%, and 3.4% respectively
(D) Applicable depreciation groups for retirements are 355.0, 356.0, and 368.0 and applicable depreciation savings rates are 3.6%, 2.8%, and 4.4% respectively
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Calculation of the Current Period Actual/Estimated Amount
January 2021 to December 2021

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

Line	Description	Beginning of Period Amount	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	2021 October	2021 November	2021 December	2021 TOTAL
1.	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base	$0	0	0	0	0	0	0	0	0	0	0	0	0	
3.	Less: Net Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	$0	0	0	0	0	0	0	0	0	0	0	0	0	
6.	Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Debt Component Grossed Up For Taxes (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
8.	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Depreciation Savings (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Property Taxes (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
	a. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Distribution Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Distribution Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Distribution Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Notes:
(A) Line 6 x 6.2009% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.6414% x 1/12 (Jan-Dec).
(C) Applicable depreciation group for additions is TBD and applicable depreciation rate is TBD
(D) No retirements are anticipated for this program
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Calculation of the Current Period Actual/Estimated Amount
January 2021 to December 2021

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

Line	Description	Beginning of Period Amount	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	2021 October	2021 November	2021 December	2021 TOTAL
1.	Investments														
	a. Expenditures/Additions		$854,599	$1,127,309	$1,627,282	$2,626,361	$1,620,500	$1,212,189	$1,017,123	$1,803,020	$2,047,587	$686,678	$352,881	$358,932	$15,334,461
	b. Clearings to Plant		$100,138	$10,967	$0	$0	$6,558,545	$1,423,330	$1,031,477	$0	$2,045,182	$2,971,245	$0	$0	$14,140,884
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	$0	100,138	111,105	111,105	111,105	6,669,650	8,092,981	9,124,458	9,124,458	11,169,639	14,140,884	14,140,884	14,140,884	
3.	Less: Net Accumulated Depreciation	0	0	(156)	(329)	(501)	(674)	(15,859)	(34,175)	(54,761)	(75,347)	(100,432)	(132,054)	(163,675)	
4.	CWIP - Non-Interest Bearing	3,798,471	4,552,932	5,669,273	7,296,555	9,922,916	4,984,871	4,773,730	4,759,375	6,562,396	6,564,801	4,280,234	4,633,115	4,992,048	
5.	Net Investment (Lines 2 + 3 + 4)	$3,798,471	4,653,070	5,780,223	7,407,332	10,033,520	11,653,848	12,850,852	13,849,658	15,632,093	17,659,093	18,320,687	18,641,946	18,969,257	
6.	Average Net Investment		4,225,771	5,216,646	6,593,777	8,720,426	10,843,684	12,252,350	13,350,255	14,740,875	16,645,593	17,989,890	18,481,316	18,805,601	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		21,836	26,957	34,073	45,062	56,034	63,313	68,986	76,172	86,015	92,961	95,501	97,176	764,086
	b. Debt Component Grossed Up For Taxes (B)		5,780	7,136	9,019	11,928	14,832	16,759	18,261	20,163	22,768	24,607	25,279	25,723	202,255
			27,616	34,093	43,092	56,990	70,866	80,072	87,247	96,335	108,783	117,568	120,780	122,899	966,341
8.	Investment Expenses														
	a. Depreciation (C)		0	200	222	222	222	24,270	29,489	33,271	33,271	40,770	51,665	51,665	265,268
	b. Depreciation Savings (D)		0	(44)	(49)	(49)	(49)	(9,085)	(11,173)	(12,686)	(12,686)	(15,685)	(20,043)	(20,043)	(101,593)
	c. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Property Taxes (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		27,616	34,249	43,265	57,163	71,039	95,257	105,563	116,921	129,369	142,653	152,402	154,521	1,130,018
	a. Recoverable Costs Allocated to Demand		27,616	34,249	43,265	57,163	71,039	95,257	105,563	116,921	129,369	142,653	152,402	154,521	1,130,018
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Distribution Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Distribution Energy Jurisdictional Factor		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
12.	Retail Distribution Demand-Related Recoverable Costs (F)		27,616	34,249	43,265	57,163	71,039	95,257	105,563	116,921	129,369	142,653	152,402	154,521	1,130,018
13.	Retail Distribution Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$27,616	$34,249	$43,265	$57,163	$71,039	$95,257	$105,563	$116,921	$129,369	$142,653	$152,402	$154,521	$1,130,018

Notes:
(A) Line 6 x 6.2009% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.6414% x 1/12 (Jan-Dec).
(C) Applicable depreciation groups for additions are 364.0 and 362.0 and applicable depreciation rates are 4.4% and 2.4% respectively
(D) Applicable depreciation groups for retirements are364.0 and 362.0 and applicable depreciation savings rates are 4.4% and 2.4% respectively
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20210010-EI
EXHIBIT NO. MRR-2
DOCUMENT NO. 6
WITNESS: ROCHE
PAGE 13 OF 27
FILED: 05/03/2021
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Tampa Electric Company
Storm Protection Plan Cost Recovery Clause (SPPCRC)
Calculation of the Current Period Actual/Estimated Amount
January 2021 to December 2021

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

Line	Description	Beginning of Period Amount	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2021 September	2021 October	2021 November	2021 December	2021 TOTAL
1.	Investments														
	a. Expenditures/Additions		$0	$0	$20,000	$85,385	$85,385	$85,385	$132,508	$132,508	$132,508	$224,819	$224,819	$204,819	$1,328,137
	b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base	$0	0	0	0	0	0	0	0	0	0	0	0	0	
3.	Less: Net Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	CWIP - Non-Interest Bearing	0	0	0	20,000	105,385	190,770	276,155	408,663	541,172	673,680	898,499	1,123,318	1,328,137	
5.	Net Investment (Lines 2 + 3 + 4)	$0	0	0	20,000	105,385	190,770	276,155	408,663	541,172	673,680	898,499	1,123,318	1,328,137	
6.	Average Net Investment		0	0	10,000	62,692	148,077	233,462	342,409	474,917	607,426	786,089	1,010,908	1,225,727	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (A)		0	0	52	324	765	1,206	1,769	2,454	3,139	4,062	5,224	6,334	25,329
	b. Debt Component Grossed Up For Taxes (B)		0	0	14	86	203	319	468	650	831	1,075	1,383	1,677	6,706
			0	0	66	410	968	1,525	2,237	3,104	3,970	5,137	6,607	8,011	32,035
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	66	410	968	1,525	2,237	3,104	3,970	5,137	6,607	8,011	32,035
	a. Recoverable Costs Allocated to Demand		0	0	66	410	968	1,525	2,237	3,104	3,970	5,137	6,607	8,011	32,035
	b. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Transmission Demand Jurisdictional Factor		0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	0.92576322	
11.	Transmission Energy Jurisdictional Factor		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
12.	Retail Transmission Demand-Related Recoverable Costs (F)		0	0	61	380	896	1,412	2,071	2,874	3,675	4,756	6,117	7,416	29,657
13.	Retail Transmission Energy-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$0	$0	$61	$380	$896	$1,412	$2,071	$2,874	$3,675	$4,756	$6,117	$7,416	$29,657

Notes:
(A) Line 6 x 6.2009% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830)
(B) Line 6 x 1.6414% x 1/12 (Jan-Dec).
(C) Applicable depreciation group for additions is 359.0 and applicable depreciation rate is 1.5%
(D) No retirements are anticipated for this program
(E) Ad Valorem Tax Rate is 1.76%
(F) Line 9a x line 10
(G) Line 9b x line 11

Tampa Electric Company
Storm Protection Plan Cost Recovery Clause
Calculation of Current Period Actual/Estimated Amount
Current Period: January through December 2021
Project Listing by Each Capital Program

Line		Capital Activities	T or D
1.	Distribution Lateral Undergrounding Program		
	1.1	LUG PCA 13390.92599119	D
	1.2	LUG PCA 13961.92829453	D
	1.3	LUG PCA 13724.90911087	D
	1.4	LUG PCA 13146.10629014	D
	1.5	LUG WHA 13972.92421291	D
	1.6	LUG WHA 13312.60182741	D
	1.7	LUG WHA 13972.90241880	D
	1.8	LUG PCA 13961.92820848	D
	1.9	LUG PCA 13961.60193482	D
	1.10	LUG PCA 13785.10676209	D
	1.11	LUG PCA 13462.60458175	D
	1.12	LUG PCA 14121.93159006	D
	1.13	LUG PCA 13462.60180762	D
	1.14	LUG PCA 13462.91407512	D
	1.15	LUG PCA 13390.10643541	D
	1.16	LUG PCA 13120.60015632	D
	1.17	LUG PCA 13785.92466250	D
	1.18	LUG CSA 14040.10786382	D
	1.19	LUG CSA 13840.93019714	D
	1.20	LUG CSA 14040.10786374	D
	1.21	LUG CSA 13836.91406672	D
	1.22	LUG DCA 13815.92407065	D
	1.23	LUG DCA 13815.90288627	D
	1.24	LUG DCA 13815.93026469	D
	1.25	LUG CSA 13183.60036344	D
	1.26	LUG CSA 13205.60059346	D
	1.27	LUG CSA 13934.10467606	D
	1.28	LUG CSA 13633.92740152	D
	1.29	LUG CSA 13592.10402239	D
	1.30	LUG CSA 13351.93283733	D
	1.31	LUG CSA 13099.90882614	D
	1.32	LUG CSA 13093.91004837	D
	1.33	LUG CSA 13630.10429536	D
	1.34	LUG CSA 13205.90998414	D
	1.35	LUG CSA 13948.91837409	D
	1.36	LUG CSA 13093.91004843	D
	1.37	LUG CSA 13836.91377944	D
	1.38	LUG CSA 13102.60123654	D
	1.39	LUG CSA 13158.92874802	D
	1.40	LUG CSA 13176.10375134	D
	1.41	LUG CSA 13107.10376173	D
	1.42	LUG CSA 13057.10121709	D
	1.43	LUG CSA 13418.92357188	D
	1.44	LUG CSA 13592.91213055	D
	1.45	LUG CSA 13100.91340554	D
	1.46	LUG CSA 13715.90737020	D
	1.47	LUG CSA 13176.91029163	D
	1.48	LUG CSA 13835.60131429	D
	1.49	LUG CSA 13593.93057902	D
	1.50	LUG CSA 13105.10580678	D

1.51	LUG CSA 13188.10655453	D
1.52	LUG CSA 13592.10402259	D
1.53	LUG CSA 13948.10442385	D
1.54	LUG ESA 13174.60588225	D
1.55	LUG ESA 13454.90755954	D
1.56	LUG ESA 13174.60451701	D
1.57	LUG ESA 13710.92881445	D
1.58	LUG ESA 13509.60287236	D
1.59	LUG SHA 13897.10933151	D
1.60	LUG ESA 13174.10913196	D
1.61	LUG ESA 13171.90598389	D
1.62	LUG ESA 13211.60044019	D
1.63	LUG ESA 13231.10868138	D
1.64	LUG ESA 13230.10471354	D
1.65	LUG ESA 13502.92679861	D
1.66	LUG ESA 13796.10842826	D
1.67	LUG ESA 13454.60140423	D
1.68	LUG ESA 13509.10501132	D
1.69	LUG ESA 13433.10466911	D
1.70	LUG ESA 13230.92208546	D
1.71	LUG ESA 13171.93104605	D
1.72	LUG ESA 13509.90504849	D
1.73	LUG ESA 13502.92573944	D
1.74	LUG ESA 13799.60395568	D
1.75	LUG ESA 13226.10462583	D
1.76	LUG ESA 14116.60140011	D
1.77	LUG ESA 13797.93188519	D
1.78	LUG ESA 13226.92664597	D
1.79	LUG ESA 13796.92728705	D
1.80	LUG ESA 13230.60258173	D
1.81	LUG ESA 13171.90374558	D
1.82	LUG ESA 13796.92884623	D
1.83	LUG ESA 13502.92577310	D
1.84	LUG ESA 13225.60139973	D
1.85	LUG ESA 13796.10842823	D
1.86	LUG ESA 13226.92670950	D
1.87	LUG ESA 13226.92665539	D
1.88	LUG ESA 13883.91179506	D
1.89	LUG ESA 13509.91772133	D
1.90	LUG ESA 13509.10501150	D
1.91	LUG ESA 13454.90429155	D
1.92	LUG ESA 13454.90397369	D
1.93	LUG ESA 13454.10472634	D
1.94	LUG ESA 13433.93369551	D
1.95	LUG ESA 13174.92555763	D
1.96	LUG ESA 13883.92008787	D
1.97	LUG ESA 13230.92180224	D
1.98	LUG WSA 14032.10820614	D
1.99	LUG WSA 13071.90738378	D
1.100	LUG WSA 14032.92634300	D

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1.102	LUG WSA 14032.91487301	D
1.103	LUG WSA 14032.10339836	D
1.104	LUG WSA 14032.92803239	D
1.105	LUG WSA 13071.91432110	D
1.106	LUG WSA 13071.91432109	D
1.107	LUG WSA 14032.92729035	D
1.108	LUG WSA 13198.92183966	D
1.109	LUG WSA 13678.90514649	D
1.110	LUG WSA 13425.10244449	D
1.111	LUG WSA 13670.93124410	D
1.112	LUG WSA 13428.91540495	D
1.113	LUG WSA 13332.91335523	D
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1.123	LUG WSA 13333.10007582	D
1.124	LUG WSA 13586.92298267	D
1.125	LUG WSA 13138.10145625	D
1.126	LUG WSA 13140.10013916	D
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1.362	LUG SHA 13342.91010293	D
1.363	LUG SHA 14020.60223573	D
1.364	LUG SHA 13342.10925094	D
1.365	LUG SHA 14024.90116190	D
1.366	LUG SHA 13817.10722417	D
1.367	LUG SHA 13003.10895211	D
1.368	LUG SHA 13342.90527363	D
1.369	LUG WSA 13605.90568909	D
1.370	LUG WSA 13162.92185426	D
1.371	LUG WSA 13194.90645535	D
1.372	LUG WSA 13079.60077624	D
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1.377	LUG WSA 13516.60169592	D
1.378	LUG WSA 13192.90932106	D
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1.380	LUG WSA 13863.60279838	D
1.381	LUG WSA 13109.90643551	D
1.382	LUG WSA 13332.91700188	D
1.383	LUG WSA 13756.90207831	D
1.384	LUG WSA 13672.60106849	D
1.385	LUG WSA 13860.10307215	D
1.386	LUG WSA 13756.60165355	D
1.387	LUG WSA 13672.10493801	D
1.388	LUG WSA 13864.10310468	D
1.389	LUG WSA 13864.10310497	D
1.390	LUG WSA 13586.92442286	D
1.391	LUG WSA 13672.91971930	D
1.392	LUG WSA 13192.90932283	D
1.393	LUG WSA 13678.10254063	D
1.394	LUG WSA 13141.10147344	D
1.395	LUG WSA 13756.10589587	D
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1.404	LUG WSA 13756.10589595	D
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1.406	LUG WSA 13428.90423835	D
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1.421	LUG WSA 13535.92983670	D
1.422	LUG WSA 13589.93177909	D
1.423	LUG WSA 13522.91934653	D
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1.431	LUG WSA 13059.93006225	D
1.432	LUG WSA 13207.90146892	D
1.433	LUG WSA 13162.10158434	D
1.434	LUG WSA 13079.60077605	D
1.435	LUG WSA 13870.90428273	D
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1.450	LUG WSA 13535.92959083	D

1.451	LUG WSA 13669.92774744	D
1.452	LUG WSA 13483.60393455	D
1.453	LUG WSA 13520.10242257	D
1.454	LUG WSA 13892.10338448	D
1.455	LUG WSA 13612.90312305	D
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1.457	LUG WSA 13334.91645657	D
1.458	LUG WSA 13490.92815117	D
1.459	LUG WSA 13522.10392902	D
1.460	LUG WSA 14030.60341032	D
1.461	LUG WSA 13574.10250638	D
1.462	LUG WSA 13138.10145602	D
1.463	LUG WSA 13220.10191173	D
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1.471	LUG WSA 13575.90054924	D
1.472	LUG WSA 13750.60110680	D
1.473	LUG WSA 13198.10051875	D
1.474	LUG WSA 13612.92956326	D
1.475	LUG WSA 13514.91361858	D
1.476	LUG WSA 13522.10392905	D
1.477	LUG WSA 14030.92669942	D
1.478	LUG WSA 13483.10173513	D
1.479	LUG WSA 13612.60003135	D
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1.482	LUG WSA 13575.90054386	D
1.483	LUG WSA 13522.10392882	D
1.484	LUG WSA 13198.10051851	D
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1.487	LUG WSA 13162.93124277	D
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1.489	LUG WSA 13198.10051896	D
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1.491	LUG WSA 13612.60002970	D
1.492	LUG WSA 14030.60125643	D
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1.494	LUG WSA 13071.92377934	D
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1.504	LUG WSA 13737.90740699	D
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1.510	LUG WSA 13612.90291123	D
1.511	LUG WSA 13109.60233901	D
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1.513	LUG WSA 13589.93162023	D
1.514	LUG WSA 13198.92585443	D
1.515	LUG WSA 14030.92669914	D
1.516	LUG WSA 13612.90312570	D
1.517	LUG WSA 13138.10145606	D
1.518	LUG WSA 14030.92669923	D
1.519	LUG WSA 13522.60305728	D
1.520	LUG WSA 13522.60305720	D
1.521	LUG ESA 13686.93697046	D
1.522	LUG WHA 13118.10535995	D
1.523	LUG WHA 13313.10684581	D

2. Transmission Asset Upgrades Program

2.1	SPP TAU - Circuit 66654	T
2.2	SPP TAU - Circuit 66840	T
2.3	SPP TAU - Circuit 66007	T
2.4	SPP TAU - Circuit 66019	T
2.5	SPP TAU - Circuit 66425	T
2.6	SPP TAU - Circuit 230403	T
2.7	SPP TAU - Circuit 66413	T
2.8	SPP TAU - Circuit 66046	T
2.9	SPP TAU - Circuit 66059	T
2.10	SPP TAU - Circuit 230008	T
2.11	SPP TAU - Circuit 230010	T
2.12	SPP TAU - Circuit 230038	T
2.13	SPP TAU - Circuit 230003	T
2.14	SPP TAU - Circuit 230005	T
2.15	SPP TAU - Circuit 230004	T
2.16	SPP TAU - Circuit 230625	T
2.17	SPP TAU - Circuit 230021	T
2.18	SPP TAU - Circuit 230052	T
2.19	SPP TAU - Circuit 66024	T
2.20	SPP TAU - Circuit 230608	T
2.21	SPP TAU - Circuit 230603	T
2.22	SPP TAU - Circuit 66407	T
2.23	SPP TAU - Circuit 66033	T
2.24	SPP TAU - Circuit 66016	T
2.25	SPP TAU - Circuit 66427	T
2.26	SPP TAU - Circuit 66415	T
2.27	SPP TAU - Circuit 66834	T
2.28	SPP TAU - Circuit 66022	T
2.29	SPP TAU - Circuit 66060	T
2.30	SPP TAU - Circuit 66048	T
2.31	SPP TAU - Circuit 66031	T
2.32	SPP TAU - Circuit 66036	T
2.33	SPP TAU - Circuit 230402	T
2.34	SPP TAU - Circuit 230412	T
2.35	SPP TAU - Circuit 230602	T
2.36	SPP TAU - Circuit 230012	T
2.37	SPP TAU - Circuit 230606	T
2.38	SPP TAU - Circuit 230033	T
2.39	SPP TAU - Circuit 230609	T
2.40	SPP TAU - Circuit 230013	T
2.41	SPP TAU - Circuit 66030	T
2.42	SPP TAU - Circuit 66025	T
2.43	SPP TAU - Circuit 66020	T
2.44	SPP TAU - Circuit 66027	T
2.45	SPP TAU - Circuit 66008	T
2.46	SPP TAU - Circuit 66001	T
2.47	SPP TAU - Circuit 66045	T

3.	Substation Extreme Weather Program		
	3.1	none	D
4	Distribution Overhead Feeder Hardening Program		
	4.1	SPP FH - E Winterhaven 13308	D
	4.2	SPP FH - Knights 13807	D
	4.3	SPP FH - Knights 13805	D
	4.4	SPP FH - Casey Road 13745	D
	4.5	SPP FH – Coolidge 13533 – OH Feeder	D
	4.6	SPP FH - Clarkwild 13461 -OH Feeder	D
	4.7	SPP FH - Fishhawk 14121 - OH Feeder	D
	4.8	SPP FH - Lake Magdalene 13939	D
	4.9	SPP FH - Ehrlich 13890	D
	4.10	SPP FH - 13443	D
	4.11	SPP FH - Brandon 13227	D
	4.12	SPP FH - Alexander Rd 13462 -OH Feed	D
	4.13	SPP FH - Pine Lake N 13633	D
	4.14	SPP FH - 13148	D
	4.15	SPP FH - 13048	D
	4.16	SPP FH - 13094	D
	4.17	SPP FH - 13770	D
	4.18	SPP FH - 13118	D
	4.19	SPP FH - 13296	D
	4.20	SPP FH - 13989	D
	4.21	SPP FH - 13984	D
	4.22	SPP FH - 14123	D
	4.23	SPP FH - Yukon 13101	D
	4.24	SPP FH - McFarland 13104	D
	4.25	SPP FH - Manhattan 13111	D
	4.26	SPP FH - East Winter Haven 13309	D
	4.27	SPP FH - 13313	D
	4.28	SPP FH - 13314	D
	4.29	SPP FH - 13339	D
	4.30	SPP FH - 13433	D
	4.31	SPP FH - 13808	D
	4.32	SPP FH - 13964	D
	4.33	SPP FH - 14094	D
5.	Transmission Access Enhancement Program		
	5.1	SPP TXE - 230008	T
	5.2	SPP TXE - 230623	T
	5.3	SPP TXE - P - Bridge	T
	5.4	SPP TXE - Hampton Sub - Bridge	T
	5.5	SPP TXE - 230033	T
	5.6	SPP TXE - Morris Bridge - Bridge	T
	5.7	SPP TXE - 66007	T
	5.8	SPP TXE - 230037	T
	5.9	SPP TXE - 66839	T
	5.10	SPP TXE - 230606	T
	5.11	SPP TXE - Columbus Dr #2 - Bridge	T
	5.12	SPP TXE - W. of Forbes Rd - Bridge	T
	5.13	SPP TXE - Columbus Dr #1 - Bridge	T
	5.14	SPP TXE - Tampa Palms #1 - Bridge	T
	5.15	SPP TXE - 19th AV NE - Bridge	T
	5.16	SPP TXE - E.Sydney Washer Rd-Bridge	T
	5.17	SPP TXE - Tampa Palms #3 - Bridge	T
	5.18	SPP TXE - Proposed M - Bridge	T

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

Form E-8
Page 1 of 1

Approved Capital Structure and Cost Rates
(in Dollars)

	(1) Jurisdictional Rate Base 2021 Adj. FESR ($000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	$ 2,398,774	33.85%	4.34%	1.4692%
Short Term Debt	299,519	4.23%	1.06%	0.0448%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	86,301	1.22%	2.44%	0.0297%
Common Equity	3,147,963	44.43%	10.25%	4.5537%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	948,501	13.39%	0.00%	0.0000%
Deferred ITC - Weighted Cost	204,707	2.89%	7.35%	0.2123%
Total	$ 7,085,765	100.00%		6.31%

ITC split between Debt and Equity:

Long Term Debt	$ 2,398,774	Long Term Debt	46.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	3,147,963	Equity - Common	54.00%
Total	$ 5,546,737	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = 0.2123% * 46.00%	0.0977%
Equity = 0.2123% * 54.00%	0.1146%
Weighted Cost	0.2123%

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.5537%
Deferred ITC - Weighted Cost	0.1146%
	4.6683%
Times Tax Multiplier	1.32830
Total Equity Component	6.2009%

Total Debt Cost Rate:

Long Term Debt	1.4692%
Short Term Debt	0.0448%
Customer Deposits	0.0297%
Deferred ITC - Weighted Cost	0.0977%
Total Debt Component	1.6414%
	7.8423%

Notes:

Column (1) - Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
Column (2) - Column (1) / Total Column (1)
Column (3) - Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology..
Column (4) - Column (2) x Column (3)

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DISTRIBUTION LATERAL UNDERGROUNDING

Program Description: This program will convert existing overhead distribution lateral facilities to underground to increase the resiliency and reliability of the distribution system serving the company's customers.

Program Projections: January 1, 2021 to December 31, 2021
During this period, there are 520 projected projects.

January 1, 2022 to December 31, 2022
During this period, there are 496 projected projects.

Program Fiscal Expenditures: January 1, 2021 to December 31, 2021
Expenditures are estimated to be $84.1 million.

January 1, 2022 to December 31, 2022
Expenditures are estimated to be $108.1 million.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: VEGETATION MANAGEMENT (VM)

Program Description: This program consists of the following VM activities and initiatives:

Distribution four-year cycle
Transmission two-year cycle
Initiative 1: Supplemental Distribution Circuit VM
Initiative 2: Mid-Cycle Distribution VM
Initiative 3: 69 kV VM Reclamation

Program Projections: January 1, 2021 to December 31, 2021

Distribution VM:	1,560 miles
Transmission VM:	530 miles
Initiative 1:	510.2 miles and 65,008 projected customers
Initiative 2:	243.1 miles and 95,733 projected customers
Initiative 3:	27 miles and 26,975 projected customers

January 1, 2022 to December 31, 2022

Distribution VM:	1,560 miles
Transmission VM:	530 miles
Initiative 1:	692 miles and 72,533 projected customers
Initiative 2:	196 miles and 77,128 projected customers
Initiative 3:	27 miles and 26,975 projected customers

Program Fiscal Expenditures: January 1, 2021 to December 31, 2021
Expenditures are estimated to be:

Distribution VM:	$13.0 million
Transmission VM:	$3.1 million
Initiative 1:	$5.5 million
Initiative 2:	$1.3 million
Initiative 3:	$0.7 million

January 1, 2022 to December 31, 2022
Expenditures are estimated to be:

Distribution VM:	$11.2 million
Transmission VM:	$2.9 million
Initiative 1:	$6.4 million
Initiative 2:	$3.6 million
Initiative 3:	$0.7 million

PROGRAM DESCRIPTION AND PROGRESS

Program Title: TRANSMISSION ASSET UPGRADES

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

Program Projections: January 1, 2021 to December 31, 2021
During this period, there are 46 projected projects, consisting of 577 poles.

January 1, 2022 to December 31, 2022
During this period, there are 27 projected projects, consisting of 615 poles.

Program Fiscal Expenditures: January 1, 2021 to December 31, 2021
Expenditures are estimated to be $15.6 million.

January 1, 2022 to December 31, 2022
Expenditures are estimated to be $15.4 million.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: SUBSTATION EXTREME WEATHER HARDENING

Program Description: This program will harden and protect the company's substation assets that are vulnerable to flood or storm surge.

Program Projections: January 1, 2021 to December 31, 2021
During this period, the substation study project will be performed.

January 1, 2022 to December 31, 2022
At the time of this filing, there are no projected projects due to the substation study project still being performed.

Program Fiscal Expenditures: January 1, 2021 to December 31, 2021
Expenditures are estimated to be $0.3 million.

January 1, 2022 to December 31, 2022
Expenditures are estimated to be $0.0 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 Projections: January 1, 2021 to December 31, 2021
During this period, there are 33 projected projects.

January 1, 2022 to December 31, 2022
During this period, there are 23 projected projects.

Program Fiscal Expenditures: January 1, 2021 to December 31, 2021
Expenditures are estimated to be $15.8 million.

January 1, 2022 to December 31, 2022
Expenditures are estimated to be $30.2 million.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: TRANSMISSION ACCESS ENHANCEMENT

Program Description: This program will ensure the company always has access to its transmission facilities so it can promptly restore its transmission system when outages occur.

Program Projections: January 1, 2021 to December 31, 2021
During this period, there are 18 projected projects.

January 1, 2022 to December 31, 2022
During this period, there are 11 projected projects.

Program Fiscal Expenditures: January 1, 2021 to December 31, 2021
Expenditures are estimated to be $1.3 million.

January 1, 2022 to December 31, 2022
Expenditures are estimated to be $1.5 million.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: INFRASTRUCTURE INSPECTIONS

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

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

Program Projections: January 1, 2021 to December 31, 2021

Distribution wood pole:	19,650 inspections
Distribution groundline:	19,121 inspections
Transmission wood pole/groundline:	367 inspections
Transmission above ground:	3,895 inspections
Transmission aerial infrared:	1,328 inspections
Transmission ground patrol:	25,416 inspections
Substation:	216 inspections

January 1, 2022 to December 31, 2022

Distribution wood pole:	33,700 inspections
Distribution groundline:	34,739 inspections
Transmission wood pole/groundline:	655 inspections
Transmission above ground:	3,396 inspections
Transmission aerial infrared:	1,328 inspections
Transmission ground patrol:	25,416 inspections
Substation:	219 inspections

Program Fiscal Expenditures: January 1, 2021 to December 31, 2021
Expenditures are estimated to be:

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

January 1, 2022 to December 31, 2022
Expenditures are estimated to be:

Distribution Infrastructure Inspections:	$1.0 million
Transmission Infrastructure Inspections:	$0.5 million

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMON EXPENSES

Program Description: These are expenses common to all programs.

Program Projections: N/A

Program Fiscal Expenditures: January 1, 2021 to December 31, 2021
Expenditures are estimated to be $1.1 million.

January 1, 2022 to December 31, 2022
Expenditures are estimated to be $0.7 million.

BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20210010-EI

IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE

TESTIMONY AND EXHIBIT

OF

DAVID L. PLUSQUELLIC

FILED: May 3, 2020

REFILED: May 10, 2020

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

DAVID L. PLUSQUELLIC

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

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

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

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

Q. Please describe your educational background and professional experience.

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

Q. What is the purpose of your direct testimony in this

proceeding?

A. The purpose of my direct testimony is to provide a description of each Storm Protection Plan ("SPP") Program and to provide the detailed listing of the associated SPP Projects and the activities that supports each SPP program. I will also provide an overview of how the projected Capital and Operating and Maintenance ("O&M") costs were developed.

Q. Are you sponsoring any exhibits in this proceeding?

A. Yes. I have prepared one exhibit entitled, "Exhibit of David L Plusquellic." It consists of eight documents and has been identified as Exhibit No. DLP-2, which contains the following documents:

- Document No. 1 provides Tampa Electric's Distribution Lateral Undergrounding Program's 2021-2022 Project List and Summary of Costs.
- Document No. 2 provides Tampa Electric's Transmission Asset Upgrades Program's 2021-2022 Project List and Summary of Costs.
- Document No. 3 provides Tampa Electric's Substation Extreme Weather Hardening Program's 2021-2022 Project List and Summary of Costs.

- Document No. 4 provides Tampa Electric's Distribution Overhead Feeder Hardening Program's 2021–2022 Project List and Summary of Costs.
- Document No. 5 provides Tampa Electric's Transmission Access Enhancement Program's 2021–2022 Project List and Summary of Costs.
- Document No. 6 provides Tampa Electric's Vegetation Management Program's 2021–2022 Activities and Summary of Costs.
- Document No. 7 provides Tampa Electric's Infrastructure Inspections Program's 2021-2022 Activities and Summary of Costs.
- Document No. 8 provides Tampa Electric's Common Storm Protection Plan 2021-2022 Activities and Summary of Costs.

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 program's costs, and how project-level costs were developed.

Q. Will your testimony address these topics for each of the SPP Programs for which the company is seeking cost

recovery?

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

Q. Will your testimony address how project-level costs were developed within each of the company's SPP Programs for which the company is seeking cost recovery?

A. Yes, my testimony will explain how the company developed the required Project-level details for the two years of the Plan for this Storm Protection Plan Cost Recovery Clause ("SPPCRC").

Distribution Lateral Undergrounding

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

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

Q. How many Distribution Lateral Underground projects are planned for 2021 and 2022?

A. Tampa Electric plans for the following activity in calendar years 2021 and 2022:

- During the period, January 1, 2021 to December 31, 2021, there are 520 projects planned.
- During the period January 1, 2022 to December 31, 2022 there are 496 projected projects planned.

This project detail is fully detailed in my Exhibit No. DLP-2, Document No. 1.

Q. Can you explain why this project count is different than the company's SPP April 10, 2020 filing, which reflected 281 projects in 2021 and 316 projects in 2022?

A. Yes, following the April 10, 2020 filing, Tampa Electric has been working through the necessary functions to establish the SPP programs. As the company was working through the execution of the 2020-2029 SPP, the company concluded to revise the timelines for all of this program's projects to accommodate engineering, permits, easements and other pre-construction activities further in advance of the construction start dates. Accelerating engineering and pre-construction activities does change

the timelines in the SPP, which alters the project count for individual years as compared to what was filed on April 10, 2020. The original plan reflected both pre-construction and construction within a single calendar year. Because the company is doing more engineering in advance of construction, the "project count" in all years will increase to reflect both the advanced work on pre-construction projects and the construction projects that were originally filed.

Q. Did Tampa Electric communicate these changes?

A. Yes, Tampa Electric communicated these changes during the discovery period in Docket No. 20200067-EI and again, as part of my Direct Testimony in support of the company's Storm Protection Plan Cost Recovery Clause projection filing on July 24, 2020 in Docket 20200092-EI. These communications stated that the company refined its project schedules for the company's distribution lateral undergrounding program. While the supplemental response was in reference to 2021, as a part of this refinement, the start dates and completion dates for construction of some projects were changed in all project years to reflect the modified approach. In addition, the company is accelerating the activities to design and secure land

rights further in advance of construction than what was originally filed.

Q. Do the new project counts reflect the prioritization that served as the basis for the original filing?

A. Yes, the prioritization of the projects is the same as what was filed on April 10, 2020 with a refined strategy for engineering and acquiring land rights further in advance of construction.

Q. What are the total projected expenditures for this Program?

A. Tampa Electric estimates expenditures for this program during calendar years 2021 and 2022 as follows:

- During the period, January 1, 2021 to December 31, 2021, estimated expenditures are $84.1 million.
- During the period, January 1, 2022 to December 31, 2022, estimated expenditures are $108.1 million.

Q. Do these projected expenditures match what was filed on April 10, 2020?

A. No, the schedule refinement that I explained above

resulted in front loading more engineering work on more projects which raised the cost estimate by approximately $4.7 million in 2021. The projected expenditures for 2020 match what was filed on April 10, 2020.

Q. Can you provide a breakdown of the projected expenditures by categories such as capital and operating and maintenance ("O&M") expenses?

A. The Distribution Lateral Undergrounding Program expenditures are 100 percent capital. There are no expected O&M expenses.

Q. What are the different components that make up the cost of a distribution lateral underground conversion project?

A. The projects will be completed primarily by external contractor partners. The main components of the project's cost will be contractor labor, materials, as well as some internal costs to administer and manage the program. The internal costs reflect labor dedicated to the Program as well as a small amount of O&M for things like office supplies and incidental travel associated with the program.

Q. How did you develop a cost estimate for each of these components?

A. The company developed cost assumptions based on internal historical data, an internal cost estimation tool, and information obtained from industry sources with experience in this type of work. This data was used to develop a unit rate or activity rate for each type of asset.

Q. Does each project have its own unique cost estimate profile?

A. Yes, each project is assigned characteristics based on its location, the number of phases, the number of customers, and the number and type of assets that will need to be converted.

Q. Were the distribution undergrounding lateral conversion project's costs estimated using a single average that was then applied to all projects?

A. No, the company used the individual component pricing data to develop an estimate for each project based on its unique characteristics, the number of assets, and the

type of assets.

Q. Were the same underlying cost assumptions used to develop the cost estimate for each project?

A. Yes, the company used the same unit rate or activity rate for each type of asset.

Q. Can you explain how the cost assumptions were used to develop a cost estimate?

A. Yes, the number of each asset type would be multiplied by the activity or unit rate to determine a cost estimate for each asset type. The project-level estimate represents the sum of the estimates for each asset type. The activity rates include the external labor rates as well as materials.

Q. How do the project characteristics such as number of customers, number of phases and location of existing assets factor into the cost estimates?

A. These characteristics directly affect the necessary volume of work, the number and types of assets within the project scope, and the activity rate that is used for the

project-level cost estimate.

Transmission Asset Upgrades

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

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

Q. How many Transmission Asset Upgrade projects are planned for 2021 and 2022?

A. Tampa Electric plans for the following activity in calendar years 2021 and 2022:

- January 1, 2021 to December 31, 2021 – 46 projects, consisting of 577 poles.
- January 1, 2022 to December 31, 2022 – 27 projects, consisting of 615 poles.

This project detail is fully detailed in my Exhibit No. DLP-2, Document No. 2.

Q. Will you please explain how this aligns with the projects counts and prioritization reflected in the filing made on April 10, 2020 for the 2021 and 2022 periods?

A. Yes, the company's filed Plan called for 35 projects in 2021 and 28 projects in 2022. The 73 projects scheduled in 2021 and 2022 keep the same prioritization that was used to develop the first three years of the company's 2020-2029 SPP that was filed on April 10, 2020.

Q. Does the company's filing in this docket include any different projects other than those included in the SPP filing dated April 10, 2020?

A. No, all the projects are the same with the exception of the two additional projects that were moved from 2022 into 2021 that was communicated in the company's original SPPCRC projection filing that was filed on July 24, 2020.

Q. What are the total projected expenditures for this Program for the 2021 and 2022 periods?

A. Tampa Electric estimates expenditures for this program during 2021 and 2022 as follows:

- During the period January 1, 2021 to December 31, 2021, estimated expenditures are $15.6 million.
- During the period January 1, 2022 to December 31, 2022, estimated expenditures are $15.4 million.

Q. Do these projected expenditures match what was filed on April 10, 2020?

A. Yes, the current projected costs align with the cost estimates filed on April 10, 2020. The projected costs for 2021 and 2022 were increased by approximately $100,000 each year due to the projected increased transfer costs. Transfer costs are the cost incurred when moving existing wires from the existing wood structure to the newly constructed non-wood structure.

Q. Can you provide a breakdown of the projected expenditures by categories such as capital and O&M expenses?

A. Yes, the Transmission Asset Upgrade Program is predominantly capital, with some minimal O&M costs. The breakdown for each year is as follows:

- For the period January 1, 2021 to December 31, 2021:
  - Capital of $15.2 million
  - O&M of $0.4 million
- For the period January 1, 2022 to December 31, 2022:
  - Capital of $15.0 million
  - O&M of $0.5 million

Q. What are the activities that are associated with the O&M costs with this program?

A. The activity of transferring existing wires to the new non-wood material pole from the existing wooden pole being replaced is accounted for as an O&M cost.

Q. How did the company develop a cost estimate for each of these components?

A. The company has reactively replaced wood transmission poles that fail an inspection with non-wood material for many years. Because of these reactive replacements, the company has developed an extensive set of historical data for transmission pole replacements and upgrades. The historical data was used as a foundation for the project-level costs estimates.

Q. Were your project costs estimated using a single average that was then applied to all projects?

A. No.

Q. Does each transmission asset upgrade project have its own unique cost estimate profile?

A. Yes, each transmission asset upgrade project represents a transmission circuit, with a unique number of poles, unique terrain, and a unique location.

Substation Extreme Weather Hardening

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

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

Q. How many Substation Extreme Weather Hardening projects are planned for 2021 and 2022?

A. The company at the time of this filing is proposing no projects for the periods 2021 and 2022. The company is currently in the process of conducting the substation study project to further identify and evaluate other potential hardening solutions beyond the single solution that was modeled on the company's substations during the initial development of the company's Plan. This study may identify storm protection projects for substations that the company may initiate in 2022. This project detail is fully detailed in my Exhibit No. DLP-2,

Document No. 3.

Q. Does this represent the same number of projects you included in the filing made on April 10, 2020 for the 2021 and 2022 periods?

A. Yes.

Q. What are the total projected expenditures for this Program for the 2021 and 2022 periods?

A. Tampa Electric estimates expenditures for this Program during calendar years 2021 and 2022 as follows:

- During the period, January 1, 2021 to December 31, 2021, estimated expenditures are $0.3 million.
- During the period, January 1, 2022 to December 31, 2022, estimated expenditures are $0.0 million.

Q. Do these projected expenditures match what was filed on April 10, 2020?

A. Yes.

Q. Can you provide a breakdown of the projected expenditures by categories such as Capital and O&M expenses?

A. The 2021 study cost will be charged to O&M. At this time, the composition of future potential projects costs is not known.

Distribution Overhead Feeder Hardening

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

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

Q. How many Distribution Overhead Feeder Hardening projects are planned for 2021 and 2022?

A. Tampa Electric plans for the following activity in calendar years 2021 and 2022:

- January 1, 2021 to December 31, 2021 – 33 projects.
- January 1, 2022 to December 31, 2022 – 23 projects.

This project detail is fully detailed in my Exhibit No. DLP-2, Document No. 4.

Q. Does this represent the same number of projects you included in the company's Plan filing made on April 10, 2020 for the 2020 and 2021 periods?

A. No, the 56 projects scheduled in 2021 and 2022 keep the same prioritization that was communicated in the company's original SPPCRC Projection that was filed on July 24, 2020. The company communicated that it planned to complete 18 projects in 2021 and will begin work on early stages of an additional six future projects in 2022. This alternation to the schedule resulted from a long-term work forecast that aligned with anticipated resource availability and project schedules for 2021 and 2022 and will also allow the company to provide the benefits reflected in the April 10, 2020 filing.

Q. Does the company's filing in this docket include different projects than those included in the SPP filing dated April 10, 2020?

A. No, other than starting the engineering work in late 2021 on the additional six projects for 2022, all of the projects are the same.

Q. What are the total projected expenditures for this

program in the 2021 and 2022 periods?

A. Tampa Electric estimates expenditures for this Program during calendar years 2021 and 2022 as follows:

- During the period January 1, 2021 to December 31, 2021, estimated expenditures are $15.8 million.
- During the period January 1, 2022 to December 31, 2022, estimated expenditures are $30.2 million.

Q. Do these projected expenditures match what was filed on April 10, 2020?

A. Yes, the current projected costs align with the cost estimates filed on April 10, 2020. The projected costs for 2021 and 2022 have increased slightly driven almost entirely by an expected higher cost of transferring assets to the new pole and the engineering of the six additional projects. This slight increase was communicated in the company's original SPPCRC projection filing that was filed on July 24, 2020.

Q. Can you provide a breakdown of the projected expenditures by categories such as capital and O&M expenses?

A. The Distribution Overhead Feeder Hardening Program is

predominantly capital with some minimal O&M costs. The breakdown for each year is as follows:

- For the period January 1, 2021 to December 31, 2021:
  - Capital of $15.3 million
  - O&M of $0.5 million
- For the period January 1, 2022 to December 31, 2022:
  - Capital of $29.6 million
  - O&M of $0.7 million

Q. What are the activities that are associated with the O&M costs with this program?

A. The activity of transferring existing wires to the new overhead feeder hardening equipment from the existing equipment being replaced is accounted for as an O&M cost.

Q. Does each overhead feeder hardening project have its own unique cost estimate profile?

A. Yes, each overhead feeder hardening project represents a distribution overhead feeder that will be hardened. The underlying project information is specific to each feeder. This includes location, asset type, work scope,

number of assets to be installed or hardened and other information that is unique to each circuit.

Q. How were the cost assumptions used to develop cost estimates for each project?

A. The company first defined the attributes of a hardened feeder, which includes poles meeting National Electrical Safety Code ("NESC") Extreme Wind loading criteria; no poles lower than a class 2; no conductor size smaller than 336 aluminum conductor, steel reinforced ("ACSR"); single phase reclosers or trip savers on laterals; feeder segmented and automated with no more than 200-400 customers per section and no segment longer than 2-3 miles; no more than two to three megawatts of load served on each segment; and circuit ties to other feeders with available switching capacity. These criteria were then applied to each potential overhead feeder project to develop an estimate of the cost to harden that feeder.

Transmission Access Enhancement

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

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

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

Q. How many Transmission Access Enhancement projects are planned for 2021 and 2022?

A. Tampa Electric plans for the following activity in calendar years 2021 and 2022:

- January 1, 2021 to December 31, 2021 – 18 projected projects.
- January 1, 2022 to December 31, 2022 – 11 projected projects.

This project detail is fully detailed in my Exhibit No. DLP-2, Document No. 5.

Q. Does this represent the same number of projects you included in the filing made on April 10, 2020 for the period 2021 and 2022?

A. No, the 29 projects scheduled in 2021 and 2022 keep the same prioritization that was communicated in the company's original SPPCRC Projection that was filed on July 24, 2020. The company communicated that it planned to increase the number of projects from eight to eighteen for 2021. Tampa Electric, upon filing its Plan,

determined that it could achieve efficiency and avoid potential delays in construction by beginning engineering, design and permitting for future projects earlier than originally planned which increased the number of active projects in both years.

Q. Does the company's filing in this docket include different projects than those included in the SPP filing dated April 10, 2020?

A. No, with the exception of the additional projects that are beginning earlier, the projects and the prioritization are consistent with the filing made on April 10, 2020.

Q. What are the total projected expenditures for this Program in the 2021 and 2022 periods?

A. Tampa Electric estimates expenditures for this Program during calendar years 2021 and 2022 as follows:

- During the period January 1, 2021 to December 31, 2021, estimated expenditures are $1.3.
- During the period January 1, 2022 to December 31, 2022, estimated expenditures are $1.5 million.

Q. Do these projected expenditures match what was filed on

April 10, 2020?

A. No, other than a slight increase due to the reasons explained above, the projected expenditures match what was filed on April 10, 2020.

Q. Can you provide a breakdown of the projected expenditures by categories such as capital and O&M expenses?

A. The Transmission Asset Enhancement Program is 100 percent capital. There are no expected O&M expenses.

Q. What is the basis for your project-level cost estimates?

A. The company has both historical and recent experience with road and bridge projects. This information was the foundation for preparing estimates for the permitting, surveying, engineering, and construction costs.

Q. Does each project have its own unique cost estimate profile?

A. Yes, each project has a unique project cost estimate based on factors such as project type, type of construction, location, permits required and the quantity

of material.

Vegetation Management

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

A. The VM Program consists of three parts including existing legacy storm hardening VM activities and three new VM initiatives that will impact the SPPCRC. The three parts of existing legacy storm hardening VM activities include the following:

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

The three new VM initiatives are:

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

Q. What VM programs does the company have that will not impact the SPPCRC?

A. The company performs unplanned VM on both the distribution and transmission system. Both of these VM

activities will remain in base rates and not in the SPPCRC.

Q. Does this represent the same number of initiatives you included in the filing made on April 10, 2020 for the period 2021 and 2022?

A. Yes.

Q. What level of activity are you projecting for each initiative during the period 2021?

A. For the period January 1, 2021 to December 31, 2021, the company projects the following activities:

- Distribution VM: 1,560 miles
- Transmission VM: 530 miles
- Initiative 1: 510 miles and 65,008 customers
- Initiative 2: 243 miles and 95,733 customers
- Initiative 3: 27 miles and 26,975 customers

This activity detail is fully detailed in my Exhibit No. DLP-2, Document No. 6.

Q. What level of activity are you projecting for each initiative during the period 2022?

A. For the period January 1, 2022 to December 31, 2022, the company projects the following activities:

- Distribution VM: 1,560 miles
- Transmission VM: 530 miles
- Initiative 1: 692 miles and 72,533 customers
- Initiative 2: 196 miles and 77,128 customers
- Initiative 3: 27 miles and 26,975 customers

This activity detail is fully detailed in my Exhibit No. DLP-2, Document No. 6.

Q. Does this represent the same projected activity levels included in the filing made on April 10, 2020 for the period 2021 and 2022?

A. Yes.

Q. What are the total projected expenditures for this Program during the period 2021?

A. For the period January 1, 2021 to December 31, 2021, expenditures are estimated to be:

- Distribution VM: $13.0 million
- Transmission VM: $3.1 million
- Initiative 1: $5.5 million
- Initiative 2: $1.3 million

- Initiative 3: $0.7 million

Q. What are the total projected expenditures for this Program during the period 2022?

A. For the period January 1, 2022 to December 31, 2022, expenditures are estimated to be:

- Distribution VM: $11.2 million
- Transmission VM: $2.9 million
- Initiative 1: $6.4 million
- Initiative 2: $3.6 million
- Initiative 3: $0.7 million

Q. Do these projected expenditures match what was filed on April 10, 2020?

A. Yes.

Q. Can you provide a breakdown of the projected expenditures by categories such as Capital and O&M expenses?

A. The VM Program is 100 percent O&M expenses. There are no expected capital expenses.

Q. How were the estimated costs of this program developed?

A. The company used historical data along with current labor and equipment rates to develop the cost estimates for each component of this program. The company also engaged Accenture to assist in the development of the new VM initiatives, including the level of incremental work and the cost for each initiative.

Q. Can you explain how that information was used to develop a cost estimate for each initiative?

A. Yes, the activity levels for each initiative were multiplied by the labor and equipment rates associated with each activity within that initiative. The company relied on the historical data as well as current estimates of labor and equipment rates.

Infrastructure Inspections

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

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

Q. How many infrastructure inspection projects does the company plan to complete in 2021 and 2022?

A. Tampa Electric conducts thousands of inspections each year. The number of inspections by type planned for 2020 and 2021 are as follows:

Distribution:	2021	2022
Wood Pole:	19,650	33,700
Groundline:	19,121	34,739

Transmission:	2021	2022
Wood Pole/Groundline:	367	655
Above Ground:	3,895	3,396
Aerial Infrared Patrol:	Annually	Annually
Ground Patrol:	Annually	Annually
Substations:	Annually	Annually

This activity detail is fully detailed in my Exhibit No. DLP-2, Document No. 7.

Q. Does this represent the same number of projects you included in the filing made on April 10, 2020 for the period 2021 and 2022?

A. No, Tampa Electric in 2021 is completing the final year

of the eight-year distribution wood pole inspection cycle which is driving the slight difference in numbers.

Q. What are the total projected expenditures for this Program in the 2021 and 2022 periods?

A. The estimated costs for this program for January 1, 2021 through December 2021 is $1.2 million, and $1.5 million for 2022.

Q. Can you provide a breakdown of the projected expenditures by categories such as capital and O&M expenses?

A. All costs associated with this program are 100 percent O&M. There are no Capital expenditures with this program.

Q. What is the basis for your cost estimates?

A. The company has long-standing inspection programs with a large data set of historical activity and spend. The projected spend for each inspection type is based on projected activity and historical spending.

LEGACY STORM HARDENING INITIATIVES

Q. What are the legacy storm hardening initiatives?

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

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

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

- Four-year distribution vegetation management
- Two-year transmission vegetation management
- Transmission Right of Way vegetation management
- Distribution infrastructure inspections
- Transmission infrastructure inspections
- Transmission asset upgrades

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

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

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

Q. Does the company have individual project detail for these ongoing storm hardening initiatives for the period 2020 and 2021?

A. No, these "other" ongoing storm hardening initiatives are well-established, steady state programs for which the company does not propose any specific Storm Protection Projects at this time.

Q. Is the company seeking cost recovery for any of these "Other" ongoing legacy storm hardening in this SPPCRC proceeding?

A. No.

Q. Is the company planning on communicating the annual updates for these other legacy storm hardening initiatives?

A. Yes, Tampa Electric will provide the annual update for these other legacy storm hardening initiatives included in the annual SPP Report due to the Commission on June 1, 2021.

COMMON STORM PROTECTION PLAN ACTIVITIES AND COSTS

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

A. Yes, the costs in the Common Costs category represent those costs that cannot be attributed to a specific Program. They are an accumulation of incremental costs associated with developing, implementing, managing, and administering the SPP.

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

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

support the administration of the SPP as a whole.

Q. In the Common Cost Category, please explain what the projected charge for external consultants in 2021 is for?

A. As Tampa Electric began the process of standing up the SPP programs in 2020, the company began learning many valuable lessons learned. It became evident that the original planned methodology for completing projects in the Distribution Lateral Undergrounding Program would lead to some future inefficiencies. These inefficiencies would come from the way the company prioritized work in this program. The company originally prioritized lateral segments between protection devices based upon their reliability during extreme weather events. During the standing up of the program, the company realized that this methodology would create inefficiencies by having portions of an overhead lateral undergrounded which would cause additional work to go into a neighborhood, setup for work, perform the work, tear down the setup for work, and then revisit this same area in future years to underground another prioritized portion. The company did combine projects that were prioritized in the first ten-years of this program but believes that a different methodology could provide better work efficiencies. The

company also noted that it would be a better customer experience by undergrounding as much as the overhead lateral as feasible during one work project in that community. Because of these lessons and additional ones that the company has observed, make it necessary to reprioritize the Distribution Lateral Undergrounding Program projects based upon the entire overhead lateral. This updated analysis, modelling and prioritization will provide the support and documentation for the company's 2022-2031 SPP that will be filed in early 2022 and will also ensure that the 2022-2031 SPP represents an opportunity to fully evaluate these opportunities, incorporate those that improve the SPP Programs and ensure optimal value and efficiency is provided to customers. Tampa Electric brought in same outside consultants that assisted the company in its SPP that was filed on April 10, 2020 to perform this reprioritization. In addition, the company has asked this outside consultant with assisting Tampa Electric in the development and documentation of an efficient organizational structure that can support the level of work necessary for a successful SPP.

Q. Were these costs reflected in the company's SPP filing on April 10, 2020?

A. No, the reprioritization costs and consulting assistance cost were not included in the company's SPP filed on April 10, 2020 as the reasons to hire the consultant again in 2021, was driven by the explanation above.

Q. How much does the company project to spend on common expenses in the 2021 and 2022 periods?

A. The company projects spending $1.1 million in 2021 and $0.7 million in 2022.

Q. Please provide a breakdown of these common costs in each calendar year.

A. The following is a summary level breakdown of the costs in each calendar year:

- Calendar year 2021 costs reflect the following:
  - $0.5 million of external consulting
  - $0.6 million of internal labor
- Calendar year 2022 costs reflect the following:
  - $0.7 million of internal labor

This activity detail is fully detailed in my Exhibit No. DLP-2, Document No. 8.

CONCLUSIONS

Q. Please summarize your direct testimony.

A. My testimony identifies the programs for which Tampa Electric is seeking cost recovery for expenditures occurring in 2021 and 2022. My testimony describes the number and types of activities that will be carried out under the company's SPP in 2021 and 2022 and explains how the company developed estimates of the cost of each of these activities. My testimony also demonstrates that the estimated costs are reasonable since they are based on sound methods and because the company has a high level of confidence in its projections.

Q. Are the company's planned activities and projected costs consistent with the company's Storm Protection Plan?

A. Yes, as I explained in my testimony, the company has implemented each of the Programs in a manner consistent with the company's SPP filing made on April 10, 2020. While schedules have been refined in some cases, the planned activities are prioritized consistently with the SPP and the projected costs are largely consistent at both the Program and project levels.

Q. Should the Commission approve the company's projected expenditures for its Distribution Lateral Undergrounding, Transmission Asset Upgrades, Substation Extreme Weather Hardening, Distribution Overhead Feeder Hardening, Transmission Access Enhancement, Vegetation Management, Infrastructure Inspections Programs and Common SPP costs?

A. Yes, these projected expenditures should be approved. The projected costs are reasonable and consistent with the company's SPP.

Q. Does this conclude your testimony?

A. Yes.

EXHIBIT

OF

DAVE L. PLUSQUELLIC

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	2021 Cost Estimate	2022 Cost Estimate
Distribution Lateral Undergrounding Program Total	**84,101,703**	**108,076,036**
LUG PCA 13390.92599119	1,665,458	-
LUG PCA 13961.92829453	173,457	-
LUG PCA 13724.90911087	298,114	-
LUG PCA 13146.10629014	459,265	-
LUG WHA 13972.92421291	110,694	-
LUG WHA 13312.60182741	(88,334)	-
LUG WHA 13972.90241880	453,136	-
LUG PCA 13961.92820848	76,087	-
LUG PCA 13961.60193482	191,535	-
LUG PCA 13785.10676209	(142,470)	-
LUG WSA 14032.92634300	331,496	-
LUG WSA 13071.91245761	114,105	-
LUG WSA 14032.91487301	198,765	-
LUG WSA 14032.10339836	60,784	-
LUG WSA 14032.92803239	205,026	-
LUG WSA 13071.91432110	(35,713)	-
LUG WSA 13071.91432109	184,778	-
LUG WSA 14032.92729035	361,489	-
LUG WSA 13198.92183966	131,424	-
LUG WSA 13678.90514649	421,177	-
LUG PCA 13462.60458175	232,800	-
LUG WSA 13425.10244449	602,317	-
LUG WSA 13670.93124410	622,851	-
LUG WSA 13428.91540495	182,551	-
LUG WSA 13332.91335523	229,634	-
LUG WSA 13544.10053266	198,205	-
LUG WSA 13109.90641822	266,892	-
LUG WSA 13747.10299739	48,270	-
LUG WSA 13756.60165357	314,676	-
LUG WSA 13491.10230118	262,780	-
LUG WSA 13141.92630916	430,128	-
LUG PCA 14121.93159006	(95,245)	-
LUG WSA 13673.10277744	499,636	-
LUG WSA 13138.60079254	129,250	-
LUG WSA 13141.92442349	639,500	-
LUG WSA 13333.10007582	219,321	-
LUG WSA 13586.92298267	332,781	-
LUG WSA 13138.10145625	339,895	-
LUG WSA 13140.10013916	127,001	-
LUG WSA 13113.90796385	406,133	372,899
LUG WSA 13138.10145628	296,750	-
LUG WSA 13164.10158909	835,918	-
LUG PCA 13462.60180762	42,043	-
LUG WSA 13140.91873275	563,171	-

LUG WSA 13605.91052996	607,224	423,472
LUG WSA 13071.60170422	892,380	-
LUG WSA 13111.92999604	162,592	-
LUG WSA 13586.60303627	733,832	-
LUG PCA 13961.10696431	152,060	-
LUG PCA 13785.92299245	586,692	-
LUG PCA 13961.92834683	405,559	-
LUG PCA 13462.91407512	183,537	-
LUG PCA 13462.91412064	55,720	-
LUG PCA 13961.10696486	363,286	-
LUG PCA 13961.91967308	480,410	-
LUG PCA 13961.10696417	60,918	-
LUG WHA 13916.60279623	50,597	-
LUG WHA 13297.10560430	280,241	-
LUG WHA 13314.92426509	307,896	-
LUG WHA 13118.92612349	417,916	-
LUG WHA 13313.90084626	86,296	-
LUG WHA 13699.10637242	478,757	-
LUG WHA 13313.10684614	165,338	-
LUG WHA 13296.92376304	237,755	-
LUG WHA 13313.60568375	395,243	-
LUG WHA 13297.60269456	248,554	-
LUG WHA 13699.10637259	60,980	-
LUG WHA 13473.60168916	381,010	-
LUG WHA 13296.10562356	66,345	-
LUG WHA 13916.92509975	282,853	-
LUG WHA 13297.10560425	312,735	-
LUG WHA 13296.60531111	640,804	-
LUG PCA 13120.60015632	57,958	-
LUG WHA 13699.10637247	67,194	-
LUG WHA 13473.60168942	182,293	-
LUG WHA 13118.92659353	264,576	-
LUG WHA 13118.10535995	695,003	-
LUG WHA 13699.10637240	467,934	-
LUG WHA 13313.93103371	87,604	-
LUG WHA 13118.92204382	396,994	-
LUG WHA 13118.92659172	457,941	-
LUG WHA 13473.92097460	166,297	-
LUG WHA 13296.90010289	857,779	-
LUG PCA 13785.92466250	2,766,420	-
LUG WHA 13313.10684581	469,848	-
LUG WHA 13118.10535999	347,174	-
LUG WHA 13699.60165416	242,027	-
LUG WHA 13916.91386005	106,677	350,858
LUG WHA 13314.10567076	85,716	486,227
LUG WHA 13296.10562361	45,318	63,212
LUG WHA 13297.10560432	94,766	417,846

LUG WHA 13972.10618037	50,970	140,477
LUG PCA 13724.10671283	77,060	158,886
LUG PCA 13722.60360851	49,584	109,474
LUG CSA 14040.10786382	35,060	-
LUG PCA 13268.91633548	182,420	443,090
LUG PCA 13724.10671319	359,761	520,693
LUG PCA 13243.10791853	103,918	111,939
LUG PCA 13724.10671334	116,847	198,057
LUG PCA 13243.91351288	98,218	209,597
LUG PCA 13655.90431393	251,281	907,013
LUG PCA 13243.90684154	46,358	211,917
LUG PCA 13268.10705945	287,961	395,737
LUG PCA 13724.10671229	61,314	43,715
LUG PCA 13268.92962459	89,265	180,156
LUG CSA 13840.93019714	(13,290)	-
LUG PCA 13724.93103251	90,786	177,236
LUG PCA 13243.90586047	56,619	126,083
LUG PCA 13724.91049435	408,032	942,800
LUG CSA 13204.91532149	547,834	-
LUG CSA 13836.91406642	100,484	-
LUG CSA 14040.10786374	187,463	183,431
LUG CSA 13590.91231633	292,710	-
LUG CSA 13102.91293905	171,048	-
LUG CSA 13104.10362869	636,571	-
LUG CSA 13831.10427677	327,685	-
LUG CSA 14040.60233886	49,737	-
LUG CSA 13939.60144164	243,763	-
LUG CSA 13158.90816343	337,982	-
LUG CSA 13021.60058683	271,101	-
LUG CSA 13104.91643108	491,874	-
LUG CSA 13836.91406672	(72,100)	-
LUG CSA 13835.60314670	364,283	-
LUG CSA 13107.10376186	62,240	-
LUG CSA 13592.91365233	300,399	-
LUG CSA 13993.10372414	379,171	-
LUG CSA 13354.10582069	173,860	-
LUG CSA 13468.60128378	703,440	-
LUG CSA 13632.60305848	417,922	-
LUG DCA 13815.92407065	(181,473)	-
LUG CSA 13176.10375148	495,207	-
LUG CSA 13099.60125388	229,246	-
LUG CSA 14102.91582612	175,696	-
LUG CSA 13468.60128362	608,031	-
LUG CSA 13399.60037987	244,629	-
LUG CSA 13835.91773975	228,481	-
LUG CSA 13418.92018190	276,227	-
LUG CSA 13158.60011810	759,936	125,894

LUG DCA 13815.90288627	(193,929)	-
LUG CSA 13105.10580690	461,859	-
LUG CSA 13205.90022802	50,957	262,281
LUG CSA 13418.91924595	54,525	255,886
LUG CSA 13105.60164901	29,106	141,536
LUG CSA 13934.10467597	141,765	17,797
LUG CSA 13205.90442230	63,781	469,009
LUG CSA 14040.10786358	108,238	64,218
LUG CSA 13105.10580689	32,422	27,660
LUG DCA 13815.93026469	1,056,266	-
LUG CSA 13107.10376201	37,950	26,476
LUG CSA 13105.10580676	33,538	84,577
LUG CSA 13993.10433144	30,243	107,766
LUG CSA 13939.60144172	38,197	154,146
LUG CSA 13158.91461782	85,134	195,599
LUG CSA 13633.91847345	21,914	35,004
LUG CSA 13934.10467575	23,415	86,311
LUG CSA 13183.60036344	(36,843)	-
LUG CSA 13188.92070695	43,035	171,573
LUG CSA 13948.10442391	55,221	301,572
LUG CSA 13158.92347931	74,323	-
LUG CSA 13633.90564142	64,280	46,932
LUG DCA 13006.92949400	327,670	29,187
LUG DCA 13432.10761257	309,815	72,167
LUG CSA 13826.60127680	69,746	-
LUG CSA 13632.10408290	261,735	323,601
LUG CSA 13205.60059346	(73,663)	-
LUG CSA 13204.60170504	97,418	366,222
LUG CSA 13176.10375141	160,363	749,413
LUG CSA 13948.10442379	35,202	61,151
LUG CSA 13835.10429505	51,970	249,165
LUG CSA 13026.60059509	21,984	39,062
LUG CSA 13021.92350282	82,341	216,052
LUG CSA 13106.10361901	755,730	764,200
LUG CSA 13468.91640192	27,369	36,973
LUG CSA 13106.91722510	27,929	75,484
LUG CSA 13026.60059452	42,162	63,341
LUG CSA 13934.10467606	31,861	-
LUG CSA 13632.10408272	25,419	110,743
LUG CSA 13102.90748252	158,339	170,739
LUG CSA 13026.60059457	53,960	273,021
LUG CSA 13099.10368943	67,030	13,283
LUG CSA 13104.91668251	52,523	184,575
LUG CSA 13176.10375136	169,348	748,733
LUG CSA 13104.91241032	39,038	149,172
LUG CSA 13633.92740152	49,315	309,048
LUG ESA 13230.10471377	529,247	-

LUG ESA 13509.60346595	162,826	-
LUG ESA 13502.10497396	326,228	-
LUG ESA 13796.92356181	25,030	90,661
LUG ESA 13509.92890860	31,654	304,843
LUG ESA 13230.92496254	27,392	337,190
LUG ESA 13509.10501141	15,468	251,663
LUG ESA 13454.91522987	4,100	80,916
LUG CSA 13592.10402239	(65,821)	-
LUG ESA 13509.10501110	8,505	42,144
LUG ESA 13797.93185703	4,226	48,647
LUG ESA 14116.91073265	8,756	164,869
LUG SHA 13900.10717269	39,523	29,156
LUG SHA 13652.92748361	45,070	141,797
LUG SHA 13001.93346473	132,224	1,166,215
LUG SHA 14022.90591555	71,676	358,886
LUG CSA 13351.93283733	38,966	-
LUG SHA 13001.60179144	110,522	720,142
LUG SHA 13645.91519309	46,796	87,877
LUG SHA 13780.10723993	25,530	71,519
LUG SHA 13001.92048269	22,540	235,150
LUG SHA 13001.60179191	34,443	390,895
LUG SHA 13001.10663240	42,714	225,713
LUG SHA 13900.92336596	43,412	231,360
LUG SHA 13645.92207754	69,245	142,701
LUG SHA 13900.91863298	25,187	89,515
LUG CSA 13099.90882614	349,123	-
LUG SHA 13001.10663269	11,170	91,917
LUG SHA 13001.10663262	8,701	58,624
LUG ESA 13127.90334707	44,980	21,815
LUG ESA 13878.10105723	36,537	249,448
LUG ESA 13911.92679866	54,778	507,034
LUG ESA 13229.92525393	31,770	495,674
LUG ESA 13909.92173076	32,204	195,428
LUG ESA 14355.60258173	17,936	230,543
LUG CSA 13093.91004837	567,046	461,327
LUG ESA 13457.10482593	13,449	155,815
LUG ESA 13127.90334731	51,705	26,620
LUG ESA 13906.10096968	57,043	780,724
LUG ESA 13909.90380435	42,519	86,056
LUG ESA 13906.92282884	16,952	79,233
LUG ESA 13911.60157737	224,600	1,659,923
LUG ESA 13710.92354144	29,805	310,163
LUG ESA 13793.92685255	19,479	62,232
LUG ESA 13906.10096960	48,393	161,432
LUG CSA 13630.10429536	(839)	-
LUG ESA 13793.92686002	24,904	28,736
LUG ESA 13686.93697046	43,492	-

LUG ESA 13906.10096964	68,940	639,671
LUG ESA 13911.90130568	143,858	1,192,679
LUG ESA 13906.90137810	81,831	583,567
LUG ESA 13793.92686712	4,706	46,552
LUG ESA 13127.92663180	108,270	986,426
LUG CSA 13205.90998414	112,263	-
LUG ESA 13457.90176591	51,038	200,197
LUG ESA 14355.92354352	37,129	549,125
LUG ESA 13793.92686736	20,843	47,723
LUG ESA 13911.10554595	13,004	229,104
LUG ESA 13911.91995336	98,960	675,863
LUG ESA 13127.92661768	57,879	411,763
LUG CSA 13948.91837409	(19,248)	-
LUG ESA 13878.10105726	58,384	421,170
LUG ESA 13454.90188551	21,841	232,822
LUG ESA 13878.10105717	39,698	214,053
LUG ESA 13231.10868121	31,081	305,012
LUG ESA 13911.60157736	18,086	45,821
LUG ESA 13171.10455381	21,218	81,361
LUG ESA 13878.10105728	33,045	28,425
LUG CSA 13093.91004843	(60,976)	-
LUG SHA 14024.10747874	18,905	42,855
LUG SHA 13342.91010293	39,641	206,737
LUG SHA 14020.60223573	51,329	-
LUG SHA 13342.10925094	35,088	-
LUG SHA 14024.90116190	15,755	-
LUG SHA 13817.10722417	184,933	-
LUG SHA 13003.10895211	323,947	393,736
LUG SHA 13342.90527363	38,763	-
LUG CSA 13836.91377944	790,904	496,223
LUG WSA 13162.92185426	355,424	-
LUG WSA 13194.90645535	832,025	-
LUG WSA 13079.60077624	389,488	-
LUG WSA 13586.91748729	368,017	-
LUG WSA 13162.10158432	147,112	-
LUG WSA 13864.10310477	120,230	666,444
LUG WSA 13113.92909503	12,271	77,179
LUG WSA 13516.60169592	44,049	239,060
LUG WSA 13192.90932106	58,689	145,517
LUG WSA 13333.91785740	39,211	293,989
LUG CSA 13102.60123654	(10,754)	278,089
LUG WSA 13863.60279838	79,475	114,658
LUG WSA 13109.90643551	112,926	746,831
LUG WSA 13332.91700188	18,324	32,109
LUG WSA 13756.90207831	64,131	564,395
LUG WSA 13672.60106849	45,136	214,382
LUG WSA 13860.10307215	47,219	213,587

LUG WSA 13756.60165355	14,032	226,077
LUG WSA 13672.10493801	98,061	395,585
LUG WSA 13864.10310468	35,623	217,985
LUG WSA 13864.10310497	25,372	71,485
LUG CSA 13158.92874802	26,016	-
LUG WSA 13586.92442286	130,252	309,259
LUG WSA 13672.91971930	32,933	186,344
LUG WSA 13678.10254063	46,513	121,718
LUG WSA 13141.10147344	16,659	62,805
LUG WSA 13756.10589587	24,285	80,004
LUG WSA 13864.10310505	85,529	218,185
LUG WSA 13860.10307212	42,669	7,232
LUG WSA 13111.60072751	34,470	253,631
LUG CSA 13176.10375134	111,488	-
LUG WSA 13333.10007588	27,064	148,373
LUG WSA 13164.90252716	36,482	216,753
LUG WSA 13491.91827162	40,454	216,775
LUG WSA 13113.90422522	18,577	64,027
LUG WSA 13756.10589595	42,153	406,575
LUG WSA 13586.10255333	20,562	45,920
LUG WSA 13428.90423835	44,530	74,116
LUG WSA 13141.91575422	16,146	135,953
LUG WSA 13678.90514672	90,627	212,911
LUG CSA 13107.10376173	340,952	-
LUG WSA 13164.10158912	35,560	70,632
LUG WSA 13544.10053269	27,359	108,060
LUG WSA 13864.60380454	26,718	120,071
LUG WSA 13141.92442350	14,832	127,434
LUG WSA 13141.10147371	79,544	810,622
LUG WSA 13678.10288738	97,740	163,167
LUG WSA 13533.91957169	41,326	8,607
LUG CSA 13057.10121709	47,951	-
LUG WSA 13865.90531031	47,900	144,988
LUG WSA 13535.92983670	37,373	148,719
LUG WSA 13589.93177909	27,282	29,684
LUG WSA 13522.10392924	20,372	54,538
LUG WSA 13737.10297943	35,498	144,414
LUG WSA 14030.90886759	156,929	537,305
LUG WSA 13207.90147316	35,963	193,379
LUG WSA 13059.60302601	138,435	936,792
LUG CSA 13418.92357188	664,980	-
LUG WSA 13738.10298299	54,930	301,987
LUG WSA 13207.90146892	46,252	373,694
LUG WSA 13162.10158434	66,893	371,859
LUG WSA 13079.60077605	35,113	401,890
LUG WSA 13870.90428273	78,723	180,832
LUG WSA 13737.91960399	75,864	435,598

LUG WSA 13674.10277747	101,031	212,113
LUG WSA 13078.10127958	133,668	296,805
LUG CSA 13592.91213055	264,863	-
LUG WSA 13510.10218990	62,786	308,477
LUG WSA 13669.60107076	24,927	90,511
LUG WSA 13873.60311122	157,421	695,698
LUG WSA 13207.90613782	114,305	611,537
LUG WSA 13208.92767537	71,734	169,488
LUG WSA 13737.60311396	42,094	43,692
LUG WSA 13198.92655424	23,092	211,455
LUG WSA 13514.10624934	41,260	121,545
LUG CSA 13100.91340554	728,801	261,439
LUG WSA 13483.60393455	376,112	1,575,588
LUG WSA 13520.10242257	79,232	643,411
LUG WSA 13892.10338448	196,135	861,845
LUG WSA 13612.90312305	56,546	34,433
LUG WSA 13522.91947423	92,440	-
LUG WSA 13334.91645657	85,380	-
LUG WSA 13490.92815117	34,523	-
LUG WSA 13522.10392902	117,671	-
LUG CSA 13715.90737020	65,585	-
LUG WSA 14030.60341032	23,260	-
LUG WSA 13574.10250638	38,774	-
LUG WSA 13220.10191173	91,311	-
LUG WSA 13612.60022877	13,701	-
LUG WSA 13220.90901917	86,299	-
LUG WSA 13535.92983661	58,688	-
LUG WSA 13535.91618829	119,894	43,631
LUG WSA 13669.92770538	102,073	210,210
LUG CSA 13176.91029163	46,643	-
LUG WSA 13079.60104344	34,137	-
LUG WSA 13575.90054924	25,699	-
LUG WSA 13750.60110680	34,860	-
LUG WSA 13198.10051875	18,305	-
LUG WSA 13612.92956326	85,755	7,265
LUG WSA 13514.91361858	29,979	-
LUG WSA 13522.10392905	84,078	-
LUG WSA 14030.92669942	172,561	-
LUG WSA 13612.60003135	53,898	-
LUG CSA 13835.60131429	255,878	-
LUG WSA 13522.92169062	56,335	-
LUG WSA 13575.90054386	18,031	-
LUG WSA 13522.10392882	222,357	310,471
LUG WSA 13198.10051851	37,644	-
LUG WSA 14030.92670479	23,984	-
LUG WSA 13522.10392874	32,419	-
LUG WSA 13162.93124277	29,304	-

LUG WSA 13198.10051896	33,642	-
LUG CSA 13593.93057902	582,820	-
LUG WSA 13612.60002970	47,443	-
LUG WSA 14030.60125643	48,110	24,646
LUG WSA 13071.92377934	174,852	-
LUG WSA 13138.60170460	47,185	-
LUG WSA 13535.92952190	50,088	-
LUG WSA 13162.90435139	103,405	337,797
LUG CSA 13105.10580678	237,212	-
LUG WSA 13138.10145618	17,336	-
LUG WSA 13737.90740214	18,116	-
LUG WSA 13737.90740699	29,652	-
LUG WSA 13079.90517178	28,404	-
LUG WSA 13078.10127955	34,094	-
LUG WSA 14030.92669557	1,603	-
LUG WSA 13522.10392864	19,019	-
LUG WSA 13674.90420693	58,005	-
LUG CSA 13188.10655453	164,248	-
LUG WSA 13612.90291123	60,747	143,965
LUG WSA 13109.60233901	84,750	-
LUG WSA 13737.10297934	35,390	-
LUG WSA 13589.93162023	58,612	-
LUG CSA 13592.10402259	95,826	-
LUG WSA 13522.60305720	12,304	-
LUG CSA 13948.10442385	303,390	297,831
LUG ESA 13174.60588225	72,783	-
LUG ESA 13454.90755954	238,697	-
LUG ESA 13174.60451701	229,546	43,369
LUG ESA 13710.92881445	392,890	-
LUG ESA 13509.60287236	141,956	-
LUG SHA 13897.10933151	857,041	-
LUG ESA 13174.10913196	269,302	270,442
LUG ESA 13171.90598389	909,571	446,930
LUG ESA 13211.60044019	576,805	-
LUG ESA 13231.10868138	627,569	520,898
LUG ESA 13230.10471354	484,300	-
LUG ESA 13502.92679861	192,441	-
LUG ESA 13796.10842826	142,051	-
LUG ESA 13509.10501132	105,259	-
LUG ESA 13433.10466911	772,137	-
LUG ESA 13230.92208546	185,090	-
LUG ESA 13171.93104605	392,291	-
LUG ESA 13509.90504849	1,049,115	-
LUG ESA 13502.92573944	671,986	-
LUG ESA 13799.60395568	492,097	-
LUG ESA 13226.10462583	125,472	-
LUG ESA 14116.60140011	343,587	-

LUG ESA 13797.93188519	711,070	-
LUG ESA 13226.92664597	335,942	-
LUG ESA 13796.92728705	472,802	-
LUG ESA 13230.60258173	(10,267)	-
LUG ESA 13796.92884623	1,434,718	280,978
LUG ESA 13502.92577310	166,575	-
LUG ESA 13225.60139973	885,843	120,180
LUG ESA 13796.10842823	481,512	-
LUG ESA 13226.92670950	206,528	-
LUG ESA 13226.92665539	85,389	-
LUG ESA 13883.91179506	72,278	-
LUG ESA 13509.91772133	41,613	-
LUG ESA 13509.10501150	568,265	236,343
LUG ESA 13454.90429155	1,657,466	-
LUG ESA 13454.90397369	485,949	-
LUG CSA 13205.90929181	225,012	-
LUG CSA 13021.10051153	71,924	-
LUG ESA 13433.93369551	662,152	-
LUG CSA 13026.60059524	255,173	203,860
LUG ESA 13174.92555763	22,777	-
LUG CSA 13835.10429522	316,935	-
LUG ESA 13883.92008787	(50,151)	-
LUG ESA 13230.92180224	471,178	-
LUG WSA 14032.10820614	105,578	-
LUG WSA 13071.90738378	108,038	-
LUG PCA 13390.10643541	(124,525)	-
LUG PCA 13785.90239166	-	-
LUG PCA 13961.10696419	-	-
LUG CSA 13099.60563698	-	-
LUG CSA 13158.93317809	-	-
LUG CSA 13106.91795934	-	-
LUG CSA 13100.10371703	-	-
LUG CSA 13418.92292295	-	-
LUG CSA 13104.10362882	-	-
LUG CSA 13102.60123660	-	-
LUG CSA 13158.92290015	-	-
LUG CSA 13836.93321406	-	-
LUG CSA 13633.90633859	-	-
LUG CSA 13836.60133704	-	-
LUG CSA 13100.10371697	-	-
LUG CSA 13836.60133698	-	-
LUG CSA 14040.90485522	-	-
LUG CSA 13093.60029740	-	-
LUG CSA 13102.60123656	-	-
LUG CSA 13026.91490707	-	-
LUG ESA 13454.60140423	(1)	-
LUG ESA 13171.90374558	(1)	-

LUG ESA 13454.10472634	(2,260)	-
LUG ESA 13174.93310101	-	-
LUG ESA 13171.10455414	-	-
LUG ESA 13231.10868120	-	-
LUG ESA 13174.10913197	-	-
LUG ESA 13225.92750192	-	-
LUG SHA 13001.10663246	-	-
LUG SHA 13001.90251758	-	-
LUG ESA 13229.10457704	-	-
LUG ESA 13127.10836901	-	-
LUG ESA 13911.91276385	-	-
LUG ESA 13457.90291488	-	-
LUG ESA 13911.10544635	-	-
LUG ESA 13911.10544633	-	-
LUG ESA 13911.92018843	-	-
LUG ESA 13911.10554588	-	-
LUG ESA 13911.91556649	-	-
LUG ESA 13796.92884644	-	-
LUG ESA 13509.10501133	-	-
LUG ESA 13911.91665193	-	-
LUG SHA 13003.10895225	-	-
LUG WSA 13605.90568909	-	-
LUG WSA 13192.90932283	-	-
LUG WSA 13605.90427351	-	-
LUG WSA 13113.60340774	-	-
LUG WSA 13586.10255361	-	-
LUG WSA 13612.90440184	-	-
LUG WSA 14030.60131389	-	-
LUG WSA 13522.91934653	-	-
LUG WSA 13207.90216846	-	-
LUG WSA 13059.93006225	-	-
LUG WSA 13162.60154843	-	-
LUG WSA 14030.90242104	-	-
LUG WSA 13612.90266817	-	-
LUG WSA 13535.92959083	-	-
LUG WSA 13669.92774744	-	-
LUG WSA 13138.10145602	-	-
LUG WSA 13208.90449608	-	-
LUG WSA 13483.10173513	-	-
LUG WSA 13071.93035682	-	-
LUG WSA 13535.92969194	-	-
LUG WSA 13109.10846390	-	-
LUG WSA 14030.92669080	-	-
LUG WSA 13483.60079455	-	-
LUG WSA 13198.10051852	-	-
LUG WSA 13873.10820612	-	-
LUG WSA 13138.10145629	-	-

LUG WSA 13198.92585443	-	-
LUG WSA 14030.92669914	-	-
LUG WSA 13612.90312570	-	-
LUG WSA 13138.10145606	-	-
LUG WSA 14030.92669923	-	-
LUG WSA 13522.60305728	-	-
LUG CSA 13021.10051146	-	166,494
LUG CSA 13021.92076524	-	84,308
LUG CSA 13028.10085332	-	158,807
LUG CSA 13090.60010026	-	76,894
LUG CSA 13093.60029683	-	65,659
LUG CSA 13093.60029758	-	244,080
LUG CSA 13093.60029776	-	479,193
LUG CSA 13093.60029778	-	167,563
LUG CSA 13093.60031511	-	308,646
LUG CSA 13093.92037863	-	200,349
LUG CSA 13094.60013838	-	77,604
LUG CSA 13099.60125260	-	634,073
LUG CSA 13099.91324334	-	464,029
LUG CSA 13099.91689692	-	119,343
LUG CSA 13099.93329325	-	475,630
LUG CSA 13101.10366868	-	54,403
LUG CSA 13102.60350013	-	67,307
LUG CSA 13102.60350014	-	162,706
LUG CSA 13102.91015266	-	248,367
LUG CSA 13104.10362871	-	240,410
LUG CSA 13104.10362874	-	207,341
LUG CSA 13104.10362881	-	187,565
LUG CSA 13104.91640897	-	216,386
LUG CSA 13104.91645481	-	181,032
LUG CSA 13106.10361894	-	301,192
LUG CSA 13106.10361899	-	247,791
LUG CSA 13106.91643964	-	167,885
LUG CSA 13176.10375130	-	112,646
LUG CSA 13176.10375133	-	106,241
LUG CSA 13176.90719743	-	356,440
LUG CSA 13176.91960479	-	50,714
LUG CSA 13204.60062686	-	557,139
LUG CSA 13204.60068869	-	380,627
LUG CSA 13348.10383149	-	62,027
LUG CSA 13351.93283740	-	14,205
LUG CSA 13420.10055941	-	36,648
LUG CSA 13420.90910088	-	46,875
LUG CSA 13420.92810815	-	24,527
LUG CSA 13468.60128356	-	207,337
LUG CSA 13592.10402236	-	514,917
LUG CSA 13592.10402276	-	414,735

LUG CSA 13592.90959317	-	245,221
LUG CSA 13592.91537203	-	145,937
LUG CSA 13592.91711513	-	184,553
LUG CSA 13592.92124741	-	143,472
LUG CSA 13630.10429530	-	58,475
LUG CSA 13630.90179103	-	59,517
LUG CSA 13630.91863539	-	69,271
LUG CSA 13630.92831833	-	54,356
LUG CSA 13632.10408280	-	216,855
LUG CSA 13825.91414736	-	72,869
LUG CSA 13825.91493238	-	86,600
LUG CSA 13828.10424241	-	200,805
LUG CSA 13829.10425054	-	29,735
LUG CSA 13829.91481416	-	58,381
LUG CSA 13835.10429499	-	156,710
LUG CSA 13835.10429512	-	162,873
LUG CSA 13835.10429528	-	448,336
LUG CSA 13835.10429550	-	408,578
LUG CSA 13840.10583638	-	57,907
LUG CSA 13948.10442372	-	249,502
LUG CSA 13948.10442389	-	176,644
LUG CSA 13948.60320571	-	386,866
LUG CSA 14041.91780595	-	104,119
LUG CSA 14041.91780598	-	113,826
LUG CSA 14041.92679285	-	186,506
LUG DCA 13004.10758536	-	257,540
LUG DCA 13006.10129786	-	296,135
LUG DCA 13006.60642676	-	455,926
LUG DCA 13006.92962818	-	154,782
LUG DCA 13329.91804875	-	895,905
LUG DCA 13329.92835651	-	583,343
LUG DCA 13431.10745580	-	187,602
LUG DCA 13431.60297955	-	430,583
LUG DCA 13431.60529999	-	276,383
LUG DCA 13431.92349883	-	320,644
LUG DCA 13431.92545401	-	120,578
LUG DCA 13431.93281804	-	261,337
LUG ESA 13038.10859730	-	177,367
LUG ESA 13038.91463885	-	303,788
LUG ESA 13038.92275699	-	118,324
LUG ESA 13039.92496615	-	105,350
LUG ESA 13039.93090160	-	52,604
LUG ESA 13039.93116108	-	151,563
LUG ESA 13229.10457701	-	50,331
LUG ESA 13229.10457713	-	13,684
LUG ESA 13229.60251639	-	138,163
LUG ESA 13229.92389274	-	51,563

LUG ESA 13229.92953759	-	139,015
LUG ESA 13686.10516414	-	52,983
LUG ESA 13686.10840133	-	466,980
LUG ESA 13686.10840134	-	118,797
LUG ESA 13710.92263635	-	41,714
LUG ESA 13710.92287705	-	101,894
LUG ESA 13906.10097045	-	143,466
LUG ESA 13906.90397839	-	58,475
LUG ESA 13906.90397845	-	80,966
LUG ESA 13906.91500635	-	50,994
LUG ESA 13906.93403488	-	98,201
LUG ESA 13909.10097063	-	60,653
LUG ESA 13909.91303529	-	24,195
LUG ESA 13909.91338194	-	61,884
LUG ESA 13909.92199793	-	95,076
LUG ESA 13909.92200425	-	48,011
LUG ESA 13909.92206482	-	94,366
LUG ESA 14109.60272365	-	65,246
LUG ESA 14114.60380731	-	25,710
LUG ESA 14114.91755453	-	136,269
LUG PCA 13243.10791865	-	123,056
LUG PCA 13243.10791889	-	210,941
LUG PCA 13243.90586046	-	453,323
LUG PCA 13243.91347798	-	78,700
LUG PCA 13268.10705847	-	349,135
LUG PCA 13268.10705883	-	791,990
LUG PCA 13268.10705889	-	931,299
LUG PCA 13268.90378808	-	278,222
LUG PCA 13268.93067842	-	367,264
LUG PCA 13268.93351292	-	379,186
LUG PCA 13268.93449800	-	232,792
LUG PCA 13462.91382618	-	427,003
LUG PCA 13655.91714169	-	69,786
LUG PCA 13655.92356416	-	662,778
LUG PCA 13655.92356595	-	204,614
LUG PCA 13655.92356632	-	133,124
LUG PCA 13655.92358234	-	238,744
LUG PCA 13722.60360859	-	408,960
LUG PCA 13724.10671224	-	144,469
LUG PCA 13724.10671287	-	208,154
LUG PCA 13724.10671327	-	357,715
LUG PCA 13724.60503818	-	709,113
LUG PCA 13724.90295206	-	641,453
LUG PCA 13724.90295207	-	202,127
LUG PCA 13785.10667361	-	225,946
LUG PCA 13785.10667366	-	60,905
LUG PCA 13785.10667391	-	604,773

LUG PCA 13785.60393235	-	121,264
LUG PCA 13785.60398085	-	498,124
LUG PCA 13785.90851473	-	79,058
LUG PCA 13785.92051767	-	58,610
LUG PCA 13785.92464127	-	579,033
LUG PCA 13961.10696429	-	155,461
LUG PCA 13961.10696435	-	162,141
LUG PCA 13961.10696498	-	435,242
LUG SHA 13001.10663251	-	45,360
LUG SHA 13001.10663258	-	79,451
LUG SHA 13001.92472394	-	145,265
LUG SHA 13003.10895244	-	63,163
LUG SHA 13003.10895256	-	35,748
LUG SHA 13003.10895259	-	149,621
LUG SHA 13003.10895266	-	50,758
LUG SHA 13003.90638278	-	231,723
LUG SHA 13003.90638283	-	369,366
LUG SHA 13341.10813126	-	349,384
LUG SHA 13342.10925106	-	66,477
LUG SHA 13342.10925119	-	151,941
LUG SHA 13342.10925137	-	108,665
LUG SHA 13342.91007734	-	161,742
LUG SHA 13342.92390275	-	81,629
LUG SHA 13344.10813122	-	89,394
LUG SHA 13344.92814355	-	11,932
LUG SHA 13344.93164126	-	117,756
LUG SHA 13489.10737681	-	23,390
LUG SHA 13489.90367628	-	219,271
LUG SHA 13489.92436549	-	102,178
LUG SHA 13650.92182142	-	23,201
LUG SHA 13817.10722371	-	48,295
LUG SHA 13817.10722388	-	35,133
LUG SHA 13817.10722416	-	23,722
LUG SHA 13817.10722429	-	179,072
LUG SHA 13817.90199873	-	64,725
LUG SHA 13817.90204879	-	49,953
LUG SHA 13817.93215104	-	254,687
LUG SHA 14020.10742009	-	95,786
LUG SHA 14020.10742013	-	51,042
LUG SHA 14020.10742015	-	33,333
LUG SHA 14020.60440052	-	48,958
LUG SHA 14024.90106483	-	57,055
LUG SHA 14024.90111178	-	52,509
LUG SHA 14024.91741334	-	53,504
LUG WHA 13118.92651890	-	118,327
LUG WHA 13118.92652010	-	55,754
LUG WHA 13118.92660079	-	287,778

LUG WHA 13289.10566566	-	311,747
LUG WHA 13289.10566580	-	367,973
LUG WHA 13296.10562342	-	300,692
LUG WHA 13297.10560398	-	150,272
LUG WHA 13297.60161443	-	50,776
LUG WHA 13297.60166032	-	507,462
LUG WHA 13309.60166032	-	420,842
LUG WHA 13370.90747757	-	415,040
LUG WHA 13309.91504609	-	794,194
LUG WHA 13309.92600372	-	268,073
LUG WHA 13309.92605591	-	279,850
LUG WHA 13309.92915430	-	178,823
LUG WHA 13309.92915806	-	87,502
LUG WHA 13313.10684584	-	50,444
LUG WHA 13313.10684588	-	246,729
LUG WHA 13313.10684608	-	83,252
LUG WHA 13313.10684613	-	86,740
LUG WHA 13370.60253106	-	345,258
LUG WHA 13370.90747759	-	199,047
LUG WHA 13370.90798073	-	359,744
LUG WHA 13370.92181604	-	365,927
LUG WHA 13473.10599416	-	129,313
LUG WHA 13473.60105326	-	50,691
LUG WHA 13698.10595470	-	637,454
LUG WHA 13698.10595500	-	554,966
LUG WHA 13698.60170586	-	344,191
LUG WHA 13698.60171778	-	704,547
LUG WHA 13698.60171942	-	428,740
LUG WHA 13699.10637209	-	377,762
LUG WHA 13921.60178629	-	221,974
LUG WSA 13059.10122239	-	137,770
LUG WSA 13059.60084637	-	248,097
LUG WSA 13059.93003525	-	77,045
LUG WSA 13142.10162073	-	105,554
LUG WSA 13142.91071417	-	11,761
LUG WSA 13161.92081600	-	135,043
LUG WSA 13161.92214946	-	92,642
LUG WSA 13191.10173491	-	40,909
LUG WSA 13191.10173494	-	46,321
LUG WSA 13191.10173500	-	48,239
LUG WSA 13191.10173518	-	31,023
LUG WSA 13191.60474882	-	57,571
LUG WSA 13207.10168329	-	49,517
LUG WSA 13207.90146008	-	14,190
LUG WSA 13207.92190389	-	26,165
LUG WSA 13208.90152415	-	18,750
LUG WSA 13208.92767544	-	30,256

LUG WSA 13217.10028768	-	94,901
LUG WSA 13217.60659922	-	124,901
LUG WSA 13217.92097014	-	42,869
LUG WSA 13220.90668598	-	61,406
LUG WSA 13220.90902634	-	25,313
LUG WSA 13334.60104341	-	21,051
LUG WSA 13358.10147354	-	24,759
LUG WSA 13358.10197577	-	88,423
LUG WSA 13358.60081731	-	148,722
LUG WSA 13358.60170521	-	35,284
LUG WSA 13358.60505673	-	42,060
LUG WSA 13358.91179943	-	57,486
LUG WSA 13405.10064507	-	133,722
LUG WSA 13405.10064508	-	419,872
LUG WSA 13405.10064523	-	217,457
LUG WSA 13405.60048514	-	29,233
LUG WSA 13405.91256591	-	217,713
LUG WSA 13405.91811196	-	65,412
LUG WSA 13510.10218976	-	48,196
LUG WSA 13510.10218987	-	19,176
LUG WSA 13510.60088567	-	67,202
LUG WSA 13510.92448697	-	9,077
LUG WSA 13517.91150567	-	41,122
LUG WSA 13533.60094069	-	73,381
LUG WSA 13533.91060899	-	51,179
LUG WSA 13613.60031838	-	22,500
LUG WSA 13613.90530159	-	53,139
LUG WSA 13738.10298286	-	58,210
LUG WSA 13740.10299009	-	208,977
LUG WSA 13740.60104604	-	95,923
LUG WSA 13740.60614298	-	38,267
LUG WSA 13740.90392839	-	51,349
LUG WSA 13740.91943165	-	258,920
LUG WSA 13740.91951196	-	104,105
LUG WSA 13740.93176460	-	250,185
LUG WSA 13754.10297442	-	31,023
LUG WSA 13754.90097474	-	246,009
LUG WSA 13754.90423524	-	13,381
LUG WSA 13754.90630567	-	29,574
LUG WSA 13754.90847913	-	55,355
LUG WSA 13754.91928022	-	32,386
LUG WSA 13754.91930150	-	23,437
LUG WSA 13754.92203067	-	72,187
LUG WSA 13754.92203676	-	58,807
LUG WSA 13865.10311280	-	59,105
LUG WSA 13865.60305740	-	31,491
LUG WSA 13870.10320670	-	57,741

LUG WSA 13870.10320672	-	117,997
LUG WSA 13870.10320688	-	25,696
LUG WSA 13889.10266413	-	77,216
LUG WSA 13889.91845370	-	76,662
LUG WSA 13895.90424414	-	33,026
LUG WSA 14031.10340753	-	192,017
LUG WSA 14031.10340775	-	271,193
LUG WSA 14031.91064701	-	58,636
LUG WSA 14031.91680239	-	177,315
LUG WSA 14031.91999678	-	15,298
LUG WSA 14069.90668922	-	201,179

	2021 Cost Estimate	2022 Cost Estimate
Transmission Asset Upgrades Program Total	**15,152,160**	**14,984,767**
SPP TAU - Circuit 66840	5,132	-
SPP TAU - Circuit 66007	(22,222)	-
SPP TAU - Circuit 66019	14,507	-
SPP TAU - Circuit 66425	35,214	-
SPP TAU - Circuit 230403	628	-
SPP TAU - Circuit 66413	44,440	-
SPP TAU - Circuit 66046	243,718	-
SPP TAU - Circuit 66059	42,382	-
SPP TAU - Circuit 230008	76,113	-
SPP TAU - Circuit 230010	-	-
SPP TAU - Circuit 230038	(166)	-
SPP TAU - Circuit 230003	832,423	-
SPP TAU - Circuit 230005	470,020	-
SPP TAU - Circuit 230004	762,608	-
SPP TAU - Circuit 230625	267,026	-
SPP TAU - Circuit 230021	364,908	-
SPP TAU - Circuit 230052	192,179	-
SPP TAU - Circuit 66024	797,959	-
SPP TAU - Circuit 230608	386,908	-
SPP TAU - Circuit 230603	257,921	-
SPP TAU - Circuit 66407	958,693	-
SPP TAU - Circuit 66033	823,674	-
SPP TAU - Circuit 66016	1,304,272	-
SPP TAU - Circuit 66427	220,720	-
SPP TAU - Circuit 66415	317,000	-
SPP TAU - Circuit 66834	632,082	-
SPP TAU - Circuit 66022	1,596,940	-
SPP TAU - Circuit 66060	190,145	-
SPP TAU - Circuit 66048	158,460	-
SPP TAU - Circuit 66031	63,367	-
SPP TAU - Circuit 66036	976,040	-
SPP TAU - Circuit 230402	300,100	-
SPP TAU - Circuit 230412	1,746,147	-
SPP TAU - Circuit 230602	805,001	1,444,801
SPP TAU - Circuit 230012	7,200	336,800
SPP TAU - Circuit 230606	12,600	589,960
SPP TAU - Circuit 230033	3,600	294,700
SPP TAU - Circuit 230609	2,250	105,250
SPP TAU - Circuit 230013	9,000	421,000
SPP TAU - Circuit 66030	54,390	1,498,910
SPP TAU - Circuit 66025	86,580	3,181,360
SPP TAU - Circuit 66020	11,100	305,900
SPP TAU - Circuit 66027	19,980	550,620
SPP TAU - Circuit 66008	6,660	275,310

SPP TAU - Circuit 66001	71,040	2,146,850
SPP TAU - Circuit 66045	3,424	1,720,359
SPP TAU - Circuit 66026	-	1,446,734
SPP TAU - Circuit 230006	-	69,286
SPP TAU - Circuit 66021	-	45,648
SPP TAU - Circuit 66028	-	49,244
SPP TAU - Circuit 66032	-	40,576
SPP TAU - Circuit 66017	-	234,972
SPP TAU - Circuit 66011	-	22,317
SPP TAU - Circuit 66047	-	1,014
SPP TAU - Circuit 66436	-	34,490
SPP TAU - Circuit 66098	-	22,210
SPP TAU - Circuit 230020	-	41,939
SPP TAU - Circuit 230623	-	44,720
SPP TAU - Circuit 230604	-	24,768
SPP TAU - Circuit 66035	-	35,029

	2021 Cost Estimate	2022 Cost Estimate
Substation Extreme Weather Hardening Program Total	**250,000**	**-**
Substation Extreme Weather Protection Study	250,000	-

	2021 Cost Estimate	2022 Cost Estimate
Distribution Overhead Feeder Hardening Program Total	**15,334,461**	**29,581,441**
SPP FH - E Winterhaven 13308	499,502	-
SPP FH - Knights 13807	565,896	-
SPP FH - Knights 13805	442,593	-
SPP FH - Casey Road 13745	227,200	-
SPP FH - Coolidge 13533	351,912	-
SPP FH - 13461	1,124,973	-
SPP FH - 14121	459,738	-
SPP FH – Lake Magdalene 13939	915,157	-
SPP FH – Ehrlich 13890	648,753	-
SPP FH - Lake Region 13443	2,255,470	-
SPP FH - 13227	970,032	-
SPP FH - 13462	1,006,599	-
SPP FH – Pine Lake N 13633	874,589	-
SPP FH - Yukon 13101	574,200	256,274
SPP FH - McFarland 13104	548,200	244,082
SPP FH - Manhattan 13111	390,000	173,838
SPP FH - East Winter Haven 13309	278,440	125,468
SPP FH - 13313	415,532	73,036
SPP FH - 13314	457,235	29,668
SPP FH - 13339	145,942	23,656
SPP FH - 13433	26,968	1,016,972
SPP FH - 13808	1,226,701	740,120
SPP FH - 13964	-	572,242
SPP FH - 13148	76,408	1,219,093
SPP FH - 13048	135,570	2,077,657
SPP FH - 13094	134,462	5,554,203
SPP FH - 13770	70,913	5,898,017
SPP FH - 13118	121,730	3,377,800
SPP FH - 13296	208,173.36	4,494,494
SPP FH - 13989	57,873.86	832,493
SPP FH - 13984	81,465.61	1,171,851
SPP FH - 14123	41,947.20	1,248,736
SPP FH - 14094	287.53	8,559
SPP FH - 13651	-	50,386
SPP FH - 13346	-	80,786
SPP FH - 13312	-	312,011

	2021 Cost Estimate	2022 Cost Estimate
Transmission Access Enhancement Program Total	**1,328,137**	**1,517,935**
SPP TXE - Site Access-230008	10,710	52,933
SPP TXE - Site Access-230623	31,442	155,398
SPP TXE - Site Access-Proposed Bridge P	108,179	202,192
SPP TXE - Site Access-Hampton Substation	93,677	160,192
SPP TXE - Site Access-230033	16,547	81,781
SPP TXE - Site Access-Morris Bridge Rd	92,766	157,192
SPP TXE - Site Access-66007	20,202	88,585
SPP TXE - Site Access-230037	22,576	111,582
SPP TXE - Site Access-66839	40,093	175,809
SPP TXE - Site Access-230606	26,926	133,081
SPP TXE - Site Access-Columbus Drive #2	107,152	199,191
SPP TXE - Site Access-West Of Forbes Rd	96,749	-
SPP TXE - Site Access-Columbus Drive #1	107,152	-
SPP TXE - Site Access-Tampa Palms #1	95,725	-
SPP TXE - Site Access-19th Av NE	84,546	-
SPP TXE - Site Access-East Of Sydney Washer Rd	109,038	-
SPP TXE - Site Access-Tampa Palms #3	108,180	-
SPP TXE - Site Access-Proposed Bridge M	156,474	-

	2021 Cost Estimate	2022 Cost Estimate
Vegetation Management Program Total	**23,536,860**	**24,773,133**
Distribution SPP Veg Mgmnt Subtotal	**19,791,650**	**21,160,688**
Planned	13,028,364	11,203,848
Supplemental	5,495,330	6,388,836
Mid-cycle	1,267,956	3,568,004
Transmission SPP Veg Mgmnt Subtotal	**3,745,210**	**3,612,445**
Planned	2,850,213	2,898,245
ROW Maintenance (Mowing, etc)	199,998	-
69kv Incremental	695,000	714,200

	2021 Cost Estimate	2022 Cost Estimate
Infrastructure Inspections Program Total	**1,174,467**	**1,503,786**
Distribution Wood Pole Inspections	593,036	1,020,000
Routine Ground Patrol - Trans	214,328	150,858
Infrared Thermography - Trans	117,020	114,444
Above Ground Inspection - Trans	10,331	10,404
Ground Line Inspections - Trans	45,322	62,424
Substation Inspections	194,430	145,656

	2021 Cost Estimate	2022 Cost Estimate
Common Storm Protection Plan Program Total	**1,134,769**	**679,700**
SPP Common (Internal Labor, material, other, etc.)	606,769	679,700
External Consulting	528,000	-