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July 28, 2023

VIA: ELECTRONIC FILING

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

Re: Environmental Cost Recovery Clause
FPSC Docket No. 20230007-EI

Dear Mr. Teitzman:

Attached for filing in the above docket, on behalf of Tampa Electric Company, are the following:

1. Petition for approval of the company's environmental cost recovery true-up amount for the twelve-month period ending December 2023.

2. Prepared Direct Testimony of M. Ashley Sizemore.

Thank you for your assistance in connection with this matter.

Sincerely,

Malcolm N. Means

Malcolm N. Means

MNM/bml
Attachments
cc: All Parties of Record (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition, Testimony and Exhibit of M. Ashley Sizemore, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 28th day of July 2023, to the following:

Mr. Jacob Imig
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Malcolm N. Means

ATTORNEY

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause.	)))	DOCKET NO. 20230007-EI FILED: July 28, 2023

PETITION OF TAMPA ELECTRIC COMPANY

Tampa Electric Company ("Tampa Electric" or "company"), hereby petitions the Commission for approval of the company's actual/estimated environmental cost recovery true-up amount for the period January 2023 through December 2023, and in support thereof, says:

Environmental Cost Recovery

1. Tampa Electric projects an actual/estimated true-up amount for the January 2023 through December 2023 period, which is based on actual data for the period January 1, 2023 through June 30, 2023 and revised estimates for the period July 1, 2023 through December 31, 2023, to be an over-recovery of $3,180,723 (See Exhibit No. MAS-2, Document No. 1, Schedule 42-1E).

2. For reasons more fully detailed in the Prepared Direct Testimony of witness M. Ashley Sizemore, the environmental compliance costs sought to be approved for cost recovery proposed in this petition are consistent with the provisions of Section 366.8255, Florida Statutes, and with prior rulings by the Commission with respect to environmental compliance cost recovery for Tampa Electric and other investor-owned utilities.

3. Tampa Electric is not aware of any disputed issues of material fact regarding any of the matters stated or relief requested in this petition.

WHEREFORE, Tampa Electric Company requests this Commission's approval of the company's actual/estimated environmental cost recovery true-up calculations for the period January 1, 2023 through December 31, 2023.

DATED this 28th day of July 2023.

Respectfully submitted,

Malcolm N. Means

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ATTORNEYS FOR TAMPA ELECTRIC COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 28th day of July 2023 to the following:

Mr. Jacob Imig
Ms. Adria Harper
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Malcolm M. Means

ATTORNEY

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TAMPA ELECTRIC
AN EMERA COMPANY

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20230007-EI
IN RE: TAMPA ELECTRIC’S ENVIRONMENTAL COST RECOVERY

ACTUAL/ESTIMATED TRUE-UP
JANUARY 2023 THROUGH DECEMBER 2023

TESTIMONY AND EXHIBIT

OF

M. ASHLEY SIZEMORE

FILED: JULY 28, 2023

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

M. ASHLEY SIZEMORE

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

A. My name is M. Ashley Sizemore. My business address is 702 North Franklin Street, Tampa, Florida 33602. I am employed by Tampa Electric Company ("Tampa Electric" or "company") in the position of Director, Rates in the Regulatory Affairs department.

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

A. I received a Bachelor of Arts degree in Political Science and a Master of Business Administration degree from the University of South Florida in 2005 and 2008, respectively. I joined Tampa Electric in 2010 as a Customer Service Professional. In 2011, I joined the Regulatory Affairs department as a Rate Analyst. I spent six years in the Regulatory Affairs department working on environmental, fuel, and capacity cost recovery clauses. During the following three years as a Program Manager in Customer Experience, I managed billing and payment customer solutions, products, and services. I returned to the Regulatory Affairs department in 2020 as Manager, Rates. I was promoted to my current position in May 2023. My duties entail overseeing the cost recovery for fuel and purchased power, interchange sales, capacity payments, and approved environmental, conservation and storm protection plan projects. I have over 11 years of electric utility experience in the areas of customer experience and project management as well as the management of fuel and purchased power, capacity, and environmental cost recovery clauses.

Q. What is the purpose of your direct testimony?

A. The purpose of my testimony is to present, for Commission review and approval, the calculation of the January 2023 through December 2023 actual/estimated true-up amount to be refunded or recovered through the Environmental Cost Recovery Clause ("ECRC") during the period January 2024 through December 2024. My testimony addresses the recovery of capital and operations and maintenance ("O&M") costs associated with environmental compliance activities for 2023, based on six months of actual data and six months of estimated data. This information will be used in the determination of the environmental cost recovery factors for January 2024 through December 2024.

Q. Have you prepared an exhibit that shows the recoverable environmental costs for the actual/estimated period of January 2023 through December 2023?

A. Yes, Exhibit No. MAS-2 was prepared under my direction and supervision. Document No. 1 contains nine schedules, Forms 42-1E through 42-9E, which show the current period actual/estimated true-up amount to be used in calculating the cost recovery factors for January 2024 through December 2024.

Q. What has Tampa Electric calculated as the actual/estimated true-up for the current period to be applied during the period January 2024 through December 2024?

A. The actual/estimated true-up applicable for the current period, January 2023 through December 2023, is an over-recovery of $3,180,723. A detailed calculation supporting the true-up amount is shown on Forms 42-1E through 42-9E of my exhibit.

Q. Is Tampa Electric including costs in the actual/estimated true-up filing for any new environmental projects that were not anticipated and included in its 2023 ECRC factors?

A. No.

Q. Is Tampa Electric including any other adjustments in this 2023 actual/estimated true-up?

A. Yes. Tampa Electric performed a reclassification of expenditures initially assigned to the Big Bend NESHAP Subpart YYYY project that have subsequently been assigned to base rate operations and maintenance expense for the Big Bend 4 CT generating unit. The cumulative impact of the reclass on the ECRC activity for 2022, is a reduction of $108,665.

Q. What depreciation rates were utilized for the capital projects contained in the 2023 actual/estimated true-up?

A. Tampa Electric utilized the depreciation rates approved in Order No. PSC-2021-0423-S-EI, issued on November 10, 2021, in Docket No. 20210034-EI.

Q. Are there any adjustments to retirements that you would like to discuss.

A. Yes, the Big Bend Unit 4 Continuous Emissions Monitors ("CEM") project, the company has utilized depreciation rates calculated to recover the remaining net investment balance, $162,934, of a now-retired CEM asset, over the remainder of the year, July 2023 through December 2023. Tampa Electric requests approval for this treatment as it is consistent with Commission-approved treatment for other assets retired before the end of their projected depreciable life. For example, the accelerated recovery of the remaining net investment balance of the Gannon Ignition Oil Tank project over a five-year period was authorized by Commission Order No. PSC-2000-2391-FOF-EI, issued December 13, 2000 in Docket No. 20000007-EI. Similar treatment was also authorized for Big Bend Fuel Oil Tank projects in Commission Order No. PSC-2018-0594-FOF-EI, issued December 20, 2018 in Docket No. 20180007-EI.

Q. What capital structure components and cost rates did Tampa Electric rely on to calculate the revenue requirement rate of return for January 2023 through December 2023?

A. Tampa Electric’s midpoint Return on Equity (“ROE”) is 10.20 percent as approved by Commission Order No. PSC-2022-0322-FOF-EI, issued on September 12, 2022, in Docket No. 20220122-EI.

Q. Have there been any changes regarding the calculation of revenue requirement Rate of Return?

A. Yes, the company implemented a change in methodology based on a conference call with Commission Staff held on June 28, 2023. As a result of the call, the company agreed to exclude Bad Debt Expense and Regulatory Assessment Fee from the determination of the times tax multiplier used for the revenue requirement Rate of Return for all clauses effective July of this year.

The calculation of the revenue requirement rate of return is shown on Form 42-9E.

Q. How did the actual/estimated project expenditures for the January 2023 through December 2023 period compare with the company’s original projections?

A. As shown on Form 42-4E, total O&M costs are expected to be $1,775,488 less than originally projected. The total capital expenditures itemized on Form 42-6E, are expected to be $913,298 less than originally projected. Significant variances for O&M costs and capital project amounts are explained below.

O&M Project Variances

O&M expense projections related to planned maintenance work are typically spread across the period in question. However, the company always inspects the units to ensure that the maintenance is needed, before beginning work. The need varies according to the actual usage and associated "wear and tear" on the units. If inspection indicates that the maintenance is not yet needed or if additional work is needed, then the company will have a variance compared to the projection. When inspections indicate that work is not needed now, that maintenance expense will be incurred in a future period when warranted by the condition of the unit.

- **SO_2 Emissions Allowances:** The SO_2 Emissions Allowances project variance is estimated to be $52 or 513.8 percent less than projected. The variance is due to fewer cogeneration purchases than projected, the application of a lower SO_2 emission allowance rate than originally projected, and an SO_2 emission allowance gain of $53.40

that was not anticipated.

- **Big Bend PM Minimization & Monitoring:** The Big Bend PM Minimization & Monitoring project variance is estimated to be $64,002 or 26.7 percent greater than originally projected. This variance is largely due to an increase in CEM maintenance contract costs.

- **Bayside SCR and Ammonia:** The Bayside Selective Catalytic Reduction ("SCR") and Ammonia project variance is $32,062 or 10.9 percent less than originally projected. This variance is due to Bayside Station generation being less than originally projected, leading to the need for fewer consumables.

- **Big Bend Unit 4 SOFA:** The Big Bend Unit 4 SOFA project variance is $50,000 or 100 percent less than originally projected. The variance relates to a change from the original projection. The original projection assumed that O&M costs for the Big Bend Unit 4 SOFA joint replacement capital project, placed in service, would be incurred in 2023. This assumption has changed, there is no O&M expected in 2023 related to this project.

- **Clean Water Act Section 316(b) Phase II Study:** The Clean

Water Act Section 316(b) Phase II Study project variance is $10,150 or 100 percent less than originally projected. This variance is due to the delay in receiving the NPDES permit. Once the permit is received, and a determination is made regarding the requirement for entrainment reductions, the costs will be incurred.

- **Big Bend Unit 3 SCR:** The Big Bend Unit 3 SCR project variance is $269,158 or 75.8 percent less than originally projected. Less maintenance was required for Big Bend Unit 3 as the unit was retired in May 2023 and the original projection included SCR maintenance costs for all of 2023.

- **Big Bend Unit 4 SCR:** The Big Bend Unit 4 SCR project variance is $692,330 or 49.1 percent less than originally projected. Less maintenance is required for Big Bend Unit 4 as it is running on natural gas and operating less than originally projected.

- **Mercury Air Toxics Standards:** The Mercury Air Toxics Standards ("MATS") project variance is $1,000 or 100 percent less than originally projected. The Sorbent trap replenishment associated with mercury stack testing on Big Bend Unit 4 has not yet occurred. Stack testing and replenishment are expected to occur in 2024.

- **Greenhouse Gas Reduction Program:** The Greenhouse Gas Reduction Program variance is $2,658 or 13.9 percent greater than originally projected. The variance is due to higher service provider costs than originally expected.

- **Big Bend Gypsum Storage Facility:** The Big Bend Gypsum Storage Facility project variance is $67,481 or 23.9 percent less than originally projected. The variance is due to a reduction in coal generation, compared to the original projection, reducing the amount of gypsum storage processing required.

- **Big Bend ELG Compliance:** The Big Bend Effluent Limitation Guidelines ("ELG") Compliance project variance is $250,000 or 83.3 percent less than originally projected. This variance is due to timing differences in the project schedule when compared to the original projection. The costs will be incurred in the future.

- **Big Bend CCR Rule – Phase II:** The Big Bend Coal Combustion Residual ("CCR") Rule – Phase I project variance is $200,004, or 100 percent less than originally projected. The variance is due to timing differences in project schedules when compared to original projections. The project was completed in 2022.

- **Big Bend Unit 1 316(b) Impingement Mortality:** The Big Bend Unit 1 316(b) Impingement Mortality project variance is $240,000, or 80 percent less than originally projected. The variance is due to the new system requiring less operating and maintenance costs than originally projected.

- **Big Bend NESHAP Subpart YYYY Compliance:** The Big Bend NESHAP Subpart YYYY Compliance project variance is $30,000, or 40 percent less than originally projected. The variance is due to timing differences in project schedules when compared to original projections. Catalyst and CO Monitoring maintenance originally projected for 2023 is now expected to be occur in 2024.

<u>Capital Project Variances</u>

- **Big Bend Continuous Emissions Monitors:** The Big Bend Continuous Emissions and Monitors project variance is $159,901, or 405.1 percent greater than originally projected. The variance is due to the accelerated depreciation associated with the retired asset discussed earlier in my testimony.

- **Big Bend Unit 4 SOFA:** The Big Bend Unit 4 SOFA project variance is $25,311, or 13.8 percent greater than originally projected. The variance is due to the cost of expansion joint replacement being more than originally projected.

- **Big Bend 4 SCR:** The Big Bend 4 SCR project variance is $96,541, or 1.9 percent greater than originally projected. The variance is due to catalyst replacement cost being higher than originally projected.

- **Big Bend Coal Combustion Residual Rule ("CCR") Phases I & II:** The Big Bend CCR Phase I & II project variances are $75,133 and $15,317, or 14.4 and 10.3 percent less, respectively, than originally projected. The variances for Phase I and Phase II are due to reclassifying costs associated with the relocation of berm material to the south Gypsum area from installed cost, recoverable through this clause, to cost of removal, which is recoverable through base rates.

- **Big Bend ELG Compliance:** The Big Bend ELG Compliance project variance is $1,230,561 or 43.1 percent less than originally projected. This variance is due to timing differences in the project schedule when compared to the original projection. While drilling the first injection well, the underground rock formation was more dense than anticipated and caused the drilling effort to move more slowly than expected. The project expenditures are still needed and will be incurred in the future.

- **Big Bend Unit 1 Section 316(b) Impingement Mortality:** The Big Bend Unit 1 Section 316(b) Impingement Mortality project variance is $120,396 or 7.9 percent less than originally projected. The cost to finalize installation was less than expected.

- **Bayside 316(b)Compliance:** The Bayside 316(b) Compliance project variance is $112,718 or 13.2 percent greater than originally projected as costs associated with the fabrication and delivery of the fish return piping was higher than originally estimated due to additional technical specifications required to achieve project objectives.

- **Big Bend NESHAP Subpart YYYY Compliance:** The Big Bend NESHAP Subpart YYYY Compliance project variance is $9,664 or 22.6 percent greater than originally projected due to catalyst installation costs on CT 4 being higher than originally estimated.

Q. Does this conclude your direct testimony?

A. Yes, it does.

EXHIBIT TO THE TESTIMONY OF
M. ASHLEY SIZEMORE

TAMPA ELECTRIC'S ENVIRONMENTAL
COST RECOVERY

ACTUAL/ESTIMATED TRUE-UP

JANUARY 2023 THROUGH DECEMBER 2023

INDEX

TAMPA ELECTRIC COMPANY

ENVIRONMENTAL COST RECOVERY CLAUSE

ACTUAL/ESTIMATED TRUE-UP AMOUNT

FOR THE PERIOD

JANUARY 2023 THROUGH DECEMBER 2023

FORMS 42-1E THROUGH 42-9E

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023
(in Dollars)

Line		Period Amount
1.	Over/(Under) Recovery for the Current Period (Form 42-2E, Line 5)	$2,888,054
2.	Interest Provision (Form 42-2E, Line 6)	401,334
3.	Sum of Current Period Adjustments (Form 42-2E, Line 10)	(108,665)
4.	Current Period True-Up Amount to be Refunded/(Recovered) In the Projection Period January 2024 to December 2024 (Lines 1 + 2 + 3)	$3,180,723

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Current Period True-Up Amount
(in Dollars)

Line		Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	ECRC Revenues (net of Revenue Taxes)	$1,354,126	$1,217,985	$1,266,221	$1,384,727	$1,467,413	$1,596,290	$1,694,740	$1,699,965	$1,745,323	$1,599,575	$1,335,960	$1,242,336	$17,604,661
2.	True-Up Provision	547,547	547,547	547,547	547,547	547,547	547,547	547,547	547,547	547,547	547,547	547,547	547,541	6,570,558
3.	ECRC Revenues Applicable to Period (Lines 1 + 2)	1,901,673	1,765,532	1,813,768	1,932,274	2,014,960	2,143,837	2,242,287	2,247,512	2,292,870	2,147,122	1,883,507	1,789,877	24,175,219
4.	Jurisdictional ECRC Costs													
	a. O & M Activities (Form 42-5E, Line 9)	258,598	96,602	160,477	34,163	147,549	81,952	178,731	144,420	154,853	154,164	174,853	209,330	1,795,692
	b. Capital Investment Projects (Form 42-7E, Line 9)	1,531,180	1,529,897	1,535,538	1,594,266	1,606,937	1,617,560	1,649,447	1,668,460	1,676,864	1,685,397	1,694,094	1,701,833	19,491,473
	c. Total Jurisdictional ECRC Costs	1,789,778	1,626,499	1,696,015	1,628,429	1,754,486	1,699,512	1,828,178	1,812,880	1,831,717	1,839,561	1,868,947	1,911,163	21,287,165
5.	Over/(Under) Recovery (Line 3 - Line 4c)	111,895	139,033	117,753	303,845	260,474	444,325	414,109	434,632	461,153	307,561	14,560	(121,286)	2,888,054
6.	Interest Provision (Form 42-3E, Line 10)	35,651	35,303	34,873	34,433	34,398	34,533	34,015	33,556	33,275	32,415	30,630	28,252	401,334
7.	Beginning Balance True-Up & Interest Provision	6,570,558	6,061,892	5,688,681	5,293,760	5,084,491	4,831,816	4,763,127	4,663,704	4,584,345	4,531,226	4,323,655	3,821,298	6,570,558
	a. Deferred True-Up from January to December 2022 (Order No. PSC-2022-0424-FOF-EI)	3,288,223	3,288,223	3,288,223	3,288,223	3,288,223	3,288,223	3,288,223	3,288,223	3,288,223	3,288,223	3,288,223	3,288,223	3,288,223
8.	True-Up Collected/(Refunded) (see Line 2)	(547,547)	(547,547)	(547,547)	(547,547)	(547,547)	(547,547)	(547,547)	(547,547)	(547,547)	(547,547)	(547,547)	(547,541)	(6,570,558)
9.	End of Period Total True-Up (Lines 5+6+7+7a+8)	9,458,780	8,976,904	8,581,983	8,372,714	8,120,039	8,051,350	7,951,927	7,872,568	7,819,449	7,611,878	7,109,521	6,468,946	6,577,611
10.	Adjustment to Period True-Up Including Interest	(108,665)	0	0	0	0	0	0	0	0	0	0	0	(108,665)
11.	End of Period Total True-Up (Lines 9 + 10)	$9,350,115	$8,976,904	$8,581,983	$8,372,714	$8,120,039	$8,051,350	$7,951,927	$7,872,568	$7,819,449	$7,611,878	$7,109,521	$6,468,946	$6,468,946

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Interest Provision
(in Dollars)

Line		Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Beginning True-Up Amount (Form 42-2E, Line 7 + 7a + 10)	$9,750,116	$9,350,115	$8,976,904	$8,581,983	$8,372,714	$8,120,039	$8,051,350	$7,951,927	$7,872,568	$7,819,449	$7,611,878	$7,109,521	
2.	Ending True-Up Amount Before Interest	9,314,464	8,941,601	8,547,110	8,338,281	8,085,641	8,016,817	7,917,912	7,839,012	7,786,174	7,579,463	7,078,891	6,440,694	
3.	Total of Beginning & Ending True-Up (Lines 1 + 2)	19,064,580	18,291,716	17,524,014	16,920,264	16,458,355	16,136,856	15,969,262	15,790,939	15,658,742	15,398,912	14,690,769	13,550,215	
4.	Average True-Up Amount (Line 3 x 1/2)	9,532,290	9,145,858	8,762,007	8,460,132	8,229,178	8,068,428	7,984,631	7,895,470	7,829,371	7,699,456	7,345,385	6,775,108	
5.	Interest Rate (First Day of Reporting Business Month)	4.37%	4.61%	4.66%	4.88%	4.89%	5.14%	5.13%	5.10%	5.10%	5.10%	5.00%	5.00%	
6.	Interest Rate (First Day of Subsequent Business Month)	4.61%	4.66%	4.88%	4.89%	5.14%	5.13%	5.10%	5.10%	5.10%	5.00%	5.00%	5.00%	
7.	Total of Beginning & Ending Interest Rates (Lines 5 + 6)	8.98%	9.27%	9.54%	9.77%	10.03%	10.27%	10.23%	10.20%	10.20%	10.10%	10.00%	10.00%	
8.	Average Interest Rate (Line 7 x 1/2)	4.490%	4.635%	4.770%	4.885%	5.015%	5.135%	5.115%	5.100%	5.100%	5.050%	5.000%	5.000%	
9.	Monthly Average Interest Rate (Line 8 x 1/12)	0.374%	0.386%	0.398%	0.407%	0.418%	0.428%	0.426%	0.425%	0.425%	0.421%	0.417%	0.417%	
10.	Interest Provision for the Month (Line 4 x Line 9)	$35,651	$35,303	$34,873	$34,433	$34,398	$34,533	$34,015	$33,556	$33,275	$32,415	$30,630	$28,252	$401,334

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Variance Report of O & M Activities
(In Dollars)

Line		(1) Actual / Estimated	(2) Original Projection	(3) Variance Amount	(4) Variance Percent
1.	Description of O&M Activities				
	a. Big Bend Unit 3 Flue Gas Desulfurization Integration	$0	$0	$0	0.0%
	b. SO2 Emissions Allowances	(62)	(10)	(52)	513.8%
	c. Big Bend Units 1 & 2 FGD	-	-	-	0.0%
	d. Big Bend PM Minimization and Monitoring	304,002	240,000	64,002	26.7%
	e. NPDES Annual Surveillance Fees	34,589	34,500	89	0.3%
	f. Gannon Thermal Discharge Study	-	-	-	0.0%
	g. Polk NOx Emissions Reduction	-	-	-	0.0%
	h. Bayside SCR Consumables	262,538	294,600	(32,062)	-10.9%
	i. Big Bend Unit 4 SOFA	-	50,000	(50,000)	-100.0%
	j. Clean Water Act Section 316(b) Phase II Study	-	10,150	(10,150)	-100.0%
	k. Arsenic Groundwater Standard Program	-	-	-	0.0%
	l. Big Bend 3 SCR	85,937	355,095	(269,158)	-75.8%
	m. Big Bend 4 SCR	716,443	1,408,774	(692,330)	-49.1%
	n. Mercury Air Toxics Standards	-	1,000	(1,000)	-100.0%
	o. Greenhouse Gas Reduction Program	21,798	19,140	2,658	13.9%
	p. Big Bend Gypsum Storage Facility	215,446	282,927	(67,481)	-23.9%
	q. Coal Combustion Residuals (CCR) Rule	-	-	-	0.0%
	r. Big Bend ELG Compliance	50,000	300,000	(250,000)	-83.3%
	s. CCR Rule - Phase II	-	200,004	(200,004)	-100.0%
	t. Big Bend Unit 1 Sec. 316(b) Impingement Mortality	60,000	300,000	(240,000)	-80.0%
	u. Bayside 316(b) Compliance	-	-	-	0.0%
	v. Big Bend NESHAP Subpart YYYY Compliance	45,000	75,000	(30,000)	-40.0%
2.	Total Investment Projects - Recoverable Costs	$1,795,693	$3,571,180	(1,775,488)	-49.7%
3.	Recoverable Costs Allocated to Energy	$1,761,104	$3,526,530	(1,765,427)	-50.1%
4.	Recoverable Costs Allocated to Demand	$34,589	$44,650	(10,061)	-22.5%

Notes:
Column (1) is the End of Period Totals on Form 42-5E.
Column (2) is the approved projected amount in accordance with FPSC Order No. PSC-2022-0424-FOF-EI.
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

Form 42 - 5E

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

O&M Activities
(in Dollars)

Line		Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total	Method of Classification Demand	Energy
1.	Description of O&M Activities															
	a. Big Bend Unit 3 Flue Gas Desulfurization Integration	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		$0
	b. SO2 Emissions Allowances	(2)	1	1	(5)	(53)	1	(6)	2	2	(6)	2	2	(62)		(62)
	c. Big Bend Units 1 & 2 FGD	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	d. Big Bend PM Minimization and Monitoring	118,508	2,108	29,040	(22,696)	1,059	78,944	16,000	16,000	16,000	16,000	16,000	17,040	304,002		304,002
	e. NPDES Annual Surveillance Fees	34,589	0	0	0	0	0	0	0	0	0	0	0	34,589	$34,589	
	f. Gannon Thermal Discharge Study	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	g. Polk NOx Emissions Reduction	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	h. Bayside SCR Consumables	29,128	0	8,585	0	9,868	(7,512)	24,550	24,550	34,983	34,983	34,983	68,420	262,538		262,538
	i. Big Bend Unit 4 SOFA	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	j. Clean Water Act Section 316(b) Phase II Study	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	k. Arsenic Groundwater Standard Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	l. Big Bend 3 SCR	23,622	23,027	13,776	6,396	29,115	(10,000)	0	0	0	0	0	0	85,937		85,937
	m. Big Bend 4 SCR	18,331	50,236	103,320	38,800	107,560	14,985	63,868	63,868	63,868	63,868	63,868	63,868	716,443		716,443
	n. Mercury Air Toxics Standards	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	o. Greenhouse Gas Reduction Program	7,235	1,606	0	4,319	0	0	4,319	0	0	4,319	0	0	21,798		21,798
	p. Big Bend Gypsum Storage Facility	27,186	19,623	5,755	7,348	0	5,535	25,000	25,000	25,000	25,000	25,000	25,000	215,446		215,446
	q. Coal Combustion Residuals (CCR) Rule	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	r. Big Bend ELG Compliance	0	0	0	0	0	0	0	0	0	0	25,000	25,000	50,000		50,000
	s. CCR Rule - Phase II	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	t. Big Bend Unit 1 Sec. 316(b) Impingement Mortality	0	0	0	0	0	0	10,000	10,000	10,000	10,000	10,000	10,000	60,000		60,000
	u. Bayside 316(b) Compliance	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	v. Big Bend NESHAP Subpart YYYY Compliance	0	0	0	0	0	0	35,000	5,000	5,000	0	0	0	45,000		45,000
2.	Total of O&M Activities	258,598	96,602	160,477	34,163	147,549	81,952	178,731	144,420	154,853	154,164	174,853	209,330	1,795,693	$34,589	$1,761,104
3.	Recoverable Costs Allocated to Energy	224,009	96,602	160,477	34,163	147,549	81,952	178,731	144,420	154,853	154,164	174,853	209,330	1,761,104		
4.	Recoverable Costs Allocated to Demand	34,589	0	0	0	0	0	0	0	0	0	0	0	34,589		
5.	Retail Energy Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
6.	Retail 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			
7.	Jurisdictional Energy Recoverable Costs (A)	224,009	96,602	160,477	34,163	147,549	81,952	178,731	144,420	154,853	154,164	174,853	209,330	1,761,103		
8.	Jurisdictional Demand Recoverable Costs (B)	34,589	0	0	0	0	0	0	0	0	0	0	0	34,589		
9.	Total Jurisdictional Recoverable Costs for O&M Activities (Lines 7 + 8)	$258,598	$96,602	$160,477	$34,163	$147,549	$81,952	$178,731	$144,420	154,853	154,164	$174,853	$209,330	$1,795,692		

21

Tampa Electric Company

Form 42 - 6E

Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Variance Report of Capital Investment Projects - Recoverable Costs
(In Dollars)

Line			(1) Actual / Estimated	(2) Original Projection	(3) Variance Amount	(4) Variance Percent
1.		Description of Investment Projects				
	a.	Big Bend Unit 3 Flue Gas Desulfurization Integration	$953,803	$940,019	$13,784	1.5%
	b.	Big Bend Unit 4 Continuous Emissions Monitors	199,374	39,473	159,901	405.1%
	c.	Big Bend Section 114 Mercury Testing Platform	7,979	7,874	105	1.3%
	d.	Big Bend Units 1 & 2 FGD	1,762,643	1,748,578	14,065	0.8%
	e.	Big Bend FGD Optimization and Utilization	1,584,838	1,561,781	23,057	1.5%
	f.	Big Bend PM Minimization and Monitoring	24,731	24,354	377	1.5%
	g.	Polk NOx Emissions Reduction	107,427	106,294	1,133	1.1%
	h.	Big Bend Unit 4 SOFA	209,212	183,901	25,311	13.8%
	i.	Big Bend Unit 4 SCR	5,217,588	5,121,047	96,541	1.9%
	j.	Big Bend FGD System Reliability	2,126,750	2,091,213	35,537	1.7%
	k.	Mercury Air Toxics Standards	647,888	646,969	919	0.1%
	l.	SO2 Emissions Allowances	(2,862)	(2,796)	(66)	2.4%
	m.	Big Bend Gypsum Storage Facility	2,034,143	1,999,080	35,063	1.8%
	n.	Big Bend Coal Combustion Residual Rule (CCR Rule)	446,693	521,826	(75,133)	-14.4%
	o.	Coal Combustion Residuals (CCR-Phase II)	132,819	148,136	(15,317)	-10.3%
	p.	Big Bend ELG Compliance	1,623,551	2,854,112	(1,230,561)	-43.1%
	q.	Big Bend Unit 1 Sec. 316(b) Impingement Mortality	1,395,290	1,515,686	(120,396)	-7.9%
	r.	Bayside 316(b) Compliance	967,233	854,515	112,718	13.2%
	s.	Big Bend NESHAP Subpart YYYY Compliance	52,373	42,709	9,664	22.6%
2.		Total Investment Projects - Recoverable Costs	$19,491,473	$20,404,771	($913,298)	-4.5%
3.		Recoverable Costs Allocated to Energy	$14,925,887	$14,510,496	$415,391	2.9%
4.		Recoverable Costs Allocated to Demand	$4,565,586	$5,894,275	($1,328,689)	-22.5%

Notes:

Column (1) is the End of Period Totals on Form 42-7E.
Column (2) is the approved projected amount in accordance with FPSC Order No. PSC-2022-0424-FOF-EI.
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Form 42-7E

Capital Investment Projects-Recoverable Costs
(in Dollars)

Line	Description (A)	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total	Method of Classification Demand	Method of Classification Energy
1. a.	Big Bend Unit 3 Flue Gas Desulfurization Integration	$80,892	$80,645	$80,396	$80,149	$79,901	$79,653	$79,313	$79,066	$78,818	$78,571	$78,323	$78,076	$953,803		$953,803
b.	Big Bend Unit 4 Continuous Emissions Monitors	3,404	3,388	3,374	3,360	3,345	3,330	30,377	30,172	29,968	29,763	29,559	29,334	199,374		199,374
c.	Big Bend Section 114 Mercury Testing Platform	678	676	673	671	668	667	663	661	659	657	654	652	7,979		7,979
d.	Big Bend Units 1 & 2 FGD	150,860	150,146	149,432	148,718	148,003	147,290	146,481	145,768	145,056	144,342	143,630	142,917	1,762,643		1,762,643
e.	Big Bend FGD Optimization and Utilization	134,392	133,984	133,576	133,167	132,758	132,350	131,787	131,380	130,973	130,564	130,157	129,750	1,584,838		1,584,838
f.	Big Bend PM Minimization and Monitoring	2,095	2,089	2,083	2,077	2,071	2,065	2,057	2,051	2,044	2,039	2,033	2,027	24,731		24,731
g.	Polk NO_x Emissions Reduction	9,162	9,124	9,087	9,050	9,012	8,974	8,930	8,892	8,855	8,818	8,780	8,743	107,427		107,427
h.	Big Bend Unit 4 SOFA	15,933	15,896	16,576	16,956	17,164	17,674	17,610	18,386	18,334	18,282	18,228	18,173	209,212		209,212
i.	Big Bend Unit 4 SCR	422,583	421,322	424,422	431,167	435,647	436,817	435,345	444,764	443,411	442,057	440,703	439,350	5,217,588		5,217,588
j.	Big Bend FGD System Reliability	179,794	179,348	178,904	178,460	178,014	177,570	176,886	176,442	175,999	175,555	175,111	174,667	2,126,750		2,126,750
k.	Mercury Air Toxics Standards	54,782	54,645	54,508	54,370	54,232	54,095	53,885	53,748	53,612	53,474	53,337	53,200	647,888		647,888
l.	SO_2 Emissions Allowances (B)	(239)	(239)	(239)	(239)	(239)	(239)	(238)	(238)	(238)	(238)	(238)	(238)	(2,862)		(2,862)
m.	Big Bend Gypsum Storage Facility	171,835	171,434	171,033	170,632	170,231	169,829	169,193	168,792	168,391	167,991	167,591	167,191	2,034,143		2,034,143
n.	Big Bend Coal Combustion Residual Rule (CCR Rule)	37,594	37,513	37,432	37,351	37,269	37,188	37,087	37,075	37,065	37,052	37,040	37,027	446,693	$446,693	
o.	Coal Combustion Residuals (CCR-Phase II)	11,158	11,143	11,128	11,114	11,100	11,085	11,051	11,037	11,023	11,008	10,993	10,979	132,819	132,819	
p.	Big Bend ELG Compliance	102,385	105,011	106,513	111,011	118,834	127,971	134,877	143,082	153,272	163,779	174,048	182,768	1,623,551	1,623,551	
q.	Big Bend Unit 1 Impingement Mortality - 316(b)	83,206	83,278	83,278	128,672	128,353	128,034	127,541	127,223	126,904	126,585	126,267	125,949	1,395,290	1,395,290	
r.	Bayside 316(b) Compliance	67,670	67,503	69,715	72,790	75,793	78,435	81,846	85,413	87,981	90,370	93,159	96,558	967,233	967,233	
s.	CT4 Compliance Eqmnt NESHAP	2,996	2,991	3,647	4,790	4,781	4,772	4,756	4,746	4,737	4,728	4,719	4,710	52,373		52,373
2.	Total Investment Projects - Recoverable Costs	1,531,180	1,529,897	1,535,538	1,594,266	1,606,937	1,617,560	1,649,447	1,668,460	1,676,864	1,685,397	1,694,094	1,701,833	19,491,473	$4,565,586	$14,925,887
3.	Recoverable Costs Allocated to Energy	1,229,167	1,225,449	1,227,472	1,233,328	1,235,588	1,234,847	1,257,045	1,264,630	1,260,619	1,256,603	1,252,587	1,248,552	14,925,887		14,925,887
4.	Recoverable Costs Allocated to Demand	302,013	304,448	308,066	360,938	371,349	382,713	392,402	403,830	416,245	428,794	441,507	453,281	4,565,586	4,565,586	
5.	Retail Energy Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
6.	Retail 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			
7.	Jurisdictional Energy Recoverable Costs (C)	1,229,167	1,225,449	1,227,472	1,233,328	1,235,588	1,234,847	1,257,045	1,264,630	1,260,619	1,256,603	1,252,587	1,248,552	14,925,887		
8.	Jurisdictional Demand Recoverable Costs (D)	302,013	304,448	308,066	360,938	371,349	382,713	392,402	403,830	416,245	428,794	441,507	453,281	4,565,586		
9.	Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)	$1,531,180	$1,529,897	$1,535,538	$1,594,266	$1,606,937	$1,617,560	$1,649,447	$1,668,460	$1,676,864	$1,685,397	$1,694,094	$1,701,833	$19,491,473		

Notes:
(A) Each project's Total System Recoverable Expenses on Form 42-8E, Line 9
(B) Project's Total Return Component on Form 42-8E, Line 7
(C) Line 3 x Line 5
(D) Line 4 x Line 6

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 3 Flue Gas Desulfurization Integration
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	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 - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	$13,763,263	$13,763,263	$13,763,263	$13,763,263	$13,763,263	$13,763,263	$13,763,263	$13,763,263	$13,763,263	$13,763,263	$13,763,263	$13,763,263	$13,763,263	
3.	Less: Accumulated Depreciation	(7,248,885)	(7,284,250)	(7,319,615)	(7,354,980)	(7,390,345)	(7,425,710)	(7,461,075)	(7,496,440)	(7,531,805)	(7,567,170)	(7,602,535)	(7,637,900)	(7,673,265)	
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)	$6,514,378	$6,479,013	$6,443,648	$6,408,283	$6,372,918	$6,337,553	$6,302,188	$6,266,823	$6,231,458	$6,196,093	$6,160,728	$6,125,363	$6,089,998	
6.	Average Net Investment		6,496,696	6,461,331	6,425,966	6,390,601	6,355,236	6,319,871	6,284,506	6,249,141	6,213,776	6,178,411	6,143,046	6,107,681	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$35,357	$35,165	$34,972	$34,780	$34,587	$34,395	$34,110	$33,918	$33,726	$33,534	$33,342	$33,150	$411,036
	b. Debt Component Grossed Up For Taxes (C)		10,170	10,115	10,059	10,004	9,949	9,893	9,838	9,783	9,727	9,672	9,616	9,561	118,387
8.	Investment Expenses														
	a. Depreciation (D)		35,365	35,365	35,365	35,365	35,365	35,365	35,365	35,365	35,365	35,365	35,365	35,365	424,380
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		80,892	80,645	80,396	80,149	79,901	79,653	79,313	79,066	78,818	78,571	78,323	78,076	953,803
	a. Recoverable Costs Allocated to Energy		80,892	80,645	80,396	80,149	79,901	79,653	79,313	79,066	78,818	78,571	78,323	78,076	953,803
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		80,892	80,645	80,396	80,149	79,901	79,653	79,313	79,066	78,818	78,571	78,323	78,076	953,803
13.	Retail 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)		$80,892	$80,645	$80,396	$80,149	$79,901	$79,653	$79,313	$79,066	$78,818	$78,571	$78,323	$78,076	$953,803

Notes:
(A) Applicable depreciable base for Big Bend; accounts 312.45 ($13,435,775), 315.45 ($327,307), and 312.40 ($182).
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is 3.1%, 2.4%, and 4.6%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 4 Continuous Emissions Monitors
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	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 (A)	$866,211	$866,211	$866,211	$866,211	$866,211	$866,211	$866,211	$866,211	$866,211	$866,211	$866,211	$866,211	$866,211	
3.	Less: Accumulated Depreciation	(678,161)	(680,254)	(682,347)	(684,440)	(686,533)	(688,626)	(690,719)	(719,971)	(749,223)	(778,475)	(807,727)	(836,979)	(866,211)	
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)	$188,050	$185,957	$183,864	$181,771	$179,678	$177,585	$175,492	$146,240	$116,988	$87,736	$58,484	$29,232	$0	
6.	Average Net Investment		187,004	184,911	182,818	180,725	178,632	176,539	160,866	131,614	102,362	73,110	43,858	14,616	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$1,018	$1,006	$995	$984	$972	$961	$873	$714	$556	$397	$238	$79	$8,793
	b. Debt Component Grossed Up For Taxes (C)		293	289	286	283	280	276	252	206	160	114	69	23	2,531
8.	Investment Expenses														
	a. Depreciation (D)		2,093	2,093	2,093	2,093	2,093	2,093	29,252	29,252	29,252	29,252	29,252	29,232	188,050
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		3,404	3,388	3,374	3,360	3,345	3,330	30,377	30,172	29,968	29,763	29,559	29,334	199,374
	a. Recoverable Costs Allocated to Energy		3,404	3,388	3,374	3,360	3,345	3,330	30,377	30,172	29,968	29,763	29,559	29,334	199,374
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		3,404	3,388	3,374	3,360	3,345	3,330	30,377	30,172	29,968	29,763	29,559	29,334	199,374
13.	Retail 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)		$3,404	$3,388	$3,374	$3,360	$3,345	$3,330	$30,377	$30,172	$29,968	$29,763	$29,559	$29,334	$199,374

Notes:
(A) Applicable depreciable base for Big Bend; account 315.44
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate through June 2023 was 2.9%; depreciation was accelerated July-December.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Section 114 Mercury Testing Platform
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	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 (A)	$120,737	$120,737	$120,737	$120,737	$120,737	$120,737	$120,737	$120,737	$120,737	$120,737	$120,737	$120,737	$120,737	
3.	Less: Accumulated Depreciation	(69,787)	(70,109)	(70,431)	(70,753)	(71,075)	(71,397)	(71,719)	(72,041)	(72,363)	(72,685)	(73,007)	(73,329)	(73,651)	
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)	$50,950	$50,628	$50,306	$49,984	$49,662	$49,340	$49,018	$48,696	$48,374	$48,052	$47,730	$47,408	$47,086	
6.	Average Net Investment		50,789	50,467	50,145	49,823	49,501	49,179	48,857	48,535	48,213	47,891	47,569	47,247	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$276	$275	$273	$271	$269	$268	$265	$263	$262	$260	$258	$256	$3,196
	b. Debt Component Grossed Up For Taxes (C)		80	79	78	78	77	77	76	76	75	75	74	74	919
8.	Investment Expenses														
	a. Depreciation (D)		322	322	322	322	322	322	322	322	322	322	322	322	3,864
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		678	676	673	671	668	667	663	661	659	657	654	652	7,979
	a. Recoverable Costs Allocated to Energy		678	676	673	671	668	667	663	661	659	657	654	652	7,979
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		678	676	673	671	668	667	663	661	659	657	654	652	7,979
13.	Retail 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)		$678	$676	$673	$671	$668	$667	$663	$661	$659	$657	$654	$652	$7,979

Notes:
(A) Applicable depreciable base for Big Bend; account 311.40
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is 3.2%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Units 1 and 2 FGD
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	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 - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	$28,490,542	$28,490,542	$28,490,542	$28,490,542	$28,490,542	$28,490,542	$28,490,542	$28,490,542	$28,490,542	$28,490,542	$28,490,542	$28,490,542	$28,490,542	
3.	Less: Accumulated Depreciation	(21,455,978)	(21,557,899)	(21,659,820)	(21,761,741)	(21,863,662)	(21,965,583)	(22,067,504)	(22,169,425)	(22,271,346)	(22,373,267)	(22,475,188)	(22,577,109)	(22,679,030)	
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)	$7,034,565	$6,932,644	$6,830,723	$6,728,802	$6,626,881	$6,524,960	$6,423,039	$6,321,118	$6,219,197	$6,117,276	$6,015,355	$5,913,434	$5,811,513	
6.	Average Net Investment		6,983,604	6,881,683	6,779,762	6,677,841	6,575,920	6,473,999	6,372,078	6,270,157	6,168,236	6,066,315	5,964,394	5,862,473	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$38,007	$37,452	$36,898	$36,343	$35,788	$35,234	$34,585	$34,032	$33,479	$32,925	$32,372	$31,819	$418,934
	b. Debt Component Grossed Up For Taxes (C)		10,932	10,773	10,613	10,454	10,294	10,135	9,975	9,815	9,656	9,496	9,337	9,177	120,657
8.	Investment Expenses														
	a. Depreciation (D)		101,921	101,921	101,921	101,921	101,921	101,921	101,921	101,921	101,921	101,921	101,921	101,921	1,223,052
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		150,860	150,146	149,432	148,718	148,003	147,290	146,481	145,768	145,056	144,342	143,630	142,917	1,762,643
	a. Recoverable Costs Allocated to Energy		150,860	150,146	149,432	148,718	148,003	147,290	146,481	145,768	145,056	144,342	143,630	142,917	1,762,643
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		150,860	150,146	149,432	148,718	148,003	147,290	146,481	145,768	145,056	144,342	143,630	142,917	1,762,643
13.	Retail 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)		$150,860	$150,146	$149,432	$148,718	$148,003	$147,290	$146,481	$145,768	$145,056	$144,342	$143,630	$142,917	$1,762,643

Notes:
(A) Applicable depreciable base for Big Bend; accounts 311.46 ($141,968), 312.46 ($28,341,531), and 315.46 ($7,043).
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rates is 2.9%, 4.3%, and 3.5%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend FGD Optimization and Utilization
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	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 (A)	$22,652,292	$22,652,292	$22,652,292	$22,652,292	$22,652,292	$22,652,292	$22,652,292	$22,652,292	$22,652,292	$22,652,292	$22,652,292	$22,652,292	$22,652,292	
3.	Less: Accumulated Depreciation	(11,759,488)	(11,817,750)	(11,876,012)	(11,934,274)	(11,992,536)	(12,050,798)	(12,109,060)	(12,167,322)	(12,225,584)	(12,283,846)	(12,342,108)	(12,400,370)	(12,458,632)	
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)	$10,892,804	$10,834,542	$10,776,280	$10,718,018	$10,659,756	$10,601,494	$10,543,232	$10,484,970	$10,426,708	$10,368,446	$10,310,184	$10,251,922	$10,193,660	
6.	Average Net Investment		10,863,673	10,805,411	10,747,149	10,688,887	10,630,625	10,572,363	10,514,101	10,455,839	10,397,577	10,339,315	10,281,053	10,222,791	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$59,124	$58,807	$58,490	$58,172	$57,855	$57,538	$57,066	$56,750	$56,434	$56,117	$55,801	$55,485	$687,639
	b. Debt Component Grossed Up For Taxes (C)		17,006	16,915	16,824	16,733	16,641	16,550	16,459	16,368	16,277	16,185	16,094	16,003	198,055
8.	Investment Expenses														
	a. Depreciation (D)		58,262	58,262	58,262	58,262	58,262	58,262	58,262	58,262	58,262	58,262	58,262	58,262	699,144
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		134,392	133,984	133,576	133,167	132,758	132,350	131,787	131,380	130,973	130,564	130,157	129,750	1,584,838
	a. Recoverable Costs Allocated to Energy		134,392	133,984	133,576	133,167	132,758	132,350	131,787	131,380	130,973	130,564	130,157	129,750	1,584,838
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		134,392	133,984	133,576	133,167	132,758	132,350	131,787	131,380	130,973	130,564	130,157	129,750	1,584,838
13.	Retail 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)		$134,392	$133,984	$133,576	$133,167	$132,758	$132,350	$131,787	$131,380	$130,973	$130,564	$130,157	$129,750	$1,584,838

Notes:
(A) Applicable depreciable base for Big Bend; accounts 312.45 ($21,855,886), 311.45 ($40,016), 316.40 ($71,401), 315.45 ($594,901), and 312.40 ($90,088).
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is 3.1%, 2.1%, 3.3%, 2.4%, and 4.6%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

<u>Tampa Electric Company</u>
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend PM Minimization and Monitoring
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	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 (A)	$351,594	$351,594	$351,594	$351,594	$351,594	$351,594	$351,594	$351,594	$351,594	$351,594	$351,594	$351,594	$351,594	
3.	Less: Accumulated Depreciation	(173,503)	(174,353)	(175,203)	(176,053)	(176,903)	(177,753)	(178,603)	(179,453)	(180,303)	(181,153)	(182,003)	(182,853)	(183,703)	
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)	$178,091	$177,241	$176,391	$175,541	$174,691	$173,841	$172,991	$172,141	$171,291	$170,441	$169,591	$168,741	$167,891	
6.	Average Net Investment		177,666	176,816	175,966	175,116	174,266	173,416	172,566	171,716	170,866	170,016	169,166	168,316	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$967	$962	$958	$953	$948	$944	$937	$932	$927	$923	$918	$914	$11,283
	b. Debt Component Grossed Up For Taxes (C)		278	277	275	274	273	271	270	269	267	266	265	263	3,248
8.	Investment Expenses														
	a. Depreciation (D)		850	850	850	850	850	850	850	850	850	850	850	850	10,200
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		2,095	2,089	2,083	2,077	2,071	2,065	2,057	2,051	2,044	2,039	2,033	2,027	24,731
	a. Recoverable Costs Allocated to Energy		2,095	2,089	2,083	2,077	2,071	2,065	2,057	2,051	2,044	2,039	2,033	2,027	24,731
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		2,095	2,089	2,083	2,077	2,071	2,065	2,057	2,051	2,044	2,039	2,033	2,027	24,731
13.	Retail 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)		$2,095	$2,089	$2,083	$2,077	$2,071	$2,065	$2,057	$2,051	$2,044	$2,039	$2,033	$2,027	$24,731

<u>Notes:</u>
(A) Applicable depreciable base for Big Bend; accounts 315.44
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate through June 2023 was 2.9%; depreciation was accelerated July-December.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Polk NO_x Emissions Reduction
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	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 (A)	$1,561,473	$1,561,473	$1,561,473	$1,561,473	$1,561,473	$1,561,473	$1,561,473	$1,561,473	$1,561,473	$1,561,473	$1,561,473	$1,561,473	$1,561,473	
3.	Less: Accumulated Depreciation	(1,012,782)	(1,018,117)	(1,023,452)	(1,028,787)	(1,034,122)	(1,039,457)	(1,044,792)	(1,050,127)	(1,055,462)	(1,060,797)	(1,066,132)	(1,071,467)	(1,076,802)	
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)	$548,691	$543,356	$538,021	$532,686	$527,351	$522,016	$516,681	$511,346	$506,011	$500,676	$495,341	$490,006	$484,671	
6.	Average Net Investment		546,024	540,689	535,354	530,019	524,684	519,349	514,014	508,679	503,344	498,009	492,674	487,339	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$2,972	$2,943	$2,914	$2,885	$2,856	$2,826	$2,790	$2,761	$2,732	$2,703	$2,674	$2,645	$33,701
	b. Debt Component Grossed Up For Taxes (C)		855	846	838	830	821	813	805	796	788	780	771	763	9,706
8.	Investment Expenses														
	a. Depreciation (D)		5,335	5,335	5,335	5,335	5,335	5,335	5,335	5,335	5,335	5,335	5,335	5,335	64,020
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		9,162	9,124	9,087	9,050	9,012	8,974	8,930	8,892	8,855	8,818	8,780	8,743	107,427
	a. Recoverable Costs Allocated to Energy		9,162	9,124	9,087	9,050	9,012	8,974	8,930	8,892	8,855	8,818	8,780	8,743	107,427
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		9,162	9,124	9,087	9,050	9,012	8,974	8,930	8,892	8,855	8,818	8,780	8,743	107,427
13.	Retail 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)		$9,162	$9,124	$9,087	$9,050	$9,012	$8,974	$8,930	$8,892	$8,855	$8,818	$8,780	$8,743	$107,427

Notes:
(A) Applicable depreciable base for Polk; account 342.81
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is 4.1%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

30

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 4 SOFA
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		$2,375	$983	$206,926	($84,218)	$157,876	$1,452	$609	$388	$355	$152	$0	$0	$286,898
	b. Clearings to Plant		$0	$0	$0	$0	$0	0	300,082	388	355	152	0	0	300,977
	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)	$2,558,730	$2,558,730	$2,558,730	$2,558,730	$2,558,730	$2,558,730	$2,558,730	$2,858,812	$2,859,200	$2,859,555	$2,859,707	$2,859,707	$2,859,707	
3.	Less: Accumulated Depreciation	(1,300,934)	(1,307,971)	(1,315,008)	(1,322,045)	(1,329,082)	(1,336,119)	(1,343,156)	(1,350,193)	(1,358,055)	(1,365,918)	(1,373,782)	(1,381,646)	(1,389,510)	
4.	CWIP - Non-Interest Bearing	14,079	16,454	17,437	224,363	140,145	298,021	299,473	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	$1,271,875	1,267,213	1,261,159	1,461,048	1,369,793	1,520,632	1,515,047	1,508,619	1,501,145	1,493,637	1,485,925	1,478,061	1,470,197	
6.	Average Net Investment		1,269,544	1,264,186	1,361,104	1,415,421	1,445,212	1,517,840	1,511,833	1,504,882	1,497,391	1,489,781	1,481,993	1,474,129	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		6,909	6,880	7,408	7,703	7,865	8,261	8,206	8,168	8,127	8,086	8,044	8,001	93,658
	b. Debt Component Grossed Up For Taxes (C)		1,987	1,979	2,131	2,216	2,262	2,376	2,367	2,356	2,344	2,332	2,320	2,308	26,978
8.	Investment Expenses														
	a. Depreciation (D)		$7,037	$7,037	$7,037	$7,037	$7,037	$7,037	$7,037	$7,862	$7,863	$7,864	$7,864	$7,864	88,576
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		15,933	15,896	16,576	16,956	17,164	17,674	17,610	18,386	18,334	18,282	18,228	18,173	209,212
	a. Recoverable Costs Allocated to Energy		15,933	15,896	16,576	16,956	17,164	17,674	17,610	18,386	18,334	18,282	18,228	18,173	209,212
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		15,933	15,896	16,576	16,956	17,164	17,674	17,610	18,386	18,334	18,282	18,228	18,173	209,212
13.	Retail 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)		$15,933	$15,896	$16,576	$16,956	$17,164	$17,674	$17,610	$18,386	$18,334	$18,282	$18,228	$18,173	$209,212

Notes:
(A) Applicable depreciable base for Big Bend; account 312.44
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is 3.3%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 4 SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		$3,650	$2,077	$1,248,342	$1,042,229	$601,992	97,537.95	-	-	-	-	-	-	$2,995,829
	b. Clearings to Plant		0	0	0	0	0	0	3,884,536	0	0	0	0	0	3,884,536
	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)	$67,300,237	$67,300,237	$67,300,237	$67,300,237	$67,300,237	$67,300,237	$67,300,237	$71,184,773	$71,184,773	$71,184,773	$71,184,773	$71,184,773	$71,184,773	
3.	Less: Accumulated Depreciation	(33,887,316)	(34,070,150)	(34,252,984)	(34,435,818)	(34,618,652)	(34,801,486)	(34,984,320)	(35,167,154)	(35,360,724)	(35,554,294)	(35,747,864)	(35,941,434)	(36,135,004)	
4.	CWIP - Non-Interest Bearing	888,707	892,357	894,434	2,142,777	3,185,006	3,786,998	3,884,536	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	$34,301,628	$34,122,444	$33,941,687	$35,007,196	$35,866,591	$36,285,749	$36,200,453	$36,017,619	$35,824,049	$35,630,479	$35,436,909	$35,243,339	$35,049,769	
6.	Average Net Investment		34,212,036	34,032,066	34,474,442	35,436,894	36,076,170	36,243,101	36,109,036	35,920,834	35,727,264	35,533,694	35,340,124	35,146,554	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$186,193	$185,214	$187,621	$192,859	$196,339	$197,247	$195,985	$194,963	$193,913	$192,862	$191,811	$190,761	$2,305,768
	b. Debt Component Grossed Up For Taxes (C)		53,556	53,274	53,967	55,474	56,474	56,736	56,526	56,231	55,928	55,625	55,322	55,019	664,132
8.	Investment Expenses														
	a. Depreciation (D)		182,834	182,834	182,834	182,834	182,834	182,834	182,834	193,570	193,570	193,570	193,570	193,570	2,247,688
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		422,583	421,322	424,422	431,167	435,647	436,817	435,345	444,764	443,411	442,057	440,703	439,350	5,217,588
	a. Recoverable Costs Allocated to Energy		422,583	421,322	424,422	431,167	435,647	436,817	435,345	444,764	443,411	442,057	440,703	439,350	5,217,588
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	-
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		422,583	421,322	424,422	431,167	435,647	436,817	435,345	444,764	443,411	442,057	440,703	439,350	5,217,588
13.	Retail 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)		$422,583	$421,322	$424,422	$431,167	$435,647	$436,817	$435,345	$444,764	$443,411	$442,057	$440,703	$439,350	$5,217,588

Notes:
(A) Applicable depreciable base for Big Bend; accounts 311.54 ($16,857,250), 312.54 ($38,772,776), 315.54 ($10,642,027), 316.54 ($687,934), 315.40 ($558,103), and 312.44 ($3,666,683).
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is 2.8%, 3.6%, 2.8%, 2.4%, 3.5%, and 3.3%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

32

DOCKET NO. 20230007-EI
ECRC 2023 ACTUAL/ESTIMATED TRUE-UP
EXHIBIT NO. MAS-2, DOCUMENT NO. 8,
PAGE 9 OF 19

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend FGD System Reliability
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	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 (A)	$24,467,806	$24,467,806	$24,467,806	$24,467,806	$24,467,806	$24,467,806	$24,467,806	$24,467,806	$24,467,806	$24,467,806	$24,467,806	$24,467,806	$24,467,806	
3.	Less: Accumulated Depreciation	(7,834,273)	(7,897,725)	(7,961,177)	(8,024,629)	(8,088,081)	(8,151,533)	(8,214,985)	(8,278,437)	(8,341,889)	(8,405,341)	(8,468,793)	(8,532,245)	(8,595,697)	
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)	$16,633,533	$16,570,081	$16,506,629	$16,443,177	$16,379,725	$16,316,273	$16,252,821	$16,189,369	$16,125,917	$16,062,465	$15,999,013	$15,935,561	$15,872,109	
6.	Average Net Investment		16,601,807	16,538,355	16,474,903	16,411,451	16,347,999	16,284,547	16,221,095	16,157,643	16,094,191	16,030,739	15,967,287	15,903,835	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$90,353	$90,007	$89,662	$89,317	$88,971	$88,626	$88,041	$87,697	$87,353	$87,008	$86,664	$86,319	$1,060,018
	b. Debt Component Grossed Up For Taxes (C)		25,989	25,889	25,790	25,691	25,591	25,492	25,393	25,293	25,194	25,095	24,995	24,896	305,308
8.	Investment Expenses														
	a. Depreciation (D)		63,452	63,452	63,452	63,452	63,452	63,452	63,452	63,452	63,452	63,452	63,452	63,452	761,424
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		179,794	179,348	178,904	178,460	178,014	177,570	176,886	176,442	175,999	175,555	175,111	174,667	2,126,750
	a. Recoverable Costs Allocated to Energy		179,794	179,348	178,904	178,460	178,014	177,570	176,886	176,442	175,999	175,555	175,111	174,667	2,126,750
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		179,794	179,348	178,904	178,460	178,014	177,570	176,886	176,442	175,999	175,555	175,111	174,667	2,126,750
13.	Retail 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)		$179,794	$179,348	$178,904	$178,460	$178,014	$177,570	$176,886	$176,442	$175,999	$175,555	$175,111	$174,667	$2,126,750

Notes:

(A) Applicable depreciable base for Big Bend; accounts 312.45 ($23,011,597) and 312.44 ($1,456,209).
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is 3.1% and 3.3%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Mercury Air Toxics Standards (MATS)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	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 - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	$7,064,224	$7,064,224	$7,064,224	$7,064,224	$7,064,224	$7,064,224	$7,064,224	$7,064,224	$7,064,224	$7,064,224	$7,064,224	$7,064,224	$7,064,224	
3.	Less: Accumulated Depreciation	(2,035,769)	(2,055,382)	(2,074,995)	(2,094,608)	(2,114,221)	(2,133,834)	(2,153,447)	(2,173,060)	(2,192,673)	(2,212,286)	(2,231,899)	(2,251,512)	(2,271,125)	
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)	$5,028,455	$5,008,842	$4,989,229	$4,969,616	$4,950,003	$4,930,390	$4,910,777	$4,891,164	$4,871,551	$4,851,938	$4,832,325	$4,812,712	$4,793,099	
6.	Average Net Investment		5,018,648	4,999,035	4,979,422	4,959,809	4,940,196	4,920,583	4,900,970	4,881,357	4,861,744	4,842,131	4,822,518	4,802,905	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$27,313	$27,206	$27,100	$26,993	$26,886	$26,779	$26,600	$26,494	$26,388	$26,281	$26,175	$26,068	$320,283
	b. Debt Component Grossed Up For Taxes (C)		7,856	7,826	7,795	7,764	7,733	7,703	7,672	7,641	7,611	7,580	7,549	7,519	92,249
8.	Investment Expenses														
	a. Depreciation (D)		19,613	19,613	19,613	19,613	19,613	19,613	19,613	19,613	19,613	19,613	19,613	19,613	235,356
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		54,782	54,645	54,508	54,370	54,232	54,095	53,885	53,748	53,612	53,474	53,337	53,200	647,888
	a. Recoverable Costs Allocated to Energy		54,782	54,645	54,508	54,370	54,232	54,095	53,885	53,748	53,612	53,474	53,337	53,200	647,888
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		54,782	54,645	54,508	54,370	54,232	54,095	53,885	53,748	53,612	53,474	53,337	53,200	647,888
13.	Retail 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)		$54,782	$54,645	$54,508	$54,370	$54,232	$54,095	$53,885	$53,748	$53,612	$53,474	$53,337	$53,200	$647,888

Notes:

(A) Applicable depreciable base for Big Bend and Polk; accounts 312.44 ($3,427,481), 341.80 ($26,150), 315.40 ($1,226,949), 312.45 ($2,053,017), 315.44 ($16,035), 315.45 ($53,832), 311.40 ($13,216), 345.81 ($2,232), 312.54 ($210,295), and 395.00 ($35,018).

(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)

(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)

(D) Applicable depreciation rate is 3.3%, 3.1%, 3.5%, 3.1%, 2.9%, 2.4%, 3.2%, 3.3%, 3.6%, and 14.3%

(E) Line 9a x Line 10

(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

For Project: SO_2 Emissions Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
	a. Purchases/Transfers		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Auction Proceeds/Other		0	0	0	0	53	0	0	0	0	0	0	0	53
2.	Working Capital Balance														
	a. FERC 158.1 Allowance Inventory	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	b. FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. FERC 254.01 Regulatory Liabilities - Gains	(34,163)	(34,159)	(34,159)	(34,159)	(34,153)	(34,153)	(34,153)	(34,146)	(34,146)	(34,146)	(34,138)	(34,138)	(34,138)	
3.	Total Working Capital Balance	($34,163)	($34,159)	($34,159)	($34,159)	($34,153)	($34,153)	($34,153)	($34,146)	($34,146)	($34,146)	($34,138)	($34,138)	($34,138)	
4.	Average Net Working Capital Balance		(34,161)	(34,159)	(34,159)	(34,156)	(34,153)	(34,153)	(34,149)	(34,146)	(34,146)	(34,142)	(34,138)	(34,138)	
5.	Return on Average Net Working Capital Balance														
	a. Equity Component Grossed Up For Taxes (A)		($186)	($186)	($186)	($186)	($186)	($186)	($185)	($185)	($185)	($185)	($185)	($185)	($2,226)
	b. Debt Component Grossed Up For Taxes (B)		(53)	(53)	(53)	(53)	(53)	(53)	(53)	(53)	(53)	(53)	(53)	(53)	(636)
6.	Total Return Component		(239)	(239)	(239)	(239)	(239)	(239)	(238)	(238)	(238)	(238)	(238)	(238)	(2,862)
7.	Expenses:														
	a. Gains		0	0	0	0	(53)	0	0	0	0	0	0	0	(53)
	b. Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. SO_2 Allowance Expense		(2)	1	1	(5)	0	1	(6)	2	2	(6)	2	2	(9)
8.	Net Expenses (D)		(2)	1	1	(5)	(53)	1	(6)	2	2	(6)	2	2	(62)
9.	Total System Recoverable Expenses (Lines 6 + 8)		(241)	(238)	(238)	(244)	(292)	(238)	(244)	(236)	(236)	(244)	(236)	(236)	(2,924)
	a. Recoverable Costs Allocated to Energy		(241)	(238)	(238)	(244)	(292)	(238)	(244)	(236)	(236)	(244)	(236)	(236)	(2,924)
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		(241)	(238)	(238)	(244)	(292)	(238)	(244)	(236)	(236)	(244)	(236)	(236)	(2,923)
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Juris. Recoverable Costs (Lines 12 + 13)		($241)	($238)	($238)	($244)	($292)	($238)	($244)	($236)	($236)	($244)	($236)	($236)	($2,923)

Notes:
(A) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(B) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(C) Line 6 is reported on Schedule 7A.
(D) Line 8 is reported on Schedule 5A.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Gypsum Storage Facility
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	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 - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	$21,467,359	$21,467,359	$21,467,359	$21,467,359	$21,467,359	$21,467,359	$21,467,359	$21,467,359	$21,467,359	$21,467,359	$21,467,359	$21,467,359	$21,467,359	
3.	Less: Accumulated Depreciation	(5,086,923)	(5,144,169)	(5,201,415)	(5,258,661)	(5,315,907)	(5,373,153)	(5,430,399)	(5,487,645)	(5,544,891)	(5,602,137)	(5,659,383)	(5,716,629)	(5,773,875)	
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)	$16,380,436	$16,323,190	$16,265,944	$16,208,698	$16,151,452	$16,094,206	$16,036,960	$15,979,714	$15,922,468	$15,865,222	$15,807,976	$15,750,730	$15,693,484	
6.	Average Net Investment		16,351,813	16,294,567	16,237,321	16,180,075	16,122,829	16,065,583	16,008,337	15,951,091	15,893,845	15,836,599	15,779,353	15,722,107	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$88,992	$88,680	$88,369	$88,057	$87,746	$87,434	$86,887	$86,576	$86,265	$85,954	$85,644	$85,333	$1,045,937
	b. Debt Component Grossed Up For Taxes (C)		25,597	25,508	25,418	25,329	25,239	25,149	25,060	24,970	24,880	24,791	24,701	24,612	301,254
8.	Investment Expenses														
	a. Depreciation (D)		57,246	57,246	57,246	57,246	57,246	57,246	57,246	57,246	57,246	57,246	57,246	57,246	686,952
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		171,835	171,434	171,033	170,632	170,231	169,829	169,193	168,792	168,391	167,991	167,591	167,191	2,034,143
	a. Recoverable Costs Allocated to Energy		171,835	171,434	171,033	170,632	170,231	169,829	169,193	168,792	168,391	167,991	167,591	167,191	2,034,143
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		171,835	171,434	171,033	170,632	170,231	169,829	169,193	168,792	168,391	167,991	167,591	167,191	2,034,143
13.	Retail 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)		$171,835	$171,434	$171,033	$170,632	$170,231	$169,829	$169,193	$168,792	$168,391	$167,991	$167,591	$167,191	$2,034,143

Notes:
(A) Applicable depreciable base for Big Bend; accounts 311.40
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is 3.2%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

36

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Coal Combustion Residual Rule (CCR Rule)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$9,492	$10,396	$9,492	$9,944	$9,944	$9,492	$58,760
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	79,230	79,230
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	$3,958,137	$3,958,137	$3,958,137	$3,958,137	$3,958,137	$3,958,137	$3,958,137	$3,958,137	$3,958,137	$3,958,137	$3,958,137	$3,958,137	$4,037,367	
3.	Less: Accumulated Depreciation	(259,500)	(271,072)	(282,644)	(294,216)	(305,788)	(317,360)	(328,932)	(340,504)	(352,076)	(363,648)	(375,220)	(386,792)	(398,364)	
4.	CWIP - Non-Interest Bearing	20,470	20,470	20,470	20,470	20,470	20,470	20,470	29,962	40,358	49,850	59,794	69,738	0	
5.	Net Investment (Lines 2 + 3 + 4)	$3,719,107	$3,707,535	$3,695,963	$3,684,391	$3,672,819	$3,661,247	$3,649,675	$3,647,595	$3,646,419	$3,644,339	$3,642,711	$3,641,083	$3,639,003	
6.	Average Net Investment		3,713,321	3,701,749	3,690,177	3,678,605	3,667,033	3,655,461	3,648,635	3,647,007	3,645,379	3,643,525	3,641,897	3,640,043	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$20,209	$20,146	$20,083	$20,020	$19,957	$19,894	$19,803	$19,794	$19,786	$19,776	$19,767	$19,757	$238,992
	b. Debt Component Grossed Up For Taxes (C)		5,813	5,795	5,777	5,759	5,740	5,722	5,712	5,709	5,707	5,704	5,701	5,698	68,837
8.	Investment Expenses														
	a. Depreciation (D)		11,572	11,572	11,572	11,572	11,572	11,572	11,572	11,572	11,572	11,572	11,572	11,572	138,864
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		37,594	37,513	37,432	37,351	37,269	37,188	37,087	37,075	37,065	37,052	37,040	37,027	446,693
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		37,594	37,513	37,432	37,351	37,269	37,188	37,087	37,075	37,065	37,052	37,040	37,027	446,693
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		37,594	37,513	37,432	37,351	37,269	37,188	37,087	37,075	37,065	37,052	37,040	37,027	446,693
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$37,594	$37,513	$37,432	$37,351	$37,269	$37,188	$37,087	$37,075	$37,065	$37,052	$37,040	$37,027	$446,693

Notes:
(A) Applicable depreciable base for Big Bend; accounts 311.40 ($2,464,676), 312.44 ($668,735), 312.40 ($824,727), and 312.45 ($79,230)
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is 3.2%, 3.3%, 4.6%, and 3.1%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Coal Combustion Residuals (CCR Rule - Phase II)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	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 - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	$1,308,034	$1,308,034	$1,308,034	$1,308,034	$1,308,034	$1,308,034	$1,308,034	$1,308,034	$1,308,034	$1,308,034	$1,308,034	$1,308,034	$1,308,034	
3.	Less: Accumulated Depreciation	(10,355)	(12,426)	(14,497)	(16,568)	(18,639)	(20,710)	(22,781)	(24,852)	(26,923)	(28,994)	(31,065)	(33,136)	(35,207)	
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)	$1,297,679	$1,295,608	$1,293,537	$1,291,466	$1,289,395	$1,287,324	$1,285,253	$1,283,182	$1,281,111	$1,279,040	$1,276,969	$1,274,898	$1,272,827	
6.	Average Net Investment		1,296,644	1,294,573	1,292,502	1,290,431	1,288,360	1,286,289	1,284,218	1,282,147	1,280,076	1,278,005	1,275,934	1,273,863	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$7,057	$7,045	$7,034	$7,023	$7,012	$7,000	$6,970	$6,959	$6,948	$6,936	$6,925	$6,914	$83,823
	b. Debt Component Grossed Up For Taxes (C)		2,030	2,027	2,023	2,020	2,017	2,014	2,010	2,007	2,004	2,001	1,997	1,994	24,144
8.	Investment Expenses														
	a. Depreciation (D)		2,071	2,071	2,071	2,071	2,071	2,071	2,071	2,071	2,071	2,071	2,071	2,071	24,852
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		11,158	11,143	11,128	11,114	11,100	11,085	11,051	11,037	11,023	11,008	10,993	10,979	132,819
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		11,158	11,143	11,128	11,114	11,100	11,085	11,051	11,037	11,023	11,008	10,993	10,979	132,819
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		11,158	11,143	11,128	11,114	11,100	11,085	11,051	11,037	11,023	11,008	10,993	10,979	132,819
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$11,158	$11,143	$11,128	$11,114	$11,100	$11,085	$11,051	$11,037	$11,023	$11,008	$10,993	$10,979	$132,819

Notes:
(A) Applicable depreciable base for Big Bend; accounts 311.44
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is 1.9%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

38

DOCKET NO. 20230007-EI
ECRC 2023 ACTUAL/ESTIMATED TRUE-UP
EXHIBIT NO. MAS-2, DOCUMENT NO. 8,
PAGE 15 OF 19

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend ELG Compliance
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		$917,815	($168,328)	$596,999	$686,568	$1,431,002	1,177,555.66	875,260.00	1,472,018.90	1,443,200.00	1,562,550.00	1,375,000.00	1,119,850.00	$12,489,491
	b. Clearings to Plant		0	0	0	105,584	0	0	0	0	0	0	0	26,535,262	26,640,846
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	$0	$0	$0	$0	$105,584	$105,584	$105,584	$105,584	$105,584	$105,584	$105,584	$105,584	$26,640,846	
3.	Less: Accumulated Depreciation	0	0	0	0	0	(405)	(810)	(1,215)	(1,620)	(2,025)	(2,430)	(2,835)	(3,240)	
4.	CWIP - Non-Interest Bearing	14,151,356	15,069,170	14,900,842	15,497,841	16,078,825	17,509,828	18,687,384	19,562,644	21,034,662	22,477,862	24,040,412	25,415,412	0	
5.	Net Investment (Lines 2 + 3 + 4)	$14,151,356	$15,069,170	$14,900,842	$15,497,841	$16,184,409	$17,615,007	$18,792,157	$19,667,012	$21,138,626	$22,581,421	$24,143,566	$25,518,161	$26,637,606	
6.	Average Net Investment		14,610,263	14,985,006	15,199,342	15,841,125	16,899,708	18,203,582	19,229,585	20,402,819	21,860,024	23,362,494	24,830,864	26,077,884	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$79,514	$81,553	$82,720	$86,213	$91,974	$99,070	$104,370	$110,738	$118,647	$126,802	$134,772	$141,540	$1,257,913
	b. Debt Component Grossed Up For Taxes (C)		22,871	23,458	23,793	24,798	26,455	28,496	30,102	31,939	34,220	36,572	38,871	40,823	362,398
8.	Investment Expenses														
	a. Depreciation (D)		-	-	-	-	405	405	405	405	405	405	405	405	3,240
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		102,385	105,011	106,513	111,011	118,834	127,971	134,877	143,082	153,272	163,779	174,048	182,768	1,623,551
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		102,385	105,011	106,513	111,011	118,834	127,971	134,877	143,082	153,272	163,779	174,048	182,768	1,623,551
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		102,385	105,011	106,513	111,011	118,834	127,971	134,877	143,082	153,272	163,779	174,048	182,768	1,623,551
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$102,385	$105,011	$106,513	$111,011	$118,834	$127,971	$134,877	$143,082	$153,272	$163,779	$174,048	$182,768	$1,623,551

Notes:
(A) Applicable depreciable base for Big Bend; accounts 312.40
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is 4.6%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 1 Section 316(b) Impingement Mortality
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		$20,510	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$20,510
	b. Clearings to Plant		0	0	11,883,611	0	0	0	0	0	0	0	0	0	11,883,611
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	$0	$0	$0	$11,883,611	$11,883,611	$11,883,611	$11,883,611	$11,883,611	$11,883,611	$11,883,611	$11,883,611	$11,883,611	$11,883,611	
3.	Less: Accumulated Depreciation	0	0	0	0	(45,554)	(91,108)	(136,662)	(182,216)	(227,770)	(273,324)	(318,878)	(364,432)	(409,986)	
4.	CWIP - Non-Interest Bearing	11,863,101	11,883,611	11,883,611	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	$11,863,101	$11,883,611	$11,883,611	$11,883,611	$11,838,057	$11,792,503	$11,746,949	$11,701,395	$11,655,841	$11,610,287	$11,564,733	$11,519,179	$11,473,625	
6.	Average Net Investment		11,873,356	11,883,611	11,883,611	11,860,834	11,815,280	11,769,726	11,724,172	11,678,618	11,633,064	11,587,510	11,541,956	11,496,402	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$64,619	$64,675	$64,675	$64,551	$64,303	$64,055	$63,634	$63,387	$63,139	$62,892	$62,645	$62,398	$764,973
	b. Debt Component Grossed Up For Taxes (C)		18,587	18,603	18,603	18,567	18,496	18,425	18,353	18,282	18,211	18,139	18,068	17,997	220,331
8.	Investment Expenses														
	a. Depreciation (D)		-	-	-	45,554	45,554	45,554	45,554	45,554	45,554	45,554	45,554	45,554	409,986
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		83,206	83,278	83,278	128,672	128,353	128,034	127,541	127,223	126,904	126,585	126,267	125,949	1,395,290
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		83,206	83,278	83,278	128,672	128,353	128,034	127,541	127,223	126,904	126,585	126,267	125,949	1,395,290
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		83,206	83,278	83,278	128,672	128,353	128,034	127,541	127,223	126,904	126,585	126,267	125,949	1,395,290
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$83,206	$83,278	$83,278	$128,672	$128,353	$128,034	$127,541	$127,223	$126,904	$126,585	$126,267	$125,949	$1,395,290

Notes:
(A) Applicable depreciable base for Big Bend; accounts 312.40
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is 4.6%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

40

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Bayside 316(b) Compliance
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		($388,042)	$340,138	$291,395	$586,008	$271,144	$483,011	$539,528	$480,769	$253,518	$429,741	$367,901	$604,209	$4,259,319
	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 - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
3.	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	CWIP - Non-Interest Bearing	9,850,523	9,462,481	9,802,619	10,094,014	10,680,022	10,951,166	11,434,177	11,973,705	12,454,474	12,707,992	13,137,732	13,505,633	14,109,842	
5.	Net Investment (Lines 2 + 3 + 4)	$9,850,523	$9,462,481	$9,802,619	$10,094,014	$10,680,022	$10,951,166	$11,434,177	$11,973,705	$12,454,474	$12,707,992	$13,137,732	$13,505,633	$14,109,842	
6.	Average Net Investment		9,656,502	9,632,550	9,948,317	10,387,018	10,815,594	11,192,672	11,703,941	12,214,089	12,581,233	12,922,862	13,321,683	13,807,737	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$52,554	$52,424	$54,142	$56,530	$58,862	$60,914	$63,524	$66,293	$68,286	$70,140	$72,305	$74,943	$750,917
	b. Debt Component Grossed Up For Taxes (C)		15,116	15,079	15,573	16,260	16,931	17,521	18,322	19,120	19,695	20,230	20,854	21,615	216,316
8.	Investment Expenses														
	a. Depreciation (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		67,670	67,503	69,715	72,790	75,793	78,435	81,846	85,413	87,981	90,370	93,159	96,558	967,233
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		67,670	67,503	69,715	72,790	75,793	78,435	81,846	85,413	87,981	90,370	93,159	96,558	967,233
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		67,670	67,503	69,715	72,790	75,793	78,435	81,846	85,413	87,981	90,370	93,159	96,558	967,233
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$67,670	$67,503	$69,715	$72,790	$75,793	$78,435	$81,846	$85,413	$87,981	$90,370	$93,159	$96,558	$967,233

Notes:
(A) Applicable depreciable base for Big Bend; accounts TBD depending on type of plant added
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is TBD depending on type of plant added
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2023 to December 2023

Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend NESHAP Subpart YYYY Compliance
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		$0	$0	$189,024	$0	$0	$0	$0	$0	$0	$0	$0	$0	$189,024
	b. Clearings to Plant		0	0	189,024	0	0	0	0	0	0	0	0	0	189,024
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	$314,190	$314,190	$314,190	$503,214	$503,214	$503,214	$503,214	$503,214	$503,214	$503,214	$503,214	$503,214	$503,214	
3.	Less: Accumulated Depreciation	(2,097)	(2,909)	(3,721)	(4,533)	(5,833)	(7,133)	(8,433)	(9,733)	(11,033)	(12,333)	(13,633)	(14,933)	(16,233)	
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)	$312,093	$311,281	$310,469	$498,681	$497,381	$496,081	$494,781	$493,481	$492,181	$490,881	$489,581	$488,281	$486,981	
6.	Average Net Investment		311,687	310,875	404,575	498,031	496,731	495,431	494,131	492,831	491,531	490,231	488,931	487,631	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		$1,696	$1,692	$2,202	$2,710	$2,703	$2,696	$2,682	$2,675	$2,668	$2,661	$2,654	$2,647	$29,686
	b. Debt Component Grossed Up For Taxes (C)		488	487	633	780	778	776	774	771	769	767	765	763	8,551
8.	Investment Expenses														
	a. Depreciation (D)		812	812	812	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	14,136
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		2,996	2,991	3,647	4,790	4,781	4,772	4,756	4,746	4,737	4,728	4,719	4,710	52,373
	a. Recoverable Costs Allocated to Energy		2,996	2,991	3,647	4,790	4,781	4,772	4,756	4,746	4,737	4,728	4,719	4,710	52,373
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy 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.	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	
12.	Retail Energy-Related Recoverable Costs (E)		2,996	2,991	3,647	4,790	4,781	4,772	4,756	4,746	4,737	4,728	4,719	4,710	52,373
13.	Retail 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)		$2,996	$2,991	$3,647	$4,790	$4,781	$4,772	$4,756	$4,746	$4,737	$4,728	$4,719	$4,710	$52,373

Notes:
(A) Applicable depreciable base for Big Bend; accounts 343.44
(B) Line 6 x 6.5308% x 1/12 (Jan-Jun) and Line 6 x 6.5131% x 1/12 (Jul-Dec). Based on ROE of 10.20%, with weighted income tax rate of 25.3450% (expansion factor of 1.34315 for Jan-Jun and 1.33950 for Jul-Dec)
(C) Line 6 x 1.8785% x 1/12 (Jan-Dec)
(D) Applicable depreciation rate is 3.1%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual/Estimated Amount
January 2023 to June 2023

Form 42 - 9E
Page 1 of 2

Calculation of Revenue Requirement Rate of Return
(in Dollars)

	(1) Jurisdictional Rate Base **2023 Final FESR with Normalization** ($000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	$ 2,886,616	32.98%	4.50%	1.4841%
Short Term Debt	468,124	5.35%	5.28%	0.2824%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	102,302	1.17%	2.41%	0.0282%
Common Equity	4,087,965	46.70%	10.20%	4.7639%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	998,701	11.41%	0.00%	0.0000%
Deferred ITC - Weighted Cost	209,051	2.39%	7.63%	0.1822%
Total	$ 8,752,760	100.00%		6.74%

ITC split between Debt and Equity:

Long Term Debt	$ 2,886,616	Long Term Debt	46.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	4,087,965	Equity - Common	54.00%
Total	$ 6,974,581	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = 0.1822% * 46.00%	0.0838%
Equity = 0.1822% * 54.00%	0.0984%
Weighted Cost	0.1822%

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.7639%
Deferred ITC - Weighted Cost	0.0984%
	4.8623%
Times Tax Multiplier	1.34315
Total Equity Component	6.5308%

Total Debt Cost Rate:

Long Term Debt	1.4841%
Short Term Debt	0.2824%
Customer Deposits	0.0282%
Deferred ITC - Weighted Cost	0.0838%
Total Debt Component	1.8785%
	8.4093%

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
Environmental Cost Recovery Clause
Calculation of the Current Period Actual/Estimated Amount
July 2023 to December 2023

Form 42 - 9E
Page 2 of 2

Calculation of Revenue Requirement Rate of Return
(in Dollars)

	(1) Jurisdictional Rate Base **2023 Final FESR with Normalization** ($000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	$ 2,886,616	32.98%	4.50%	1.4841%
Short Term Debt	468,124	5.35%	5.28%	0.2824%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	102,302	1.17%	2.41%	0.0282%
Common Equity	4,087,965	46.70%	10.20%	4.7639%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	998,701	11.41%	0.00%	0.0000%
Deferred ITC - Weighted Cost	209,051	2.39%	7.63%	0.1822%
Total	$ 8,752,760	100.00%		6.74%

ITC split between Debt and Equity:

Long Term Debt	$ 2,886,616	Long Term Debt	46.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	4,087,965	Equity - Common	54.00%
Total	$ 6,974,581	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = 0.1822% * 46.00%	0.0838%
Equity = 0.1822% * 54.00%	0.0984%
Weighted Cost	0.1822%

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.7639%
Deferred ITC - Weighted Cost	0.0984%
	4.8623%
Times Tax Multiplier	1.33950
Total Equity Component	6.5131%

Total Debt Cost Rate:

Long Term Debt	1.4841%
Short Term Debt	0.2824%
Customer Deposits	0.0282%
Deferred ITC - Weighted Cost	0.0838%
Total Debt Component	1.8785%
	8.3916%

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)
Per call on June 28, 2023 with PSC Staff, starting from July 2023 going forward we are removing bad debt expense and the regulatory assessment fee from the multiplier calculation for clauses.