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July 2, 2024

#### **ELECTRONIC FILING**

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

In re: Petition for Rate Increase by Tampa Electric Company

In re: Petition for approval of 2023 Depreciation and Dismantlement Study, by Tampa Electric Company

In re: Petition to implement 2024 Generation Base Rate Adjustment provisions in Paragraph 4 of the 2021 Stipulation and Settlement Agreement, by Tampa Electric Company DOCKET NO. 20240026-EI

DOCKET NO. 20230139-EI

DOCKET NO. 20230090-EI

#### Dear Mr. Teitzman:

Attached for filing on behalf of Tampa Electric Company in the above-referenced docket is the Rebuttal Testimony of Jeff Chronister and Exhibit No. JC-3.

Thank you for your assistance in connection with this matter.

(Document 13 of 14)

Sincerely,

J. Jeffry Wahlen

cc: All parties

JJW/ne Attachment



# BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20240026-EI

PETITION FOR RATE INCREASE
BY TAMPA ELECTRIC COMPANY

REBUTTAL TESTIMONY AND EXHIBIT

OF

JEFF CHRONISTER

### TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI

FILED: 07/02/2024

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OF

#### JEFF CHRONISTER

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### TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI

FILED: 07/02/2024

1		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		REBUTTAL TESTIMONY
3		OF
4		JEFF CHRONISTER
5		
6	Q.	Please state your name, address, occupation and employer.
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8	A.	My name is Jeff Chronister. My business address is 702
9		North Franklin Street, Tampa, Florida 33602. I am employed
10		by Tampa Electric Company ("Tampa Electric" or the
11		"company") as Vice President Finance.
12		
13	Q.	Are you the same Jeff Chronister who filed direct
14		testimony in this proceeding?
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16	A.	Yes. I filed direct testimony on April 2, 2024, and
17		adopted the direct testimony of Richard Latta on May 2,
18		2024. The notice of substitution of witness filed by Tampa
19		Electric on May 2, 2024, is included in Document No. 1 of
20		my Rebuttal Exhibit No. JC-3. I will refer to my direct
21		testimony filed on April 2, 2024, as my "original" direct
22		testimony, and my adopted testimony of Richard Latta as
23		"Chronister Volume II."
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25	Q.	Have your title, duties and responsibilities changed

since the company filed your prepared direct testimony on 1 April 2, 2024, or adopted Mr. Latta's testimony on May 2, 2 2024? 3 4 5 Α. No. 6 What are the purposes of your rebuttal testimony? 7 Q. 8 My rebuttal testimony serves five general purposes. 9 Α. 10 First, I will address each of the net operating income 11 ("NOI"), rate base, capital structure and rate of return 12 ("ROR"), Clean Energy Transition Mechanism ("CETM"), and 13 14 subsequent year adjustment ("SYA") adjustments, as well as the tax reform proposal recommendation, discussed in 15 the testimony of Office of Public Counsel ("OPC") witness 16 Lane Kollen. 17 18 Second, I will address the issues raised about affiliate 19 20 transactions and allocations in the testimony of OPC witness Bion Ostrander. 21 22 23 Third, I will address the equity ratio proposal reflected in the testimony of Federal Executive Agencies ("FEA") 24

witness Christopher Walters.

Fourth, I will address three other issues raised by other intervenor and Florida Public Service Commission ("Commission" or "FPSC") staff witnesses.

Finally, in response to intervenor testimony on affordability, I will summarize some of the actions the company takes to promote the long-term cost-effectiveness and affordability of its electric service.

Q. Have you prepared an exhibit supporting your rebuttal testimony?

A. Yes. Rebuttal Exhibit No. JC-3, entitled "Rebuttal Exhibit of Jeff Chronister," was prepared by me or under my direction and supervision. The contents of this rebuttal exhibit were derived from the business records of the company and are true and correct to the best of my information and belief. My rebuttal exhibit consists of the following three documents:

- 21 Document No. 1 Notice of Substitution of Witness
- 22 Document No. 2 Dismantlement Calculations
- 23 Document No. 3 Audit Finding Responses

#### I. OPC WITNESS KOLLEN'S PROPOSED ADJUSTMENTS

Q. How is this area of your testimony organized?

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Mr. Kollen's testimony includes a table Α. Page 5 of summarizing OPC's proposed NOI, Rate Base, and Capital Structure and ROR adjustments for the company's proposed 2025 test year and OPC's proposed CETM adjustments. Page 6 of Mr. Kollen's testimony includes a table summarizing OPC's proposed adjustments to the company's proposed 2026 and 2027 SYA. I will address each of OPC's proposed adjustments as well as OPC's tax reform proposal recommendation in this portion of my rebuttal testimony. Other witnesses support the company's position on some of OPC's proposed adjustments, so I will refer to the rebuttal testimony of other witnesses where appropriate.

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- A. OPC's Proposed 2025 Test Year Adjustments for Net
  Operating Income
- 1. Growth Adjustment to Revenues
- 20 **Q.** Should the Commission approve OPC's proposed adjustment to increase test year revenues for load growth?

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A. No. Mr. Kollen's proposed adjustment is based on recommendations in the testimony of OPC witness David Dismukes. Tampa Electric does not agree with Dr.

Dismukes's proposed methodology and assumptions because they ignore important facts, contain inaccuracies, are inconsistent with accepted industry best practices, and are based on outdated information. These and other reasons the Commission should reject OPC's proposed revenue adjustment are explained further in Tampa Electric witness Lori Cifuentes's rebuttal testimony.

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#### 2. Generation Maintenance Expense

Q. Should the Commission approve OPC's proposal to disallow planned generation maintenance expense for planned outages?

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Α. No. The company opposes this adjustment for the reasons Electric explained in the Tampa witness Carlos Aldazabal's rebuttal testimony. On page 11 his testimony, Mr. Kollen suggests a method to "normalize" the expense in the test year without any "deferrals." His proposal does spread the company's forecasted not generation outage expenses over time. It simply disallows forecasted expenses for 2025 that exceed \$12.8 million, which he states is an average amount of generation outage expenses.

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Q. Does Tampa Electric agree with Mr. Kollen's proposed \$12.8

million average amount?

A. Yes. The company agrees with the \$12.8 million average amount of generation outage expense but disagrees that this amount should be used to calculate an expense disallowance for 2025.

Q. Did Mr. Kollen identify deferral and amortization of a portion of 2025 generation outage expenses over a benchmark as an option?

A. Yes. On page 11, Mr. Kollen notes another alternative solution "to <u>defer</u> the abnormally high expense in excess of the normalized expense <u>and amortize</u> the deferral over an extended period of time in an attempt to allocate the benefits of the abnormally high expense to the periods benefitting from the planned maintenance scope of work and expenses" (emphasis added).

2.3

Q. If the Commission decides to adjust the company's test year outage expense as Mr. Kollen's alternative approach recommended, how should Tampa Electric implement the solution?

A. If an adjustment is made to test year outage expense,

then the incremental costs above the "adjusted" amount included in the company's test year expenses should be deferred and amortized over time.

Q. What is the amount of 2025 planned outage expense that should be deferred under the proposal and what is a reasonable amortization period?

A. Witness Kollen proposed \$12.8 million as a representative amount for normal planned outage expenses. Other options for the average could include a five-year average starting with 2021 actual expenses (which is \$14.1 million) or a three-year average starting with 2023 actual expenses (which is \$16.0 million).

Using Mr. Kollen's \$12.8 million average and the forecasted 2025 test year planned outage expense total of \$25.2 million, the incremental amount to be deferred would be \$12.4 million (i.e., \$25.2 million minus \$12.8 million).

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The company proposes to amortize this \$12.4 million incremental 2025 amount over three years from 2025 to 2027. This period matches the company's 2025 test year and two SYA periods.

In this case, the annual amortization amount would be \$4.13 million (i.e. \$12.4 million divided by 3). This would result in a 2025 test year total generation outage expense of \$16.93 million (i.e. \$12.8 million "benchmark" amount plus \$4.13 million amortization amount).

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Under this proposal, the 2025 system per books expense amount to be used (\$16.93 million) to calculate 2025 NOI would be \$8.27 million lower than the \$25.2 million proposed by the company in this proceeding.

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#### 3. Pension Expense Capitalization

Q. Should the Commission approve OPC's proposed adjustment to "correct" capitalization of pension costs?

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The company opposes this adjustment because, Α. discussed in the company's response to OPC's Ninth Set of Interrogatories No. 167(a), a portion of the company's forecasted pension cost is capitalized through the fringe rate. MFR Schedule C-17 reflects pension costs operations and maintenance ("O&M") because all benefit costs are initially posted to FERC Account 926. The fringe rate subsequently follows the allocation of labor dollars, and FERC Account 926 is credited to reflect the portion of benefits expense (including pension costs)

that are capitalized. OPC's proposed reduction to expense is inappropriate because the amount of pension costs to be capitalized has already been deducted from the company's forecasted benefits expense.

## 4. Other Post-Employment Benefits ("OPEB") Expense Capitalization

Q. Should the Commission approve OPC's proposed adjustment to "correct" capitalization of other post-employment benefit costs?

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A. No. The company opposes this adjustment because, as discussed in the company's response to OPC's Ninth Set of Interrogatories No. 167(b), a portion of the active employee OPEB cost is capitalized through the fringe rate.

MFR Schedule C-17 reflects OPEB costs in O&M as all benefits costs are initially posted to FERC Account 926.

The fringe rate subsequently follows the allocation of labor dollars and FERC Account 926 is credited to reflect the portion of benefits expense (including OPEB costs) that are capitalized. OPC's proposed reduction to expense is inappropriate because the amount of OPEB costs to be capitalized has already been deducted from the company's forecasted benefits expense.

#### 5. Long Term Incentive Plan Expense

Q. Should the Commission approve OPC's proposed adjustment to disallow long-term incentive plan ("LTIP") expense?

testimony.

A. No. The company's total compensation expense for the 2025 test year is reasonable. LTIP is an important element of the company's overall compensation program that allows the company to be competitive in the labor market to attract and retain a high-quality skilled workforce. It also incents Tampa Electric's participating executives to be aware of and support the financial health of the company, which is in the long-term best interests of customers. These and other reasons the Commission should reject this proposed adjustment are explained further in the Tampa Electric witness Marian Cacciatore's rebuttal

#### 6. Supplemental Employee Retirement Plan ("SERP") Expense

Q. Should the Commission approve OPC's proposed adjustment to disallow SERP expense?

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A. No. The company's total compensation expense for the 2025 test year is reasonable. The SERP is one component of an overall compensation and benefits package designed to retain talented, highly motivated and effective executive

leadership. These and other reasons the Commission should reject this proposed adjustment are explained further in the rebuttal testimony of Ms. Cacciatore.

#### 7. Affiliate Transaction Expense

Q. Should the Commission approve OPC's proposed expense adjustments for affiliate transactions and allocations?

A. No. The company opposes the affiliate transaction adjustments totaling \$6.313 million shown on page 5 of Mr. Kollen's testimony for the reasons explained later in Section II of my rebuttal testimony.

#### 8. Directors and Officers ("D&O") Insurance Expense

Q. Should the Commission approve OPC's proposed adjustment to disallow 50 percent of D&O insurance expense?

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A. No. The Commission should reject OPC's proposed adjustment for two reasons. First, D&O insurance has long been recognized by the Commission as an expense for coverage that allows the company to attract and retain talent in director and officer positions. Second, the amount is reasonable. The cost associated with D&O insurance expense is reflected in the Administrative & General ("A&G") functional expense group. A&G expense for

the 2025 test year is \$56.0 million below the Commission's benchmark.

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#### 9. Board of Directors Expenses

Q. Please comment on OPC's proposed \$(376,000) adjustment to remove 50 percent of Board of Directors expenses.

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A. This is a reasonable expense, and the Commission should reject OPC's proposed adjustment.

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#### 10. Feeder Hardening Depreciation Expense

Q. Should the Commission approve OPC's proposed adjustment to disallow depreciation expense associated with feeder hardening?

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No. The proposed feeder hardening depreciation adjustment Α. is related to the recommendation on page 19 of the testimony of OPC witness Kevin Mara "that all feeder the SPP." This hardening shifted to costs be recommendation would be contrary to the accounting methods agreed to by OPC and approved by the Commission in Order No. PSC-2020-0224-AS-EI, filed June 30, 2020.

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The costs that Mr. Mara described as being "assigned to rate base" are costs of removal ("COR"). The Commission-

approved agreement noted above states, in Section III, "For assets being retired and replaced with new assets as part of an SPP program, TECO will not seek to recover the cost of removal net of salvage associated with the related assets to be retired through the SPPCRC. Rather, such cost of removal will be debited to TECO's accumulated depreciation reserve according to normal regulatory plant accounting procedures."

This approach recognizes that the depreciation expense for the removed assets incorporated the recovery of COR through base rates in prior years. Properly charging them to the reserve allows for the continued analysis of net book value, COR, depreciation expense and accumulated reserves in the normal context of periodic depreciation studies. If the company booked COR to the SPP, then it would inappropriately allow the company to recover a return on investment on those costs through the SPP Cost Recovery Clause.

#### 11. Energy Storage Depreciation Expense

Q. Should the Commission approve OPC's proposal to reduce depreciation expense to reflect a 20-year life for energy storage devices?

A. No. The Commission should not approve OPC's proposed 20-year life for energy storage devices for the reasons explained in the rebuttal testimony of Ned Allis. The company's proposed life of 10 years is reasonable, especially as utility scale energy storage assets are relatively new in the industry. However, if the Commission approves a 20-year life for energy storage devices, then the 2025 adjustment, after applying the jurisdictional factor and the revenue gross-up multiplier (which excludes the federal and state income tax) would be \$(5.942) million.

#### 12. Solar Facility Depreciation Expense

Q. Should the Commission approve OPC's proposal to reduce depreciation expense to reflect a 35-year life for solar generating facilities?

A. No. As explained in the rebuttal testimony of Mr. Allis, the Commission should reject OPC's proposal. However, if the Commission approves a 35-year life for solar assets, the 2025 adjustment, after applying the jurisdictional factor and the revenue gross-up multiplier (which excludes the federal and state income tax) should be \$(9.519) million.

#### 13. Dismantlement Expense

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Q. Do you agree with Mr. Kollen's characterization, on page 27, of the company's calculation of dismantlement expense in this proceeding?

A. No. Mr. Kollen's testimony reflects an understanding of some of the elements of the dismantlement study. However,

of how the complete process worked, including the

some of his testimony does not reflect an understanding

calculation of the dismantlement expense accrual.

- Q. Please summarize how the company prepared the depreciation and dismantlement studies and the dismantlement expense accrual for this case.
- A. There were three separate workstreams.

First, at the direction of the company, Mr. Allis, a member of the consulting firm Gannett Fleming, performed the Depreciation Study filed in December 2023 as discussed in his testimony. A company employee prepared the depreciation study in the company's last rate case.

Second, witness Jeff Kopp, a member of the consulting firm 1898 & Co., prepared a Decommissioning Cost Study

reflecting estimates of the current cost of dismantling the company's assets. His Decommissioning Cost Study was filed with the Commission in December 2023 as discussed in his testimony. Mr. Kopp prepared the decommissioning cost estimate in the company's 2021 rate case.

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Third, the company used Mr. Kopp's dismantlement cost estimates to calculate the dismantlement expense accrual in accordance with Rule 25-6.04364, F.A.C. The resulting dismantlement expense is reflected in the minimum filing requirement schedules submitted in this docket by the company on April 2, 2024. It was also used to calculate the company's 2025 proposed NOI. The company prepared the proposed dismantlement accrual in its last rate case and in this case.

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Q. When did the company file the depreciation and dismantlement studies used to calculate its 2025 test year NOI in this case?

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The filed a petition for approval Α. company depreciation and dismantlement studies in December 2023. That filing, which was assigned Docket No. 20230139-EI, included (1) Mr. Allis's depreciation study, Kopp's dismantlement cost estimates, and (3) the

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1		company's disma	antlement expense accrual model. Docket No.		
2		20230139-EI wa	s consolidated with this rate case docket		
3		on April 16, 2024.			
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5		The company's I	December 2023 filing in Docket No. 20230139-		
6		EI included the	e following exhibits:		
7		Exhibit 1	Company Background and Change in		
8			Depreciation and Dismantlement Expense		
9			Accruals Summary		
10		Exhibit 2	Depreciation Study, including survivor		
11			curves, service life consideration, net		
12			salvage consideration, and depreciation		
13			rate calculations		
14		Exhibit 3	Annual dismantlement accrual calculation		
15		Exhibit 4	Depreciation Annual Status Reports (2021-		
16			2024)		
17					
18		A copy of the d	ismantlement expense accrual detailed model		
19		calculations :	included as Exhibit 3 to the company's		
20		December 2023	filing is included in Document No. 2 of my		
21		rebuttal exhib	it.		
22					
23	Q.	Did the compan	y include the details of the dismantlement		
24		expense accrua	l model in its initial filing in this case?		
25					

A. No. The company did not and has not in previous rate case filings; however, it was part of the company's December 2023 filing. Tampa Electric produced the accrual model details to the parties in this case in response to Florida Industrial Power Users Group's ("FIPUG") Second Request for Production of Documents No. 25 and Staff's Third Request for Production of Documents No. 19.

Q. Please summarize how the dismantlement expense accrual

for 2025 was developed in this case.

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A. Mr. Kopp developed engineering estimates of the current costs to dismantle the company's assets. His estimate did not include cost contingencies or cost escalations. The company took Mr. Kopp's current dismantlement cost estimates, added a 15 percent contingency, and escalated the resulting amounts based on the projected retirement date of each unit to yield an estimate of the future costs of dismantling per unit. The company then compared the future expected costs of dismantlement per unit to its existing dismantlement reserve and calculated the annual dismantlement expense accruals needed to achieve the future target reserve amounts over the remaining life of the units. The company then calculated an average of the next four years of expense accruals to create a levelized

annual amount for ratemaking purposes. The sum of these levelized expense accrual amounts were then used as the dismantlement expense included in the calculation of 2025 test year NOI.

Q. What is included in Document No. 2 of your Rebuttal Exhibit?

A. It is Exhibit 3 of our December 2023 filing and includes our 2025 Annual Accrual Summary (page 535), Change in Accrual Summary (page 536), 1898 & Co. cost estimate linkage to accrual model (page 537), Vendor Cost Estimates No Contingency Applied (page 538), 15 percent Contingency Amount Calculation (page 539), Cost Estimates with 15 percent Contingency Applied (page 540), Unit Reserves as of December 31, 2024 (pages 541 to 551), Inflation Forecast (pages 552 to 553), and Unit Accrual Calculations (Pages 555 to 648).

Q. Did the company develop its dismantlement study and 2025 expense accrual in accordance with the Commission's rule?

A. Yes. The dismantlement expense accrual model and calculations follow the requirements in Rule 25-6.04364,

F.A.C. This rule calls for the use of escalation factors

[25-6.04364(3)(f) and (m) and 25-6.04364(4), F.A.C.], requires consideration of all dismantlement related expenditures including environmental remediation costs [25-6.04364(2)(c), F.A.C.], and contemplates the consideration of contingencies [25-6.04364(2)(a), F.A.C].

Q. Is the company's dismantlement study expense accrual reasonable?

A. Yes. The company's proposed amount of dismantlement expense for the 2025 test year is based on the reasonable dismantlement estimates prepared by Mr. Kopp and the accrual calculated in accordance with the applicable F.A.C. rule and is reasonable.

#### 14. Dismantlement Expense for Escalations

Q. Should the Commission include projected cost increases beyond 2025 when calculating dismantlement expenses?

A. Yes. The purpose of a dismantlement study is to estimate the future costs of retiring plant assets, so reasonable estimates of future cost increases should be considered. The company disagrees with OPC's position on this issue for the reasons explained in the rebuttal testimony of Mr. Kopp, and because, as discussed above, the applicable

rule requires consideration of escalation factors and future costs.

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#### 15. Dismantlement Expense for Solar Site Restoration

Q. Should the Commission approve OPC's proposed adjustment to disallow solar site restoration environmental costs from dismantlement expense?

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No. These are reasonable and prudent costs that should be Α. included and accounted for at the solar generating asset facilities just as they are at other company generating facilities. Ιt is not reasonable to disallow environmental restoration costs that the company reasonably expects to incur at the time of dismantlement. These and other reasons the Commission should reject this proposed adjustment are explained further in the rebuttal testimony of Mr. Kopp.

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#### 16. Dismantlement Expense Related to Solar Generation Life

Q. Should the Commission approve OPC's proposed adjustment to reduce dismantlement expense to reflect a 35-year life for solar generating assets?

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A. No. The company disagrees with OPC's position on this issue for the reasons explained in the rebuttal testimony

of Mr. Allis. However, if the Commission approves a 35year life for solar assets, the 2025 NOI adjustment for dismantlement expense, after applying the jurisdictional factor and the revenue gross-up multiplier (which excludes the federal and state income tax) should be This expense reduction \$(1.293) million. amount calculated in isolation and does not embed the adjustments removing escalation and removing environmental remediation costs. However, if the Commission adopts those changes, the corresponding proposed changes to accumulated depreciation should be approved.

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#### 17. Carrying Costs on Deferred Production Tax Credits

Q. Should the Commission approve OPC's proposal to include carrying costs on deferred production tax credits ("PTC") through December 31, 2024, in test year NOI?

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A. No. Deferred PTC were recorded as regulatory liabilities from 2022 to 2024. Over this period, they were properly reflected as rate base reductions in the company's Earnings Surveillance Reports. In the 2025 test year, the unamortized balance of the regulatory liabilities related to deferred PTC are reductions to rate base. As a result, the revenue requirement requested in this proceeding is lower already. There is no need for the adjustment

proposed by OPC.

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#### 18. Deferred PTC Amortization Period

Q. Should the Commission approve OPC's proposal to amortize the regulatory liability associated with deferred PTC over three years instead of the 10 years proposed by the company?

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A. No. The Commission should not approve OPC's proposed 3year amortization for the deferred PTC benefit regulatory liability. These benefits were put on the balance sheet for the express purpose of flowing them to customers as new rates were set in our next rate proceeding.

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The company's proposed amortization period of 10 years is reasonable because it shares the benefit of deferral with customers over a longer period. Using a three-year amortization period would be beneficial to customers for three years but would create an abnormal expense reduction and enhance the potential need for rate relief at the end of the amortization period. Mr. Kollen's requirement adjustment also included impacts of carrying charge discussed above which should be rejected for the reasons explained above.

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If the Commission prefers a middle ground, a five-year amortization period would spread the benefit of the deferral over a longer period than proposed by OPC and would moderate the impact of the atypical expense reduction described above. If the Commission approves a five-year amortization for the regulatory liability, the 2025 NOI adjustment, after applying the jurisdictional factor and the revenue gross-up multiplier (which excludes the federal and state income tax) would be \$(5.520) million.

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#### 19. Deferred IRA Investment Tax Credits Amortization Period

Q. Should the Commission approve OPC's proposal to amortize deferred investment tax credits ("ITC") associated with energy storage devices over three years?

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No. The company opposes OPC's proposed adjustment because it does not reflect a normalization method of accounting. By spreading the benefit of ITC over an asset's regulatory life, normalization avoids intergenerational cost inequities for customers and allows the customers who will be getting the benefit of the asset to also enjoy the benefit of the related ITC. As described in Tampa Electric witness Valerie Strickland's rebuttal testimony, company's proposed methodology complies with IRS normalization rules and is consistent with the company's historical treatment of its Deferred ITC. The company's treatment is consistent with the FPSC's historic practice for ITC, which has been reflected in Commission orders for the last several decades.

#### 20. Deferred Solar ITC Amortization Period

Q. Should the Commission approve OPC's proposal to amortize pre-2022 solar ITC over 35 years rather than 30 years?

A. No. As explained in the rebuttal testimony of Mrs. Strickland, the amortization of the deferred solar ITC should match the regulatory life of 30 years, as proposed in the company's recently filed Depreciation Study.

#### B. OPC's Proposed 2025 Test Year Adjustments for Rate Base

#### 1. Spare Power Transformers

Q. Should the Commission approve OPC's proposed rate base adjustment to remove spare power transformers?

A. No. The current lead time to obtain a transformer is approximately two to three years, so ordering spares annually is needed to serve customers in the event of transformer failure. If the company is unable to maintain a healthy spare inventory, the company may be required to

purchase emergency replacements at higher costs. The proposed disallowance would create reliability risk and could increase customer costs. These and other reasons the Commission should reject this proposed adjustment are explained in the Tampa Electric witness rebuttal Chip Whitworth's rebuttal testimony.

#### 2. Distribution Feeder Hardening Plant

Q. Should the Commission approve OPC's proposed rate base adjustment to remove distribution feeder hardening plant?

A. No. The proposed feeder hardening rate base adjustment is related to the recommendation on page 19 of the testimony of Mr. Mara "that all feeder hardening costs be shifted to the SPP." This recommendation should be rejected for the reasons explained in Section I.A.10., above.

#### 3. OPC Proposed Adjustments to Accumulated Depreciation

Q. Should the Commission approve OPC's proposed adjustment to accumulated depreciation to reflect different depreciation lives for solar generating facilities and energy storage devices?

A. No. OPC's proposed changes to the depreciation service lives for solar generating facilities and energy storage

devices should be rejected for the reasons previously explained in this testimony. However, if the Commission adopts those changes, the corresponding proposed changes to accumulated depreciation should be approved.

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#### 4. Rate Base Adjustments for PTC

Q. Should the Commission approve OPC's two proposed rate base adjustments relating to the company's regulatory liability for deferred PTC?

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Α. No. The company opposes those adjustments for the reasons explained above and in the rebuttal testimony of Mrs. company's disagreement Strickland, namely the with certain data points used to calculate the rate base adjustment. However, if the Commission approves OPC's positions on PTC carrying costs and amortization, it should also approve any corresponding rate base adjustments.

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- C. OPC's Proposed 2025 Test Year Adjustments for Capital Structure and ROR
- 22 1. Cost Rate for Deferred Energy Storage ITC in Capital
  23 Structure
  - Q. Should the Commission approve OPC's proposed revenue requirement adjustment to assign a zero cost to the

balance of energy storage deferred ITC in the capital structure?

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The methodology complies Α. No. company's with IRS normalization rules and is consistent with the company's historical treatment of its Deferred ITC. The company's treatment is consistent with FPSC practice, which is to assign a cost of capital for the Deferred ITC using the weighted average cost rate of investor sources of capital. This practice has been codified in Commission orders for the last several decades. These reasons for rejecting this proposed adjustment are explained further in the rebuttal testimony of Mrs. Strickland.

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#### 2. Return on Equity

Q. Should the Commission approve OPC's proposed revenue requirement adjustment to reflect a 9.5 percent mid-point return on equity ("ROE")?

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A. No. The Commission should reject OPC's proposed ROE adjustment. Mr. Kollen's proposed adjustment is based on the recommended ROE in the testimony of OPC Witness Randall Woolridge. Tampa Electric does not agree with Dr. Woolridge's observations surrounding current capital market conditions, his review of authorized ROE, his

application of the DCF model, nor his application of the CAPM. These points are explained further in the rebuttal testimony of Dylan D'Ascendis.

#### D. OPC's Proposed CETM Adjustments

O. What is the CETM?

A. CETM stands for Clean Energy Transition Mechanism. It was approved by the Commission in 2021 when the Commission approved the company's 2021 Settlement Agreement. Tampa Electric witness Ashley Sizemore explains the CETM and presents the company's proposed updated CETM factors for 2025 and thereafter in her direct testimony.

### 1. Cost Rate for Deferred Energy Storage ITC in capital structure

Q. Should the Commission approve OPC's proposed CETM adjustment to assign a zero cost to the balance of energy storage deferred ITC in the capital structure?

A. No. The Commission should reject OPC's proposed energy storage ITC adjustment for the reasons described in Section I.C.1., above and in the rebuttal testimony of Mrs. Strickland.

#### 2. Return on Equity

Q. Should the Commission approve OPC's proposed CETM adjustment to reflect a 9.5 percent mid-point ROE?

A. No. The Commission should reject OPC's proposed ROE adjustment for the reasons explained in Section I.C.2., above.

- E. OPC's Proposed 2026 and 2027 SYA Adjustments
- 10 1. Remove Grid Reliability and Resilience ("GRR")
- Q. Should the Commission approve OPC's proposed adjustment to remove the GRR Projects from the company's proposed 2026 and 2027 SYA?

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A. No. The GRR Projects build on Tampa Electric's existing grid modernization strategy and will provide new and enhanced functionality across the investments. The projects will provide customers with greater access to data which is critical to meet customer expectations and enable more efficient and effective operations within Tampa Electric. The prudence of the GRR Projects included in the company's proposed 2026 and 2027 SYA are explained further in the Tampa Electric witness David Lukcic's rebuttal testimony.

Q. Should the fact that the GRR Projects are not generating assets disqualify them for recovery through a SYA?

A. No. Although the Commission has approved SYA for cost recovery of generating assets in the past, there are no practical or ratemaking reasons why a SYA should not include major grid improvement projects. The purpose of a SYA is to allow cost recovery for future major projects without filing multiple future test years or filing a rate case every year. The company's GRR program is a major project and including components of it for recovery through an SYA will mitigate the need for the company to file "full" rate cases in 2026 and 2027.

#### 2. Remove Income Tax Gross Up on Non-equity Return

Q. Should the Commission approve OPC's proposal to remove the income tax gross up in non-equity return capital structure components?

A. Yes. The logic of OPC's adjustment is correct. The company's position is that the GRR Projects should be included in the 2026 and 2027 SYA; therefore, the amount of the adjustment to remove the income tax gross up should be \$(4,739,104) for 2026 and \$(3,262,486) for 2027.

#### 3. Imputed Revenue Adjustment

Q. Should the Commission adopt OPC's proposal to reduce the company's 2026 and 2027 SYA by imputing incremental revenues for those periods?

A. No. The Commission should reject OPC's proposed SYA adjustments because of two flaws in OPC's position.

The first flaw is its reliance on methods and assumptions objected to in the rebuttal testimony of Mrs. Cifuentes. Mr. Kollen's proposed SYA adjustments are based on 2026 and 2027 revenue projections in the testimony of OPC witness Dr. Dismukes. Tampa Electric does not agree with Dr. Dismukes's proposed methodology and assumptions as they overlook important facts, contain inaccuracies, are inconsistent with accepted industry best practices, and are based on outdated information.

The second flaw is the application of all of Dr. Dismukes's projected 2026 and 2027 revenue growth amounts to only the assets in the company's proposed SYA. Even if the company agreed with Dr. Dismukes' annual growth increments of roughly \$8 million and \$6 million, those figures would be revenue available to recover the total rate base growth for Tampa Electric in those future years.

The Commission has for decades acknowledged that future year revenue growth allows utilities to reasonably invest in additional rate base without having to come in every year for rates. The specific assets included in the SYA are just a subset of the total assets that the company will invest in to serve customers in the years after 2025.

Imputing incremental 2026 and 2027 revenue into the calculation of the company's proposed 2026 and 2027 SYA would simply serve to moderate the benefits to all parties from SYA and increase the likelihood that the company would need additional rate relief in those years.

#### 4. Remove Incremental O&M Expenses

Q. Should the Commission adopt OPC's proposal to disallow O&M expenses associated with the projects included in the company's proposed 2026 and 2027 SYA?

A. No. The Commission should reject this proposed adjustment because these O&M expenses, which will be incurred in 2026 and 2027, are incremental to the O&M expense amounts included in the company's 2025 test year and are related to the specific SYA projects. The company's proposal to recover incremental O&M is consistent with the method used to calculate revenue requirements for prior base rate

adjustments. Both OPC's revenue and expense adjustments to the SYA should be rejected.

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#### 5. Other Revenue Requirement Adjustments

Q. Consistent with its positions on the company's 2025 test year, OPC proposes to adjust the company's 2026 and 2027 SYA amounts to reflect (a) longer depreciation lives for solar and energy storage devices, and (b) a three-year amortization period for deferred ITC associate with energy storage devices. Should the Commission approve these adjustments?

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The Commission should decline Α. No. to make these adjustments to the company's proposed 2026 and 2027 SYA for the same reasons - described above - that it should not make these adjustments to the company's 2025 test year revenue requirement. However, if the Commission adopts OPC's position on any of these issues for the company's 2025 test year revenue requirement, it should make the same adjustment to the company's proposed 2026 and 2027 SYA.

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# 6. Cost Rate for Deferred Energy Storage ITC in capital structure

Q. Should the Commission approve OPC's proposed SYA

adjustment to assign a zero cost to the balance of energy 1 storage deferred ITC in the capital structure? 2 3 No. The Commission should reject OPC's proposed energy Α. 4 5 storage ITC adjustment for the reasons described in Section I.C.1., above and in the rebuttal testimony of 6 Mrs. Strickland. 8 7. Return on Equity 9 Should the Commission approve OPC's proposed SYA revenue Q. 10 requirement adjustment to reflect a 9.5 percent mid-point 11 12 ROE? 13 14 Α. No. The Commission should reject OPC's proposed ROE adjustment for the reasons explained in Section I.C.2., 15 above. 16 17 Tax Reform Proposal 18 F. Should the Commission approve the Company's proposed tax 19 0. reform provision or reject the proposal as advocated by 20 OPC? 21 22 23 Α. The company continues to believe that its proposed tax

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reform mechanism would be a useful regulatory tool and

should be approved. It is designed to address tax rate

increases and decreases, and a similar mechanism was the basis for (a) the identification of a \$102.7 million revenue requirement impact that was netted against storm costs for 2018 and reduced base rates effective January 1, 2019 and (b) a credit of approximately \$5 million to the ECCR for 2019 and a related base rate reduction effective January 1, 2020 for a state tax rate decrease.

#### II. AFFILIATE TRANSACTIONS AND ALLOCATIONS

Q. What is your general assessment of Bion Ostrander's testimony in this case?

A. Mr. Ostrander's testimony identifies several "concerns", proposes specific adjustments, and invites the Commission to adopt nine recommendations for Tampa Electric as a "centralized service provider." The Commission should not adopt any of his proposed adjustments or suggestions for the reasons specified in this portion of my rebuttal testimony.

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#### A. General Concerns

Q. As a preliminary matter, do you agree with Mr. Ostrander's concern about the timeliness and quality of the company's responses to his requests for information?

No. OPC sent discovery on affiliate transactions to Tampa Electric before the company filed its petition and direct testimony. OPC's initial discovery on affiliate transactions appeared to be boiler plate questions used by Mr. Ostrander in other states and were not tailored to Tampa Electric's circumstances or based on an analysis of the company's initial filing. The quality of the company's responses is reflected in the content of explanations provided and the layers of detailed cost breakdowns submitted. The timeliness and quality of the company's responses were consistent despite the significant volume of formal discovery requests and informal requests.

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On the subject of affiliate transactions alone, the responded to over 100 interrogatories requests for production of documents from OPC, with a total of over 275 questions including subparts. company provided additional information on affiliate transactions during my deposition and in the deposition filed exhibits. addition to In these formal provided information responses, the company also informally in three ways: (1) two informal meetings with Mr. Ostrander where company representatives provided explanations on process, accounting, and reporting for affiliate transactions, (2) early delivery of discovery

responses (the company sent over 50 emails directly to OPC with files and explanations ahead of discovery due dates), and (3) delivery of responses to three pages of additional clarifying questions (CQ-1 through CQ-3).

Q. On pages 21 through 24 of his testimony, Mr. Ostrander discusses Florida's cost allocation and affiliate transaction rules. Do you agree with the positions presented by Mr. Ostrander in this section of his testimony?

A. No. On line 19 of page 24, Mr. Ostrander concludes that "existing Florida affiliate transaction rules provide very minimal protective measures to consumers." I strongly disagree with that characterization.

Mr. Ostrander quotes four different relevant sections of the Commission's rules, including Rule 25-6.1351(3)(a), F.A.C. which states "All affiliate transactions, however, are subject to regulatory review and approval." Despite this rule statement, Mr. Ostrander suggests that most of Tampa Electric's affiliate transactions lack meaningful review.

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 ${f Q.}$  On line 21 of page 24, Mr. Ostrander recommends that "the

Commission explore adding more protective measures" for affiliate transactions. Do you agree?

A. No. I believe the recommendation, as well as most of Mr. Ostrander's positions, reflects a lack of careful study of Florida's affiliate transaction rules and monitoring methods and Tampa Electric's compliance with those rules and methods. Indeed, his recommendations really appear to be criticisms of the Commission's approach to regulating affiliate transactions.

Each year, Tampa Electric files information requested by the FPSC as an addition to FERC Form No. 1, called the Diversification Pages. These annual pages (officially numbered 451 to 460) involve about 30 pages of data and reflect a significant amount of information available to the Commission and consumer parties. The Commission reviews this information and can send data requests if warranted.

Many of Mr. Ostrander's concerns that the company failed to provide supporting documentation - and most of his questions that he calls unresolved matters - reflect his lack of understanding of the information provided to OPC and the information provided annually by Tampa Electric

to the FPSC.

For example, Mr. Ostrander's questions frequently ignored the designation of incoming and outgoing affiliate charges as presented as "P" and "S" on Page 457 of the Diversification Pages. Also, Mr. Ostrander's claim that there was a lack of explanation and clarity for affiliate agreements ignores the information for every affiliate agreement presented on Page 455 of the Diversification Pages.

Q. Are the positions in Mr. Ostrander's testimony reasonable given the content of his section VI. and given your comments above?

A. No. When Mr. Ostrander states that Florida affiliate transaction rules do not provide adequate protective measures for consumers, he ignores the Commission's authority to review all these transactions and fails to acknowledge Tampa Electric's adherence to these rules. His suggested adjustments are not grounded in fact or reasonable logic.

Q. Mr. Ostrander expresses concerns about Emera's use of the Nova Scotia Power cost allocation manual ("CAM"). Do you

agree with this concern?

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Α. No. Nova Scotia Power, Inc. ("NSPI") existed before the establishment of the Emera parent company. When transactions began to occur between NSPI and Emera, they immediately came under the jurisdiction of the Nova Scotia Utility and Review Board ("UARB"). As NSPI's regulator, the UARB reviews and approves the NSPI CAM and monitors compliance with it. The NSPI CAM covers transactions between Emera and NSPI. There is no need to create a redundant document that isolates Emera charges when they are covered by the existing NSPI CAM.

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Q. Should the Commission be concerned about the levels of costs allocated and attributed to and from Tampa Electric and its affiliates?

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A. No. The Commission monitors affiliate transactions through the Diversification Pages and in FPSC audits, allowing it to validate reasonable and prudent cost levels at Tampa Electric and other regulated utilities. The Commission's oversight of shared services and their related cost levels has proven to be effective. In addition to oversight in Florida, the UARB conducts its scrutiny of affiliate transactions among Emera companies.

This indirect review by another regulator should provide additional confidence that the costs allocated to and from Emera to other affiliates are reasonable.

Finally, the appropriateness of cost distributions to and from Tampa Electric and its affiliates is reflected in Tampa Electric's performance against the Commission's benchmark. With the vast majority of parent and affiliate charges being recorded in the A&G functional expense group, the prudence of cost levels is reflected in Tampa Electric's 2025 test year A&G expense, which is \$56.0 million below the Commission's benchmark.

#### B. Proposed Adjustments

Q. Should the Commission reduce the company's test year O&M expenses by \$858,561 as proposed by Mr. Ostrander?

A. No. The adjustment, named BCO-1, is not appropriate for the following reasons:

First, the adjustment subtracts an amount that is not in the company's 2025 test year budget. Although Mr. Ostrander states on page 55 of his testimony that "this amount is an Emera allocated expense that will impact TECO's expenses", and that "TECO has not provided any

supporting documentation," he then correctly depicts in his chart on page 53 that this \$858,561 is not in the company's 2025 budget.

Second, the adjustment is based on incorrect information. Mr. Ostrander indicates, at the bottom of page 54, that Emera's direct and allocated charges to TECO "do not impact TECO expenses because these charges are treated as an Accounts Receivable accounting entry." As reported on Tampa Electric's 2023 Diversification Page 457C, these charges are recorded in account 930 and other multiple FERC expense accounts. They are not recorded in Accounts Receivable (account 146).

Third, Mr. Ostrander supports his proposed adjustment with incorrect information and incorrect logic. Mr. Ostrander relates, at the top of page 56, the \$858,561 to the "transfer (of) expenses of dissolved TECO Services, Inc. to TECO operations in 2024." He then states that "TECO has not explained why it is reasonable to transfer its expenses to TECO."

The \$858,561 cost charged from Emera to Tampa Electric in 2023 is not related to the dissolution of TECO Services, Inc. Tampa Electric provided interrogatory responses and

person-to-person explanation to OPC and Mr. Ostrander that Tampa Electric was previously charged some shared services with that description in the years prior to 2024 but did not budget these charges in that manner in 2024 or 2025.

Fourth, the adjustment ignores the fact that the Emera charges budgeted to expense in the 2025 test year are lower than the Emera charges incurred in 2023 and prior years. As reflected in Mr. Ostrander's chart on page 53, the budgeted amount in the 2025 test year for Emera charges is less than the actual amounts for 2023. Also, as reflected in the company's response to OPC's Fifth Set of Interrogatories No. 98, the budgeted amount in the 2025 test year for Emera charges is \$13,859,000, which is less than the actual amounts for 2023, \$14,856,777, and 2022, \$15,394,031.

Q. Should the Commission reduce the company's test year O&M expenses by \$5,457,472 as proposed by Mr. Ostrander?

A. No. The adjustment, named BCO-2, is a combination of four proposed adjustments, as presented on page 60 of Mr. Ostrander's testimony. I will address each proposed adjustment below.

Q. Should the Commission reduce the company's test year O&M expenses by \$400,000 based on Mr. Ostrander's changes to the calculation of allocation factors?

A. No. The adjustment, named BCO-2.1, is not appropriate because Mr. Ostrander has, per page 62, "removed the Net Income factor and replaced it with a 2023 Headcount factor and updated some of the remaining Revenues and Net Asset factors." This deviation from the calculation methods approved by the FPSC for the last several rate cases causes inconsistency, without proof that this methodology change will be prudent for cost distribution during the period when new rates will be in effect.

Q. Should the Commission reduce the company's test year O&M expenses by \$3.6 million based on Mr. Ostrander's proposal to disallow one half of corporate responsibility expenses?

A. No. The adjustment, named BCO-2.2, is not appropriate because Mr. Ostrander has proposed to disallow costs because of his opinion that, per page 62, "TECO has not provided any documentation to prove these corporate expenses are not duplicative of other corporate-type expenses or that they are not excessive." Mr. Ostrander's

opinion ignores the significant documentation provided by the company (discussed earlier in my rebuttal testimony), the Commission's long-standing oversight of affiliate transactions and corporate responsibility expenses, and the fact that corporate responsibility expenses are recorded in the A&G functional expense group which, for the 2025 test year, is \$56.0 million below the

Q. Should the Commission reduce the company's test year O&M expenses by \$200,000 based on Mr. Ostrander's changes to the calculation of headcount allocation factors?

A. No. The adjustment, named BCO-2.3, is not appropriate because Mr. Ostrander describes this adjustment, on page 72, as "more of a routine adjustment that does not need much explanation." This adjustment inappropriately uses historical data rather than the 2025 test year data, which test year data is more indicative of employee count during the time period when new rates will be in effect.

Q. Should the Commission reduce the company's test year O&M expenses by \$1.3 million based on Mr. Ostrander's changes to the calculation of procurement cost allocation factors?

No. The adjustment, named BCO-2.4, is not appropriate because Mr. Ostrander has proposed to disallow costs because of his opinion that, per page 73, "TECO has become saddled with almost all residual Procurement expenses because TECO has failed to responsibly control, justify, these increasing levels of centralized service Ostrander's expenses." Mr. opinion ignores significant documentation supporting transactions provided by the company, the Commission's long-standing oversight of these expenses, and the fact that procurement expenses are recorded in the A&G functional expense group which is \$56.0 million below the Commission's benchmark.

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Equally important is that Mr. Ostrander's opinion ignores the fact that the costs involved are not residual or remaining costs. Rather the costs incurred by Tampa Electric are for the activities that specifically serve Tampa Electric's procurement needs. This is reflected in the amounts on the company's books for 2020 through 2023. In that time, Tampa Electric procurement expense grew from \$3.3 million to \$4.8 million. This \$1.5 million increase was 46 percent. During the same period, the dollars for purchase orders processed for Tampa Electric increased 37 percent, and the dollars for vendor invoice payments for Tampa Electric increased 47 percent. The amount of

procurement costs included in the 2025 test year O&M expense is reasonable and prudent.

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#### C. Centralized Service Provider Recommendations

Over time,

Should the Commission be concerned about the role Tampa Ο. Electric plays as a centralized service provider?

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customers have benefited from discipline efficient Electric's cost and business processes. The benefit of having shared service functions is that it mitigates duplicative costs that would be incurred by each regulated affiliate if they each had individual functions at each company. The Commission has monitored affiliate transactions through the Diversification Pages and in FPSC audits, allowing it to validate reasonable and prudent cost levels at each company. The Commission also, during each rate case proceeding, has examined the functional distribution of responsibilities among affiliates, focusing on where individual company attention is needed and where a shared service approach is cost effective. The Commission ensures that functional structure and cost levels are reasonable and prudent.

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Q. Should the Commission adopt Mr. Ostrander's nine recommendations for Tampa Electric as a centralized service provider?

A. No. Mr. Ostrander's nine suggestions for Tampa Electric as a centralized service provider should be rejected for several reasons.

First, if they are to be considered at all, they should only be considered in a rulemaking or other proceeding applicable to other public utilities operating under the jurisdiction of the Commission. Rule 25-6.1351, F.A.C. on Cost Allocations and Affiliate Transactions has served the Commission well for many years, and requirements like the ones proposed by Mr. Ostrander should only go into effect through amendments to this rule.

Second, Mr. Ostrander's recommendations ignore important facts. Emera charges in the 2025 test year of \$13.9 million represent less than four percent of Tampa Electric's total O&M expense. In addition, the shared service costs which are contained in the company's O&M are subject to consistent review by the Commission through its robust monitoring procedures. The costs questioned by Mr. Ostrander are primarily recorded in the A&G functional expense group which, for the 2025 test year, is \$56.0

million below the Commission's benchmark.

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Finally, the nine recommendations are either overly burdensome or redundant. The suggestions in items one, two, three, four, and six would create unnecessary administrative burden and require incremental costs to be borne by customers. The suggestions in items five, seven, eight, and nine are procedures that are already in place. The company's internal controls, accounting, invoicing, tracking, management monitoring and analysis, Diversification reporting, and internal, regulatory audits collectively provide the Commission assurance that affiliate transactions are reasonable and prudent.

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#### III. EQUITY RATIO

Q. Should the Commission approve the 52 percent equity ratio (investor sources) recommended by FEA witness Christopher Walters?

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A. No. Credit rating agencies consider the regulatory environment of an electric utility to be a key consideration in determining the creditworthiness of an energy utility. Regulators determine an appropriate capital structure and establish the allowed return on

equity, and these are two of the key variables that go into determining a utility's revenue requirement, and by extension, the debt level and cash flow generating capability of the company.

Reducing the company's requested equity ratio would result in a reduction to the revenue requirement and would have a negative effect on credit metrics and financial integrity. Tampa Electric's obligation to serve its customers and the significant capital expenditure requirements needed to maintain, modernize and grow its system is better served by stronger financial integrity.

Finally, rating agencies will react negatively to a 52 percent equity ratio because it (a) would be a deviation from the equity ratios approved by the FPSC for utilities in the state of Florida and (b) would be a downward movement from the equity ratio approved by the Commission for Tampa Electric for the last 11 years. The maintenance of Tampa Electric's requested equity ratio should lead to adequate coverage ratios and provide the financial strength and credit parameters necessary to maintain the company's creditworthiness and assure access to capital. Maintaining Tampa Electric's creditworthiness is also critical in keeping borrowing costs down, which keeps

customer bills lower.

#### IV. OTHER ISSUES

Q. In the testimony of FIPUG witness Johnathan Ly, he makes a recommendation related to PTC for Future Solar Projects.

Please comment on this recommendation.

A. Mr. Ly indicates that the Commission should ensure that each of the Future Solar Projects entering rate base qualify for PTC.

Each of the solar projects included in the 2025 test year and the 2026 and 2027 SYA qualify for PTC. The company anticipates that solar projects included in future proceedings, beyond the ones included in this proceeding, will qualify for PTC, too.

Q. In the testimony of Mr. Ly, he recommends that the Commission should require that all PTC (grossed up for income taxes) be included as offsets to the company's base revenue requirements associated with each Future Solar Project that is placed into commercial operation and for which cost recovery is authorized. Do you agree with this recommendation?

Yes. For each of the solar projects included in the 2025 Α. test year and the 2026 and 2027 SYA, the company has reduced the revenue requirement for PTC (grossed up for The company agrees that when the Commission taxes). establishes cost recovery for solar projects included in future proceedings, beyond the ones included in this proceeding, PTC (grossed up for income taxes) should be offsets to base revenue requirements associated with each Project Future Solar for which cost recovery authorized.

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PTC are flow through tax credits, and the company has forecasted the use of flow through accounting for solar PTC in the 2025 test year and the 2026 and 2027 SYAs. Each year, the company will continue to use flow through accounting for PTC associated with solar projects.

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Q. Should the Commission approve Florida Rising/LULAC witness Karl Rabago's proposal to deny cost recovery for any capital project without a cost-benefit analysis in the record?

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A. No. Mr. Rabago's suggestion that the Commission should disallow any capital spending project of \$1 million or more that is not supported by a "comprehensive, objective,

transparent, and documented BCA" (benefit cost analysis) should be rejected for several reasons.

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First, I am not aware of any statute, rule, or FPSC decision imposing that requirement. Imposing that kind of requirement in the middle of a pending rate case would amount to changing the rules after the proceeding has started, which seems inconsistent with traditional notions of fairness and due process and would be better suited to a rulemaking or generic proceeding.

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Second, a requirement like that is not needed. Electric has a robust system of management controls and approvals designed to ensure that the company pursues cost-effective solutions at the lowest reasonable cost. Every funding project for capital expenditures requires management approval, with increasing levels of authorization in the organization as the project proposal crosses designated dollar thresholds. In this proceeding specifically, the company has provided extensive documentation of the analysis and authorization for key projects such as solar generation, the Bearss Operation Center, and others. In addition to individual project approvals, the company's entire capital expenditure budget involves rigorous steps that include internal

review and Board approval.

Finally, Mr. Rabago's proposal ignores the reality of what circumstances cause an electric utility to install and replace assets. While maintaining our focus on cost discipline and cost effectiveness, the company makes capital expenditures according to the needs of our customers and our obligation to serve.

Three examples illustrate the point: (1) the need to extend infrastructure to new subdivisions being constructed in our service area or upgrade existing substations and conductors in response to load growth, (2) the need to repair and replace property damaged in the normal course of maintaining the equipment and infrastructure of an electric utility (e.g., car hits pole, storm damages transformer, etc.), and (3) the need to comply with changing transportation infrastructure, environmental rules, and safety requirements.

Tampa Electric and the other utilities in Florida do not have time to conduct a BCA when a major transformer fails or when it must extend a line to serve a new subdivision. The company performs projects like these as part of its obligation to serve and to provide quality electric

service and does so at the lowest reasonable cost to customers. Requiring a BCA for all capital projects of \$1 million or more is simply not feasible from an operating perspective.

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Q. The audit report attached to the testimony of FPSC Staff witness Tomer Kopelovich reflects two audit findings. Do you agree with those findings?

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A. No. Unfortunately, the schedule of this case did not allow for an audit "exit" meeting, or we would have provided the information set forth below to the staff audit team at that time.

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Q. What are the company's concerns with "Finding 1:
Association Dues/Economic Development"?

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Finding 1 recommends decrease in Association Α. а Dues/Economic Development O&M of \$748,467 due to the lack of supporting documentation for Edison Electric Institute ("EEI") invoices totaling \$745,967 and a Tampa Bay Clean Cities Coalition invoice of \$2,500. Tampa intended to provide the supporting documentation for the EEI invoices but missed the selection when providing the documentation as part of the larger audit request. Tampa Electric was not aware that the documentation was missing, or it would have provided it during the audit. Document No. 3 of my rebuttal exhibit contains all supporting documentation for the EEI invoices.

Additionally, the portion of the EEI invoices associated with lobbying/political purposes was properly excluded from FPSC Adjusted NOI. The Association Dues/Economic Development expense in the EEI invoices was included in FPSC Adjusted NOI.

The Tampa Bay Clean Cities Coalition invoice of \$2,500, that applies to the membership period of October 1, 2022 - September 20, 2023, was paid on March 23, 2023. Per Tampa Electric's accounting policies, it was not material enough to warrant prepaid/amortization treatment. Since the Tampa Bay Clean Cities Coalition invoice of \$2,500 was paid in 2023, it is correctly reflected as a Historical Prior Year 2023 expense. Document No. 3 of my rebuttal exhibit contains all supporting documentation for the Tampa Bay Clean Cities Coalition invoice.

Q. What are the company's concerns with "Finding 2:
Advertising"?

Α. Finding 2 recommends a reduction of \$474,843 from the advertising expense reflected on MFR Schedule C-15 due to Conservation advertisements. the inclusion of Schedule C-15 is entitled "Industry Association Dues", and the instructions are to "Provide a schedule of industry association dues included in cost of service by organization for the test year and the most recent historical year. Indicate the nature ofeach organization. Individual dues less than \$10,000 may be Electric's aggregated." Tampa MFR Schedule C-15,"Industry Association Dues," does not include Advertising expenses. Ιt appears that the intended to cite MFR Schedule C-14, entitled "Advertising Expenses."

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Tampa Electric's MFR Schedule C-14, entitled "Advertising Expenses," does not include any Conservation advertisement expenses. In the construction of the MFR Schedule C-14 the 2023 Conservation advertising expenses of \$1,744,676 were removed from the total \$2,014,460.28 909, 2023 Informational the FERC Account Instructional Advertising Expenses, prior to populating column 1, line 1 of MFR Schedule C-14. Document No. 3 of my rebuttal exhibit contains all supporting documentation for MFR Schedule C-14.

Q. Should the Commission reduce the company's test year O&M based on Mr. Kopelovich's two audit findings?

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A. No. For the reasons explained above, the amounts in question are appropriately reflected in the company's Historical Prior Year 2023 expense.

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#### V. COST-EFFECTIVENESS AND AFFORDABILITY

Q. Intervenor witnesses have commented on affordability of customer bills. Does Tampa Electric conduct its operations with cost effectiveness and long-term affordability of its services in mind?

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Tampa Electric witnesses Jordan Α. Yes. As noted in Williams's and Marian Cacciatore's rebuttal testimony, the term "affordability" is difficult to define, because it has so many dimensions that are customer specific and beyond the control of the company. The company has to balance many considerations as it provides service to its customers - things like safety, reliability, resilience, environmental compliance, fuel diversity, employee relations, community needs and, of course, the level of customer rates and the related impact on customers.

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One of the ways we promote affordability is to focus our knowledge, strategic thinking, and experience on costeffectiveness. The company considers these and many other factors in its planning, its operations, and its financial decisions. This comprehensive approach has helped moderate rate increases in the past and will continue to moderate rate increases in the future.

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Q. Can the company control all of the costs that end up on customers' bills?

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like the cost of fuel and environmental No. Items Α. compliance costs are influenced by market forces and changing legal requirements largely beyond the control of The company is working diligently company. the implement its FPSC-approved Storm Protection Plan, which over time will reduce the amount of damage caused by storms; however, whether a hurricane or other named storm will hit the company's service area is wholly beyond the company's control. Like our customers, Tampa Electric is subject to the effects of inflation and higher insurance and health care costs, neither of which are within the control of the company. Nevertheless, we remain focused providing high quality, reliable and electric service at fair, just, and reasonable rates.

Q. What strategic actions has the company taken with costeffectiveness and affordability in mind?

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At a strategy level, the company: (1) invests in assets Α. that generate electricity without incurring fuel costs; (2) continues to install, operate, and maintain assets in ways that improve generation heat rate efficiency, which means less fuel is consumed to generate more power which results in fuel savings; (3) invests in infrastructure that makes our grid more reliable and resilient, which keeps transmission and distribution operating lower and reduces the costs of restoring power after major storms; and (4) invests in technology and innovative processes that drive down the cost of serving customers. Evidence of our efforts in these areas and the costeffectiveness of major capital investments is reflected in the testimony of witnesses Mr. Aldazabal, Kris Stryker, Jose Aponte, Mr. Whitworth, Mr. Lukcic, Karen Sparkman, and Chris Heck.

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Q. What operating steps has the company taken with affordability in mind?

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A. From an operating perspective, the company: (1) uses asset management principles to execute preventative maintenance

and study infrastructure to minimize costs for operating an ever-expanding electric system; (2) prioritizes safety and wellness - which results in a more effective and efficient work force; (3) uses procurement practices that rely on vendor competition, benchmarking, purchasing power, and innovative contracting to mitigate the cost of goods and services; and (4) enables identification and execution of a diverse set of opportunities to produce other operating revenues, which directly reduce revenue requirements. Evidence of our efforts in these areas are reflected in the testimony of the operating witnesses listed above.

Q. What financial steps has the company taken with affordability in mind?

A. From a financial perspective, the company: (1) relies on its financial integrity and market knowledge to optimize access to low cost capital and issue debt at reasonable interest rates; (2) pairs financial teams with business units to train employees and execute controls to maintain financial acumen, which produces value-driven decisions and cost discipline; and (3) optimizes its tax positions to keep tax expense down and provide zero-cost capital funding through deferred taxes. These efforts have

produced strong results in areas including investment tax credits, production tax credits and research and development credits. Our efforts in these areas are reflected in my testimony and the testimony of Mrs. Strickland.

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#### VI. SUMMARY

Q. Please summarize your rebuttal testimony.

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rebuttal testimony addressed Α. My the positions adjustments for NOI, rate base, structure and ROR, CETM, SYA, and tax reform discussed in the testimony of OPC witness Lane Kollen. I also addressed the positions and proposed adjustments for affiliate transactions and allocations in the testimony of OPC witness Bion Ostrander. I addressed the equity ratio proposal reflected in the testimony of FEA witness Christopher Walters. I also addressed three other issues raised by other intervenor and FPSC Staff witnesses and explained how the company manages its activities with cost-effectiveness and affordability in mind.

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Q. Does this conclude your rebuttal testimony?

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A. Yes.

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI WITNESS: CHRONISTER

REBUTTAL EXHIBIT

OF

JEFF CHRONISTER

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI WITNESS: CHRONISTER

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3	Audit Finding Responses	190

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

DOCUMENT NO. 1

PAGE 1 OF 9 FILED: 07/02/2024

#### BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for Rate Increase by Tampa DOCKET NO. 20240026-EI

Electric Company

DOCKET NO. 20230139-EI

In re: Petition for approval of 2023 Depreciation and Dismantlement Study, by Tampa Electric Company

In re: Petition to implement 2024 Generation Base Rate Adjustment provisions in Paragraph

DOCKET NO. 20230090-EI

4 of the 2021 Stipulation and Settlement Agreement, by Tampa Electric Company

FILED: May 2, 2024

### TAMPA ELECTRIC COMPANY'S NOTICE OF SUBSTITUTION OF WITNESS AND ADOPTION OF TESTIMONY

Tampa Electric Company ("Tampa Electric" or the "company") hereby notifies the Florida Public Service Commission and Parties of Record that Tampa Electric witness Jeff Chronister will be adopting the prepared direct testimony filed by Mr. Richard Latta on April 2, 2024 and that Mr. Latta will not be a witness in this docket. Tampa Electric offers the following to promote administrative efficiency for this change:

- 1. Contemporaneous with the filing of this notice, Tampa Electric will be filing a new version of Latta's prepared direct testimony entitled "Prepared Direct Testimony of Jeff Chronister Volume II." This Volume II will contain no substantive changes to the testimony originally filed by Mr. Latta. It will only reflect: (a) necessary changes to the name, title, qualification, and experience portions of Mr. Latta's testimony to reflect that information for Mr. Chronister, (b) the renumbering of Mr. Latta's exhibit from RL-1 to JC-2, and (c) changes to references to Mr. Chronister's original April 2, 2024 testimony.
- 2. Going forward, Tampa Electric proposes that the prepared direct testimony filed by Mr. Chronister on April 2, 2024 be referred to as "Chronister's Original Prepared Direct Testimony"

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

DOCUMENT NO. 1

PAGE 2 OF 9

FILED: 07/02/2024

(or words to that effect) and the version of Mr. Latta's testimony adopted by Mr. Chronister be referred to as "Chronister Volume II."

3. The prepared direct testimony of some of Tampa Electric's other witnesses filed on

April 2, 2024 contain references to the prepared direct testimony of Richard Latta (or words to that

effect). Rather than updating and refiling each of those other testimonies, Tampa Electric proposes

that it be understood by virtue of this notice that all references to the testimony of Richard Latta in

testimony of other Tampa Electric witnesses filed on April 2, 2024 will be references to Chronister

Volume II. The document attached hereto as Exhibit A identifies by page and line number the places

where the prepared direct testimony of other Tampa Electric witnesses refer to Mr. Latta's testimony

filed on April 2, 2024.

4. The exhibit that accompanied the prepared direct testimony of Tampa Electric

witness Archie Collins (AC-1) includes as Document No. 1 a list of Tampa Electric witnesses and

the purposes of their testimony. Tampa Electric will file an updated Document No. 1 of Exhibit AC-

1 to reflect the witness change specified in this notice.

5. Mr. Latta is identified as co-sponsor with Mr. Chronister of a number of minimum

filing requirement ("MFR") schedules submitted by the company on April 2, 2024. He was not the

sole sponsor of any MFR schedule. Since Mr. Chronister is already identified as a co-sponsor of all

of Mr. Latta's MFR schedules, and to avoid re-submitting MFR schedules, the company proposes

that Mr. Latta be disregarded as a sponsor of any MFR schedule bearing his name. A list of those

MFR schedules is attached hereto as Exhibit B.

6. The exhibit that accompanied the prepared direct testimony of Tampa Electric

witness Archie Collins (AC-1) includes as Document No. 3 a list of witness assignments for MFR

schedules. Tampa Electric will file an updated Document No. 3 of Exhibit AC-1 to reflect that Mr.

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TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

DOCUMENT NO. 1

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Latta will no longer be sponsoring any MFR schedules.

7. As part of the discovery process, the company has served answers to interrogatories

propounded by the Office of Public Counsel that were supported by affidavits signed by Mr. Latta.

Contemporaneous with the filing of this notice, the company has served affidavits signed by Mr.

Chronister to be substituted for the affidavits of Mr. Latta.

8. Some of the answers to interrogatories served on the parties refer to the prepared

direct testimony of Richard Latta and his exhibit (RL-1). Rather than updating those interrogatory

answers, Tampa Electric proposes that it be understood by virtue of this notice that all references to

the testimony of Richard Latta or his Exhibit (RL-1) in answers to interrogatories or other discovery

responses will be references to Chronister Volume II and Exhibit No. JC-2.

9. Tampa Electric notes that Mr. Latta was noticed and cross-noticed for deposition in

this docket to be held on May 8, 2024. Tampa Electric will make Mr. Chronister available for

deposition in Mr. Latta's place on May 8, 2024 without the need for filing and service of amended

deposition notices. Mr. Chronister will also be available on May 9, 2024 as originally noticed and

cross-noticed.

10. In the interest of a complete record, Tampa Electric proposes to offer this Notice and

its attachments into the record as an exhibit at the final hearing.

11. Tampa Electric appreciates the cooperation of the Staff and Parties on this change

and will work in good faith on any other clarifications or changes needed to accomplish the

substitution and adoption described above.

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TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI REBUTTAL EXHIBIT NO. JC-3 WITNESS: CHRONISTER DOCUMENT NO. 1 PAGE 4 OF 9

FILED: 07/02/2024

RESPECTFULLY SUBMITTED this 2nd day of May, 2024.

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ATTORNEYS FOR TAMPA ELECTRIC COMPANY

WITNESS: CHRONISTER

DOCUMENT NO. 1

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#### **EXHIBIT A**

#### **Other Witness References to Latta**

Other Tampa Electric Witness	Location of Latta Reference			
Direct Testimony of Archie Collins	Page 32, Line 5			
Direct resultiony of Attende Comms	Page 35, Line 16			
Direct Testimony of Karen Sparkman	Page 12, Line 17			
Direct Testimony of Carlos Aldazabal	Page 4, Line 18			
	Page 6, Line 14			
	Page 7, Line 7			
	Page 14, Line 8			
Direct Testimony of Jeff Chronister (original)	Page 37, Line 11			
	Page 43, Line 19			
	Page 43, Line 22			
	Page 45, Line 10			
Direct Testimony of Kris Stryker	Page 5, Line 20			
Direct Testimony of Marian Cacciatore	Page 6, Line 3			

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI REBUTTAL EXHIBIT NO. JC-3 WITNESS: CHRONISTER

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FILED: 07/02/2024

Other Tampa Electric Witness	Location of Latta Reference
Direct Testimony of Valerie Strickland	Page 7, Line 19
Direct Testimony of Valerie Strickland	Page 16, Line 8

WITNESS: CHRONISTER

DOCUMENT NO. 1 PAGE 7 OF 9

FILED: 07/02/2024

# EXHIBIT B MFR Schedules Originally Co-Sponsored by Latta

Document	Location
Minimum Filing Requirements - F Schedules	PDF Page 2
- Volume I of III (Miscellaneous) (Exhibit No. TEC-10)	Bates Page 1
Minimum Filing Requirements - F Schedules	PDF Page 2
- Volume II of III (Miscellaneous) (Exhibit No. TEC-11)	Bates Page 146
Minimum Eiling Requirements E Schedules	PDF Page 2
Minimum Filing Requirements - F Schedules - Volume III of III (Miscellaneous) (Exhibit	Bates Page 231
No. TEC-12)	Bates Page 267
No. 1EC-12)	Bates Page 291
Minimum Filing Requirements - E Schedules (Cost of Service and Rate Design) (Exhibit No. TEC-5)	PDF Page 3
	PDF Page 2 through PDF Page 7
Minimum Eiling Daminamenta C.Shfulas	Bates Pages 1-59
Minimum Filing Requirements - C Schedules - Net Operating Income (Exhibit No. TEC-3)	Bates Page 65 through Bates Page 68
- Net Operating income (Exhibit No. 1EC-3)	Bates Page 103 through Bates Page 119
	Bates Page 121 through Bates Page 122
Minimum Filing Requirements - A Schedules	PDF Page 2
- Executive Summary (Exhibit No. TEC-1)	Bates Page 1 through Bates Page 21
	PDF Page 2 through PDF Page 5
Minimum Filing Requirements - B Schedules	Bates Page 1 through Bates Page 154
- Rate Base (Exhibit No. TEC-2)	Bates Page 157 through Bates Page 178
	Bates Page 181 through Bates Page 182
Revised MFR Schedule C-6	Bates Page 26 through Bates Page 31
Corrected MFR Schedule B-7	Bates Page 30 through Bates Page 59

TAMPA ELECTRIC COMPANY
DOCKET NO. 20240026-EI
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FILED: 07/02/2024

#### CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on this 2<sup>nd</sup> day of May, 2024, electronic copies of the foregoing Notice has been served by electronic mail on the following:

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20240026-EI
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TAMPA ELECTRIC COMPANY
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Exhibit JC-3

Document No. 2 – Dismantlement Calculations

The following document was included as an exhibit to the 2023 Depreciation and Dismantlement Study filed on December 27, 2023, and was also included in response to FIPUG's 2nd Production of Documents No. 25 and Staff's 3rd Production of Documents No. 19.

WITNESS: CHRONISTER

DOCUMENT NO. 2

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FILED: 07/02/2024

TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

Tampa Electric Company Summary of Dismantling Accruals FPSC Accrual Effective January 1, 2025

PLANT	LABOR	MATERIALS & EQUIPMENT	ENVIROMENTAL & DISPOSAL	SALVAGE	TOTAL
Bayside Common	39,725	117,899	244,326	(2,486)	399,46
Bayside Confinon  Bayside Unit #1 (3xGT - HSRG - ST)	185,505	471,707	(69,704)	(344,840)	242,66
Bayside Unit #1 (3xG1 - HSRG - ST)					
	243,652	617,911	(70,191)	(451,165)	340,20
Bayside GTs 3-6	38,763 507,645	69,289 1,276,806	(2,119) 102,312	(96,645) (895,136)	<u>9,28</u> 991.62
Total Bayside Power Station	307,643	1,276,806	102,312	(695,136)	991,62
Big Bend Common (Handling)	14,366	169,670	1,387,191	7,584	1,578,81
Big Bend Unit #4	162,012	546,920	105,298	(91,818)	722,41
Big Bend GT 4	9,232	16,666	(387)	(18,325)	7,18
Big Bend GT's 5-6 (and Unit 1 CCST)	294,413	464,101	37,212	(381,183)	414,54
Total Big Bend Power Station	480,023	1,197,357	1,529,314	(483,742)	2,722,95
Polk Common (Handling)	31,648	52,293	386,897	64,598	535,43
Polk Unit #1 (Gasifier - GT - HRSG - ST)	175,279	397,859	4,118	(344,293)	232,96
Polk Unit #2	0	0	0	0	,
Polk Unit #3	0	0	0	0	
Polk Unit #4	ō	0	ō	ō	
Polk Unit #5	ō	ō	ō	ō	
Polk 2-5 (4xGT - HRSG - ST)	225,758	387.219	21	(410.812)	202.18
Total Polk Power Station	432,685	837,371	391,036	(690,507)	970,58
MacDill Common	6.000	9.803	7,256	(10.070)	3,34
MacDill Common MacDill Unit 1 and 2	6,268 12,155	18,932	7,256 1,856	(19,979) (15,290)	17,65
MacDill Unit 3 and 4	12,155	18,932	1,856	(15,290)	17,65
MacDill BESS	19,056	15,133	1,181	(16,942)	18,42
Fotal MacDill Station	49,634	62,800	12,149	(67,501)	57,08
Delas Citas					
Solar Sites Fampa International Solar	27,401	27.859	4,741	(19,108)	40.89
Big Bend Solar	115,356	116,705	64,533	(59,628)	236,9
Legoland Solar			2,491		10,30
Legoland Solar Balm Solar	4,852 542,745	4,928 551,709	2,491 126,276	(1,968) (437,345)	783,38
Bonnie Mine Solar	170,720	173,431	128,486	(127,015)	345,62
Grange Hall Solar	297,019	301,669	129,503	(209,499)	518,69
Lake Hancock Solar	231,053	234,674	109,417	(166,887)	408,2
Lithia Solar	334,975	340,207	210,258	(246,832)	638,60
Little Manatee River Solar	347,406	352,489	205,369	(259,684)	645,58
Payne Creek Solar	345,522	351,243	207,594	(251,157)	653,20
Peace Creek Solar	256,717	260,729	120,010	(190,624)	446,83
Wimauma Solar	353,074	355,624	276,323	(241,506)	743,5
Agrivoltaics Solar	3,155	3,176	1,894	(2,205)	6,02
Alafia Solar	183,855	185,537	180,732	(117,537)	432,58
Big Bend Floating Solar	2,946	2,974	625	(4,325)	2,22
Big Bend Solar Phase 2	48,040	48,512	9,122	(30,568)	75,10
Brewster Solar	127,398	128,486	90,289	(86,552)	259,62
Bull Frog Creek Solar	229,386	231,359	162,779	(139,626)	483,89
Cotton Mouth Ranch Solar	231,627	233,629	177,767	(138,685)	504,33
Durrance Solar	344,354	347,914	123,659	(252,627)	563,30
Eastern PVS+ES Solar	2,077	2,089	2,429	(1,872)	4,72
English Creek Solar	232,001	233,992	120,409	(138,468)	447,93
Florida Aquarium Pavilion Solar	304	302	257	(298)	56
uture Property 1 Solar	212,283	213,983	205,630	(126,121)	505,77
Future Property 2 Solar	212,283	213,983	205,630	(126,121)	505,77
Jamison Solar	246,775	249,191	224,691	(198,923)	521,73
Juniper Solar	215,159	217,009	231,996	(126,815)	537,34
ake Mabel Solar	241,539	240,645	212,116	(169,732)	524,50
Laurel Oaks Solar	195,923	197,830	144,000	(126,023)	411,73
Magnolia Solar	239,973	242,309	296,423	(149,545)	629,10
Mountain View Solar	170,791	172,460	123,188	(101,928)	364,5
Riverside Solar	198,364	200,307	167,597	(118,891)	447,37
Total Solar Sites	6,365,073	6,436,954	4,266,234	(4,368,115)	12,700,14
Summary of Surviving Assets	7,835,060	9,811,288	6,301,045	(6,505,001)	17,442,39
Big Bend Unit #1 (CETM)	0	0	0	0	
Big Bend Unit #2 (CETM)	0	0	0	0	
Big Bend Unit #3 (CETM)	0	0	0	0	
City of Tampa	0	0	0	0	
		-			
Phillips Station	0	0	0	0	
Gannon Power Station	0	0	0	0	
Summary of Retired Assets	0	0	0	0	
Fotal Dismantlement Accrual	7.025.022	9.811.288	0.004.047	(C FOF OC.)	47.440.00
otai Dismantiement Accruai	7,835,060	9,811,288	6,301,045	(6,505,001)	17,442,3

MATERIALS ENVIROMENTAL

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

DOCUMENT NO. 2

PAGE 3 OF 115 FILED: 07/02/2024

TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

Change in Accruals Schedule PLANT	CURRENT ACCRUAL (01/01/2022)	PROPOSED ACCRUAL (01/01/2025)	PROPOSED CHANGE IN ACCRUAL
Bayside Common	270,547	399.464	128,91
Bayside Unit #1 (3xGT - HSRG - ST)	67,969	242.668	174,69
Bayside Unit #2 (4xGT - HSRG - ST)	107,666	340,207	232,54
Bayside GT's 3-6	(290)	9,288	9,57
Total Bayside Power Station	445,892	991,627	545,73
Big Bend Common (Handling)	1,756,377	1,578,811	(177,56
Big Bend Unit #4	377,928	722,412	344,48
Big Bend GT 4	3,201	7,186	3,98
Big Bend GT's 5-6 (and Unit 1 CCST)	174,385 2,311,891	414,543 2,722,952	240,15 411.06
Total Big Bend Power Station	2,311,691	2,722,952	411,06
Polk Common (Handling)	430,877	535,436	104,55
Polk Unit #1 (Gasifier - GT - HRSG - ST)	149,968	232,963	82,99
Polk Unit #2	0	0	
Polk Unit #3 Polk Unit #4	0	0	
Polk Unit #5	0	0	
Polk 2-5 (4xGT - HRSG - ST)	99,409	202,186	102,77
Total Polk Power Station	680,254	970,585	290,33
MacDill Common	0	3,348	3,34
MacDill Unit 1 and 2	ō	17,653	17,65
MacDill Unit 3 and 4	0	17,653	17,65
MacDill BESS	0	18,428	18,42
Total MacDill Station	0	57,082	57,08
Solar Sites			
Tampa International Solar	36,807	40,893	4,08
Big Bend Solar	213,003	236,966	23,96
Legoland Solar Balm Solar	8,161 725,322	10,303 783,385	2,14 58,06
Bonnie Mine Solar	289,424	345.622	56,19
Grange Hall Solar	431,870	518,692	86,82
Lake Hancock Solar	337,632	408,257	70,62
Lithia Solar	524,578	638,608	114,03
Little Manatee River Solar	536,440	645,580	109,14
Payne Creek Solar Peace Creek Solar	535,696 373,933	653,202 446,832	117,50 72,89
Wimauma Solar	563,840	743,515	179,67
Agrivoltaics Solar	0	6,020	6,02
Alafia Solar	0	432,587	432,58
Big Bend Floating Solar	0	2,220	2,22
Big Bend Solar Phase 2 Brewster Solar	0	75,106 259,621	75,10 259,62
Bull Frog Creek Solar	0	483,898	483,89
Cotton Mouth Ranch Solar	0	504,338	504,33
Durrance Solar	0	563,300	563,30
Eastern PVS+ES Solar	0	4,723	4,72
English Creek Solar	0	447,934 565	447,93
Florida Aquarium Pavilion Solar Future Property 1 Solar	0	505,775	505,77
Future Property 2 Solar	0	505,775	505,77
Jamison Solar	0	521,734	521,73
Juniper Solar	ō	537,349	537,34
Lake Mabel Solar	0	524,568	524,56
Laurel Oaks Solar	0	411,730	411,73
Magnolia Solar Mountain View Solar	0	629,160 364,511	629,16 364,51
Riverside Solar	0	447,377	447,37
Total Solar Sites	4,576,706	12,700,146	8,123,44
Summary of Surviving Assets	8,014,743	17,442,392	9,427,64
Big Bend Unit #1 (CETM)	0	0	
Big Bend Unit #2 (CETM)	0	0	
Big Bend Unit #3 (CETM)	0	0	
City of Tampa	0	0	
Phillips Station	0	0	
Gannon Power Station	0	0	
Summary of Retired Assets	0	0	
Total Dismantlement Accrual	8,014,743	17,442,392	9,427,64

Tampa Electric Company

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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FILED: 07/02/2024

TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

	2023 TEC Provided Estimate	2023 TECO FLEET DECOMMISSIONING STUDY Provided by 1898 Co. (Part of Burns McDonnell) Estimated Project Costs and NET							
Mapping into Study Model	Table	Location	Labor	Material and Equipment	Disposal	Environmental	Total Cost	Scrap Value	Total NET
Agrivoltaics Solar	A-1	Agrivoltaics Solar	46,800	48,600	5,200	26,000	126,600	(38,800)	87,800
Alafia Solar	A-2	Alafia Solar	2,788,100	2,904,100	452,400	2,605,600	8,750,200	(2,115,700)	6,634,500
Balm Solar	Ą-3	Balm Solar	7,869,600	8,197,300	13,000	2,032,200	18,112,100	(7,390,700)	10,721,400
Bayside Unit #1 (3xGT - HSRG - ST)	Ą .	Bayside Unit 1	3,629,000	5,833,000	81,000		9,543,000	(6,200,000)	3,343,000
Bayside Unit #2 (4xGI - HSKG - SI)	4 4	Bayside Unit 2	4,712,000	1 106 000	000'9		12,365,000	(7,354,000)	000,117,4
Bayeide Common	3	Baveide Common	1 519 000	2 439 000	23,000	5 303 000	9334 000	(502,000)	8 742 000
Big Bend GT's 5-6 (and Unit 1 CCST)	¥ 5	Big Bend Unit 1 (for GT 5-6 CCST)	922.000	1.483.000	39,000	2,263,000	3.013,000	(1,571,000)	1.442.000
Big Bend Unit #4	A-5	Big Bend Unit 4	4,125,000	6,630,000	560,000	1,002,000	12,317,000	(4,283,000)	8,034,000
Big Bend GT 4	A-5	Big Bend GT 4	167,000	268,000	7,000		442,000	(358,000)	84,000
Big Bend GT's 5-6 (and Unit 1 CCST)	A-5	Big Bend GT 5-6	4,084,000	6,563,000	89,000		10,736,000	(6,079,000)	4,657,000
Big Bend Common (Handling)	A-5	Big Bend Handling	417,000	670,000	46,000	7,958,000	9,091,000	(267,000)	8,824,000
Big Bend Common (Handling)	Ą.	Big Bend Common	1,746,000	2,809,000	106,000	46,590,000	51,251,000	(460,000)	50,791,000
Big Bend Floating Solar	4 4	Big Bend Floating Solar	43,700	45,500	10,200	100	99,500	(76, 100)	23,400
Big Belld Solar Phase 2	ξ 4	Big Bend Solar Phase 2	712 600	742 300	7,800	142 500	1 605 200	(537,900)	1,067,300
Bonnie Mine Solar	6 4	Bonnie Mine Solar	2 545 900	2.651.900	314.100	1,753,100	7.265.000	(2 211 400)	5.053.600
Brewster Solar	A-10	Brewster Solar	1.972.800	2.054,800	289,600	1,277,300	5.594,500	(1.591.800)	4,002,700
Bull Frog Creek Solar	A-11	Bull Frog Creek Solar	3,552,100	3,700,000	424,800	2,400,100	10,077,000	(2,567,900)	7,509,100
Cotton Mouth Ranch Solar	A-12	Cotton Mouth Ranch Solar	3,586,800	3,736,300	661,400	2,423,600	10,408,100	(2,550,600)	7,857,500
Durrance Solar	A-13	Durrance Solar	4,990,000	5,197,600	611,500	1,369,900	12,169,000	(4,340,200)	7,828,800
Eastern PVS+ES Solar	A-14	Eastern PVS+ES Solar	31,500	32,700	21,200	19,900	105,300	(33,700)	71,600
English Creek Solar	A-15	English Creek Solar	3,592,600	3,742,100	511,300	1,578,300	9,424,300	(2,546,600)	6,877,700
Florida Aquarium Pavilion Solar	A-16	Florida Aquarium Pavillion Solar	4,300	4,400	1,200	2,800	12,700	(5,000)	7,700
Future Property 1 Solar	A-1/	Future Property 1 Solar	3,353,100	3,492,600	200,600	3,155,300	10,501,600	(2,367,300)	8,134,300
Grande Hall Solar	0 0	Grande Hall Solar	4 407 500	4 591 100	612,000	1,125,500	11 086 100	(3,528,000)	7 458 100
Jamison Solar	A-20	Jamison Solar	3.660.500	3.813.000	577.800	3.124.300	11.175.600	(3.500.400)	7.675.200
Juniper Solar	A-21	Juniper Solar	3,331,800	3,470,500	526,400	3,499,700	10,828,400	(2,332,300)	8,496,100
Lake Hancock Solar	A-22	Lake Hancock Solar	3,428,200	3,571,100	420,600	1,341,100	8,761,000	(2,889,500)	5,871,500
Lake Mabel Solar	A-23	Lake Mabel Solar	3,740,300	3,848,500	717,800	2,963,300	11,269,900	(3,121,600)	8,148,300
Laurel Oaks Solar	A-24	Laurel Oaks Solar	2,906,200	3,027,100	440,900	1,931,700	8,305,900	(2,217,600)	6,088,300
Legoland Solar	A-25	Legoland Solar	009'99	69,300	11,600	24,600	172,100	(31,100)	141,000
Lithia Solar	A-26	Lithia Solar	4,971,100	5,178,000	754,500	2,632,900	13,536,500	(4,272,200)	9,264,300
Little Manatee Kiver Solar	A-2/	Little Manatee River	000, 172,6	5,490,600	743,300	2,662,500	14,167,400	(4,602,400)	9,565,000
MacDill Unit 3 and 4	A-28	MacDill Unit 3 and 4	192,000	309,000	33,000		534,000	(287,000)	247.000
MacDill BESS	A-28	MacDill BESS	301,000	247,000	000'6	12,000	569,000	(318,000)	251,000
MacDill Common	A-28	MacDill Common	000'66	160,000	2,000	127,000	388,000	(375,000)	13,000
Magnolia Solar	A-29	Magnolia Solar	3,559,600	3,707,700	533,500	4,350,500	12,151,300	(2,631,500)	9,519,800
Mountain View Solar	A-30	Mountain View Solar	2,533,400	2,638,900	448,400	1,581,300	7,202,000	(1,793,600)	5,408,400
Payne Creek Solar	A-31	Payne Creek Solar	5,011,100	5,219,900	782,100	2,457,400	13,470,500	(4,240,600)	9,229,900
Peace Creek Solar	A-32	Peace Creek Solar	3,811,000	3,969,600	496,000	1,436,800	9,713,400	(3,300,700)	6,412,700
Pok 2-5 (4xGT - HRSG - ST)	A-33	Polk Ullit I CA	3 913 000	6 289 000	4,000		10,206,000	(7 979 000)	2,227,000
Polk Common (Handling)	A-33	Polk Handling	370,000	594,000	58,000		1,022,000	(173,000)	849,000
Polk Common (Handling)	A-33	Polk Common	1,288,000	2,037,000	889,000	7,258,000	11,472,000	(295,000)	11,177,000
Riverside Solar	A-34	Riverside Solar	2,942,400	3,065,000	465,000	2,296,400	8,768,800	(2,092,100)	6,676,700
Tampa International Solar	A-35	Tampa International	366,100	381,400	32,500	32,900	815,900	(296, 100)	519,800
Wimauma Solar	A-36	Wimauma Solar	5,330,600	5,515,900	854,700	3,712,900	15,414,100	(4,267,300)	11,146,800
		Total Estimated Project Costs and NET 126.378.900 148.803.700 15.282.400	126.378.900	148.803.700	15.282.400	126.919.900	417.384.900	126.919.900 417.384.900 (121.664.700) 295.720.200	295.720.200
						of the contract of	0.00		

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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FILED: 07/02/2024

TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

Tampa Electric Company Final Dismantling Study Costs in 2023 Dollars Vendor Cost Estimates

Surviving Assets

PLANT	LABOR	MATERIALS & EQUIPMENT	& DISPOSAL	SALVAGE	TOTAL
Bayside Common	1,519,000	2,439,000	5,376,000	(592,000)	8,742,00
Bayside Unit #1 (3xGT - HSRG - ST)	3,629,000	5,833,000	81,000	(6,200,000)	3,343,00
Bayside Unit #2 (4xGT - HSRG - ST)	4,712,000	7,577,000	76,000	(7,954,000)	4,411,00
Bayside GT's 3-6	688,000	1,106,000	9,000	(1,837,000)	(34,00
Total Bayside Power Station	10,548,000	16,955,000	5,542,000	(16,583,000)	16,462,00
Big Bend Common (Handling)	2,163,000	3,479,000	54,700,000	(727,000)	59,615,00
Big Bend Unit #4	4,125,000	6,630,000	1,562,000	(4,283,000)	8,034,00
Big Bend GT 4	167,000	268.000	7,000	(358,000)	84,00
Big Bend GT's 5-6 (and Unit 1 CCST)	5,006,000	8,046,000	697.000	(7,650,000)	6,099,00
Total Big Bend Power Station	11,461,000	18,423,000	56,966,000	(13,018,000)	73,832,00
Polk Common (Handling)	1,658,000	2,631,000	8,205,000	(468,000)	12,026,00
Polk Unit #1 (Gasifier - GT - HRSG - ST)	2,606,000	4,192,000	54,000	(5,422,000)	1,430,00
Polk Unit #2	0	0	0.,000	0	.,,
Polk Unit #3	0	0	ō	ō	
Polk Unit #4	0	0	0	0	
Polk Unit #5	0	0	0	ő	
Polk 2-5 (4xGT - HRSG - ST)	3.913.000	6.289.000	4.000	(7,979,000)	2,227,00
Total Polk Power Station	8,177,000	13,112,000	8,263,000	(13,869,000)	15,683,00
AccDill Common	00.000	160,000	120,000	(275 000)	13,00
MacDill Common MacDill Unit 1 and 2	99,000 192,000	160,000 309,000	129,000 33,000	(375,000) (287,000)	247,00
MacDill Unit 1 and 2	192,000	309,000	33,000	(287,000)	247,00
MacDill BESS	301,000		21,000		
MacDill BESS Fotal MacDill Station	301,000 784,000	247,000 1,025,000	21,000 216,000	(318,000) (1,267,000)	251.00 758,00
	. 0-1,000	1,020,000	2.0,000	(1,201,000)	. 55,00
iolar Sites ampa International Solar	366,100	381.400	68.400	(296,100)	519,80
ampa international Solar Big Bend Solar	1,628,500	1,688,300	1,004,500	(969,700)	3,351,60
egoland Solar	66,600	69,300	36,200	(31,100)	141,00
Balm Solar	7,869,600	8,197,300	2,045,200	(7,390,700)	10,721,40
Bonnie Mine Solar	2,545,900	2,651,900	2,067,200	(2,211,400)	5,053,60
Grange Hall Solar ake Hancock Solar	4,407,500 3.428,200	4,591,100	2,087,500	(3,628,000)	7,458,10
		3,571,100	1,761,700	(2,889,500)	5,871,50
ithia Solar	4,971,100	5,178,000	3,387,400	(4,272,200)	9,264,30
ittle Manatee River Solar	5,271,000	5,490,600	3,405,800	(4,602,400)	9,565,00
Payne Creek Solar	5,011,100	5,219,900	3,239,500	(4,240,600)	9,229,90
Peace Creek Solar	3,811,000	3,969,600	1,932,800	(3,300,700)	6,412,70
Vimauma Solar	5,330,600	5,515,900	4,567,600	(4,267,300)	11,146,80
Agrivoltaics Solar	46,800	48,600	31,200	(38,800)	87,80
Nafia Solar	2,788,100	2,904,100	3,058,000	(2,115,700)	6,634,50
Big Bend Floating Solar	43,700	45,500	10,300	(76,100)	23,40
Big Bend Solar Phase 2	712,600	742,300	150,300	(537,900)	1,067,30
Brewster Solar	1,972,800	2,054,800	1,566,900	(1,591,800)	4,002,70
Bull Frog Creek Solar	3.552.100	3,700,000	2,824,900	(2,567,900)	7.509.10
Cotton Mouth Ranch Solar	3,586,800	3,736,300	3,085,000	(2,550,600)	7,857,50
Ourrance Solar	4,990,000	5,197,600	1,981,400	(4,340,200)	7,828,80
astern PVS+ES Solar	31,500	32,700	41,100	(33,700)	71,60
inglish Creek Solar	3,592,600	3,742,100	2.089.600	(2.546.600)	6,877,70
lorida Aquarium Pavilion Solar	4,300	4,400	4,000	(5,000)	7,70
uture Property 1 Solar	3,353,100	3,492,600	3,655,900	(2,367,300)	8,134,30
uture Property 1 Solar	3,353,100	3,492,600	3,655,900	(2,367,300)	8,134,30
amison Solar	3,660,500	3,813,000	3,702,100	(3,500,400)	7,675,20
amison Solar uniper Solar	3,660,500	3,813,000	4.026.100		7,675,20 8,496,10
				(2,332,300)	
ake Mabel Solar	3,740,300	3,848,500	3,681,100	(3,121,600)	8,148,30
aurel Oaks Solar	2,906,200	3,027,100	2,372,600	(2,217,600)	6,088,30
Magnolia Solar	3,559,600	3,707,700	4,884,000	(2,631,500)	9,519,80
Mountain View Solar	2,533,400	2,638,900	2,029,700	(1,793,600)	5,408,40
tiverside Solar otal Solar Sites	2,942,400 95,408,900	3,065,000 99,288,700	2,761,400 71,215,300	(2,092,100) (76,927,700)	6,676,70 188,985,20
			142,202,300		
summary of Surviving Assets	126,378,900	148,803,700	, , , , , , ,	(121,664,700)	295,720,20
Big Bend Unit #1 (CETM)	0	0	0	0	
Big Bend Unit #2 (CETM)	0	0	0	0	
Big Bend Unit #3 (CETM)	0	0	0	0	
City of Tampa	0	0	0	0	
Phillips Station	0	0	0	0	
Gannon Power Station	0	0	0	0	
Summary of Retired Assets	0	0	0	0	
iummary of Retired Assets	0	0	0	0	

WITNESS: CHRONISTER

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FILED: 07/02/2024

TAMPA ELECTRIC COMPANY **2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

Tampa Electric Company Final Dismantling Study Costs in 2023 Dollars

Surviving Assets

Contingency Amounts @	15%				
PLANT	LABOR	MATERIALS & EQUIPMENT	& DISPOSAL	(Not applied) SALVAGE	TOTAL
Bayside Common	227,850	365,850	806,400	0	1,400,10
Bayside Unit #1 (3xGT - HSRG - ST)	544,350	874,950	12,150	0	1,431,45
Bayside Unit #2 (4xGT - HSRG - ST)	706,800	1,136,550	11,400	0	1,854,75
Bayside GT's 3-6	103,200	165,900	1,350	0	270,45
Total Bayside Power Station	1,582,200	2,543,250	831,300	ō	4,956,75
Big Bend Common (Handling)	324,450	521,850	8,205,000	0	9,051,30
Big Bend Unit #4	618,750	994,500	234,300	0	1,847,55
Big Bend GT 4	25,050	40,200	1,050	0	66,30
Big Bend GT's 5-6 (and Unit 1 CCST) Total Big Bend Power Station	750,900 1,719,150	1,206,900 2,763,450	104,550 8,544,900	<u>0</u>	2,062,35 13,027,56
Polk Common (Handling) Polk Unit #1 (Gasifier - GT - HRSG - ST)	248,700 390,900	394,650 628,800	1,230,750 8,100	0	1,874,1
Polk Unit #2	0.00,000	020,000	0,100	ő	.,02.,0
Polk Unit #3	0	0	0	0	
Polk Unit #4	ő	o o	0	ő	
Polk Unit #5	0	ō	0	ō	
Polk 2-5 (4xGT - HRSG - ST)	586,950	943,350	600	0	1,530,9
Total Polk Power Station	1,226,550	1,966,800	1,239,450	0	4,432,8
MacDill Common	14,850	24,000	19,350	0	58,2
MacDill Unit 1 and 2	28,800	46,350	4,950	ő	80,1
MacDill Unit 3 and 4	28,800	46,350	4,950	ō	80,1
MacDill BESS	45,150	37,050	3,150	0	85.3
Total MacDill Station	117,600	153,750	32,400	ō	303,7
Solar Sites					
Fampa International Solar	54,915	57,210	10,260	0	122,3
Big Bend Solar	244,275	253,245	150,675	0	648,1
_egoland Solar	9,990	10,395	5,430	0	25,8
Balm Solar	1,180,440	1,229,595	306,780	0	2,716,8
Bonnie Mine Solar	381,885	397,785	310,080	0	1,089,7
Grange Hall Solar	661,125	688,665	313,125	0	1,662,9
_ake Hancock Solar	514,230	535,665	264,255	0	1,314,1
ithia Solar	745,665	776,700	508,110	0	2,030,4
ittle Manatee River Solar	790,650	823,590	510,870	0	2,125,1
Payne Creek Solar	751,665	782,985	485,925	0	2,020,5
Peace Creek Solar	571,650	595,440	289,920	0	1,457,0
Vimauma Solar	799,590	827,385	685,140	0	2,312,1
Agrivoltaics Solar	7,020	7,290	4,680	0	18,9
Alafia Solar	418,215	435,615	458,700	0	1,312,5
Big Bend Floating Solar	6,555	6,825	1,545	0	14,9
Big Bend Solar Phase 2	106,890	111,345	22,545	0	240,7
Brewster Solar	295,920	308,220	235,035	0	839,1
Bull Frog Creek Solar	532,815	555,000	423,735	0	1,511,5
Cotton Mouth Ranch Solar	538,020	560,445	462,750	0	1,561,2
Durrance Solar	748,500	779,640	297,210	0	1,825,3
Eastern PVS+ES Solar	4,725	4,905	6,165	0	15,7
English Creek Solar	538,890	561,315	313,440	0	1,413,6
Florida Aquarium Pavilion Solar	645	660	600	0	1,9
Future Property 1 Solar	502,965	523,890	548,385	0	1,575,2
uture Property 2 Solar	502,965	523,890	548,385	ō	1,575,2
lamison Solar	549,075	571,950	555,315	0	1,676,3
luniper Solar	499,770	520,575	603,915	ō	1,624,2
ake Mabel Solar	561,045	577,275	552,165	ō	1,690,4
aurel Oaks Solar	435,930	454,065	355,890	ő	1,245,8
Magnolia Solar	533,940	556.155	732,600	ō	1,822,6
Mountain View Solar	380,010	395,835	304,455	ō	1,080,3
Riverside Solar	441,360	459,750	414,210	ō	1,315,3
Total Solar Sites	14,311,335	14,893,305	10,682,295	ō	39,886,9
Summary of Surviving Assets	18,956,835	22,320,555	21,330,345	0	62,607,7
Big Bend Unit #1 (CETM)	0	0	0	0	
Big Bend Unit #2 (CETM)	0	0	0	0	
Big Bend Unit #3 (CETM)	0	0	0	0	
	_	0	-	0	
City of Tampa	0	-	0	-	
Phillips Station	0	0	0	0	
Gannon Power Station	0	0	0	0	
Summary of Retired Assets	0	0	0	0	
Total Dismantlement Costs	18,956,835	22,320,555	21,330,345	0	62,607,7

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FILED: 07/02/2024

TAMPA ELECTRIC COMPANY **2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

Tampa Electric Company
Final Dismantling Study Costs
in 2023 Dollars
Estimates with Contingency @ 15%

Estimates with Contingency @	15%		ENVIRONMENTAL		
PLANT	LABOR	MATERIALS & EQUIPMENT		SALVAGE	TOTAL
Bayside Common	1,746,850	2,804,850	6,182,400	(592,000)	10,142,1
Bayside Unit #1 (3xGT - HSRG - ST)	4,173,350	6,707,950	93,150	(6.200.000)	4,774,4
Bayside Unit #2 (4xGT - HSRG - ST)	5,418,800	8,713,550	87,400	(7,954,000)	6,265,7
Bayside GT's 3-6	791,200	1,271,900	10,350	(1,837,000)	236,4
Total Bayside Power Station	12,130,200	19,498,250	6,373,300	(16,583,000)	21,418,7
Big Bend Common (Handling)	2,487,450	4,000,850	62,905,000	(727,000)	68,666,3
Big Bend Unit #4	4,743,750	7,624,500	1,796,300	(4,283,000)	9,881,5
Big Bend GT 4	192,050	308,200	8,050	(358,000)	150,3
Big Bend GT's 5-6 (and Unit 1 CCST)	5,756,900	9,252,900	801,550	(7,650,000)	8,161,3
Total Big Bend Power Station	13,180,150	21,186,450	65,510,900	(13,018,000)	86,859,5
Polk Common (Handling)	1,906,700	3,025,650	9,435,750	(468,000)	13,900,1
Polk Unit #1 (Gasifier - GT - HRSG - ST)	2,996,900	4,820,800	62,100	(5,422,000)	2,457,8
Polk Unit #2	0	0	0	0	, . , .
Polk Unit #3	0	0	0	0	
Polk Unit #4	0	0	0	0	
Polk Unit #5	0	0	0	0	
Polk 2-5 (4xGT - HRSG - ST)	4.499.950	7.232.350	4.600	(7.979.000)	3,757,9
Total Polk Power Station	9,403,550	15,078,800	9,502,450	(13,869,000)	20,115,8
MacDill Common	113,850	184,000	148,350	(375,000)	71,2
MacDill Unit 1 and 2	220,800	355,350	37,950	(287,000)	327,1
MacDill Unit 3 and 4	220,800	355,350	37,950	(287,000)	327,1
MacDill BESS	346,150	284,050	24,150	(318,000)	336.3
Total MacDill Station	901,600	1,178,750	248,400	(1,267,000)	1,061,7
Solar Sites					
Fampa International Solar	421,015	438,610	78,660	(296,100)	642,1
Big Bend Solar	1,872,775	1,941,545	1,155,175	(969,700)	3,999,7
egoland Solar	76,590	79,695	41,630	(31,100)	166.8
Balm Solar	9,050,040	9,426,895	2,351,980	(7,390,700)	13,438,2
Bonnie Mine Solar	2,927,785	3,049,685	2,377,280	(2,211,400)	6,143,3
Grange Hall Solar	5,068,625	5,279,765	2,400,625	(3,628,000)	9,121,0
_ake Hancock Solar	3,942,430	4,106,765	2.025.955	(2,889,500)	7,185,6
ithia Solar	5,716,765	5.954.700	3,895,510	(4.272.200)	11,294,7
Little Manatee River Solar	6,061,650	6,314,190	3,916,670	(4,602,400)	11,690,1
Payne Creek Solar	5.762.765	6.002.885	3,725,425	(4.240.600)	11,250,4
Peace Creek Solar	4,382,650	4,565,040	2.222.720	(3,300,700)	7,869,7
Vimauma Solar	6,130,190	6,343,285	5,252,740	(4,267,300)	13,458,9
Agrivoltaics Solar	53,820	55,890	35,880	(38,800)	106,7
Alafia Solar	3,206,315 50,255	3,339,715 52,325	3,516,700 11.845	(2,115,700) (76,100)	7,947,0 38,3
Big Bend Floating Solar					
Big Bend Solar Phase 2 Brewster Solar	819,490 2,268,720	853,645 2,363,020	172,845 1,801,935	(537,900) (1,591,800)	1,308,0 4,841,8
Bull Frog Creek Solar	4,084,915	4,255,000	3,248,635	(2,567,900)	9,020,6 9,418,7
Cotton Mouth Ranch Solar Durrance Solar	4,124,820	4,296,745	3,547,750	(2,550,600)	
	5,738,500	5,977,240	2,278,610	(4,340,200)	9,654,1
Eastern PVS+ES Solar	36,225	37,605	47,265	(33,700)	87,3
Inglish Creek Solar	4,131,490	4,303,415	2,403,040	(2,546,600)	8,291,3
Florida Aquarium Pavilion Solar	4,945	5,060	4,600	(5,000)	9,6
Future Property 1 Solar	3,856,065	4,016,490	4,204,285	(2,367,300)	9,709,5
Future Property 2 Solar	3,856,065	4,016,490	4,204,285	(2,367,300)	9,709,5
lamison Solar	4,209,575	4,384,950	4,257,415	(3,500,400)	9,351,5
luniper Solar	3,831,570	3,991,075	4,630,015	(2,332,300)	10,120,3
_ake Mabel Solar	4,301,345	4,425,775	4,233,265	(3,121,600)	9,838,7
_aurel Oaks Solar	3,342,130	3,481,165	2,728,490	(2,217,600)	7,334,1
Magnolia Solar	4,093,540	4,263,855	5,616,600	(2,631,500)	11,342,4
Mountain View Solar	2,913,410	3,034,735	2,334,155	(1,793,600)	6,488,7
Riverside Solar	3,383,760	3,524,750	3,175,610	(2,092,100)	7,992,0
Total Solar Sites	109,720,235	114,182,005	81,897,595	(76,927,700)	228,872,1
Summary of Surviving Assets	145,335,735	171,124,255	163,532,645	(121,664,700)	358,327,9
Big Bend Unit #1 (CETM)	0	0	0	0	
Big Bend Unit #2 (CETM)	0	0	0	0	
Big Bend Unit #3 (CETM)	0	0	0	0	
	0	0			
City of Tampa	-	-	0	0	
Phillips Station	0	0	0	0	
Gannon Power Station	0	0	0	0	
Summary of Retired Assets	0	0	0	0	
Total Dismantlement Costs	145,335,735	171,124,255	163,532,645	(121,664,700)	358,327,9

WITNESS: CHRONISTER

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FILED: 07/02/2024

TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

Tampa Electric Company Final Dismantling Study - Reserve Balances As of December 31, 2024 - Projected Post Reserve Transfers

PLANT	LABOR	& EQUIPMENT	& DISPOSAL	SALVAGE	TOTAL
Bayside Common	2.259.252	1,748,943	3.348.086	(1,092,882)	6,263,39
Bayside Common Bayside Unit #1 (3xGT - HSRG - ST)	3,434,947	2,574,305	1,123,869	(3,714,394)	3,418,72
Bayside Unit #2 (4xGT - HSRG - ST)	4.419.173	3,268,289	1,123,007	(4,636,779)	4,173,69
Bayside GT's 3-6	358,271	281,703	81,198	(517,662)	203,51
Total Bayside Power Station	10,471,643	7,873,240	5,676,160	(9,961,717)	14,059,32
Big Bend Common (Handling)	5,787,552	1,760,470	68,096,838	(2,220,764)	73,424,09
Big Bend Unit #4	4.568.844	1,918,086	775,578	(4.831.638)	2,430,87
Big Bend GT 4	92,639	72,260	25,447	(117,353)	72,99
Big Bend GT's 5-6 (and Unit 1 CCST)	545,874	523,668	11,292	(557,679)	523,15
Total Big Bend Power Station	10,994,909	4,274,484	68,909,155	(7,727,434)	76,451,11
Polk Common (Handling)	3,041,701	4,577,925	3,871,877	(3,489,148)	8,002,35
Polk Unit #1 (Gasifier - GT - HRSG - ST)	2,081,105	1,659,517	32,383	(3,109,958)	663,04
Polk Unit #2	0	0	0	0	
Polk Unit #3	0	0	0	0	
Polk Unit #4	0	0	0	0	
Polk Unit #5	0	0	0	0	
Polk 2-5 (4xGT - HRSG - ST)	1.444.012	910,049	7.716	(1.630.810)	730,96
Total Polk Power Station	6,566,818	7,147,491	3,911,976	(8,229,916)	9,396,30
MDill C			0		
MacDill Common MacDill Unit 1 and 2	0	0	0	0	
MacDill Unit 3 and 4	0	0	0	0	
MacDill BESS	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
Total MacDill Station	0	0	0	0	
Solar Sites					
Tampa International Solar	69,312	67,653	11,544	(38,088)	110,42
Big Bend Solar	283,992	276,720	178,107	(99,810)	639,00
Legoland Solar	11,907	11,607	4.296	(3,327)	24.48
		11,007			
Balm Solar	1,355,361	1,319,184	389,367	(887,946)	2,175,96
Bonnie Mine Solar	452,325	439,734	254,514	(278,301)	868,27
Grange Hall Solar	736,098	715,551	264,336	(420,375)	1,295,6
Lake Hancock Solar	571,626	555,696	219,330	(333,756)	1,012,89
ithia Solar	831,024	807.831	425.577	(490,698)	1,573.73
Little Manatee River Solar	862,620	837,537	425,325	(516,162)	1,609,3
Payne Creek Solar	865,464	842,334	402,072	(502.782)	1,607,0
Peace Creek Solar	639,831	621,999	241,629	(381,660)	1,121,79
Wimauma Solar	813,330	789,690	542,112	(453,612)	1,691,52
Agrivoltaics Solar	0	0	0	0	
Alafia Solar	0	0	0	0	
Big Bend Floating Solar	0	0	0	0	
Big Bend Solar Phase 2	0	0	0	0	
	0	0	0	0	
Brewster Solar					
Bull Frog Creek Solar	0	0	0	0	
Cotton Mouth Ranch Solar	0	0	0	0	
Durrance Solar	0	0	0	0	
Eastern PVS+ES Solar	0	0	0	0	
English Creek Solar	0	ő	ő	ő	
Florida Aquarium Pavilion Solar	0	0	0	0	
Future Property 1 Solar	0	0	0	0	
Future Property 2 Solar	0	0	0	0	
Jamison Solar	0	0	0	0	
Juniper Solar	ō	ō	ō	ō	
ake Mabel Solar	0	0	0	0	
Laurel Oaks Solar	0	0	0	0	
Magnolia Solar	0	0	0	0	
Mountain View Solar	0	0	0	0	
Riverside Solar Total Solar Sites	7,492,890	7,285,536	3,358,209	(4,406,517)	13,730,1
Summary of Surviving Assets	35,526,260	26,580,751	81,855,500	(30,325,584)	113,636,92
Big Bend Unit #1 (CETM)	0	0	0	0	
Big Bend Unit #2 (CETM)	0	0	0	0	
Big Bend Unit #3 (CETM)	0	0	0	0	
City of Tampa	0	0	0	0	
Phillips Station	0	0	0	0	
Gannon Power Station	0	0	0	0	
Summary of Retired Assets	0	0	0	0	
	35,526,260	26,580,751	81,855,500	(30,325,584)	

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

Tampa Electric Company
Dismantling Study - Reserve Transfers
As of December 31, 2024 - Projected
Proposed Reserve Transfers

PLANT	LABOR	MATERIALS & EQUIPMENT	& DISPOSAL	SALVAGE	TOTAL
Bayside Common	0	0	0	0	
Bayside Unit #1 (3xGT - HSRG - ST)	0	ō	0	ō	i
Bayside Unit #2 (4xGT - HSRG - ST)	0	0	0	0	(
Bayside GT's 3-6	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	9
Total Bayside Power Station	0	0	0	0	(
Big Bend Common (Handling)	0	0	0	0	(
Big Bend Unit #4	0	0	0	0	(
Big Bend GT 4 Big Bend GT's 5-6 (and Unit 1 CCST)	0 <u>0</u>	0 <u>0</u>	0 <u>0</u>	0 <u>0</u>	
Total Big Bend Power Station	0	0	0	0	Š
Polk Common (Handling)	0	0	0	0	(
Polk Unit #1 (Gasifier - GT - HRSG - ST)	0	0	0	0	(
Polk Unit #2	0	0	0	0	(
Polk Unit #3 Polk Unit #4	0	0	0	0	(
Polk Unit #5	0	0	0	0	Č
Polk 2-5 (4xGT - HRSG - ST)	0	0	0	0	<u>`</u>
Total Polk Power Station	ō	ō	ō	ō	Č
MacDill Common	0	0	0	0	(
MacDill Unit 1 and 2	0	0	0	0	
MacDill Unit 3 and 4	0	0	0	0	(
MacDill BESS Total MacDill Station	0	<u>0</u>	<u>0</u>	0	:
	U	U	U	U	'
Solar Sites Tampa International Solar	0	0	0	0	
Big Bend Solar	ő	0	0	ő	
egoland Solar	0	0	0	0	
Balm Solar	0	0	0	0	
Bonnie Mine Solar	0	0	0	0	
Grange Hall Solar	0	0	0	0	
ake Hancock Solar ithia Solar	0	0	0	0	
itnia Solar Little Manatee River Solar	0	0	0	0	
Pavne Creek Solar	0	0	0	0	
Peace Creek Solar	ō	ō	ō	ō	
Vimauma Solar	0	0	0	0	
Agrivoltaics Solar	0	0	0	0	
Alafia Solar	0	0	0	0	
Big Bend Floating Solar Big Bend Solar Phase 2	0	0	0	0	
Brewster Solar	0	0	0	0	
Bull Frog Creek Solar	ő	ő	ő	ő	
Cotton Mouth Ranch Solar	0	0	0	0	
Ourrance Solar	0	0	0	0	
Eastern PVS+ES Solar	0	0	0	0	
nglish Creek Solar	0	0	0	0	
Torida Aquarium Pavilion Solar Future Property 1 Solar	0	0	0	0	
uture Property 1 Solar	0	0	0	0	
amison Solar	0	0	0	0	
uniper Solar	ő	0	0	ő	
ake Mabel Solar	ō	0	0	ō	
aurel Oaks Solar	0	0	0	0	
Magnolia Solar	0	0	0	0	
Mountain View Solar	0	0	0	0	
tiverside Solar Otal Solar Sites	0	0	0	0	
Summary of Surviving Assets	0	0	0	0	
ig Bend Unit #1 (CETM)	(3,890,354)	(206,984)	(1,204,610)	5,301,948	
ig Bend Unit #2 (CETM)	(3,494,228)	(213,454)	(1,257,895)	4,965,577	
tig Bend Unit #3 (CETM)	(3,762,845)	(89,495)	(1,079,345)	4,931,685	
City of Tampa	0	0	0	0	
Phillips Station	0	0	0	0	
Gannon Power Station	0	0	0	0	
Summary of Retired Assets	(11,147,426)	(509,933)	(3,541,850)	15,199,210	
Administry of Neureu Assets	(11,147,426)	(909,933)	(3,341,830)	13,133,210	
otal Dismantling Reserves	(11,147,426)	(509,933)	(3,541,850)	15,199,210	
July 2.3 and in 19 10 201 10 2	(11,147,420)	(303,333)	(3,341,030)	.5,155,210	

MATERIALS ENVIRONMENTAL

REBUTTAL EXHIBIT NO. JC-3 WITNESS: CHRONISTER

DOCUMENT NO. 2

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FILED: 07/02/2024

TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

Tampa Electric Company Dismantling Study - Reserve Balances As of December 31, 2024 - Projected Before Reserve Transfers

PLANT	LABOR	MATERIALS & EQUIPMENT	& DISPOSAL	SALVAGE	TOTAL
Bayside Common	2,259,252	1,748,943	3,348,086	(1,092,882)	6,263,399
Bayside Unit #1 (3xGT - HSRG - ST)	3,434,947	2,574,305	1,123,869	(3,714,394)	3,418,727
Bayside Unit #2 (4xGT - HSRG - ST)	4,419,173	3,268,289	1,123,007	(4,636,779)	4,173,690
Bayside GT's 3-6	358,271	281,703	81,198	(517,662)	203,510
Total Bayside Power Station	10,471,643	7,873,240	5,676,160	(9,961,717)	14,059,326
Big Bend Common (Handling)	5,787,552	1,760,470	68,096,838	(2,220,764)	73,424,096
Big Bend Unit #4	4,568,844	1,918,086	775,578	(4,831,638)	2,430,870
Big Bend GT 4	92,639	72,260	25,447	(117,353)	72,993
Big Bend GT's 5-6 (and Unit 1 CCST) Total Big Bend Power Station	545,874 10,994,909	523,668 4,274,484	11,292 68,909,155	(557,679) (7,727,434)	<u>523,155</u> 76,451,114
Polk Common (Handling)	3,041,701	4,577,925	3,871,877	(3,489,148)	8,002,355
Polk Unit #1 (Gasifier - GT - HRSG - ST)	2,081,105	1,659,517	32,383	(3,109,958)	663,047
Polk Unit #2	2,001,103	1,000,017	0 0	(5,105,550)	003,047
Polk Unit #3	0	ō	0	0	ő
Polk Unit #4	ō	ō	ō	ō	ō
Polk Unit #5	0	0	0	0	0
Polk 2-5 (4xGT - HRSG - ST)	1,444,012	910,049	7,716	(1,630,810)	730,967
Total Polk Power Station	6,566,818	7,147,491	3,911,976	(8,229,916)	9,396,369
MacDill Common	0	0	0	0	0
MacDill Unit 1 and 2 MacDill Unit 3 and 4	0	0	0	0	0
MacDill Onit 3 and 4 MacDill BESS	0	0	0	<u>0</u>	0
Total MacDill Station	0	0	0	0	0
Solar Sites					
Tampa International Solar	69,312	67,653	11,544	(38,088)	110,421
Big Bend Solar	283,992	276,720	178,107	(99,810)	639,009
Legoland Solar	11,907	11,607	4,296	(3,327)	24,483
Balm Solar	1,355,361	1,319,184	389,367	(887,946)	2,175,966
Bonnie Mine Solar	452,325	439,734	254,514	(278,301)	868,272
Grange Hall Solar	736,098	715,551	264,336	(420,375)	1,295,610
Lake Hancock Solar	571,626	555,696	219,330	(333,756)	1,012,896
Lithia Solar	831,024	807,831	425,577	(490,698)	1,573,734
Little Manatee River Solar	862,620	837,537	425,325	(516,162)	1,609,320
Payne Creek Solar	865,464	842,334	402,072	(502,782)	1,607,088
Peace Creek Solar	639,831	621,999	241,629	(381,660)	1,121,799
Wimauma Solar Agrivoltaics Solar	813,330 0	789,690 0	542,112 0	(453,612) 0	1,691,520 0
Agrivoltaics Solar Alafia Solar	0	0	0	0	0
Big Bend Floating Solar	0	0	0	0	0
Big Bend Solar Phase 2	0	0	0	0	0
Brewster Solar	0	0	0	0	ő
Bull Frog Creek Solar	ō	ō	ō	ō	ō
Cotton Mouth Ranch Solar	0	0	0	0	0
Durrance Solar	0	0	0	0	0
Eastern PVS+ES Solar	0	0	0	0	0
English Creek Solar	0	0	0	0	0
Florida Aquarium Pavilion Solar	0	0	0	0	0
Future Property 1 Solar	0	0	0	0	0
Future Property 2 Solar	0	0	0	0	0
Jamison Solar Juniper Solar	0	0	0	0	0
Juniper Solar Lake Mabel Solar	0	0	0	0	0
Lairel Oaks Solar	0	0	0	0	0
Magnolia Solar	0	0	0	0	ő
Mountain View Solar	0	0	0	0	0
Riverside Solar Total Solar Sites	7,492,890	7,285,536	3,358,209	(4,406,517)	0 13,730,118
Summary of Surviving Assets	35,526,260	26,580,751	81,855,500	(30,325,584)	113,636,927
Big Bend Unit #1 (CETM)	3,890,354	206,984	1,204,610	(5,301,948)	(0
Big Bend Unit #2 (CETM)	3,494,228	213,454	1,257,895	(4,965,577)	0
Big Bend Unit #3 (CETM)	3,762,845	89,495	1,079,345	(4,931,685)	0
City of Tampa	0	0	0	0	0
Phillips Station	0	0	0	0	0
Gannon Power Station	0	0	0	0	0
Summary of Retired Assets	11,147,426	509,933	3,541,850	(15,199,210)	(0)
Total Dismantling Reserves	46,673,686	27,090,684	85,397,350	(45,524,793)	113,636,927

MATERIALS ENVIRONMENTAL

WITNESS: CHRONISTER

DOCUMENT NO. 2

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TAMPA ELECTRIC COMPANY **2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

Tampa Electric Company Summary of Dismantling - CETM Transfer to 182.2 Activity from 1/1/2023 to 12/31/2024 - Projected

PLANT	LABOR	MATERIALS & EQUIPMENT	ENVIRONMENTAL & DISPOSAL	SALVAGE	TOTAL
Bayside Common	0	0	0	0	
Bayside Unit #1 (3xGT - HSRG - ST)	0	0	0	0	
Bayside Unit #2 (4xGT - HSRG - ST)	0	0	0	0	
Bayside GT's 3-6 Fotal Bayside Power Station	0	<u>0</u>	<u>0</u>	0	
ig Bend Common (Handling) ig Bend Unit #4	0	0	0	0	
ig Bend GT 4	ō	0	0	ő	
sig Bend GT's 5-6 (and Unit 1 CCST)	ŏ	<u>0</u>	<u>0</u>	<u>o</u>	
otal Big Bend Power Station	ō	ō	ō	ō	
Polk Common (Handling)	0	0	0	0	
Polk Unit #1 (Gasifier - GT - HRSG - ST)	0	0	0	0	
Polk Unit #2	0	0	0	0	
Polk Unit #3	0	0	0	0	
Polk Unit #4	0	0	0	0	
Polk Unit #5	0	0	0	0	
Polk 2-5 (4xGT - HRSG - ST) Total Polk Power Station	<u>0</u>	<u>0</u> <b>0</b>	<u>0</u>	<u>0</u> <b>0</b>	
MacDill Common	0	0	0	0	
MacDill Unit 1 and 2	0	0	0	0	
MacDill Unit 3 and 4	0	0	0	0	
MacDill BESS	ō	0	0	0	
Total MacDill Station	0	0	0	Ö	
Solar Sites					
Tampa International Solar	0	0	0	0	
Big Bend Solar	0	0	0	0	
egoland Solar	0	0	0	0	
Balm Solar	0	0	0	0	
Bonnie Mine Solar	0	0	0	0	
Grange Hall Solar	0	0	0	0	
ake Hancock Solar	0	0	0	0	
ithia Solar	0	0	0	0	
ittle Manatee River Solar	0	0	0	0	
Payne Creek Solar Peace Creek Solar	0	0	0	0	
Vimauma Solar	0	0	0	0	
Agrivoltaics Solar	0	0	0	0	
Alafia Solar	0	0	0	0	
Big Bend Floating Solar	ō	ő	0	ő	
Big Bend Solar Phase 2	ō	ō	ō	ō	
Brewster Solar	0	0	0	0	
Bull Frog Creek Solar	0	0	0	0	
Cotton Mouth Ranch Solar	0	0	0	0	
Durrance Solar	0	0	0	0	
Eastern PVS+ES Solar	0	0	0	0	
English Creek Solar	0	0	0	0	
Torida Aquarium Pavilion Solar	0	0	0	0	
uture Property 1 Solar	0	0	0	0	
uture Property 2 Solar	0	0	0	0	
lamison Solar	0	0	0	0	
luniper Solar	0	0	0	0	
ake Mabel Solar	0	0	0	0	
aurel Oaks Solar	0	0	0	0	
Magnolia Solar	0	0	0	0	
Mountain View Solar Riverside Solar	0	0	0	0	
Fotal Solar Sites	0	<u>0</u>	<u>0</u>	<u>0</u>	
Summary of Surviving Assets	0	0	0	0	
Big Bend Unit #1 (CETM)	5,411,487	12,395,105	0	(1,431)	17,805,1
Big Bend Unit #2 (CETM)	6,890,097	12,482,169	0	(2,157)	19,370,1
Big Bend Unit #3 (CETM)	5,577,507	17,195,242	0	(1,592)	22,771,1
City of Tampa	0	0	0	0	
Phillips Station	0	0	0	0	
Gannon Power Station	0	0	0	0	
Summary of Retired Assets	17,879,091	42,072,515	0	(5,179)	59,946,4
	42.020.6	40.000 - : -		/F 4F-:	50.04-
otal Dismantling Reserves	17,879,091	42,072,515	0	(5,179)	59,946,4

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FILED: 07/02/2024

TAMPA ELECTRIC COMPANY **2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

Tampa Electric Company Summary of Dismantling - Accruals Activity from 1/1/2023 to 12/31/2024 - Projected

PLANT	LABOR	MATERIALS & EQUIPMENT	& DISPOSAL	SALVAGE	TOTAL
Paunida Common	45.926	70.550	409.228	45 204	541,09
Bayside Common Bayside Unit #1 (3xGT - HSRG - ST)	287,174	70,556 383,092	(129,968)	15,384 (404,360)	135,93
Bayside Unit #1 (3xG1 - H3xG - 31)	379,120	507,450	(130,958)	(540,280)	215,33
Bayside GT's 3-6	63,114	65,422	(3,988)	(125,128)	(58
Total Bayside Power Station	775,334	1,026,520	144,314	(1,054,384)	891,78
sig Bend Common (Handling)	(112,928)	180,634	3,364,866	80.182	3,512,7
sig Bend Unit #4	237.076	421,484	164.120	(66,824)	755.8
Big Bend GT 4	14,846	15,500	(702)	(23,242)	6,40
Big Bend GT's 5-6 (and Unit 1 CCST)	363,916	349,112	7,528	(371,786)	348,77
otal Big Bend Power Station	502,910	966,730	3,535,812	(381,670)	4,623,78
Polk Common (Handling)	12,814	(94,904)		188,296	861,7
Polk Unit #1 (Gasifier - GT - HRSG - ST)	269,876	326,210	7,704	(303,854)	299,9
olk Unit #2 Polk Unit #3	0	0	0	0	
Polk Unit #4	o o	ő	ő	ő	
Polk Unit #5	0	0	0	0	
Polk 2-5 (4xGT - HRSG - ST)  Fotal Polk Power Station	337,596 620,286	343,768 575,074	763,224	(482,518) (598,076)	198,8 1,360,5
	, .	,.			
MacDill Common MacDill Unit 1 and 2	0	0	0	0	
MacDill Unit 3 and 4	0	0	0	ő	
MacDill BESS	0	0	0	0	
Fotal MacDill Station	Ö	Ö	Ö	ō	
Solar Sites					
Tampa International Solar	46,208	45,102	7,696	(25,392)	73,6
Big Bend Solar	189,328	184,480	118,738	(66,540)	426,0
Legoland Solar	7,938	7,738	2,864	(2,218)	16,3
Balm Solar	903,574	879,456	259,578	(591,964)	1,450,6
Bonnie Mine Solar	301,550	293,156	169,676	(185,534)	578,8
Grange Hall Solar Lake Hancock Solar	490,732 381,084	477,034 370,464	176,224 146,220	(280,250) (222,504)	863,7 675,2
Lithia Solar Little Manatee River Solar	554,016 575,080	538,554 558,358	283,718 283,550	(327,132) (344,108)	1,049,1 1,072,8
Payne Creek Solar	576,976	561.556	268,048	(335,188)	1,072,8
Peace Creek Solar	426,554	414,666	161,086	(254,440)	747,8
Wimauma Solar	542,220	526,460	361,408	(302,408)	1,127,6
Agrivoltaics Solar	0	020,100	0	0	.,,.
Alafia Solar	o o	ő	ő	ő	
Big Bend Floating Solar	0	0	0	0	
Big Bend Solar Phase 2	0	0	0	0	
Brewster Solar	0	0	0	0	
Bull Frog Creek Solar	0	0	0	0	
Cotton Mouth Ranch Solar	0	0	0	0	
Durrance Solar	0	0	0	0	
Eastern PVS+ES Solar	0	0	0	0	
English Creek Solar	0	0	0	0	
Florida Aquarium Pavilion Solar	0	0	0	0	
Future Property 1 Solar	0	0	0	0	
Future Property 2 Solar	0	0	0	0	
Jamison Solar Juniper Solar	0	0	0	0	
Juniper Solar Jake Mabel Solar	0	0	0	0	
Laurel Oaks Solar	0	0	0	0	
Magnolia Solar	0	0	0	0	
Mountain View Solar	0	0	0	0	
Riverside Solar	<u>0</u>	<u>0</u>	<u>0</u>	<u>o</u>	
Total Solar Sites	4,995,260	4,857,024	2,238,806	(2,937,678)	9,153,4
Summary of Surviving Assets	6,893,790	7,425,348	6,682,156	(4,971,808)	16,029,4
Big Bend Unit #1 (CETM)	0	0	0	0	
Big Bend Unit #2 (CETM)	0	0	0	0	
Big Bend Unit #3 (CETM)	0	0	0	0	
City of Tampa	0	0	0	0	
	-				
Phillips Station	0	0	0	0	
Gannon Power Station	0	0	0	0	
Summary of Retired Assets	0	0	0	0	
Total Dismantling Reserves	6,893,790	7,425,348	6,682,156	(4,971,808)	16,029,4

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

Tampa Electric Company Summary of Dismantling - Expenditures Activity from 1/1/2023 to 12/31/2024 - Projected

PLANT	LABOR	MATERIALS & EQUIPMENT	ENVIRONMENTAL & DISPOSAL	SALVAGE	TOTAL
Bayside Common	0	0	0	0	
Bayside Common Bayside Unit #1 (3xGT - HSRG - ST)	0	0	0	0	
Bayside Unit #2 (4xGT - HSRG - ST)	ő	0	ő	ő	
Bayside GT's 3-6	ő	ő	Ö	ő	
Total Bayside Power Station	<u>0</u>	Ö	ö	<u>0</u>	
	0	0	0	0	
Big Bend Common (Handling) Big Bend Unit #4	0	0	0	0	
sig Bend GT 4	0	0	0	0	
ig Bend GT's 5-6 (and Unit 1 CCST) otal Big Bend Power Station	<u>0</u> <b>0</b>	<u>0</u> <b>0</b>	<u>0</u> <b>0</b>	<u>0</u> <b>0</b>	
Polk Common (Handling)	0	0	0	0	
Polk Unit #1 (Gasifier - GT - HRSG - ST)	0	0	0	0	
Polk Unit #2	0	0	0	0	
Polk Unit #3	0	0	0	0	
Polk Unit #4	0	0	0	0	
Polk Unit #5	0	0	0	0	
Polk 2-5 (4xGT - HRSG - ST)	0		0	0	
otal Polk Power Station	0	<u>0</u> <b>0</b>	0	<u>0</u>	
lacDill Common	0	0	0	0	
NacDill Unit 1 and 2	0	0	0	0	
MacDill Unit 3 and 4	0	0	0	0	
MacDill BESS			0		
otal MacDill Station	<u>0</u>	<u>0</u>	0	<u>0</u> <b>0</b>	
iolar Sites					
ampa International Solar	0	0	0	0	
ig Bend Solar	0	0	0	0	
egoland Solar	ō	0	0	ō	
Balm Solar	0	0	0	0	
ionnie Mine Solar	ō	ō	ō	Ō	
Grange Hall Solar	ō	0	0	0	
ake Hancock Solar	ō	ō	ō	ō	
ithia Solar	ō	0	0	ō	
ittle Manatee River Solar	ő	0	ő	ő	
ayne Creek Solar	ō	Ö	0	ō	
eace Creek Solar	0	0	0	0	
Vimauma Solar	ō	0	0	ő	
crivoltaics Solar	0	0	0	0	
lafia Solar	0	0	0	0	
ig Bend Floating Solar	0	0	0	0	
ig Bend Solar Phase 2	0	0	0	0	
Brewster Solar	0	0	0	0	
Bull Frog Creek Solar	0	0	0	0	
cotton Mouth Ranch Solar	0	0	0	0	
ottori Moder Karici Solai	0	0	0	0	
astern PVS+ES Solar	0	0	0	0	
astern PVS+ES Solar					
nglish Creek Solar	0	0	0	0	
lorida Aquarium Pavilion Solar	0	0	0	0	
uture Property 1 Solar	0	0	0	0	
uture Property 2 Solar	0	0	0	0	
amison Solar	0	0	0	0	
uniper Solar	0	0	0	0	
ake Mabel Solar	0	0	0	0	
aurel Oaks Solar	0	0	0	0	
lagnolia Solar	0	0	0	0	
fountain View Solar	0	0	0	0	
tiverside Solar otal Solar Sites	0	0	<u>0</u>	0	
ummary of Surviving Assets	0	0	0	0	
		12.191.483	0		47 540 0
ig Bend Unit #1 (CETM)	5,322,589	, , , , , ,	-	(1,407)	17,512,6
ig Bend Unit #2 (CETM)	6,805,982	12,329,784	0	(2,130)	19,133,6
ig Bend Unit #3 (CETM)	5,555,056	17,126,025	0	(1,586)	22,679,4
ity of Tampa	0	0	0	0	
Phillips Station	0	0	0	0	
Sannon Power Station	0	0	0	0	
iummary of Retired Assets	17,683,627	41,647,293	0	(5,123)	59,325,7
Summary of Retired Assets	17,003,027	41,047,293		(3,123)	39,323,

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

Tampa Electric Company Dismantling Study - Reserve Balances As of December 31, 2022 - Actual

Bayside Unit #1 (3xGT - HSRG - ST)	SALVAGE	TOTAL
Bayside Unit #1 (3xGT +HSRG - ST) Bayside Unit #2 (4xGT +HSRG - ST) Bayside (Drit #2 (4xGT +HSRG - ST) Big Bend Common (Handling) Big Bend Common (Handling) Big Bend Chilt #4 4,331,768 1,496,602 611,458 61,496,602 611,458 61,496,602 611,458 61,496,602 611,458 611,4	(4.400.000)	F 700 0
Bayside Unit #2 (4xGT +HSRG - ST)	(1,108,266) (3,310,034)	5,722,3 3,282,7
Bayside GTB 3-6   296,157   216,281   55,186   6   1,579,836   64,731,972   1,579,836   1,496,602   611,458   1,579,836   1,496,602   611,458   1,579,836   1,496,602   611,458   1,496,602   611,458   1,496,602   611,458   1,496,602   611,458   1,496,602   611,458   1,496,602   611,458   1,496,602   611,458   1,496,602   611,458   1,496,602   611,458   1,496,602   611,458   1,496,602   611,458   1,496,602   611,458   611,458   1,496,602   611,458   61	(4,096,499)	3,958,3
Signate   Signature   Signat	(392,534)	204,0
Big Bend CT+4	(8,907,333)	13,167,5
Sig Bend GTA   77,793   56,780   26,149   10,80   20,119   10,80   20,119   10,80   20,119   10,80   20,100   20,110   20,100	(2,300,946)	69,911,3
Sin Band GTS 5-6 (and Unit 1 CCST)   181 988   3.764 566   3.764   10.949 999   3.07,754   65,373,343   10.949 999   3.07,754   65,373,343   10.949 999   3.07,754   65,373,343   10.949 999   3.07,754   65,373,343   10.949   10	(4,764,814)	1,675,0
Total Big Bend Power Station	(94,111)	66,5
Solik Common (Handling)   3,028,887	(185,893)	174,3
Polk Unit #1 (Gasilier - GT - HRSG - ST)         1,811,229         1,333,307         24,679         0           Polk Unit #3         0         0         0         0           Polk Unit #3         0         0         0         0           Polk Unit #4         0         0         0         0           Polk Unit #4         0         0         0         0           Polk 2-5 (AsGT - HRSG - ST)         1,106,416         566,281         7,744         0           MacDill Common         0         0         0         0         0           MacDill Unit 3 and 4         0         0         0         0         0           AlacDill Unit 3 and 4         0         0         0         0         0         0           Cotal MacDill Station         0         0         0         0         0         0         0           Solar Sites         3         0	(7,345,764)	71,827,3
Polk Unit #2         0         0         0           Polk Unit #3         0         0         0           Polk Unit #4         0         0         0           Polk 1: H ST         0         0         0           Polk 1: H ST         0         0         0           Polk 2: F (kkST + HRSG + ST)         1.106.416         566.281         7.2744         (           Grotal Polk Power Station         5,946,532         6,572,417         3,148,752         (           MacDill Common         0         0         0         0         0         0           MacDill Link 1 and 2         0         0         0         0         0         0           JacDill BESS         0         0         0         0         0         0         0           Joral MacDill Station         0	(3,677,444)	7,140,60 363,1
Polk Unit #3         0         0         0           Polk Unit #4         0         0         0           Polk Unit #5         0         0         0           Polk 25 (4x67 + IRSG - ST)         1,106,416         566,281         7,744           Fotal Polk Power Station         5,946,532         6,572,417         3,148,752           GlacDIII Common         0         0         0           AacDIII Lint 3 and 4         0         0         0           AdacDIII BESS         0         0         0           Solar Sites         3map International Solar         23,104         22,551         3,848           8ig Bend Solar         94,664         92,240         59,369           9apoland Solar         3,969         3,669         1,432           slalm Solar         150,775         146,578         84,838           Jama Solar         150,775         146,578         84,839           Jama Solar         150,775         146,578         84,839           Jama Solar         150,775         148,578         73,110           Jama Solar         150,572         146,578         84,838           Jama Solar         150,572         141,859	(2,806,104)	363,1
Polk Unit #4         0         0         0           Polk L916 HS         0         0         0           Polk 2-5 (AsGT - HRSG - ST)         1.106,416         566,281         7,274         4           Crotal Polk Power Station         5,946,532         6,572,417         3,148,752         0           AacDIII Common         0         0         0         0         0           AacDIII Linit 3 and 2         0         0         0         0         0           AacDIII BESS         0         0         0         0         0         0           Golar Sites         ampa International Solar         23,104         22,551         3,848         3,969         3,869         1,432         29,789         3,969         3,869         1,432         21,789         3,969         3,869         1,432         24,789         3,969         3,869         1,432         24,789         3,969         3,869         1,432         24,789         3,969         3,869         1,432         22,789         3,969         3,869         1,432         22,789         3,969         3,869         1,432         22,789         3,969         3,869         1,432         22,789         3,969         3,869         1,42	0	
	0	
Total Polk Power Station	0	
MacDill Common   0	(1,148,292) (7,631,840)	532,14 8,035,8
AlacDill Unit 1 and 2		-,,-
AlacDill Link1 and 4	0	
	0	
Total MacDill Station         0         0           Solar Sites         3         104         22,551         3,848           Jig Bend Solar         94,664         92,240         59,369         19,864         92,240         59,369         1,432         3,869         3,869         1,432         3,818         3,669         3,869         1,432         3,818         1,432         3,818         3,869         1,432         3,818         3,811         3,818         3,818         3,818         3,818         3,818         3,818         3,818         3,818         3,811         3,811         3,818         3,818         3,811         3,811<	<u>o</u>	
Tampa International Solar   23,104   22,551   3,848   3   18   18   18   18   19   14   14   14   14   14   14   14	ō	
sig Bend Solar         94,664         92,240         59,369           egopland Solar         3,969         3,869         1,432           slalm Solar         451,787         439,728         129,789           Jonnie Mine Solar         150,775         146,578         84,838           Frange Hall Solar         245,366         238,517         88,112           Jake Hancock Solar         190,542         185,232         73,110           Lithia Solar         287,540         279,177         141,859           Little Manatee River Solar         287,540         279,177         141,859           Little Manatee River Solar         288,488         280,778         134,024           Pasace Creek Solar         213,277         207,333         80,543           Virnauma Solar         271,110         263,230         180,704           Light Solar         0         0         0         0           Jaig Bend Solar Phase 2         0         0         0         0           Jaig Bend Solar Phase 2         0         0         0         0           Jaigh Ford Solar         0         0         0         0           Jaigh Por Creek Solar         0         0         0		
-egoland Solar         3,969         3,869         1,432           Jallam Solar         451,787         439,728         129,789           Jalam Solar         451,787         148,778         84,838           Jarage Hall Solar         245,366         238,517         84,838           Jarage Hall Solar         190,542         185,232         73,110           Litle Manacock Solar         190,542         185,232         73,110           Litle Manatee River Solar         287,540         279,179         141,775           Zayne Creek Solar         288,488         280,778         134,024           Zayne Creek Solar         213,277         207,333         80,543           Winsauma Solar         271,110         263,230         180,704           Vinsauma Solar         0         0         0         0           Jig Bend Floating Solar         0         0         0         0           Jig Bend Floating Solar         0         0         0         0           Jig Bend Solar Phase 2         0         0         0         0           Jie Bend Solar Phase 2         0         0         0         0           Jie Bend Solar Phase 2         0         0         0 </td <td>(12,696)</td> <td>36,8</td>	(12,696)	36,8
Jalm Solar         451,787         439,728         129,789           Jonnie Mine Solar         150,775         146,578         84,838           Jange Hall Solar         245,366         238,517         88,112           Jake Hancock Solar         190,542         185,232         73,110           Jithia Solar         277,008         269,277         141,859           Lithia Solar         287,540         279,179         141,859           Lithia Roman Enver Solar         288,488         280,778         134,024           Peace Creek Solar         213,277         207,333         80,543           Vimauma Solar         271,110         263,230         180,704           Ajrivoltaics Solar         0         0         0           Jaig Band Floating Solar         0 <td< td=""><td>(33,270)</td><td>213,0 8,1</td></td<>	(33,270)	213,0 8,1
Bonnie Mine Solar	(1,109)	725,3
Strange Hall Solar	(295,982) (92,767)	725,3 289,4
_ake Hancock Solar         190,542         185,232         73,110           _thinis Solar         277,008         269,277         141,859           _ayune Creek Solar         287,540         279,179         141,775           _ayune Creek Solar         288,488         280,778         134,024           _eace Creek Solar         213,277         207,333         80,543           _yimauma Solar         0         0         0           _afis Solar         0         0         0           _afis Solar         0         0         0           _afis Bodd Solar Phase 2         0         0         0           _	(140.125)	431,8
Lithia Solar         277,008         269,277         141,859           Tayline Creek Solar         287,540         279,179         141,175           Payne Creek Solar         288,488         280,778         134,024           Peace Creek Solar         213,277         207,333         80,543           Vimauma Solar         271,110         263,230         180,704           Agrivoltaics Solar         0         0         0           Jag Band Floating Solar         0         0         0           Jig Bend Floating Solar         0         0         0           Juli Frog Creek Solar         0         0         0           Journance Solar         0         0         0           Juli Frog Creek Solar         0         0         0           Juriance Solar         0         0         0           Juriance Solar         0         0         0           Juriance Solar <td>(111.252)</td> <td>337,6</td>	(111.252)	337,6
Little Manatee River Solar         287,540         279,179         141,775           Ayane Creek Solar         288,488         280,778         134,024           Pagne Creek Solar         213,277         207,333         80,543           Wirmauma Solar         271,110         263,230         180,704           Agrivoltaics Solar         0         0         0           Jalfa Solar         0         0         0           Jig Bend Floating Solar         0         0         0           Jig Bend Solar Phase 2         0         0         0           Journal Solar Solar         0         0         0           Journal Solar Solar Solar         0         0         0           Journal Solar	(163,566)	524,5
Payme Creek Solar         288,488         280,778         134,024           Peace Creek Solar         213,277         207,333         80,543           Peace Creek Solar         271,110         263,230         180,704           Alfragrotalaics Solar         0         0         0           Jalfa Solar         0         0         0           Jalfa Solar         0         0         0           Jalg Bend Floating Solar         0         0         0           Jalg Bend Floating Solar         0         0         0           Jalg Bend Floating Solar         0         0         0           Journance Solar         0         0         0 <td>(172,054)</td> <td>536,4</td>	(172,054)	536,4
Peace Creek Solar   213,277   207,333   80,543     Wimauma Solar   271,110   263,230   180,704     Agrivoltaics Solar   0   0   0     Alafa Solar   0   0   0     Big Bend Floating Solar   0   0   0     Big Bend Solar Phase 2   0   0   0     Cotton Mouth Ranch Solar   0   0   0     Cotton Roberty	(167,594)	535,6
Agrivotitosis Solar	(127,220)	373,9
Alafia Solar         0         0         0           Big Bend Floating Solar         0         0         0           Big Bend Floating Solar         0         0         0           Big Bend Solar Phase 2         0         0         0           Bull Frog Creek Solar         0         0         0           Cotton Mouth Ranch Solar         0         0         0           Durrance Solar         0         0         0           Eastern PVS+ES Solar         0         0         0           English Creek Solar         0         0         0           Floridida Aquarium Pavilion Solar         0         0         0           Future Property 1 Solar         0         0         0           Future Property 2 Solar         0         0         0           Jamison Solar         0         0         0           Juniper Solar         0         0         0           Lake Mabel Solar         0         0         0           Juniper Solar         0         0         0           Juarel Cakes Solar         0         0         0           Magnolia Solar         0         0         0	(151,204)	563,8
Big Bend Floating Solar   0 0 0 0   0   0   0   0   0   0   0	0	
Big Bend Solar Phase 2	0	
Description	0	
Bull Frog Creek Solar	0	
Cotton Mouth Ranch Solar         0         0         0           Durrance Solar         0         0         0           Eastern PVS-ES Solar         0         0         0           Florids A Quarium Pavilion Solar         0         0         0           Florids A Quarium Pavilion Solar         0         0         0           Future Property I Solar         0         0         0           Jumiper Solar         0         0         0           Lake Mabel Solar         0         0         0           Laurel Claks Solar         0         0         0           Mountain View Solar         0         0         0           Mountain View Solar         0         0         0           Mountain View Solar         0         0         0           Riverside Solar         0         0         0           Mountain View Solar         0         0         0           Total Solar Sites         2,497,630         2,428,512         1,119,403         (           Summary of Surviving Assets         28,632,470         19,155,403         75,173,344         (2           Big Bend Unit #1 (CETM)         3,801,456         3,363         1,204,610 </td <td>0</td> <td></td>	0	
Durrance Solar         0         0         0           Eastern PVS+ES Solar         0         0         0           English Creek Solar         0         0         0           Findisa Aquarium Pavilion Solar         0         0         0           Future Property 1 Solar         0         0         0           Future Property 2 Solar         0         0         0           Jamison Solar         0         0         0           Jamison Solar         0         0         0           Lake Mabel Solar         0         0         0           Lake Mabel Solar         0         0         0           Magnolia Solar         0         0         0           Mountain View Solar         0         0         0           Riverside Solar         0         0         0           Total Solar Sites         2,497,630         2,428,512         1,119,403           Summary of Surviving Assets         28,632,470         19,155,403         75,173,344         (2           Sig Bend Unit #1 (CETM)         3,801,456         3,363         1,204,610         (8           Big Bend Unit #2 (CETM)         3,410,112         61,069         1,257,895 <td>ō</td> <td></td>	ō	
English Creek Solar    O	0	
Florida Aquarium Pavilino Solar	0	
Future Property 1 Solar  O	0	
Tuture Property 2 Solar Jamison Solar 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	
Jamison Solar	0	
Juniper Solar	0	
_ake Mabel Solar         0         0         0           _aurel Daks Solar         0         0         0         0           _aurel Daks Solar         0         0         0         0         0           _aurel Daks Solar         0         1,119,403         (         0         0         2,428,512         1,119,403         (         1,119,403         (         0         1,119,403         (         0         2,178,344         (         2         3,833         1,204,610         (         3,1204,610         (         1,257,895         (         2         3,363         1,204,610         (         3,316         9,1257,895         (         3,316         1,079,345         (         2         1,079,345         (         2         1,079,345         (	0	
August   A	0	
Magnofile Solar (wounds)         0         2         2428,512         1,119,403         (         75,173,344         (         2         3         1,204,610         1         25,173,344         (         2         3,83         1,204,610         (         3,83         1,204,610         (         3,102,410         (         3,402,610         (         3,257,895         (         3,402,610         (         3,402,789         (         3,257,895         (         3,257,895         (         3,257,895         (         3,257,895         (         3,257,895         (         3,257,895         (         3,257,895         (         3,257,895         (         3,257,895         (         3,257,895         (         3,257,895         (         3,257,895         (	0	
Mountain View Solar   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	
Riverside Solar Total Solar Sites         0 2,497,630         0 2,428,512         0 1,119,403	0	
Total Solar Sites         2,497,630         2,428,512         1,119,403         (           Summary of Surviving Assets         28,632,470         19,155,403         75,173,344         (2           3ig Bend Unit #1 (CETM)         3,801,456         3,363         1,204,610         (           3ig Bend Unit #2 (CETM)         3,410,112         61,069         1,257,895         (           3ig Bend Unit #3 (CETM)         3,740,394         20,278         1,079,345         (           City of Tampa         0         0         0         0           Phillips Station         0         0         0         0           Gannon Power Station         0         0         0         0	<u>0</u>	
Big Bend Unit #1 (CETM) 3,801,456 3,363 1,204,610 ( Big Bend Unit #2 (CETM) 3,410,112 61,069 1,257,895 ( Big Bend Unit #3 (CETM) 3,740,394 20,278 1,079,345 ( City of Tampa 0 0 0 Phillips Station 0 0 0 Gannon Power Station 0 0 0	(1,468,839)	4,576,70
Sig Bend Unit #2 (CETM)     3,410,112     61,069     1,257,895     (       sig Bend Unit #3 (CETM)     3,740,394     20,278     1,079,345     (       Sity of Tampa     0     0     0       Phillips Station     0     0     0       Sannon Power Station     0     0     0	(25,353,776)	97,607,4
Sig Bend Unit #3 (CETM)     3,740,394     20,278     1,079,345     (       City of Tampa     0     0     0       Phillips Station     0     0     0       Sannon Power Station     0     0     0	(5,301,925)	(292,4
Station         0         0         0           Phillips Station         0         0         0           Sannon Power Station         0         0         0	(4,965,550)	(236,4
Phillips Station         0         0         0           Jaannon Power Station         0         0         0	(4,931,679)	(91,6
Phillips Station         0         0         0           Sannon Power Station         0         0         0	0	
Sannon Power Station 0 0 0	0	
	0	
oummary or Retired AssetS 10,951,962 84,711 3,541,850 (1		(000 0
	(15,199,154)	(620,6
Total Dismantling Reserves 39,584,432 19,240,113 78,715,194 (4	(40,552,929)	96,986,8

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

Tampa Electric Company Summary of Dismantling - CETM Transfer to 182.2 Activity from 1/1/2022 to 12/31/2022 - Actual

PLANT	LABOR	MATERIALS & EQUIPMENT	ENVIRONMENTAL & DISPOSAL	SALVAGE	TOTAL
Bayside Common	0	0	0	0	0
Bayside Continon  Bayside Unit #1 (3xGT - HSRG - ST)	0	0	0	0	ő
Bayside Unit #2 (4xGT - HSRG - ST)	0	0	0	0	ō
Bayside GT's 3-6	0	ō	<u>0</u>	ō	
Total Bayside Power Station	ō	<u>0</u>	ō	<u>0</u>	<u>0</u> 0
Big Bend Common (Handling)	0	0	0	0	0
Big Bend Unit #4	0	0	0	0	0
Big Bend GT 4	0	0	0	0	0
Big Bend GT's 5-6 (and Unit 1 CCST)	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Big Bend Power Station	0	0	0	0	0
Polk Common (Handling)	0	0	0	0	0
Polk Unit #1 (Gasifier - GT - HRSG - ST)	0	0	0	0	0
Polk Unit #2	0	0	0	0	0
Polk Unit #3	0	0	0	0	0
Polk Unit #4	0	0	0	0	0
Polk Unit #5	0	0	0	0	0
Polk 2-5 (4xGT - HRSG - ST) Total Polk Power Station	0	0	0	0	0
Solar Sites Tampa International Solar	0	0	0	0	0
Big Bend Solar	0	0	0	0	ő
Legoland Solar	0	0	0	0	ŏ
Balm Solar	0	ő	0	0	ō
Bonnie Mine Solar	ō	ō	ō	ō	ō
Grange Hall Solar	0	0	0	0	0
Lake Hancock Solar	ō	ō	ō	ō	ō
Lithia Solar	0	0	0	0	0
Little Manatee River Solar	0	0	0	0	0
Payne Creek Solar	0	0	0	0	0
Peace Creek Solar	0	0	0	0	0
Wimauma Solar	0	0	0	0	0

Total Solar Sites	0	0	0	0	0
Summary of Surviving Assets	0	0	0	0	0
Big Bend Unit #1 (CETM)	306,913	702,990	0	(81)	1,009,822
Big Bend Unit #2 (CETM)	9,420	17,065	0	(3)	26,482
Big Bend Unit #3 (CETM)	624,332	1,924,791	0	(178)	2,548,944
City of Tampa	0	0	0	0	0
Phillips Station	0	0	0	0	0
Gannon Power Station	0	0	0	0	0
Summary of Retired Assets	940,665	2,644,846	0	(262)	3,585,249
	•				•
Total Dismantling Reserves	940,665	2,644,846	0	(262)	3,585,249

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648 FILED: DECEMBER 27, 2023

Tampa Electric Company Summary of Dismantling - Accruals Activity from 1/1/2022 to 12/31/2022 - Actual

PLANT	LABOR	MATERIALS & EQUIPMENT	ENVIRONMENTAL & DISPOSAL	SALVAGE	TOTAL
Bayside Common	22,963	35,278	204,614	7,692	270,547
Bayside Unit #1 (3xGT - HSRG - ST)	143,587	191,546	(64,984)	(202,180)	67,969
Bayside Unit #2 (4xGT - HSRG - ST)	189,560	253,725	(65,479)	(270,140)	107,666
Bayside GT's 3-6	31,557	32,711	(1,994)	(62,564)	(290)
Total Bayside Power Station	387,667	513,260	72,157	(527,192)	445,892
Big Bend Common (Handling)	(56,464)	90,317	1,682,433	40,091	1,756,377
Big Bend Unit #4	118,538	210,742	82,060	(33,412)	377,928
Big Bend GT 4	7,423	7,750	(351)	(11,621)	3,201
Big Bend GT's 5-6 (and Unit 1 CCST)	181,958	174,556	3,764	(185,893)	174,385
Total Big Bend Power Station	251,455	483,365	1,767,906	(190,835)	2,311,891
Polk Common (Handling)	6,407	(47,452)	377,774	94,148	430,877
Polk Unit #1 (Gasifier - GT - HRSG - ST)	134,938	163,105	3,852	(151,927)	149,968
Polk Unit #2	0	0	0	0	0
Polk Unit #3	0	0	0	0	0
Polk Unit #4	0	0	0	0	0
Polk Unit #5	0	0	0	0	0
Polk 2-5 (4xGT - HRSG - ST)	168,798	171,884	<u>(14)</u>	(241,259)	99,409
Total Polk Power Station	310,143	287,537	381,612	(299,038)	680,254
Solar Sites					
Tampa International Solar	23,104	22,551	3,848	(12,696)	36,807
Big Bend Solar	94,664	92,240	59,369	(33,270)	213,003
Legoland Solar	3,969	3,869	1,432	(1,109)	8,161
Balm Solar	451,787	439,728	129,789	(295,982)	725,322
Bonnie Mine Solar	150,775	146,578	84,838	(92,767)	289,424
Grange Hall Solar	245,366	238,517	88,112	(140,125)	431,870
Lake Hancock Solar	190,542	185,232	73,110	(111,252)	337,632
Lithia Solar	277,008	269,277	141,859	(163,566)	524,578
Little Manatee River Solar	287,540	279,179	141,775	(172,054)	536,440
Payne Creek Solar	288,488	280,778	134,024	(167,594)	535,696
Peace Creek Solar	213,277	207,333	80,543	(127,220)	373,933
Wimauma Solar	271,110	263,230	180,704	(151,204)	563,840

Total Solar Sites	2,497,630	2,428,512	1,119,403	(1,468,839)	4,576,706
Summary of Surviving Assets	3,446,895	3,712,674	3,341,078	(2,485,904)	8,014,743
Big Bend Unit #1 (CETM)	0	0	0	0	0
Big Bend Unit #2 (CETM)	0	0	0	0	0
Big Bend Unit #3 (CETM)	0	0	0	0	0
City of Tampa	0	0	0	0	0
Phillips Station	0	0	0	0	0
Gannon Power Station	0	0	0	0	0
Summary of Retired Assets	0	0	0	0	0
Total Dismantling Reserves	3,446,895	3,712,674	3,341,078	(2,485,904)	8,014,743

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648 FILED: DECEMBER 27, 2023

Tampa Electric Company Summary of Dismantling - Expenditures Activity from 1/1/2022 to 12/31/2022 - Actual

PLANT	LABOR	MATERIALS & FOLIDMENT	ENVIRONMENTAL & DISPOSAL	SALVAGE	TOTAL
Bayside Common	0	0	0	0	0
Bayside Unit #1 (3xGT - HSRG - ST)	0	0	0	0	0
Bayside Unit #2 (4xGT - HSRG - ST) Bayside GT's 3-6	0	0	0	0	0
Total Bayside Power Station	0	0	<u>0</u>	<u>0</u>	0
Total Bayside Fower Station	U	U	U	U	U
Big Bend Common (Handling)	0	0	0	0	0
Big Bend Unit #4	0	0	0	0	0
Big Bend GT 4	0	0	0	0	0
Big Bend GT's 5-6 (and Unit 1 CCST)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Big Bend Power Station	0	0	0	0	0
Polk Common (Handling)	0	0	0	0	0
Polk Unit #1 (Gasifier - GT - HRSG - ST)	0	0	0	0	0
Polk Unit #2	0	0	0	0	0
Polk Unit #3	0	0	0	0	0
Polk Unit #4	0	0	0	0	0
Polk Unit #5	0	0	0	0	0
Polk 2-5 (4xGT - HRSG - ST) Total Polk Power Station	0	0	0	0	0
Solar Sites Tampa International Solar	0	0	0	0	0
Big Bend Solar	0	0	0	0	0
Legoland Solar	0	0	0	0	0
Balm Solar	0	0	0	0	0
Bonnie Mine Solar	0	0	0	0	0
Grange Hall Solar Lake Hancock Solar	0	0	0	0	0
Lake Hancock Solar Lithia Solar	0	0	0	0	0
Little Manatee River Solar	0	0	0	0	0
Payne Creek Solar	0	0	0	0	0
Peace Creek Solar	0	0	0	0	0
Wimauma Solar	0	0	ő	0	ő

Total Solar Sites	0	0	0	0	0
Summary of Surviving Assets	0	0	0	0	0
Big Bend Unit #1 (CETM)	1,324,040	3,032,736	0	(350)	4,356,426
Big Bend Unit #2 (CETM)	1,118,378	2,026,065	0	(350)	3,144,093
Big Bend Unit #3 (CETM)	1,226,487	3,781,212	0	(350)	5,007,348
City of Tampa	0	0	0	0	0
Phillips Station	0	0	0	0	0
Gannon Power Station	0	0	0	0	0
Summary of Retired Assets	3,668,904	8,840,012	0	(1,050)	12,507,867
Total Dismantling Reserves	3,668,904	8,840,012	0	(1,050)	12,507,867

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648 FILED: DECEMBER 27, 2023

Tampa Electric Company Final Dismantling Study - Reserve Balances As of December 31, 2021 Post Reserve Transfers

		MATERIALS	ENVIRONMENTAL		
PLANT	LABOR	& EQUIPMENT	& DISPOSAL	SALVAGE	TOTAL
Bayside Common	2.190.363	1.643.109	2.734.244	(1,115,958)	5.451.758
Bayside Common Bayside Unit #1 (3xGT - HSRG - ST)	3,004,186	1,999,667	1.318.821	(3,107,854)	3,214,820
Bayside Unit #2 (4xGT - HSRG - ST)	3,850,493	2,507,114	1,319,444	(3.826.359)	3,850,692
Bayside GT's 3-6	263,600	183,570	87,180	(329,970)	204,380
Total Bayside Power Station	9,308,642	6.333.460	5,459,689	(8,380,141)	12.721.650
Total Bayside Fower Station	9,300,042	0,333,400	3,439,669	(0,300,141)	12,721,030
Big Bend Common (Handling)	5.956.944	1,489,519	63.049.539	(2.341.037)	68.154.965
Big Bend Unit #4	4,213,230	1,285,860	529,398	(4,731,402)	1,297,086
Big Bend GT 4	70.370	49.010	26,500	(82,490)	63,390
Big Bend GT's 5-6 (and Unit 1 CCST)	0	0	0	0	0
Total Big Bend Power Station	10,240,544	2,824,389	63,605,437	(7,154,929)	69,515,441
Polk Common (Handling)	3,022,480	4.720.281	2.738.555	(3,771,592)	6,709,724
Polk Unit #1 (Gasifier - GT - HRSG - ST)	1,676,291	1,170,202	20,827	(2,654,177)	213,143
Polk Unit #2	1,070,231	1,170,202	20,027	(2,004,177)	213,143
Polk Unit #3	ō	0	0	0	ő
Polk Unit #4	0	0	0	0	ő
Polk Unit #5	0	0	0	0	ő
Polk 2-5 (4xGT - HRSG - ST)	937.618	394.397	7.758	(907.033)	432,740
Total Polk Power Station	5,636,389	6.284.880	2,767,140	(7,332,802)	7,355,607
Solar Sites					
Tampa International Solar	0	0	0	0	0
Big Bend Solar	0	0	0	0	0
Legoland Solar Balm Solar	0	0	0	0	
Bonnie Mine Solar	0	0	0	0	0
			0		0
Grange Hall Solar Lake Hancock Solar	0	0	0	0	0
Lake Hancock Solar Lithia Solar	0	0	0	0	0
Little Manatee River Solar	0	0	0	0	0
Pavne Creek Solar	0	0	0	0	0
Payne Creek Solar Peace Creek Solar	0	0	0	0	0
Wimauma Solar	0	0	0	0	0
williauna 30lar	0	0	0	U	U

Total Solar Sites	0	0	0	0	0
Summary of Surviving Assets	25,185,575	15,442,729	71,832,266	(22,867,872)	89,592,698
Big Bend Unit #1 (CETM)	4,818,583	2,333,109	1,204,610	(5,302,194)	3,054,108
Big Bend Unit #2 (CETM)	4,519,071	2,070,069	1,257,895	(4,965,898)	2,881,137
Big Bend Unit #3 (CETM)	4,342,549	1,876,699	1,079,345	(4,931,851)	2,366,742
City of Tampa	0	0	0	0	0
Phillips Station	0	0	0	0	0
Gannon Power Station	0	0	0	0	0
Summary of Retired Assets	13,680,202	6,279,877	3,541,850	(15,199,942)	8,301,987
Total Dismantling Reserves	38,865,776	21,722,606	75,374,116	(38,067,813)	97,894,685

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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FILED: 07/02/2024

TAMPA ELECTRIC COMPANY **2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

Moody's Analytics
September 2023
NOTE: Annual data, along with Annual % change and AAGR are calculated beneath the monthly data on this spreadsheet.

Black = actual historical data Green = Moody's historical estimate

1		-	Plant Acc	ty. US85	1	Plant Ac	ctg. Uses	no Hooger
		++			<b> </b>		Line Clearar Compensation Per	ice Usages
Concept:			Deflator (2012=100)	Annualized % change	Intermediate Goods, Producer Prices (1982=100)	Annualized % change	Hour , Productivity and Costs (2012=100)	Annualized % change
Geography:			U.S.	U.S.	U.S.	U.S.	U.S.	U.S.
ast Historical:			06/30/23	06/30/23	06/30/23	06/30/23	06/30/23	06/30/23
cst Model Names=>	Year	Month	GDPCPD_ldx	GDPCPD_Pct	USIntmGdsPP_Idx	USIntmGdsPP_Pct	USCompPHr_Prod Costs Idx	USCompPHr_Pr Costs Pct
A	nnual Averag	jes	04.00	5.40	05.00	0.50	40.00	
	1970 1971		21.66 22.76	5.16 4.76	35.39 36.74	3.53 4.24	12.28 13.02	6.04 5.92
	1972		23.75	4.22	38.25	6.00	13.87	7.58
	1973		25.05	6.99	42.38	14.43	14.93	7.85
	1974		27.29	11.08	52.48	30.47	16.34	11.31
	1975 1976		29.83 31.47	6.86 5.30	58.00 60.95	2.59 6.12	18.04 19.45	8.38 8.33
	1977		33.42	6.37	64.94	6.11	21.04	8.02
	1978		35.78	7.66	69.46	8.75	22.83	9.13
	1979		38.74	8.51	78.37	16.08	25.03	9.99
	1980 1981		42.25 46.24	10.11 7.90	90.31 98.59	12.64 6.08	27.72 30.37	11.16 8.29
	1981		49.10	7.90 5.05	99.98	0.13	32.59	6.11
	1983		51.02	3.39	100.62	1.86	34.03	3.82
	1984		52.86	3.57	103.10	1.31	35.50	4.46
	1985		54.53	2.68	102.65	-0.24	37.23	5.93
	1986 1987		55.64 57.01	1.95 2.86	99.11 101.54	-4.08	39.37 40.85	4.96 3.74
	1987		59.02	4.02	107.06	5.40 5.48	40.85 42.95	4.61
	1989		61.33	3.54	112.01	2.70	44.20	3.54
	1990		63.64	3.90	114.43	4.63	46.85	5.60
	1991		65.78	2.89	114.43	-2.38	49.07	5.95
	1992 1993		67.28	2.30	114.66	1.02	52.12	4.26 0.99
	1993		68.87 70.34	2.26 2.10	116.23 118.52	0.99 4.59	52.75 53.27	1.41
	1995		71.82	1.96	124.93	3.31	54.59	2.89
	1996		73.13	1.76	125.74	0.86	56.47	3.36
	1997		74.40	1.55	125.66	-0.77	58.66	5.33
	1998		75.22	1.02	123.02	-3.25	62.06	5.07
	1999 2000		76.27 78.02	1.79 2.44	123.17 129.17	3.77 4.48	64.93 69.49	6.12 5.81
	2001		79.81	1.89	129.69	-3.77	72.51	3.49
	2002		81.01	1.82	127.79	3.18	74.17	1.97
	2003		82.64	2.05	133.71	4.66	76.93	5.33
	2004		84.84	3.04	142.59	9.55	80.43	4.27
	2005 2006		87.49 90.21	3.23 2.76	153.93 163.86	9.53 3.20	83.37 86.59	3.61 4.43
	2006		92.65	2.48	170.34	7.86	90.18	3.47
	2008		94.40	1.60	187.96	2.41	92.95	2.51
	2009		95.02	0.40	172.50	3.72	94.15	2.21
	2010 2011		96.16	1.75	183.48	6.77	95.76	2.16
2012=100	2011		98.16 100.00	1.86 2.06	199.84 200.73	6.22 0.68	97.75 100.16	0.02 5.64
	2013		101.77	1.82	200.83	0.31	101.32	0.75
	2014		103.66	1.32	201.90	-2.44	104.11	2.77
	2015		104.66	0.78	187.93	-6.34	107.35	2.11
	2016 2017		105.70 107.74	1.77 2.03	182.47 191.02	2.26 5.17	108.66 112.62	2.49 4.23
	2018		110.34	2.23	201.21	3.41	116.50	2.83
	2019		112.30	1.69	198.45	-1.89	120.87	3.94
	2020		113.82	1.71	192.88	2.43	130.67	10.71
actual as biotosical actionate	2021 2022		118.93 127.23	6.44 6.17	230.29 268.19	25.70	136.72 142.68	4.67 2.57
actual or historical estimate forecast	2022		131.90	2.60	258.00	7.13 -2.72	147.35	4.17
	2024		134.69	1.87	260.67	1.20	152.10	2.50
	2025		137.40	2.05	261.56	0.26	155.38	2.02
	2026 2027		140.05	1.86 1.86	264.57	1.97 2.35	158.56 162.26	2.15 2.40
	2027		142.63 145.35	1.86	270.62 277.30	2.59	166.32	2.40
	2029		148.15	1.90	284.38	2.53	170.67	2.57
	2030		150.93	1.87	291.64	2.54	174.97	2.50
	2031		153.75	1.86	298.75	2.35	179.25	2.39
	2032 2033		156.58 159.48	1.83 1.87	305.67 312.60	2.29 2.30	183.54 187.85	2.37
	2034		162.50	1.92	320.16	2.49	192.18	2.32
	2035		165.68	1.98	328.15	2.49	196.68	2.35
	2036		168.98	2.00	336.47	2.59	201.39	2.43
	2037		172.40	2.04	345.42	2.71	206.39	2.53
	2038 2039		175.95 179.65	2.08 2.13	354.84 364.75	2.74 2.84	211.70 217.32	2.61 2.70
	2039		183.49	2.13	375.57	3.08	217.32	2.70
	2041		187.39	2.12	387.45	3.22	229.53	2.78
	2042		191.38	2.14	399.99	3.25	235.91	2.79
	2043		195.50	2.16	412.96	3.23	242.56	2.83
	2044		199.78	2.20	426.21	3.18	249.42	2.85
	2045 2046		204.15 208.56	2.17 2.16	439.59 453.02	3.10 3.04	256.60 264.06	2.90 2.91
	2047		213.07	2.16	466.83	3.06	271.81	2.95
	2048		217.70	2.18	481.16	3.08	279.97	3.05
	2049		222.44	2.19	495.96	3.08	288.65	3.14
	2050 2051		227.32 232.33	2.20 2.20	511.31 527.28	3.11 3.13	297.86 307.57	3.23 3.26
						3.13	307.57	3.26
	2052		237.44	2.20	543.87	3.15	317.60	3.26

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TAMPA ELECTRIC COMPANY **2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

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Moody's Analytics
September 2023
NOTE: Annual data, along with Annual % change and AAGR are calculated beneath the monthly data on this spreadsheet.

Black = actual historical data Green = Moody's historical estimate

			Plant Acc	tg. Uses		Plant Ac	ctg. Uses	
	<u> </u>	<u> </u>					Line Clearar	nce Usages
Concept:			GDP Chain Price Deflator (2012=100)	Annualized % change	Intermediate Goods, Producer Prices (1982=100)	Annualized % change	Compensation Per Hour , Productivity and Costs (2012=100)	Annualized % change
Geography:			U.S.	U.S.	U.S.	U.S.	U.S.	U.S.
ast Historical:	-		06/30/23	06/30/23	06/30/23	06/30/23	06/30/23 USCompPHr Prod	06/30/23
cst Model Names=>	Year	Month	GDPCPD_ldx	GDPCPD_Pct	USIntmGdsPP_Idx	USIntmGdsPP_Pct	Costs_ldx	Costs_Pct
	Annual % Char	nge	5.40/	7.00/	0.007	00.00/	0.40/	0.00/
	1971 1972		5.1% 4.3%	-7.9% -11.3%	3.8% 4.1%	20.2% 41.4%	6.1% 6.5%	-2.0% 28.2%
	1973		5.5%	65.7%	10.8%	140.5%	7.6%	3.5%
	1974		9.0%	58.4%	23.8%	111.2%	9.5%	44.0%
	1975		9.3%	-38.0%	10.5%	-91.5%	10.4%	-25.9%
	1976 1977		5.5% 6.2%	-22.8% 20.2%	5.1% 6.5%	136.7% -0.2%	7.8% 8.2%	-0.7% -3.7%
	1978		7.0%	20.4%	7.0%	43.2%	8.6%	13.8%
	1979		8.3%	11.0%	12.8%	83.9%	9.6%	9.4%
	1980		9.1%	18.9%	15.2%	-21.4%	10.7%	11.8%
	1981 1982		9.4% 6.2%	-21.9% -36.1%	9.2% 1.4%	-51.9% -97.9%	9.6% 7.3%	-25.8% -26.3%
	1983		3.9%	-32.8%	0.6%	1337.6%	4.4%	-26.3%
	1984		3.6%	5.3%	2.5%	-29.7%	4.3%	16.6%
	1985		3.2%	-25.0%	-0.4%	-118.3%	4.9%	33.0%
	1986		2.0%	-27.0%	-3.5%	1600.1%	5.8%	-16.3%
	1987 1988		2.5% 3.5%	46.6% 40.3%	2.5% 5.4%	-232.5% 1.3%	3.8% 5.1%	-24.6% 23.2%
	1988		3.5%	40.3% -11.9%	5.4% 4.6%	-50.7%	2.9%	-23.2%
	1990		3.8%	10.3%	2.2%	71.7%	6.0%	58.3%
	1991		3.4%	-26.1%	0.0%	-151.5%	4.7%	6.2%
	1992		2.3%	-20.4%	0.2%	-142.6%	6.2%	-28.4%
	1993 1994		2.4%	-1.6% -7.2%	1.4%	-2.7% 365.2%	1.2%	-76.9% 43.5%
	1995		2.1%	-6.4%	5.4%	-28.0%	2.5%	104.4%
	1996		1.8%	-10.4%	0.6%	-74.0%	3.4%	16.2%
	1997		1.7%	-12.1%	-0.1%	-189.2%	3.9%	58.7%
	1998 1999		1.1% 1.4%	-33.9% 75.4%	-2.1% 0.1%	323.9% -216.0%	5.8% 4.6%	-5.0% 20.8%
	1999 2000		1.4%	75.4% 35.8%	4.9%	-216.0% 18.9%	4.6% 7.0%	20.8% -5.2%
	2001		2.3%	-22.4%	0.4%	-184.1%	4.3%	-39.9%
	2002		1.5%	-3.7%	-1.5%	-184.5%	2.3%	-43.6%
	2003		2.0%	12.3%	4.6%	46.5%	3.7%	170.6%
	2004 2005		2.7% 3.1%	48.5% 6.3%	6.6% 8.0%	104.9% -0.3%	4.6% 3.6%	-20.0% -15.3%
	2006		3.1%	-14.4%	6.4%	-66.4%	3.9%	22.6%
	2007		2.7%	-10.1%	4.0%	145.3%	4.2%	-21.6%
	2008		1.9%	-35.6%	10.3%	-69.3%	3.1%	-27.8%
	2009		0.7%	-74.7%	-8.2%	54.3%	1.3%	-11.7%
	2010		1.2%	333.1%	6.4%	81.8%	1.7%	-2.5%
	2011 2012		2.1% 1.9%	6.1% 11.0%	8.9% 0.4%	-8.0% -89.1%	2.1% 2.5%	-99.1% 28227.2%
	2012		1.8%	-11.8%	0.0%	-54.0%	1.2%	-86.7%
	2014		1.9%	-27.2%	0.5%	-880.3%	2.8%	268.5%
	2015		1.0%	-40.9%	-6.9%	159.5%	3.1%	-23.6%
	2016 2017		1.0% 1.9%	126.1% 14.7%	-2.9% 4.7%	-135.7% 128.4%	1.2% 3.6%	17.6% 70.1%
	2017		2.4%	9.8%	5.3%	-34.0%	3.6%	-33.2%
	2019		1.8%	-24.2%	-1.4%	-155.3%	3.8%	39.6%
	2020		1.3%	1.5%	-2.8%	-228.8%	8.1%	171.6%
	2021		4.5%	275.6%	19.4%	957.8%	4.6%	-56.4%
actual or historical estimate forecast	2022		7.0%	-4.2% -57.9%	16.5% -3.8%	-72.2% -138.2%	4.4%	-45.0% 62.3%
IOIECASI	2023		2.1%	-28.1%	1.0%	-144.1%	3.2%	-40.1%
	2025		2.0%	9.7%	0.3%	-78.5%	2.2%	-19.3%
	2026		1.9%	-9.2%	1.1%	663.3%	2.0%	6.4%
	2027		1.8%	0.1%	2.3%	19.1%	2.3%	11.9%
	2028 2029		1.9% 1.9%	3.7% -1.4%	2.5% 2.6%	10.5% -2.4%	2.5% 2.6%	8.8% -1.6%
	2030		1.9%	-2.0%	2.6%	0.2%	2.5%	-2.6%
	2031		1.9%	-0.3%	2.4%	-7.3%	2.4%	-4.4%
	2032		1.8%	-1.6%	2.3%	-2.4%	2.4%	-0.9%
	2033 2034		1.9% 1.9%	2.2%	2.3%	0.1% 8.6%	2.3%	-1.8% -0.1%
	2034		2.0%	2.5%	2.4%	0.0%	2.3%	1.3%
	2036		2.0%	1.5%	2.5%	3.8%	2.4%	3.2%
	2037		2.0%	1.8%	2.7%	4.6%	2.5%	4.2%
	2038		2.1%	1.9%	2.7%	1.3%	2.6%	3.0%
	2039 2040		2.1% 2.1%	2.4%	2.8%	3.6% 8.3%	2.7%	3.7%
	2040 2041		2.1%	0.2% -0.6%	3.0%	8.3% 4.5%	2.8%	-0.2%
	2041		2.1%	1.0%	3.2%	1.0%	2.8%	0.6%
	2043		2.2%	1.0%	3.2%	-0.5%	2.8%	1.1%
	2044		2.2%	1.7%	3.2%	-1.4%	2.8%	0.7%
	2045		2.2%	-1.4%	3.1%	-2.7%	2.9%	1.9%
	2046 2047		2.2%	-0.4% 0.1%	3.1% 3.0%	-2.0% 0.8%	2.9%	0.4% 1.3%
	2047		2.2%	0.1%	3.0%	0.8%	2.9%	3.5%
	2049		2.2%	0.4%	3.1%	0.1%	3.1%	2.8%
	2050		2.2%	0.5%	3.1%	0.9%	3.2%	3.0%
	2051		2.2%	0.4%	3.1%	0.9%	3.3%	0.9%
	2052		2.2%	-0.3%	3.1%	0.6%	3.3%	-0.2%

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY

**EXHIBIT 3** 

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	•	lation Foreca Escalators Per Hour, Prod Costs			•	tion Forecast Escalators Goods, Produ (1982=100)		Мо	Moody's Inflation Forecast - Dis Escalators GDP Chain Price Deflator (2012=100)		•
Year	Annual Rate of Change	Compound Multiplier to 2025	Compound Multiplier from 2025	Year	Annual Rate of Change	Compound Multiplier to 2025	Compound Multiplier from 2025	Year	Annual Rate of Change	Compound Multiplier to 2025	Compound Multiplier from 2025
2023		1.000		2023		1.000		2023		1.000	
2024	3.22%	1.032		2024	1.03%	1.010		2024	2.12%	1.021	
2025 2026	2.16% 2.05%	1.055	1.000 1.020	2025 2026	0.34% 1.15%	1.014	1.000 1.011	2025 2026	2.01% 1.93%	1.042	1.000 1.019
2027	2.33%		1.044	2020	2.29%		1.035	2020	1.84%		1.038
2028	2.50%		1.070	2028	2.47%		1.060	2028	1.90%		1.058
2029	2.62%		1.098	2029	2.56%		1.087	2029	1.93%		1.078
2030	2.52%		1.126	2030	2.55%		1.115	2030	1.87%		1.099
2031	2.45%		1.154	2031	2.44%		1.142	2031	1.87%		1.119
2032	2.39%		1.181	2032	2.32%		1.169	2032	1.84%		1.140
2033 2034	2.35% 2.30%		1.209 1.237	2033 2034	2.27% 2.42%		1.195 1.224	2033 2034	1.85% 1.89%		1.161 1.183
2035	2.34%		1.266	2034	2.50%		1.255	2034	1.95%		1.206
2036	2.39%		1.296	2036	2.54%		1.286	2036	1.99%		1.230
2037	2.48%		1.328	2037	2.66%		1.321	2037	2.02%		1.255
2038	2.57%		1.362	2038	2.73%		1.357	2038	2.06%		1.281
2039	2.66%		1.399	2039	2.79%		1.394	2039	2.11%		1.308
2040 2041	2.76%		1.437 1.477	2040 2041	2.97%		1.436 1.481	2040 2041	2.14%		1.336 1.364
2041	2.78%		1.477	2041	3.16%		1.481	2041			1.364
2042	2.82%		1.561	2042	3.24%		1.579	2042			1.423
2044	2.83%		1.605	2044	3.21%		1.629	2044	2.19%		1.454
2045	2.88%		1.651	2045	3.14%		1.681	2045	2.19%		1.486
2046	2.91%		1.699	2046	3.06%		1.732	2046	2.16%		1.518
2047	2.93%		1.749	2047	3.05%		1.785	2047	2.16%		1.551
2048	3.00%		1.802	2048	3.07%		1.840	2048	2.17%		1.584
2049 2050	3.10% 3.19%		1.858 1.917	2049 2050	3.08%		1.896 1.955	2049 2050	2.18% 2.19%		1.619 1.655
2051	3.26%		1.979	2050	3.12%		2.016	2050	2.20%		1.691
2052	3.26%		2.044	2052	3.15%		2.079	2052			1.728
2053	3.25%		2.110	2053	3.15%		2.145	2053	2.18%		1.766
2054	3.25%		2.179	2054	3.15%		2.212	2054	2.18%		1.804
2055	3.25%		2.250	2055	3.15%		2.282	2055	2.18%		1.844
2056 2057	3.25% 3.25%		2.323 2.398	2056 2057	3.15% 3.15%		2.354 2.428	2056 2057	2.18% 2.18%		1.884 1.925
2057	3.25%		2.396	2057	3.15%		2.504	2057	2.18%		1.967
2059	3.25%		2.556	2059	3.15%		2.583	2059	2.18%		2.010
2060	3.25%		2.639	2060	3.15%		2.664	2060			2.054
2061	3.25%		2.725	2061	3.15%		2.748	2061	2.18%		2.099
2062	3.25%		2.813	2062	3.15%		2.834	2062	2.18%		2.145
2063	3.25%		2.905	2063	3.15%		2.923	2063	2.18%		2.192
2064 2065	3.25% 3.25%		2.999 3.096	2064 2065	3.15% 3.15%		3.015 3.110	2064 2065	2.18% 2.18%		2.239 2.288
2065	3.25%		3.197	2065	3.15%		3.208	2065	2.18%		2.338
2067	3.25%		3.301	2067	3.15%		3.309	2067	2.18%		2.389
2068	3.25%		3.408	2068	3.15%		3.413	2068	2.18%		2.441
2069	3.25%		3.519	2069	3.15%		3.520	2069	2.18%		2.495
2070	3.25%		3.633	2070	3.15%		3.631	2070	2.18%		2.549
2071	3.25%		3.751	2071	3.15%		3.745	2071	2.18%		2.605
2072 2073	3.25% 3.25%		3.873 3.998	2072 2073	3.15% 3.15%		3.863 3.984	2072 2073	2.18% 2.18%		2.662 2.720
2073	3.25%		4.128	2073	3.15%		4.110	2073	2.18%		2.779
2075	3.25%		4.262	2075	3.15%		4.239	2075	2.18%		2.840
2076	3.25%		4.400	2076	3.15%		4.372	2076	2.18%		2.902
2077	3.25%		4.543	2077	3.15%		4.510	2077	2.18%		2.965
2078	3.25%		4.691	2078	3.15%		4.652	2078	2.18%		3.030
2079	3.25%		4.843	2079	3.15%		4.798	2079	2.18%		3.096
2080	3.25% 3.25%		5.000	2080 2081	3.15%		4.949	2080 2081	2.18%		3.164
2081 2082	3.25%		5.163 5.330	2081	3.15% 3.15%		5.105 5.265	2081	2.18% 2.18%		3.233 3.303
2083	3.25%		5.503	2082	3.15%		5.431	2082	2.18%		3.375
_000	3.20,0		0.000		5		0.101		2		0.0.0

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

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# TAMPA ELECTRIC COMPANY PROJECTED FUTURE DOLLAR DISMANTLEMENT COST BY PLANT

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Bayside Common	2023	2049	Labor	1,746,850	1.055	1,842,074	2050	1.917	3,531,157
-			Materials & Eq	2,804,850	1.014	2,843,570		1.955	5,558,630
			Disposal	6,182,400	1.042	6,440,087		1.655	10,655,157
			Salvage	(592,000)	1.014	(600,172)		1.955	(1,173,221)
				10.142.100		10.525.558			18.571.723

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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# TAMPA ELECTRIC COMPANY COMPUTATION OF ANNUAL ACCRUAL

E	Bayside Common Year of Study	<u>Total</u> 2025	Labor	Mat & Eq	<u>Disposal</u>	Salvage	
	Capital Recovery Year	2025					
	Cost @ Study Year 2025	10,525,558	1,842,074	2,843,570	6,440,087	(600,172)	
	Total Future Exp	18,571,723	3,531,157	5,558,630	10,655,157	(1,173,221)	
	Amount To Accrue	12,308,324	1,271,905	3,809,687	7,307,071	(80,339)	
	PV of Amount to Accrue	6,987,758	663,506	1,948,882	4,416,469	(41,098)	
	Capital Recovery Years	24	000,000	1,010,002	1,110,100	(11,000)	
	Compound Average Growth	2.39%	2.75%	2.83%	2.12%	2.83%	
	First Year 2025 Accrual	385,440	38,124	113,007	236,692	(2,383)	
0	Reserve @ 12/31/2024	6,263,399	2,259,252	1,748,943	3,348,086	(1,092,882)	4-yr Avg
1	2025	385,440	38,124	113,007	236,692	(2,383)	
2	2026	394,639	39,172	116,208	241,710	(2,451)	
3	2027	404,062	40,249	119,499	246,835	(2,520)	
4	2028	413,715	41,355	122,883	252,068	(2,591)	399,464
5	2029	423,603	42,492	126,364	257,412	(2,665)	
6	2030	433,731	43,660	129,943	262,869	(2,740)	
7	2031	444,107	44,860	133,623	268,442	(2,818)	
8	2032	454,736	46,093	137,407	274,133	(2,898)	439,044
9	2033	465,624	47,359	141,299	279,945	(2,980)	
10	2034	476,778	48,661	145,301	285,880	(3,064)	
11	2035	488,205	49,999	149,416	291,941	(3,151)	
12	2036	499,912	51,373	153,648	298,131	(3,240)	482,630
13	2037	511,904	52,785	158,000	304,451	(3,332)	
14	2038	524,190	54,236	162,475	310,906	(3,426)	
15	2039	536,777	55,726	167,077	317,497	(3,523)	
16	2040	549,672	57,258	171,809	324,229	(3,623)	530,636
17	2041	562,883	58,832	176,675	331,103	(3,726)	
18	2042	576,418	60,449	181,678	338,122	(3,831)	
19	2043	590,285	62,110	186,824	345,291	(3,940)	
20	2044	604,492	63,817	192,115	352,611	(4,051)	583,520
21	2045	619,048	65,571	197,557	360,087	(4,166)	
22	2046	633,962	67,373	203,152	367,721	(4,284)	
23	2047	649,242	69,225	208,906	375,517	(4,405)	
24	2048	664,898	71,128	214,822	383,478	(4,530)	641,788
25	2049	0	0	0	0	0	
26	2050	0	0	0	0	0	
27	2051	0	0	0	0	0	
28	2052	0	0	0	0	0	0
29	2053	0	0	0	0	0	
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
-	Equals: Amount To Accrue	12,308,324	1,271,905	3,809,687	7,307,071	(80,339)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

## TAMPA ELECTRIC COMPANY PROJECTED FUTURE DOLLAR DISMANTLEMENT COST BY PLANT

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Bayside Unit #1 (3xGT - HSRG - ST)	2023	2038	Labor	4,173,350	1.055	4,400,846	2039	1.399	6,154,964
			Materials & Eq	6,707,950	1.014	6,800,552		1.394	9,483,310
			Disposal	93,150	1.042	97,033		1.308	126,876
			Salvage	(6,200,000)	1.014	(6,285,590)		1.394	(8,765,199)
				4,774,450		5,012,841			6,999,950

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

#### TAMPA ELECTRIC COMPANY COMPUTATION OF ANNUAL ACCRUAL

Bay	side Unit #1 (3xGT - HSRG - ST)	Total	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2038					
	Cost @ Study Year 2025	5,012,841	4,400,846	6,800,552	97,033	(6,285,590)	
	Total Future Exp	6,999,950	6,154,964	9,483,310	126,876	(8,765,199)	
	Amount To Accrue	3,581,223	2,720,017	6,909,005	(996,993)	(5,050,805)	
	PV of Amount to Accrue	2,514,878	1,944,833	4,954,498	(762,483)	(3,621,970)	
	Capital Recovery Years	13					
	Compound Average Growth	2.60%	2.61%	2.59%	2.08%	2.59%	
	First Year 2025 Accrual	232,867	178,388	453,765	(67,562)	(331,724)	
0	Reserve @ 12/31/2024	3,418,727	3,434,947	2,574,305	1,123,869	(3,714,394)	4-yr Avg
1	2025	232.867	178,388	453,765	(67,562)	(331,724)	
2	2026	239,284	183,051	465,522	(68,970)	(340,318)	
3	2027	245,875	187,836	477,583	(70,408)	(349,136)	
4	2028	252,646	192,746	489,957	(71,875)	(358,182)	242,668
5	2029	259,601	197,784	502,652	(73,373)	(367,462)	
6	2030	266,744	202,955	515,675	(74,903)	(376,982)	
7	2031	274,082	208,260	529,036	(76,464)	(386,750)	
8	2032	281,619	213,704	542,742	(78,057)	(396,770)	270,511
9	2033	289,360	219,290	556,804	(79,684)	(407,050)	
10	2034	297,312	225,023	571,231	(81,345)	(417,596)	
11	2035	305,479	230,905	586,031	(83,041)	(428,416)	
12	2036	313,868	236,941	601,214	(84,771)	(439,516)	301,505
13	2037	322,485	243,135	616,791	(86,538)	(450,903)	
14	2038	0	0	0	0	0	
15	2039	0	0	0	0	0	
16	2040	0	0	0	0	0	80,621
17	2041	0	0	0	0	0	
18	2042	0	0	0	0	0	
19	2043	0	0	0	0	0	
20	2044	0	0	0	0	0	0
	Equals: Amount To Accrue	3,581,223	2,720,017	6,909,005	(996,993)	(5,050,805)	

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

#### TAMPA ELECTRIC COMPANY PROJECTED FUTURE DOLLAR DISMANTLEMENT COST BY PLANT

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Bayside Unit #2 (4xGT - HSRG - ST)	2023	2038	Labor	5,418,800	1.055	5,714,188	2039	1.399	7,991,785
			Materials & Eq	8,713,550	1.014	8,833,839		1.394	12,318,710
			Disposal	87,400	1.042	91,043		1.308	119,044
			Salvage	(7,954,000)	1.014	(8,063,803)		1.394	(11,244,903)
				6,265,750		6,575,266			9,184,637

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648 FILED: DECEMBER 27, 2023

#### TAMPA ELECTRIC COMPANY COMPUTATION OF ANNUAL ACCRUAL

Baysi	ide Unit #2 (4xGT - HSRG - ST) Year of Study Capital Recovery Year	<u>Total</u> 2025 2038	Labor	Mat & Eq	Disposal	Salvage	
	Cost @ Study Year 2025	6,575,266	5,714,188	8,833,839	91.043	(8,063,803)	
	Total Future Exp	9,184,637	7,991,785	12,318,710	119,044	(11,244,903)	
	Amount To Accrue	5,010,947	3,572,612	9,050,421	(1,003,963)	(6,608,124)	
	PV of Amount to Accrue	3,538,022	2,554,445	6,490,124	(767,813)	(4,738,734)	
	Capital Recovery Years	13	2,001,110	0, 100, 12 1	(101,010)	(1,700,701)	
	Compound Average Growth	2.60%	2.61%	2.59%	2.08%	2.59%	
	First Year 2025 Accrual	326,673	234,304	594,408	(68,035)	(434,004)	
0	Reserve @ 12/31/2024	4,173,690	4,419,173	3,268,289	1,123,007	(4,636,779)	4-yr Avg
1	2025	326,673	234.304	594,408	(68,035)	(434,004)	
2	2026	335,536	240,428	609,809	(69,453)	(445,249)	
3	2027	344,637	246,713	625,608	(70,900)	(456,785)	
4	2028	353,982	253,163	641,817	(72,378)	(468,620)	340,207
5	2029	363,579	259,780	658,446	(73,886)	(480,762)	
6	2030	373,433	266,571	675,506	(75,426)	(493,218)	
7	2031	383,553	273,540	693,008	(76,998)	(505,997)	
8	2032	393,944	280,690	710,963	(78,603)	(519,106)	378,627
9	2033	404,613	288,027	729,384	(80,241)	(532,556)	
10	2034	415,570	295,557	748,281	(81,914)	(546,354)	
11	2035	426,820	303,283	767,669	(83,621)	(560,510)	
12	2036	438,373	311,211	787,558	(85,364)	(575,032)	421,344
13	2037	450,235	319,346	807,963	(87,143)	(589,931)	
14	2038	0	0	0	0	0	
15	2039	0	0	0	0	0	
16	2040	0	0	0	0	0	112,559
17	2041	0	0	0	0	0	
18	2042	0	0	0	0	0	
19	2043	0	0	0	0	0	
20	2044	0	0	0	0	0	0
	Equals: Amount To Accrue	5.010.947	3.572.612	9.050.421	(1.003.963)	(6.608.124)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

## TAMPA ELECTRIC COMPANY PROJECTED FUTURE DOLLAR DISMANTLEMENT COST BY PLANT

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Bayside GT's 3-6	2023	2049	Labor	791,200	1.055	834,330	2050	1.917	1,599,365
•			Materials & Eq	1,271,900	1.014	1,289,458		1.955	2,520,641
			Disposal	10,350	1.042	10,781		1.655	17,838
			Salvage	(1,837,000)	1.014	(1,862,359)		1.955	(3,640,552)
				236,450		272,210			497,292

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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## TAMPA ELECTRIC COMPANY COMPUTATION OF ANNUAL ACCRUAL

	Bayside GT's 3-6	<u>Total</u>	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2049					
	Cost @ Study Year 2025	272,210	834,330	1,289,458	10,781	(1,862,359)	
	Total Future Exp	497,292	1,599,365	2,520,641	17,838	(3,640,552)	
	Amount To Accrue	293,782	1,241,094	2,238,938	(63,360)	(3,122,890)	
	PV of Amount to Accrue	156,943	647,433	1,145,350	(38,296)	(1,597,544)	
	Capital Recovery Years	24			,	, , , ,	
	Compound Average Growth	2.54%	2.75%	2.83%	2.12%	2.83%	
	First Year 2025 Accrual	8,928	37,201	66,414	(2,052)	(92,634)	
0	Reserve @ 12/31/2024	203,510	358,271	281,703	81,198	(517,662)	4-yr Avg
1	2025	8,928	37,201	66,414	(2,052)	(92,634)	
2	2026	9,164	38,223	68,295	(2,096)	(95,258)	
3	2027	9,407	39,274	70,229	(2,140)	(97,956)	
4	2028	9,655	40,353	72,218	(2,186)	(100,730)	9,289
5	2029	9,911	41,462	74,263	(2,232)	(103,583)	
6	2030	10,172	42,602	76,367	(2,279)	(106,517)	
7	2031	10,441	43,773	78,530	(2,328)	(109,534)	
8	2032	10,717	44,976	80,754	(2,377)	(112,636)	10,310
9	2033	11,000	46,212	83,041	(2,427)	(115,826)	
10	2034	11,290	47,482	85,393	(2,479)	(119,107)	
11	2035	11,587	48,787	87,811	(2,531)	(122,480)	
12	2036	11,893	50.128	90.298	(2,585)	(125,949)	11.442
13	2037	12,206	51,506	92,856	(2,640)	(129,516)	•
14	2038	12,527	52,922	95,486	(2,696)	(133,184)	
15	2039	12,857	54,376	98,190	(2,753)	(136,957)	
16	2040	13,195	55,871	100,971	(2,811)	(140,836)	12,696
17	2041	13,542	57,406	103,831	(2,871)	(144,824)	
18	2042	13,898	58,984	106,772	(2,932)	(148,926)	
19	2043	14,263	60,605	109,796	(2,994)	(153,144)	
20	2044	14,638	62,271	112,905	(3,058)	(157,482)	14,085
21	2045	15,022	63,983	116,103	(3,122)	(161,942)	
22	2046	15,416	65,741	119,392	(3,189)	(166,528)	
23	2047	15,820	67,548	122,773	(3,256)	(171,245)	
24	2048	16,235	69,405	126,250	(3,325)	(176,095)	15,623
25	2049	0	0	0	) O	, o	
26	2050	0	0	0	0	0	
27	2051	0	0	0	0	0	
28	2052	0	0	0	0	0	0
29	2053	0	0	0	0	0	
30	2054	Ö	ō	0	Ō	ō	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
	Equals: Amount To Accrue	293,782	1,241,094	2,238,938	(63,360)	(3,122,890)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY

**EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

#### TAMPA ELECTRIC COMPANY PROJECTED FUTURE DOLLAR DISMANTLEMENT COST BY PLANT

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Big Bend Common (Handling)	2023	2057	Labor	2,487,450	1.055	2,623,045	2058	2.476	6,494,341
			Materials & Eq	4,000,850	1.014	4,056,081		2.504	10,156,074
			Disposal	62,905,000	1.042	65,526,923		1.967	128,906,336
			Salvage	(727,000)	1.014	(737,036)		2.504	(1,845,474)
				68,666,300		71,469,012			143,711,277

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

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#### TAMPA ELECTRIC COMPANY COMPUTATION OF ANNUAL ACCRUAL

Bi	g Bend Common (Handling) Year of Study	<u>Total</u> 2025	Labor	Mat & Eq	Disposal	Salvage	
	Capital Recovery Year	2057					
	Cost @ Study Year 2025	71,469,012	2,623,045	4,056,081	65,526,923	(737,036)	
	Total Future Exp	143,711,277	6,494,341	10,156,074	128,906,336	(1,845,474)	
	Amount To Accrue	70,287,181	706,789	8,395,604	60,809,498	375,290	
	PV of Amount to Accrue	34,699,620	285,470	3,352,993	30,911,276	149,881	
	Capital Recovery Years	32					
	Compound Average Growth	2.21%	2.87%	2.91%	2.14%	2.91%	
	First Year 2025 Accrual	1,526,973	13,762	162,441	1,343,509	7,261	
0	Reserve @ 12/31/2024	73,424,096	5,787,552	1,760,470	68,096,838	(2,220,764)	4-yr Avg
1	2025	1,526,973	13,762	162,441	1,343,509	7,261	
2	2026	1,561,017	14,157	167,168	1,372,219	7,473	
3	2027	1,595,829	14,564	172,032	1,401,543	7,690	
4	2028	1,631,428	14,982	177,038	1,431,494	7,914	1,578,812
5	2029	1,667,831	15,413	182,190	1,462,084	8,144	,,-
6	2030	1,705,056	15,856	187,491	1,493,328	8,381	
7	2031	1,743,124	16.311	192,947	1,525,240	8,625	
8	2032	1,782,052	16,780	198,561	1,557,834		1,724,516
9	2033	1,821,860	17,262	204,339	1,591,125	9,134	1,724,510
10	2033	1,862,570	17,758	210,285	1,625,126	9,400	
11	2034	1,904,201	18,269	216,404	1,659,855	9,673	
12	2036	1,946,775	18,794	222,701	1,695,325		1,883,851
13	2036						1,003,031
14	2037	1,990,313	19,334	229,181	1,731,554	10,245	
		2,034,839	19,889	235,850	1,768,557	10,543	
15	2039	2,080,373	20,461	242,713	1,806,350	10,849	
16	2040	2,126,940	21,049	249,775	1,844,951		2,058,116
17	2041	2,174,564	21,654	257,043	1,884,377	11,490	
18	2042	2,223,269	22,276	264,523	1,924,646	11,824	
19	2043	2,273,079	22,916	272,220	1,965,775	12,168	
20	2044	2,324,021	23,575	280,141	2,007,783		2,248,733
21	2045	2,376,120	24,252	288,293	2,050,688	12,887	
22	2046	2,429,403	24,949	296,681	2,094,511	13,262	
23	2047	2,483,898	25,666	305,314	2,139,270	13,648	
24	2048	2,539,632	26,404	314,198	2,184,985		2,457,263
25	2049	2,596,635	27,162	323,341	2,231,678	14,454	
26	2050	2,654,935	27,943	332,750	2,279,368	14,874	
27	2051	2,714,562	28,746	342,432	2,328,077	15,307	
28	2052	2,775,548	29,572	352,396	2,377,827	15,752	2,685,420
29	2053	2,837,924	30,422	362,651	2,428,641	16,211	
30	2054	2,901,721	31,296	373,203	2,480,540	16,682	
31	2055	2,966,974	32,195	384,063	2,533,548	17,168	
32	2056	3,033,715	33,120	395,238	2,587,689	17,667	2,935,084
33	2057	0	0	0	0	0	
34	2058	ō	0	ō	ō	ō	
35	2059	0	0	0	0	o o	
36	2060	0	0	0	0	0	0
	Equals: Amount To Accrue	70,287,181	706,789	8,395,604	60,809,498	375,290	

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY **2023 DEPRECIATION AND DISMANTLEMENT STUDY** 

**EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Big Bend Unit #4	2023	2040	Labor	4,743,750	1.055	5,002,340	2041	1.477	7,389,292
•			Materials & Eq	7,624,500	1.014	7,729,754		1.481	11,449,814
			Disposal	1,796,300	1.042	1,871,171		1.364	2,551,985
			Salvage	(4,283,000)	1.014	(4,342,126)		1.481	(6,431,839)
				9.881.550		10.261.139			14.959.252

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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	D'. D	<b>-</b>				0.1	
	Big Bend Unit #4	<u>Total</u>	Labor	Mat & Eq	<u>Disposal</u>	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2040	5 000 040	7 700 754		(4.0.40.400)	
	Cost @ Study Year 2025	10,261,139	5,002,340	7,729,754	1,871,171	(4,342,126)	
	Total Future Exp	14,959,252	7,389,292	11,449,814	2,551,985	(6,431,839)	
	Amount To Accrue	12,528,382	2,820,448	9,531,728	1,776,407	(1,600,201)	
	PV of Amount to Accrue	8,566,427	1,909,363	6,434,857	1,302,500	(1,080,294)	
	Capital Recovery Years	15					
	Compound Average Growth	2.54%	2.63%	2.65%	2.09%	2.65%	
	First Year 2025 Accrual	695,182	155,748	525,623	102,053	(88,242)	
0	Reserve @ 12/31/2024	2,430,870	4,568,844	1,918,086	775,578	(4,831,638)	4-yr Avg
1	2025	695,182	155,748	525,623	102,053	(88,242)	
2	2026	713,026	159,851	539,573	104,187	(90,584)	
3	2027	731,332	164,063	553,892	106,364	(92,988)	
4	2028	750,110	168,386	568,592	108,588	(95,456)	722,413
5	2029	769,374	172,823	583,682	110,857	(97,989)	
6	2030	789,135	177,377	599,173	113,175	(100,590)	
7	2031	809,406	182,051	615,074	115,540	(103,260)	
8	2032	830,201	186,848	631,398	117,955	(106,000)	799,529
9	2033	851,534	191,771	648,155	120,421	(108,813)	
10	2034	873,418	196,824	665,356	122,938	(111,701)	
11	2035	895,867	202,011	683,014	125,508	(114,665)	
12	2036	918,897	207,334	701,141	128,131	(117,709)	884,929
13	2037	942,522	212,797	719,748	130,810	(120,832)	
14	2038	966,758	218,404	738,850	133,544	(124,039)	
15	2039	991.621	224,159	758,458	136,335	(127,331)	
16	2040	. 0	. 0	. 0	. 0	, o	725,225
17	2041	0	0	0	0	0	
18	2042	0	0	0	0	0	
19	2043	0	0	0	0	0	
20	2044	0	0	0	0	0	0
21	2045	0	0	0	0	0	
22	2046	0	0	0	0	0	
23	2047	0	0	0	0	0	
24	2048	ō	ō	ō	ō	ō	0
25	2049	ō	ō	ō	ō	ō	_
26	2050	Ö	Ö	Ö	Ö	Ö	
27	2051	Ö	Ö	Ö	Ö	Ö	
28	2052	Ō	ō	ō	ō	ō	0
		40 500 005					
	Equals: Amount To Accrue	12,528,382	2,820,448	9,531,728	1,776,407	(1,600,201)	

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY **2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

	PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
-	Big Bend GT 4	2023	2049	Labor	192,050	1.055	202,519	2050	1.917	388,218
	=			Materials & Eq	308,200	1.014	312,455		1.955	610,788
				Disposal	8,050	1.042	8,386		1.655	13,874
				Salvage	(358,000)	1.014	(362,942)		1.955	(709,482)
					150,300		160,417			303,399

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648 FILED: DECEMBER 27, 2023

E	Big Bend GT 4	<u>Total</u>	<u>Labor</u>	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2049					
	Cost @ Study Year 2025	160,417	202,519	312,455	8,386	(362,942)	
	Total Future Exp	303,399	388,218	610,788	13,874	(709,482)	
	Amount To Accrue	230,406	295,579	538,528	(11,573)	(592,129)	
	PV of Amount to Accrue	119,778	154,193	275,489	(6,995)	(302,909)	
	Capital Recovery Years	24					
	Compound Average Growth	2.69%	2.75%	2.83%	2.12%	2.83%	
	First Year 2025 Accrual	6,895	8,860	15,974	(375)	(17,564)	
0	Reserve @ 12/31/2024	72,993	92,639	72,260	25,447	(117,353)	4-yr Avg
1	2025	6,895	8,860	15,974	(375)	(17,564)	
2	2026	7.085	9.103	16,427	(383)	(18,062)	
3	2027	7,281	9,353	16,892	(391)	(18,573)	
4	2028	7,482	9,611	17,370	(399)	(19,099)	7,186
5	2029	7,689	9,875	17,862	(408)	(19,640)	
6	2030	7,902	10,146	18,368	(416)	(20,197)	
7	2031	8,120	10,425	18,889	(425)	(20,769)	
8	2032	8,344	10,712	19,424	(434)	(21,357)	8,014
9	2033	8,575	11,006	19,974	(443)	(21,962)	
10	2034	8,811	11,308	20,539	(453)	(22,584)	
11	2035	9,055	11,619	21,121	(462)	(23,223)	
12	2036	9,305	11,939	21,719	(472)	(23,881)	8,936
13	2037	9,562	12,267	22,334	(482)	(24,557)	
14	2038	9,825	12,604	22,967	(492)	(25,253)	
15	2039	10,097	12,950	23,618	(503)	(25,968)	
16	2040	10,375	13,306	24,286	(514)	(26,704)	9,965
17	2041	10,662	13,672	24,974	(524)	(27,460)	
18	2042	10,956	14,048	25,682	(536)	(28,238)	
19	2043	11,258	14,434	26,409	(547)	(29,038)	
20	2044	11,569	14,830	27,157	(558)	(29,860)	11,111
21	2045	11,888	15,238	27,926	(570)	(30,706)	
22	2046	12,216	15,657	28,717	(582)	(31,575)	
23	2047	12,553	16,087	29,530	(595)	(32,470)	
24	2048	12,900	16,529	30,367	(607)	(33,389)	12,389
25	2049	0	0	0	0	0	
26	2050	0	0	0	0	0	
27	2051	0	0	0	0	0	
28	2052	0	0	0	0	0	0
29	2053	0	0	0	0	0	
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
	Equals: Amount To Accrue	230,406	295,579	538,528	(11,573)	(592,129)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY **2023 DEPRECIATION AND DISMANTLEMENT STUDY** 

**EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Big Bend GT's 5-6 (and Unit 1 CCST)	2023	2057	Labor	5,756,900	1.055	6,070,718	2058	2.476	15,030,362
			Materials & Eq	9,252,900	1.014	9,380,634		2.504	23,488,293
			Disposal	801,550	1.042	834,959		1.967	1,642,554
			Salvage	(7,650,000)	1.014	(7,755,606)		2.504	(19,419,365)
				8,161,350		8,530,705			20,741,844

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648 FILED: DECEMBER 27, 2023

Big	Bend GT's 5-6 (and Unit 1 CCST)  Year of Study  Capital Recovery Year	<u>Total</u> 2025 2057	Labor	Mat & Eq	Disposal	Salvage	
	Cost @ Study Year 2025	8.530.705	6.070.718	9.380.634	834.959	(7,755,606)	
	Total Future Exp	20,741,844	15,030,362	23,488,293	1,642,554	(19,419,365)	
	Amount To Accrue	20,218,689	14,484,488	22,964,625	1,631,262	(18,861,686)	
	PV of Amount to Accrue Capital Recovery Years	8,318,071 32	5,850,241	9,171,494	829,219	(7,532,883)	
	Compound Average Growth	2.82%	2.87%	2.91%	2.14%	2.91%	
	First Year 2025 Accrual	397,448	282,022	444,328	36,041	(364,943)	
0	Reserve @ 12/31/2024	523,155	545,874	523,668	11,292	(557,679)	4-yr Avg
1	2025	397,448	282,022	444,328	36,041	(364,943)	
2	2026	408,632	290,126	457,257	36,811	(375,562)	
3	2027	420,133	298,463	470,563	37,597	(386,490)	
4	2028	431,959	307,040	484,255	38,401	(397,737)	414,543
5	2029	444,121	315,863	498,346	39,222	(409,310)	
6	2030	456,626	324,940	512,847	40,060	(421,220)	
7	2031	469,486	334,277	527,770	40,916	(433,477)	
8	2032	482,710	343,883	543,128	41,790	(446,091)	463,236
9	2033	496,309	353,765	558,932	42,683	(459,071)	
10	2034	510,293	363,931	575,196	43,595	(472,429)	
11	2035	524,673	374,389	591,933	44,527	(486,176)	
12	2036	539,460	385,147	609,157	45,478	(500,323)	517,683
13	2037	554,666	396,215	626,882	46,450	(514,881)	
14	2038	570,304	407,601	645,124	47,443	(529,864)	
15	2039	586,384	419,314	663,896	48,457	(545,282)	
16	2040	602,921	431,363	683,214	49,492	(561,149)	578,569
17	2041	619,926	443,759	703,094	50,550	(577,477)	
18	2042	637,414	456,511	723,553	51,630	(594,281)	
19	2043	655,397	469,629	744,607	52,733	(611,573)	
20	2044	673,890	483,125	766,274	53,860	(629,369)	646,657
21	2045	692,908	497,008	788,571	55,011	(647,682)	
22	2046	712,466	511,290	811,517	56,187	(666,529)	
23	2047	732,578	525,983	835,131	57,388	(685,924)	
24	2048	753,261	541,097	859,432	58,614	(705,883)	722,803
25	2049	774,530	556,647	884,440	59,866	(726,423)	
26	2050	796,403	572,643	910,176	61,146	(747,561)	
27	2051	818,898	589,098	936,660	62,452	(769,313)	
28	2052	842,030	606,027	963,915	63,787	(791,699)	807,965
29	2053	865,819	623,442	991,964	65,150	(814,736)	
30	2054	890,284	641,357	1,020,828	66,542	(838,443)	
31	2055	915,443	659,787	1,050,532	67,964	(862,841)	
32	2056	941,317	678,747	1,081,101	69,417	(887,948)	903,216
33	2057	0	0	0	0	0	
34	2058	0	0	0	0	0	
35	2059	0	0	0	0	0	
36	2060	0	0	0	0	0	0
37	2061	0	0	0	0	0	
38	2062	0	0	0	0	0	
39	2063	0	0	0	0	0	
40	2064	0	0	0	0	0	0
41	2065	0	0	0	0	0	
42	2066	0	0	0	0	0	
43	2067	0	0	0	0	0	
44	2068	0	0	0	0	0	0
	Equals: Amount To Accrue	20,218,689	14,484,488	22,964,625	1,631,262	(18,861,686)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Polk Common (Handling)	2023	2052	Labor	1,906,700	1.055	2,010,637	2053	2.110	4,243,098
-			Materials & Eq	3,025,650	1.014	3,067,418		2.145	6,578,715
			Disposal	9,435,750	1.042	9,829,038		1.766	17,357,002
			Salvage	(468,000)	1.014	(474,461)		2.145	(1,017,579)
				13,900,100		14,432,633			27,161,236

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

P	Polk Common (Handling) Year of Study	<u>Total</u> 2025	Labor	Mat & Eq	Disposal	Salvage	
	Capital Recovery Year	2052					
	Cost @ Study Year 2025	14,432,633	2,010,637	3,067,418	9,829,038	(474,461)	
	Total Future Exp	27,161,236	4,243,098	6,578,715	17,357,002	(1,017,579)	
	Amount To Accrue	19,158,881	1,201,397	2,000,790	13,485,125	2,471,569	
	PV of Amount to Accrue	10,291,041	569,295	932,897	7,636,446	1,152,404	
	Capital Recovery Years	27					
	Compound Average Growth	2.37%	2.80%	2.87%	2.13%	2.87%	
	First Year 2025 Accrual	517,093	30,347	50,098	374,761	61,886	
0	Reserve @ 12/31/2024	8,002,355	3,041,701	4,577,925	3,871,877	(3,489,148)	4-yr Avg
1	2025	517,093	30,347	50,098	374,761	61,886	- 11 7113
2	2026	529,130	31,199	51.534	382.738	63,660	
3	2027	541,454	32,074	53,011	390,885	65,484	
4	2028	554,069	32,973	54,530	399,204	67,361	535,437
5	2029	566,985	33,898	56,093	407,701	69,292	333,437
6	2030	580,207	34,849	57,701	416,379	71,278	
7	2030	593,744	35,826	59,355	425,242	73,321	
8	2031	607,603	36,831	61,056	434,293	75,423	587,135
9	2032	621,791	37,864	62,806	443,536	77,584	367,133
10	2033	636,318	38,926	64,607	452,977	79,808	
11	2034	651,190	40,018	66,458	462,618	82,096	
12	2036	666,417	41,140	68,363	472,465	84,449	643,929
13							043,929
13	2037 2038	682,007	42,294	70,323	482,521	86,869	
		697,969	43,480	72,338	492,792	89,359	
15	2039	714,312	44,700	74,412	503,281	91,920	700 004
16	2040	731,046	45,953	76,544	513,993	94,555	706,334
17	2041	748,179	47,242	78,738	524,933	97,265	
18	2042	765,721	48,567	80,995	536,106	100,053	
19 20	2043	783,684	49,929	83,317	547,517	102,921	774045
	2044	802,076	51,330	85,705	559,170	105,871	774,915
21	2045	820,908	52,769	88,161	571,072	108,905	
22	2046	840,192	54,249	90,688	583,227	112,027	
23	2047	859,937	55,771	93,288	595,641	115,238	
24	2048	880,156	57,335	95,962	608,319	118,541	850,298
25	2049	900,860	58,943	98,712	621,267	121,939	
26	2050	922,061	60,596	101,541	634,490	125,434	
27	2051	943,772	62,296	104,452	647,995	129,029	
28	2052	0	0	0	0	0	691,673
29	2053	0	0	0	0	0	
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	_
32	2056	0	0	0	0	0	0
33	2057	0	0	0	0	0	
34	2058	0	0	0	0	0	
35	2059	0	0	0	0	0	
36	2060	0	0	0	0	0	0
37	2061	0	0	0	0	0	
38	2062	0	0	0	0	0	
39	2063	0	0	0	0	0	
40	2064	0	0	0	0	0	0
-	Equals: Amount To Accrue	19,158,881	1,201,397	2,000,790	13,485,125	2,471,569	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Polk Unit #1 (Gasifier - GT - HRSG - ST)	2023	2036	Labor	2,996,900	1.055	3,160,266	2037	1.328	4,197,561
			Materials & Eq	4,820,800	1.014	4,887,350		1.321	6,454,228
			Disposal	62,100	1.042	64,688		1.255	81,167
			Salvage	(5,422,000)	1.014	(5,496,849)		1.321	(7,259,132)
				2 457 800		2 615 455			3 473 824

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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**TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

P	olk Unit #1 (Gasifier - GT - HRSG - ST) Year of Study	<u>Total</u> 2025	Labor	Mat & Eq	Disposal	Salvage	
	Capital Recovery Year	2036					
	Cost @ Study Year 2025	2,615,455	3,160,266	4,887,350	64,688	(5,496,849)	
	Total Future Exp	3,473,824	4,197,561	6,454,228	81,167	(7,259,132)	
	Amount To Accrue	2,810,777	2,116,456	4,794,711	48,784	(4,149,174)	
	PV of Amount to Accrue	2,121,142	1,593,441	3,630,710	38,880	(3,141,889)	
	Capital Recovery Years	11					
	Compound Average Growth	2.61%	2.61%	2.56%	2.08%	2.56%	
	First Year 2025 Accrual	224,097	168,554	382,901	3,992	(331,349)	
0	Reserve @ 12/31/2024	663.047	2.081.105	1.659.517	32.383	(3,109,958)	4-vr Ava
1	2025	224,097	168,554	382,901	3,992	(331,349)	
2	2026	229.907	172,960	392,705	4.075	(339,833)	
3	2027	235,866	177,481	402,759	4,160	(348,534)	
4	2028	241,981	182,120	413,071	4,247	(357,457)	232,963
5	2029	248,254	186,881	423,647	4,335	(366,609)	
6	2030	254,690	191,766	434,493	4,426	(375,995)	
7	2031	261,292	196,779	445,617	4,518	(385,621)	
8	2032	268,066	201,923	457,026	4,612	(395,494)	258,076
9	2033	275,016	207,201	468,727	4,708	(405,620)	
10	2034	282,146	212,617	480,728	4,806	(416,005)	
11	2035	289,461	218,175	493,036	4,906	(426,656)	
12	2036	0	0	0	0	0	211,656
13	2037	0	0	0	0	0	
14	2038	0	0	0	0	0	
15	2039	0	0	0	0	0	
16	2040	0	0	0	0	0	0
17	2041	0	0	0	0	0	
18	2042	0	0	0	0	0	
19	2043	0	0	0	0	0	
20	2044	0	0	0	0	0	0
	Equals: Amount To Accrue	2,810,777	2,116,456	4,794,711	48,784	(4,149,174)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Polk 2-5 (4xGT - HRSG - ST)	2023	2052	Labor	4,499,950	1.055	4,745,250	2053	2.110	10,014,019
			Materials & Eq	7,232,350	1.014	7,332,191		2.145	15,725,405
			Disposal	4,600	1.042	4,792		1.766	8,462
			Salvage	(7,979,000)	1.014	(8,089,148)		2.145	(17,348,857)
				3,757,900		3,993,084			8,399,029

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F	Polk 2-5 (4xGT - HRSG - ST) Year of Study Capital Recovery Year	<u>Total</u> 2025 2052	<u>Labor</u>	Mat & Eq	Disposal	Salvage	
	Cost @ Study Year 2025	3,993,084	4,745,250	7,332,191	4.792	(8,089,148)	
	Total Future Exp	8,399,029	10,014,019	15,725,405	8,462	(17,348,857)	
	Amount To Accrue	7,668,062	8,570,007	14,815,356	746	(15,718,047)	
	PV of Amount to Accrue	3,640,519	4,060,989	6,907,868	422	(7,328,760)	
	Capital Recovery Years	27	.,,	-,,		(-,,,	
	Compound Average Growth	2.79%	2.80%	2.87%	2.13%	2.87%	
	First Year 2025 Accrual	193,897	216,479	370,963	21	(393,566)	
-							
0	Reserve @ 12/31/2024	730,967	1,444,012	910,049	7,716	(1,630,810)	4-yr Avg
1	2025	193,897	216,479	370,963	21	(393,566)	
2	2026	199,322	222,551	381,596	21	(404,847)	
3	2027	204,897	228,793	392,534	22	(416,450)	
4	2028	210,629	235,210	403,785	22	(428,387)	202,186
5	2029	216,522	241,807	415,358	23	(440,666)	
6	2030	222,579	248,588	427,263	23	(453,296)	
7	2031	228,805	255,561	439,510	24	(466,289)	
8	2032	235,206	262,728	452,107	24	(479,654)	225,778
9	2033	241,785	270,097	465,066	25	(493,402)	
10	2034	248,549	277,672	478,395	25	(507,544)	
11	2035	255,502	285,460	492,107	26	(522,091)	
12	2036	262,649	293,467	506,212	26	(537,056)	252,122
13	2037	269,997	301,697	520,722	27	(552,449)	-
14	2038	277,550	310,159	535.647	27	(568,284)	
15	2039	285,314	318,858	551,000	28	(584,572)	
16	2040	293,295	327,801	566,793	28	(601,327)	281.539
17	2041	301,500	336,995	583,039	29	(618,563)	,
18	2042	309,934	346,447	599.750	30	(636,292)	
19	2043	318,604	356,163	616,940	30	(654,530)	
20	2044	327,516	366,153	634,623	31	(673,290)	314,388
21	2045	336,678	376,422	652,813	32	(692,589)	, , , , , ,
22	2046	346,096	386,980	671,524	32	(712,440)	
23	2047	355,778	397,833	690,772	33	(732,860)	
24	2048	365,730	408,991	710,571	34	(753,866)	351.071
25	2049	375,961	420,462	730,938	34	(775,473)	-
26	2050	386,478	432,255	751,888	35	(797,700)	
27	2051	397,289	444,378	773,439	36	(820,565)	
28	2052	0	0	0	0	0	289,932
29	2053	0	0	0	Ö	0	
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
33	2057	0	0	0	0	0	
34	2058	0	0	0	0	0	
35	2059	0	0	0	Ö	0	
36	2060	0	0	0	0	0	0
37	2061	Ō	ō	Ō	ō	Ō	
38	2062	0	0	0	0	0	
39	2063	Ō	ō	Ō	ō	Ō	
40	2064	0	0	0	0	0	0
-							
	Equals: Amount To Accrue	7,668,062	8,570,007	14,815,356	746	(15,718,047)	

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
MacDill Common	2023	2055	Labor	113,850	1.055	120,056	2056	2.323	278,844
			Materials & Eq	184,000	1.014	186,540		2.354	439,027
			Disposal	148,350	1.042	154,533		1.884	291,152
			Salvage	(375,000)	1.014	(380,177)		2.354	(894,756)
				71,200		80,953			114,268

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,	MacDill Common Year of Study	<u>Total</u> 2025	Labor	Mat & Eq	Disposal	Salvage	
	Capital Recovery Year	2055					
	Cost @ Study Year 2025	80,953	120,056	186,540	154,533	(380,177)	
	Total Future Exp	114,268	278,844	439,027	291,152	(894,756)	
	Amount To Accrue	114,268	278,844	439,027	291,152	(894,756)	
	PV of Amount to Accrue	80,953	120,056	186,540	154,533	(380,177)	
	Capital Recovery Years	30	,	,	,	(,)	
	Compound Average Growth	1.16%	2.85%	2.89%	2.13%	2.89%	
	First Year 2025 Accrual	3,289	6,006	9,387	7,028	(19,132)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	3,289	6,006	9,387	7,028	(19,132)	
2	2026	3,328	6,177	9,659	7,178	(19,686)	
3	2027	3,367	6,353	9,939	7,331	(20,255)	
4	2028	3,406	6,534	10,226	7,487	(20,842)	3,348
5	2029	3,445	6,720	10,522	7,647	(21,445)	
6	2030	3,483	6,912	10,827	7,810	(22,065)	
7	2031	3,522	7,109	11,140	7,977	(22,704)	
8	2032	3,560	7,311	11,462	8,147	(23,361)	3,502
9	2033	3,597	7,519	11,794	8,321	(24,037)	
10	2034	3,635	7,734	12,136	8,498	(24,733)	
11	2035	3,672	7,954	12,487	8,680	(25,449)	
12	2036	3,709	8,181	12,848	8,865	(26,185)	3,653
13	2037	3,745	8,414	13,220	9,054	(26,943)	
14	2038	3,781	8,653	13,603	9,247	(27,723)	
15	2039	3,816	8,900	13,996	9,445	(28,525)	
16	2040	3,850	9,153	14,401	9,646	(29,351)	3,798
17	2041	3,884	9,414	14,818	9,852	(30,200)	
18	2042	3,917	9,682	15,247	10,062	(31,074)	
19	2043	3,950	9,958	15,688	10,277	(31,973)	
20	2044	3,982	10,242	16,142	10,496	(32,899)	3,933
21	2045	4,012	10,534	16,609	10,720	(33,851)	
22	2046	4,042	10,834	17,090	10,949	(34,831)	
23	2047	4,071	11,142	17,585	11,183	(35,839)	
24	2048	4,099	11,460	18,094	11,421	(36,876)	4,056
25	2049	4,126	11,786	18,617	11,665	(37,943)	
26	2050	4,151	12,122	19,156	11,914	(39,041)	
27	2051	4,175	12,467	19,711	12,168	(40,171)	
28	2052	4,198	12,822	20,281	12,428	(41,334)	4,162
29	2053	4,219	13,188	20,868	12,693	(42,530)	
30	2054	4,238	13,563	21,472	12,964	(43,761)	
31	2055	0	0	0	0	0	2444
32	2056	0	0	0	0	0	2,114
33 34	2057	0	0	0	0	0	
	2058	-		-	-		
35 36	2059	0	0	0	0	0	0
36	2060 2061	0	0	0	0	0	U
38	2061	0	0	0	0	0	
39	2062	0	0	0	0	0	
39 40	2063	0	0	0	0	0	0
40 -							U
	Equals: Amount To Accrue	114,268	278,844	439,027	291,152	(894,756)	

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
MacDill Unit 1 and 2	2023	2055	Labor	220,800	1.055	232,836	2056	2.323	540,789
			Materials & Eq	355,350	1.014	360,256		2.354	847,870
			Disposal	37,950	1.042	39,532		1.884	74,481
			Salvage	(287,000)	1.014	(290,962)		2.354	(684,786)
				327,100		341,662			778,354

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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N	MacDill Unit 1 and 2	<u>Total</u>	Labor	Mat & Eq	<u>Disposal</u>	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2055					
	Cost @ Study Year 2025	341,662	232,836	360,256	39,532	(290,962)	
	Total Future Exp	778,354	540,789	847,870	74,481	(684,786)	
	Amount To Accrue	778,354	540,789	847,870	74,481	(684,786)	
	PV of Amount to Accrue	341,662	232,836	360,256	39,532	(290,962)	
	Capital Recovery Years	30	0.050/	0.000/	0.400/	0.000/	
	Compound Average Growth First Year 2025 Accrual	2.78%	2.85%	2.89%	2.13%	2.89%	
_	First Year 2025 Accrual	16,933	11,648	18,129	1,798	(14,642)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	16,933	11,648	18,129	1,798	(14,642)	
2	2026	17,404	11,980	18,654	1,836	(15,066)	
3	2027	17,888	12,321	19,194	1,875	(15,502)	
4	2028	18,386	12,672	19,749	1,915	(15,951)	17,653
5	2029	18,898	13,033	20,321	1,956	(16,412)	
6	2030	19,424	13,405	20,909	1,998	(16,887)	
7	2031	19,965	13,786	21,514	2,041	(17,376)	
8	2032	20,521	14,179	22,137	2,084	(17,879)	19,702
9	2033	21,093	14,583	22,778	2,129	(18,396)	
10	2034	21,681	14,999	23,437	2,174	(18,929)	
11	2035	22,285	15,426	24,115	2,220	(19,477)	
12	2036	22,906	15,865	24,813	2,268	(20,040)	21,991
13	2037	23,544	16,317	25,531	2,316	(20,620)	
14	2038	24,201	16,782	26,270	2,366	(21,217)	
15	2039	24,875	17,260	27,030	2,416	(21,831)	
16	2040	25,569	17,752	27,813	2,468	(22,463)	24,547
17	2041	26,282	18,258	28,618	2,520	(23,113)	
18	2042	27,016	18,778	29,446	2,574	(23,782)	
19	2043	27,769	19,313	30,298	2,629	(24,470)	
20	2044	28,544	19,863	31,175	2,685	(25,178)	27,403
21	2045	29,341	20,429	32,077	2,742	(25,907)	
22	2046	30,160	21,011	33,005	2,801	(26,657)	
23	2047	31,002	21,609	33,961	2,861	(27,428)	
24	2048	31,868	22,225	34,944	2,922	(28,222)	30,593
25	2049	32,758	22,858	35,955	2,984	(29,039)	
26	2050	33,673	23,509	36,995	3,048	(29,880)	
27	2051	34,614	24,179	38,066	3,113	(30,744)	
28	2052	35,581	24,868	39,168	3,179	(31,634)	34,156
29	2053	36,575	25,576	40,301	3,247	(32,550)	
30	2054	37,597	26,305	41,468	3,316	(33,492)	
31	2055	0	0	0	0	0	40.540
32	2056	0	0	0	0	0	18,543
33	2057	0	0	0	0	0	
34	2058	0	0	0	0	0	
35	2059	0	0	0	0	0	•
36	2060	0	0	0	0	0	0
37	2061	0	0	0	0	0	
38	2062	0	0	0	0	0	
39	2063	0	0	0	0	0	0
40	2064	0	0	0	0	0	0
	Equals: Amount To Accrue	778,354	540,789	847,870	74,481	(684,786)	

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
MacDill Unit 3 and 4	2023	2055	Labor	220,800	1.055	232,836	2056	2.323	540,789
			Materials & Eq	355,350	1.014	360,256		2.354	847,870
			Disposal	37,950	1.042	39,532		1.884	74,481
			Salvage	(287,000)	1.014	(290,962)		2.354	(684,786)
				327,100		341,662			778,354

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N	MacDill Unit 3 and 4	Total	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2055					
	Cost @ Study Year 2025	341,662	232,836	360,256	39,532	(290,962)	
	Total Future Exp	778,354	540,789	847,870	74,481	(684,786)	
	Amount To Accrue	778,354	540,789	847,870	74,481	(684,786)	
	PV of Amount to Accrue	341,662	232,836	360,256	39,532	(290,962)	
	Capital Recovery Years	30					
	Compound Average Growth	2.78%	2.85%	2.89%	2.13%	2.89%	
	First Year 2025 Accrual	16,933	11,648	18,129	1,798	(14,642)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	16,933	11,648	18,129	1,798	(14,642)	
2	2026	17,404	11,980	18,654	1,836	(15,066)	
3	2027	17,888	12,321	19,194	1,875	(15,502)	
4	2028	18,386	12,672	19,749	1,915	(15,951)	17,653
5	2029	18,898	13,033	20,321	1,956	(16,412)	
6	2030	19,424	13,405	20,909	1,998	(16,887)	
7	2031	19,965	13,786	21,514	2,041	(17,376)	
8	2032	20,521	14,179	22,137	2,084	(17,879)	19,702
9	2033	21,093	14,583	22,778	2,129	(18,396)	
10	2034	21,681	14,999	23,437	2,174	(18,929)	
11	2035	22,285	15,426	24,115	2,220	(19,477)	
12	2036	22,906	15,865	24,813	2,268	(20,040)	21,991
13	2037	23,544	16,317	25,531	2,316	(20,620)	
14	2038	24,201	16,782	26,270	2,366	(21,217)	
15	2039	24,875	17,260	27,030	2,416	(21,831)	
16	2040	25,569	17,752	27,813	2,468	(22,463)	24,547
17	2041	26,282	18,258	28,618	2,520	(23,113)	
18	2042	27,016	18,778	29,446	2,574	(23,782)	
19	2043	27,769	19,313	30,298	2,629	(24,470)	
20	2044	28,544	19,863	31,175	2,685	(25,178)	27,403
21	2045	29,341	20,429	32,077	2,742	(25,907)	
22	2046	30,160	21,011	33,005	2,801	(26,657)	
23	2047	31,002	21,609	33,961	2,861	(27,428)	
24	2048	31,868	22,225	34,944	2,922	(28,222)	30,593
25	2049	32,758	22,858	35,955	2,984	(29,039)	
26	2050	33,673	23,509	36,995	3,048	(29,880)	
27	2051	34,614	24,179	38,066	3,113	(30,744)	04.450
28	2052	35,581	24,868	39,168	3,179	(31,634)	34,156
29	2053	36,575	25,576	40,301	3,247	(32,550)	
30	2054	37,597	26,305	41,468 0	3,316	(33,492)	
31	2055	0	0		0	0	40 542
32 33	2056 2057	0	0	0	0	0	18,543
34	2057	0	0	0	0	0	
35	2058	0	0	0	0	0	
36	2060	0	0	0	0	0	0
37	2060	0	0	0	0	0	U
38	2061	0	0	0	0	0	
39	2062	0	0	0	0	0	
40	2063	0	0	0	0	0	0
							0
	Equals: Amount To Accrue	778,354	540,789	847,870	74,481	(684,786)	

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
MacDill BESS	2023	2055	Labor	346,150	1.055	365,019	2056	2.323	847,799
			Materials & Eq	284,050	1.014	287,971		2.354	677,747
			Disposal	24,150	1.042	25,157		1.884	47,397
			Salvage	(318,000)	1.014	(322,390)		2.354	(758,753)
				336.350		355.757			814.191

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	MacDill BESS	<u>Total</u>	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study Capital Recovery Year	2025 2055					
	Cost @ Study Year 2025	355,757	365,019	287,971	25,157	(322,390)	
	Total Future Exp	814,191	847,799	677,747	47,397	(758,753)	
	Amount To Accrue	814,191	847,799	677,747	47,397	(758,753)	
	PV of Amount to Accrue	355.757	365,019	287,971	25,157	(322,390)	
	Capital Recovery Years	303,737	303,013	201,311	25,157	(322,330)	
	Compound Average Growth	2.80%	2.85%	2.89%	2.13%	2.89%	
	First Year 2025 Accrual	17,673	18,261	14,492	1,144	(16,224)	
_						(10,224)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	17,673	18,261	14,492	1,144	(16,224)	
2	2026	18,167	18,781	14,911	1,168	(16,693)	
3	2027	18,676	19,316	15,343	1,193	(17,176)	
4	2028	19,198	19,866	15,787	1,219	(17,674)	18,429
5	2029	19,736	20,432	16,244	1,245	(18,185)	
6	2030	20,288	21,014	16,714	1,271	(18,711)	
7	2031	20,856	21,613	17,197	1,299	(19,253)	
8	2032	21,440	22,229	17,695	1,326	(19,810)	20,580
9	2033	22,040	22,862	18,207	1,355	(20,383)	
10	2034	22,658	23,513	18,734	1,383	(20,973)	
11	2035	23,292	24,183	19,276	1,413	(21,580)	
12	2036	23,945	24,872	19,834	1,443	(22,205)	22,984
13	2037	24,615	25,581	20,408	1,474	(22,848)	
14	2038	25,305	26,309	20,999	1,505	(23,509)	
15	2039	26,014	27,059	21,607	1,538	(24,189)	
16	2040	26,743	27,830	22,232	1,570	(24,889)	25,669
17	2041	27,492	28,623	22,876	1,604	(25,610)	
18	2042	28,263	29,438	23,538	1,638	(26,351)	
19	2043	29,055	30,277	24,219	1,673	(27,113)	
20	2044	29,869	31,139	24,920	1,709	(27,898)	28,670
21	2045	30,707	32,026	25,641	1,745	(28,706)	
22	2046	31,568	32,939	26,383	1,782	(29,536)	
23	2047	32,453	33,877	27,147	1,820	(30,391)	
24	2048	33,363	34,842	27,932	1,859	(31,271)	32,023
25 26	2049	34,299	35,835	28,741	1,899	(32,176)	
27	2050 2051	35,261 36,250	36,856 37,906	29,572 30,428	1,939	(33,107)	
28	2051	37,266		31,309	1,981	(34,065)	35,769
29	2052	38,312	38,985 40,096	32,215	2,023 2,066	(35,051) (36,065)	33,709
30	2053	39,387	41,238	32,215	2,066	(30,065)	
31	2055	39,367	41,236	0	2,110	(37,109)	
32	2056	0	0	0	0	0	19.425
33	2057	0	0	0	0	0	19,423
34	2057	0	0	0	0	0	
35	2059	0	0	0	0	0	
36	2060	0	0	0	0	0	0
37	2060	0	0	0	0	0	J
38	2062	0	0	0	0	0	
39	2063	0	0	0	0	0	
40	2064	0	0	0	0	0	0
-							•
	Equals: Amount To Accrue	814,191	847,799	677,747	47,397	(758,753)	

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Tampa International Solar	2023	2045	Labor	421,015	1.055	443,965	2046	1.699	754,474
			Materials & Eq	438,610	1.014	444,665		1.732	770,141
			Disposal	78,660	1.042	81,939		1.518	124,381
			Salvage	(296,100)	1.014	(300,188)		1.732	(519,913)
				642,185		670,381			1,129,084

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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1	Γampa International Solar Year of Study Capital Recovery Year	Total 2025 2045	<u>Labor</u>	Mat & Eq	<u>Disposal</u>	<u>Salvage</u>	
	Cost @ Study Year 2025	670,381	443.965	444.665	81.939	(300,188)	
	Total Future Exp	1,129,084	754,474	770,141	124,381	(519,913)	
	Amount To Accrue	1,018,663	685.162	702.488	112.837	(481,825)	
	PV of Amount to Accrue	604.920	403,179	405,603	74,334	(278,196)	
	Capital Recovery Years	20	400,170	400,000	74,004	(270,130)	
	Compound Average Growth	2.64%	2.69%	2.78%	2.11%	2.78%	
	First Year 2025 Accrual	39,309	26,321	26,722	4,594	(18,328)	
0	Reserve @ 12/31/2024	110,421	69,312	67,653	11,544	(38,088)	4-yr Avg
1	2025	39,309	26,321	26,722	4,594	(18,328)	
2	2026	40,347	27,029	27,466	4,691	(18,839)	
3	2027	41,412	27,755	28,231	4,790	(19,363)	
4	2028	42,506	28,501	29,017	4,891	(19,902)	40,894
5	2029	43,629	29,266	29,825	4,994	(20,456)	-
6	2030	44,781	30,053	30,655	5,099	(21,026)	
7	2031	45,964	30,860	31,509	5,207	(21,611)	
8	2032	47,179	31,689	32,386	5,316	(22,213)	45,388
9	2033	48,426	32,541	33,288	5,429	(22,832)	
10	2034	49,706	33,415	34,215	5,543	(23,467)	
11	2035	51,020	34,313	35,167	5,660	(24,121)	
12	2036	52,368	35,235	36,147	5,779	(24,792)	50,380
13	2037	53,753	36,181	37,153	5,901	(25,483)	
14	2038	55,175	37,154	38,188	6,026	(26,192)	
15	2039	56,634	38,152	39,251	6,153	(26,921)	
16	2040	58,132	39,177	40,344	6,282	(27,671)	55,923
17	2041	59,670	40,230	41,467	6,415	(28,441)	
18	2042	61,249	41,310	42,622	6,550	(29,233)	
19	2043	62,870	42,420	43,808	6,688	(30,047)	
20	2044	64,534	43,560	45,028	6,829	(30,884)	62,081
21	2045	0	0	0	0	0	
22	2046	0	0	0	0	0	
23	2047	0	0	0	0	0	
24	2048	0	0	0	0	0	0
25	2049	0	0	0	0	0	
26	2050	0	0	0	0	0	
27	2051	0	0	0	0	0	_
28	2052	0	0	0	0	0	0
	Equals: Amount To Accrue	1,018,663	685,162	702,488	112,837	(481,825)	

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY

**EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Big Bend Solar	2023	2047	Labor	1,872,775	1.055	1,974,863	2048	1.802	3,558,280
•			Materials & Eq	1,941,545	1.014	1,968,348		1.840	3,620,854
			Disposal	1,155,175	1.042	1,203,323		1.584	1,906,626
			Salvage	(969,700)	1.014	(983,086)		1.840	(1,808,427)
				3.999.795		4.163.448			7.277.333

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

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	Big Bend Solar	Total	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2047	4 074 000	4 000 040	4 000 000	(000,000)	
	Cost @ Study Year 2025	4,163,448	1,974,863	1,968,348	1,203,323	(983,086)	
	Total Future Exp	7,277,333	3,558,280	3,620,854	1,906,626	(1,808,427)	
	Amount To Accrue	6,638,324	3,274,288	3,344,134	1,728,519	(1,708,617)	
	PV of Amount to Accrue	3,797,252	1,817,246	1,817,919	1,090,915	(928,828)	
	Capital Recovery Years	22					
	Compound Average Growth	2.57%	2.71%	2.81%	2.11%	2.81%	
	First Year 2025 Accrual	228,017	110,767	111,901	62,522	(57,174)	
0	Reserve @ 12/31/2024	639,009	283,992	276,720	178,107	(99,810)	4-yr Avg
1	2025	228,017	110,767	111,901	62,522	(57,174)	
2	2026	233,881	113,772	115,045	63,844	(58,780)	
3	2027	239,897	116,858	118,277	65,194	(60,431)	
4	2028	246,070	120,027	121,599	66,572	(62,129)	236,966
5	2029	252,404	123,283	125,015	67,979	(63,874)	
6	2030	258,902	126,627	128,527	69,416	(65,668)	
7	2031	265,570	130,062	132,138	70,884	(67,513)	
8	2032	272,412	133,589	135,850	72,382	(69,410)	262,322
9	2033	279,432	137,213	139,667	73,913	(71,360)	
10	2034	286,636	140,935	143,590	75,475	(73,364)	
11	2035	294,027	144,757	147,624	77,071	(75,425)	
12	2036	301,611	148,684	151,771	78,700	(77,544)	290,426
13	2037	309,393	152,717	156,035	80,364	(79,723)	
14	2038	317,378	156,859	160,418	82,063	(81,962)	
15	2039	325,571	161,114	164,925	83,798	(84,265)	
16	2040	333,979	165,484	169,558	85,569	(86,632)	321,580
17	2041	342,606	169,972	174,321	87,378	(89,066)	
18	2042	351,459	174,583	179,218	89,226	(91,568)	
19	2043	360,543	179,318	184,253	91,112	(94,140)	
20	2044	369,864	184,182	189,429	93,038	(96,785)	356,118
21	2045	379,429	189,177	194,751	95,005	(99,504)	
22	2046	389,245	194,309	200,222	97,013	(102,299)	
23	2047	0	0	0	0	, o	
24	2048	0	0	0	0	0	192,168
25	2049	0	0	0	0	Ō	. ,
26	2050	0	0	0	0	Ō	
27	2051	Ō	0	0	0	Ō	
28	2052	0	0	0	0	0	0
	Equals: Amount To Accrue	6,638,324	3,274,288	3,344,134	1,728,519	(1,708,617)	
	Equais. Amount 10 Accrue	0,030,324	3,214,200	3,344,134	1,120,519	(1,700,617)	

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Legoland Solar	2023	2046	Labor	76,590	1.055	80,765	2047	1.749	141,278
•			Materials & Eq	79,695	1.014	80,795		1.785	144,199
			Disposal	41,630	1.042	43,365		1.551	67,249
			Salvage	(31,100)	1.014	(31,529)		1.785	(56,272)
				166.815		173.396			296.454

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

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L	egoland Solar	Total	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year 20						
	Cost @ Study Year 2025	173,396	80,765	80,795	43,365	(31,529)	
	Total Future Exp	296,454	141,278	144,199	67,249	(56,272)	
	Amount To Accrue	271,971	129,371	132,592	62,953	(52,945)	
	PV of Amount to Accrue	159,180	73,958	74,292	40,595	(29,665)	
	Capital Recovery Years	21					
	Compound Average Growth	2.59%	2.70%	2.80%	2.11%	2.80%	
_	First Year 2025 Accrual	9,911	4,660	4,726	2,413	(1,887)	
0	Reserve @ 12/31/2024	24,483	11,907	11,607	4,296	(3,327)	4-yr Avg
1	2025	9,911	4,660	4,726	2,413	(1,887)	
2	2026	10,167	4,785	4,858	2,464	(1,940)	
3	2027	10,430	4,914	4,994	2,516	(1,994)	
4	2028	10,700	5,047	5,133	2,569	(2,050)	10,302
5	2029	10,977	5,183	5,277	2,624	(2,107)	
6	2030	11,260	5,323	5,424	2,679	(2,166)	
7	2031	11,552	5,467	5,576	2,735	(2,227)	
8	2032	11,851	5,614	5,732	2,793	(2,289)	11,410
9	2033	12,158	5,766	5,892	2,852	(2,353)	
10	2034	12,472	5,921	6,057	2,912	(2,419)	
11	2035	12,795	6,081	6,227	2,974	(2,486)	
12	2036	13,127	6,245	6,401	3,037	(2,556)	12,638
13	2037	13,467	6,414	6,580	3,101	(2,627)	
14	2038	13,816	6,587	6,764	3,166	(2,701)	
15	2039	14,174	6,765	6,953	3,233	(2,776)	
16	2040	14,542	6,947	7,148	3,301	(2,854)	14,000
17	2041	14,919	7,135	7,347	3,371	(2,934)	•
18	2042	15,306	7,327	7,553	3,442	(3,016)	
19	2043	15,704	7,525	7,764	3,515	(3,100)	
20	2044	16,111	7,728	7,981	3,589	(3,187)	15,510
21	2045	16,530	7,936	8,205	3,665	(3,276)	
22	2046	0	0	0	0	, o	
23	2047	0	0	0	0	0	
24	2048	0	0	0	0	0	4,132
25	2049	0	0	0	0	0	
26	2050	Ō	0	Ō	0	0	
27	2051	Ö	Ō	Ö	Ō	ō	
28	2052	0	0	0	0	0	0
-	Equals: Amount To Accrue	271,971	129,371	132,592	62,953	(52,945)	

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Balm Solar	2023	2048	Labor	9,050,040	1.055	9,543,372	2049	1.858	17,728,303
			Materials & Eq	9,426,895	1.014	9,557,031		1.896	18,121,535
			Disposal	2,351,980	1.042	2,450,012		1.619	3,966,567
			Salvage	(7,390,700)	1.014	(7,492,727)		1.896	(14,207,311)
				13,438,215		14,057,689			25,609,094

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648 FILED: DECEMBER 27, 2023

E	Balm Solar	Total	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2048					
	Cost @ Study Year 2025	14,057,689	9,543,372	9,557,031	2,450,012	(7,492,727)	
	Total Future Exp	25,609,094	17,728,303	18,121,535	3,966,567	(14,207,311)	
	Amount To Accrue	23,433,128	16,372,942	16,802,351	3,577,200	(13,319,365)	
	PV of Amount to Accrue	12,860,153	8,813,764	8,861,313	2,209,513	(7,024,437)	
	Capital Recovery Years	23					
	Compound Average Growth	2.64%	2.73%	2.82%	2.12%	2.82%	
	First Year 2025 Accrual	752,998	521,024	528,906	122,337	(419,268)	
0	Reserve @ 12/31/2024	2,175,966	1,355,361	1,319,184	389,367	(887,946)	4-yr Avg
1	2025	752,998	521,024	528,906	122,337	(419,268)	
2	2026	772,901	535,244	543,825	124,926	(431,095)	
3	2027	793,334	549,852	559,166	127,571	(443,256)	
4	2028	814,311	564,859	574,940	130,271	(455,760)	783,386
5	2029	835,847	580,276	591,158	133,029	(468,616)	
6	2030	857,957	596,113	607,834	135,845	(481,835)	
7	2031	880,657	612,382	624,981	138,721	(495,427)	
8	2032	903,961	629,096	642,611	141,658	(509,403)	869,606
9	2033	927,887	646,266	660,738	144,656	(523,773)	
10	2034	952,452	663,904	679,377	147,719	(538,548)	
11	2035	977,671	682,023	698,541	150,846	(553,740)	
12	2036	1,003,563	700,638	718,246	154,039	(569,360)	965,393
13	2037	1,030,146	719,760	738,507	157,300	(585,421)	
14	2038	1,057,438	739,404	759,340	160,630	(601,935)	
15	2039	1,085,459	759,584	780,760	164,030	(618,915)	
16	2040	1,114,228	780,315	802,785	167,503	(636,374)	1,071,818
17	2041	1,143,765	801,612	825,430	171,048	(654,326)	
18	2042	1,174,091	823,490	848,715	174,669	(672,783)	
19	2043	1,205,226	845,965	872,656	178,367	(691,762)	
20	2044	1,237,194	869,054	897,273	182,143	(711,276)	1,190,069
21	2045	1,270,015	892,772	922,584	185,999	(731,340)	
22	2046	1,303,713	917,138	948,609	189,936	(751,971)	
23	2047	1,338,312	942,170	975,369	193,957	(773,183)	
24	2048	0	0	0	0	0	978,010
25	2049	0	0	0	0	0	
26	2050	0	0	0	0	0	
27	2051	0	0	0	0	0	
28	2052	0	0	0	0	0	0
29	2053	0	0	0	0	0	
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
-	Equals: Amount To Accrue	23,433,128	16,372,942	16,802,351	3,577,200	(13,319,365)	

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Bonnie Mine Solar	2023	2049	Labor	2,927,785	1.055	3,087,383	2050	1.917	5,918,349
			Materials & Eq	3.049.685	1.014	3.091.785		1.955	6.043.842
			Disposal	2,377,280	1.042	2,476,367		1.655	4,097,162
			Salvage	(2,211,400)	1.014	(2,241,928)		1.955	(4,382,535)
				6,143,350		6,413,607			11,676,817

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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	Bonnie Mine Solar	Total	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2049					
	Cost @ Study Year 2025	6,413,607	3,087,383	3,091,785	2,476,367	(2,241,928)	
	Total Future Exp	11,676,817	5,918,349	6,043,842	4,097,162	(4,382,535)	
	Amount To Accrue	10,808,545	5,466,024	5,604,108	3,842,648	(4,104,234)	
	PV of Amount to Accrue	5,941,233	2,851,422	2,866,835	2,322,536	(2,099,560)	
	Capital Recovery Years	24					
	Compound Average Growth	2.53%	2.75%	2.83%	2.12%	2.83%	
	First Year 2025 Accrual	332,803	163,840	166,235	124,472	(121,744)	
0	Reserve @ 12/31/2024	868,272	452,325	439,734	254,514	(278,301)	4-yr Avg
1	2025	332,803	163,840	166,235	124,472	(121,744)	
2	2026	341,205	168,343	170,943	127,111	(125,192)	
3	2027	349,822	172,970	175,785	129,806	(128,738)	
4	2028	358,661	177,724	180,763	132,558	(132,384)	345,623
5	2029	367,726	182,609	185,883	135,368	(136,134)	
6	2030	377,024	187,628	191,148	138,238	(139,989)	
7	2031	386,561	192,785	196,561	141,169	(143,954)	
8	2032	396,342	198,084	202,128	144,161	(148,031)	381,913
9	2033	406,375	203,528	207,853	147,218	(152,224)	
10	2034	416,666	209,122	213,740	150,339	(156,535)	
11	2035	427,221	214,869	219,794	153,526	(160,969)	
12	2036	438,048	220,775	226,019	156,781	(165,528)	422,077
13	2037	449,153	226,843	232,420	160,105	(170,216)	•
14	2038	460,544	233,078	239,003	163,499	(175,037)	
15	2039	472,228	239,484	245,772	166,966	(179,994)	
16	2040	484,213	246,066	252,733	170,506	(185,092)	466,534
17	2041	496.506	252,829	259.891	174,120	(190,334)	
18	2042	509,117	259,778	267,252	177,812	(195,725)	
19	2043	522,052	266,918	274,821	181,582	(201,268)	
20	2044	535,321	274,254	282,605	185,431	(206,969)	515,749
21	2045	548,933	281,792	290,609	189,363	(212,831)	•
22	2046	562.895	289.537	298.839	193,377	(218,859)	
23	2047	577,218	297,495	307,303	197,477	(225,057)	
24	2048	591,911	305,672	316.007	201.664	(231,431)	570.239
25	2049	0	0	0	0	O O	,
26	2050	0	0	0	0	0	
27	2051	0	0	0	0	0	
28	2052	ō	0	0	0	ō	0
29	2053	0	0	0	0	0	
30	2054	ō	ō	ō	Ō	ō	
31	2055	ō	ō	ō	Ō	ō	
32	2056	0	0	0	0	0	0
-	Equals: Amount To Accrue	10,808,545	5,466,024	5,604,108	3,842,648	(4,104,234)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Grange Hall Solar	2023	2049	Labor	5.068.625	1.055	5.344.924	2050	1.917	10.245.933
<b>.</b>			Materials & Eq	5,279,765	1.014	5,352,651		1.955	10,463,397
			Disposal	2,400,625	1.042	2,500,685		1.655	4,137,396
			Salvage	(3,628,000)	1.014	(3,678,084)		1.955	(7,189,942)
				9,121,015		9,520,176			17,656,784

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648 FILED: DECEMBER 27, 2023

(	Grange Hall Solar	<u>Total</u>	Labor	Mat & Eq	<u>Disposal</u>	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2049				/a a=a aa i	
	Cost @ Study Year 2025	9,520,176	5,344,924	5,352,651	2,500,685	(3,678,084)	
	Total Future Exp	17,656,784	10,245,933	10,463,397	4,137,396	(7,189,942)	
	Amount To Accrue	16,361,174	9,509,835	9,747,846	3,873,060	(6,769,567)	
	PV of Amount to Accrue	8,825,413	4,960,929	4,986,604	2,340,917	(3,463,037)	
	Capital Recovery Years	24					
	Compound Average Growth	2.61%	2.75%	2.83%	2.12%	2.83%	
	First Year 2025 Accrual	498,852	285,051	289,151	125,457	(200,806)	
0	Reserve @ 12/31/2024	1,295,610	736,098	715,551	264,336	(420,375)	4-yr Avg
1	2025	498,852	285,051	289,151	125,457	(200,806)	
2	2026	511,849	292,885	297,340	128,117	(206,493)	
3	2027	525,188	300,935	305,762	130,833	(212,342)	
4	2028	538,879	309,206	314,422	133,607	(218,356)	518,692
5	2029	552,931	317,705	323,327	136,439	(224,540)	
6	2030	567,353	326,437	332,484	139,332	(230,900)	
7	2031	582,156	335,409	341,901	142,286	(237,439)	
8	2032	597,350	344,627	351,584	145,302	(244,164)	574,948
9	2033	612,945	354,099	361,542	148,383	(251,079)	
10	2034	628,952	363,832	371,782	151,529	(258,191)	
11	2035	645,382	373,832	382,312	154,741	(265,503)	
12	2036	662,245	384,106	393,140	158,022	(273,023)	637,381
13	2037	679,554	394,664	404,274	161,372	(280,756)	
14	2038	697,321	405,511	415,724	164,793	(288,707)	
15	2039	715,558	416,656	427,499	168,287	(296,884)	
16	2040	734,277	428,108	439,607	171,855	(305,293)	706,678
17	2041	753,491	439,874	452,057	175,498	(313,939)	
18	2042	773,213	451,964	464,861	179,219	(322,831)	
19	2043	793,458	464,386	478,027	183,019	(331,974)	
20	2044	814,238	477,150	491,566	186,899	(341,377)	783,600
21	2045	835,568	490,264	505,488	190,861	(351,045)	
22	2046	857,464	503,739	519,805	194,908	(360,988)	
23	2047	879,939	517,584	534,527	199,040	(371,212)	
24	2048	903,010	531,810	549,666	203,260	(381,725)	868,996
25	2049	0	0	0	0	0	
26	2050	0	0	0	0	0	
27	2051	0	0	0	0	0	
28	2052	0	0	0	0	0	0
29	2053	0	0	0	0	0	
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
-	Equals: Amount To Accrue	16,361,174	9,509,835	9,747,846	3,873,060	(6,769,567)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Lake Hancock Solar	2023	2049	Labor	3,942,430	1.055	4,157,338	2050	1.917	7,969,395
			Materials & Eq	4,106,765	1.014	4,163,458		1.955	8,138,755
			Disposal	2,025,955	1.042	2,110,398		1.655	3,491,665
			Salvage	(2,889,500)	1.014	(2,929,389)		1.955	(5,726,388)
				7.185.650		7.501.806			13.873.426

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

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ı	_ake Hancock Solar	Total	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2049					
	Cost @ Study Year 2025	7,501,806	4,157,338	4,163,458	2,110,398	(2,929,389)	
	Total Future Exp	13,873,426	7,969,395	8,138,755	3,491,665	(5,726,388)	
	Amount To Accrue	12,860,530	7,397,769	7,583,059	3,272,335	(5,392,632)	
	PV of Amount to Accrue	6,957,509	3,859,142	3,879,186	1,977,833	(2,758,653)	
	Capital Recovery Years	24					
	Compound Average Growth	2.59%	2.75%	2.83%	2.12%	2.83%	
	First Year 2025 Accrual	392,716	221,743	224,937	105,998	(159,962)	
0	Reserve @ 12/31/2024	1,012,896	571,626	555,696	219,330	(333,756)	4-yr Avg
1	2025	392,716	221,743	224,937	105,998	(159,962)	
2	2026	402,898	227,837	231,307	108,245	(164,492)	
3	2027	413,347	234,100	237,859	110,540	(169,151)	
4	2028	424,071	240,534	244,595	112,884	(173,942)	408,258
5	2029	435,076	247,145	251,523	115,277	(178,868)	
6	2030	446,371	253,937	258,647	117,721	(183,934)	
7	2031	457,962	260,917	265,972	120,217	(189,144)	
8	2032	469,858	268,088	273,505	122,766	(194,501)	452,317
9	2033	482,066	275,457	281,251	125,368	(200,010)	
10	2034	494,596	283,027	289,217	128,026	(205,674)	
11	2035	507,456	290,806	297,408	130,740	(211,500)	
12	2036	520,653	298,799	305,832	133,512	(217,490)	501,193
13	2037	534,198	307,012	314,494	136,343	(223,650)	
14	2038	548,100	315,450	323,401	139,233	(229,984)	
15	2039	562,368	324,120	332,560	142,185	(236,498)	
16	2040	577,011	333,028	341,979	145,200	(243,196)	555,419
17	2041	592.041	342,181	351.665	148,278	(250,084)	
18	2042	607,466	351,586	361,625	151,422	(257,167)	
19	2043	623,298	361,249	371,867	154,632	(264,450)	
20	2044	639,548	371,178	382,399	157,910	(271,940)	615,588
21	2045	656,226	381,380	393,230	161,258	(279,642)	•
22	2046	673.344	391,862	404.367	164,677	(287,563)	
23	2047	690,914	402,633	415,820	168,168	(295,707)	
24	2048	708.947	413,699	427,597	171,734	(304,082)	682,358
25	2049	0	0	0	0	0	,
26	2050	0	0	0	0	0	
27	2051	0	0	0	0	0	
28	2052	0	0	o o	0	0	0
29	2053	0	0	0	0	0	_
30	2054	ő	0	0	o o	ő	
31	2055	ő	0	0	o o	ő	
32	2056	0	0	Õ	0	0	0
-	Equals: Amount To Accrue	12,860,530	7,397,769	7,583,059	3,272,335	(5,392,632)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Lithia Solar	2023	2049	Labor	5.716.765	1.055	6.028.395	2050	1.917	11.556.111
			Materials & Eq	5,954,700	1.014	6,036,903		1.955	11,800,978
			Disposal	3,895,510	1.042	4,057,877		1.655	6,713,780
			Salvage	(4,272,200)	1.014	(4,331,177)		1.955	(8,466,613)
				11 294 775		11 791 999			21 604 256

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648 FILED: DECEMBER 27, 2023

ı	Lithia Solar	<u>Total</u>	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025		· · · · · · · · · · · · · · · · · · ·		<u> </u>	
	Capital Recovery Year	2049					
	Cost @ Study Year 2025	11,791,999	6,028,395	6,036,903	4,057,877	(4,331,177)	
	Total Future Exp	21,604,256	11,556,111	11,800,978	6,713,780	(8,466,613)	
	Amount To Accrue	20,030,522	10,725,087	10,993,147	6,288,203	(7,975,915)	
	PV of Amount to Accrue	10,939,029	5,594,881	5,623,650	3,800,654	(4,080,155)	
	Capital Recovery Years	24					
	Compound Average Growth	2.55%	2.75%	2.83%	2.12%	2.83%	
	First Year 2025 Accrual	614,666	321,477	326,090	203,689	(236,590)	
0	Reserve @ 12/31/2024	1,573,734	831,024	807,831	425,577	(490,698)	4-yr Avg
1	2025	614,666	321,477	326,090	203,689	(236,590)	
2	2026	630,355	330,313	335,326	208,007	(243,291)	
3	2027	646,450	339,391	344,823	212,417	(250,181)	
4	2028	662,962	348,719	354,589	216,920	(257,267)	638,608
5	2029	679,902	358,304	364,632	221,519	(264,553)	
6	2030	697,281	368,152	374,959	226,216	(272,046)	
7	2031	715,110	378,270	385,579	231,012	(279,751)	
8	2032	733,402	388,667	396,500	235,909	(287,675)	706,424
9	2033	752,168	399,349	407,730	240,911	(295,822)	
10	2034	771,421	410,326	419,278	246,018	(304,201)	
11	2035	791,174	421,603	431,153	251,234	(312,816)	
12	2036	811,439	433,191	443,364	256,561	(321,676)	781,550
13	2037	832,231	445,097	455,921	262,000	(330,787)	
14	2038	853,563	457,331	468,834	267,554	(340,155)	
15	2039	875,450	469,900	482,112	273,227	(349,789)	
16	2040	897,905	482,815	495,767	279,019	(359,696)	864,787
17	2041	920,945	496,085	509,808	284,935	(369,884)	
18	2042	944,583	509,720	524,247	290,976	(380,360)	
19	2043	968,837	523,730	539,095	297,145	(391,133)	
20	2044	993,722	538,124	554,364	303,444	(402,210)	957,022
21	2045	1,019,255	552,915	570,065	309,878	(413,602)	
22	2046	1,045,453	568,111	586,210	316,447	(425,316)	
23	2047	1,072,333	583,726	602,813	323,156	(437,362)	
24	2048	1,099,914	599,769	619,886	330,008		1,059,239
25	2049	0	0	0	0	0	
26	2050	0	0	0	0	0	
27	2051	0	0	0	0	0	
28	2052	0	0	0	0	0	0
29	2053	0	0	0	0	0	
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	_
32	2056	0	0	0	0	0	0
	Equals: Amount To Accrue	20,030,522	10,725,087	10,993,147	6,288,203	(7,975,915)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Little Manatee River Solar	2023	2050	Labor	6,061,650	1.055	6,392,080	2051	1.979	12,652,495
			Materials & Eq	6,314,190	1.014	6,401,356		2.016	12,904,266
			Disposal	3,916,670	1.042	4,079,919		1.691	6,898,846
			Salvage	(4,602,400)	1.014	(4,665,935)		2.016	(9,405,893)
				11,690,110		12,207,421			23,049,714

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

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ı	Little Manatee River Solar	Total	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2050					
	Cost @ Study Year 2025	12,207,421	6,392,080	6,401,356	4,079,919	(4,665,935)	
	Total Future Exp	23,049,714	12,652,495	12,904,266	6,898,846	(9,405,893)	
	Amount To Accrue	21,440,394	11,789,875	12,066,729	6,473,521	(8,889,731)	
	PV of Amount to Accrue	11,360,666	5,956,282	5,985,883	3,828,386	(4,409,885)	
	Capital Recovery Years	25					
	Compound Average Growth	2.58%	2.77%	2.84%	2.12%	2.84%	
	First Year 2025 Accrual	621,187	333,306	337,804	198,942	(248,865)	
0	Reserve @ 12/31/2024	1,609,320	862,620	837,537	425,325	(516,162)	4-yr Avg
1	2025	621,187	333,306	337,804	198,942	(248,865)	
2	2026	637,169	342,534	347,411	203,167	(255,943)	
3	2027	653,568	352,018	357,291	207,480	(263,221)	
4	2028	670,396	361,765	367,452	211,886	(270,707)	645,580
5	2029	687,663	371,782	377,902	216,385	(278,406)	
6	2030	705,381	382,076	388,649	220,980	(286,323)	
7	2031	723,562	392,655	399,702	225,672	(294,466)	
8	2032	742,219	403,527	411,069	230,463	(302,840)	714,706
9	2033	761,363	414,699	422,759	235,357	(311,452)	
10	2034	781,008	426,182	434,782	240,354	(320,310)	
11	2035	801,167	437,982	447,146	245,458	(329,419)	
12	2036	821,854	450,109	459,863	250,670	(338,787)	791,348
13	2037	843,082	462,572	472,940	255,992	(348,422)	
14	2038	864,867	475,379	486,390	261,428	(358,331)	
15	2039	887,222	488,542	500,223	266,979	(368,521)	
16	2040	910,163	502,068	514,448	272,648	(379,001)	876,334
17	2041	933,706	515,970	529,079	278,437	(389,780)	
18	2042	957,866	530,256	544,125	284,349	(400,865)	
19	2043	982,659	544,938	559,599	290,387	(412,265)	
20	2044	1,008,104	560,026	575,514	296,553	(423,989)	970,584
21	2045	1,034,216	575,532	591,881	302,850	(436,047)	
22	2046	1,061,013	591,468	608,713	309,280	(448,448)	
23	2047	1,088,515	607,844	626,024	315,847	(461,201)	
24	2048	1,116,739	624,675	643,827	322,554	(474,317)	1,075,121
25	2049	1,145,705	641,971	662,137	329,403	(487,806)	
26	2050	0	0	0	0	0	
27	2051	0	0	0	0	0	
28	2052	0	0	0	0	0	286,426
29	2053	0	0	0	0	0	
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
_	Equals: Amount To Accrue	21,440,394	11,789,875	12,066,729	6,473,521	(8,889,731)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY **2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3** 

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Payne Creek Solar	2023	2048	Labor	5,762,765	1.055	6,076,903	2049	1.858	11,288,795
-			Materials & Eq	6,002,885	1.014	6,085,753		1.896	11,539,483
			Disposal	3,725,425	1.042	3,880,703		1.619	6,282,854
			Salvage	(4,240,600)	1.014	(4,299,140)		1.896	(8,151,802)
				11,250,475		11,744,219			20,959,330

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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	Payne Creek Solar	Total	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2048					
	Cost @ Study Year 2025	11,744,219	6,076,903	6,085,753	3,880,703	(4,299,140)	
	Total Future Exp	20,959,330	11,288,795	11,539,483	6,282,854	(8,151,802)	
	Amount To Accrue	19,352,242	10,423,331	10,697,149	5,880,782	(7,649,020)	
	PV of Amount to Accrue	10,850,908	5,611,012	5,641,519	3,632,357	(4,033,981)	
	Capital Recovery Years	23					
	Compound Average Growth	2.55%	2.73%	2.82%	2.12%	2.82%	
	First Year 2025 Accrual	628,760	331,694	336,726	201,117	(240,776)	
0	Reserve @ 12/31/2024	1,607,088	865,464	842,334	402,072	(502,782)	4-yr Avg
1	2025	628,760	331,694	336,726	201,117	(240,776)	
2	2026	644,777	340,747	346,224	205,374	(247,568)	
3	2027	661,207	350,047	355,991	209,722	(254,552)	
4	2028	678,062	359,600	366,033	214,161	(261,733)	653,202
5	2029	695,352	369,415	376,358	218,695	(269,116)	
6	2030	713,089	379,497	386,975	223,325	(276,707)	
7	2031	731,285	389,854	397,891	228,052	(284,513)	
8	2032	749,951	400,495	409,115	232,880	(292,539)	722,419
9	2033	769,100	411,425	420,656	237,810	(300,791)	
10	2034	788,744	422,654	432,522	242,844	(309,276)	
11	2035	808,897	434,189	444,723	247,985	(318,001)	
12	2036	829,571	446,039	457,269	253,234	(326,971)	799,078
13	2037	850,781	458,213	470,168	258,595	(336,194)	
14	2038	872,541	470,719	483,431	264,069	(345,678)	
15	2039	894,864	483,566	497,068	269,659	(355,429)	
16	2040	917,765	496,764	511,090	275,368	(365,456)	883,988
17	2041	941,261	510,322	525,507	281,197	(375,765)	
18	2042	965,366	524,250	540,331	287,150	(386,365)	
19	2043	990,096	538,558	555,573	293,229	(397,264)	
20	2044	1,015,467	553,256	571,245	299,436	(408,470)	978,047
21	2045	1,041,498	568,356	587,359	305,775	(419,993)	
22	2046	1,068,204	583,868	603,928	312,248	(431,840)	
23	2047	1,095,604	599,803	620,964	318,858	(444,022)	
24	2048	0	0	0	0	0	801,326
25	2049	0	0	0	0	0	
26	2050	0	0	0	0	0	
27	2051	0	0	0	0	0	
28	2052	0	0	0	0	0	0
29	2053	0	0	0	0	0	
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	0
	Equals: Amount To Accrue	19,352,242	10,423,331	10,697,149	5,880,782	(7,649,020)	

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Peace Creek Solar	2023	2049	Labor	4,382,650	1.055	4,621,555	2050	1.917	8,859,274
			Materials & Eq	4,565,040	1.014	4,628,059		1.955	9,046,961
			Disposal	2,222,720	1.042	2,315,364		1.655	3,830,783
			Salvage	(3,300,700)	1.014	(3,346,265)		1.955	(6,541,301)
				7,869,710		8,218,714			15,195,716

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	Peace Creek Solar	Total	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2049					
	Cost @ Study Year 2025	8,218,714	4,621,555	4,628,059	2,315,364	(3,346,265)	
	Total Future Exp	15,195,716	8,859,274	9,046,961	3,830,783	(6,541,301)	
	Amount To Accrue	14,073,917	8,219,443	8,424,962	3,589,154	(6,159,641)	
	PV of Amount to Accrue	7,615,947	4,287,779	4,309,870	2,169,321	(3,151,024)	
	Capital Recovery Years	24					
	Compound Average Growth	2.59%	2.75%	2.83%	2.12%	2.83%	
	First Year 2025 Accrual	429,829	246,372	249,910	116,261	(182,714)	
0	Reserve @ 12/31/2024	1,121,799	639,831	621,999	241,629	(381,660)	4-yr Avg
1	2025	429,829	246,372	249,910	116,261	(182,714)	
2	2026	440,968	253,144	256,988	118,725	(187,889)	
3	2027	452,400	260,101	264,267	121,242	(193,210)	
4	2028	464,132	267,250	271,751	123,813	(198,682)	446,832
5	2029	476,172	274,595	279,448	126,438	(204,309)	
6	2030	488,528	282,142	287,363	129,118	(210,096)	
7	2031	501,208	289,897	295,501	131,856	(216,046)	
8	2032	514,222	297,865	303,871	134,651	(222,165)	495,032
9	2033	527,577	306,052	312,477	137,506	(228,458)	
10	2034	541,284	314,463	321,327	140,421	(234,928)	
11	2035	555,351	323,106	330,428	143,398	(241,582)	
12	2036	569,788	331,987	339,787	146,439	(248,424)	548,500
13	2037	584,605	341,112	349,410	149,543	(255,460)	
14	2038	599,811	350,487	359,306	152,714	(262,695)	
15	2039	615,418	360,120	369,483	155,951	(270,136)	
16	2040	631,436	370,018	379,947	159,258	(277,786)	607,818
17	2041	647,876	380,188	390,708	162,634	(285,654)	
18	2042	664,749	390,637	401,774	166,082	(293,744)	
19	2043	682,066	401,374	413,154	169,603	(302,064)	
20	2044	699,840	412,405	424,855	173,199	(310,619)	673,633
21	2045	718,082	423,740	436,888	176,871	(319,417)	
22	2046	736,806	435,387	449,262	180,621	(328,463)	
23	2047	756,023	447,353	461,986	184,450	(337,766)	
24	2048	775,747	459,649	475,071	188,360	(347,333)	746,664
25	2049	0	0	0	0	0	
26	2050	0	0	0	0	0	
27	2051	0	0	0	0	0	
28	2052	0	0	0	0	0	0
29	2053	0	0	0	0	0	
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
	Equals: Amount To Accrue	14,073,917	8,219,443	8,424,962	3,589,154	(6,159,641)	

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Wimauma Solar	2023	2050	Labor	6,130,190	1.055	6,464,357	2051	1.979	12,795,558
			Materials & Eq	6,343,285	1.014	6,430,853		2.016	12,963,727
			Disposal	5,252,740	1.042	5,471,678		1.691	9,252,207
			Salvage	(4,267,300)	1.014	(4,326,209)		2.016	(8,721,051)
				13.458.915		14.040.678			26.290.442

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V	Vimauma Solar	<u>Total</u>	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2050				/	
	Cost @ Study Year 2025	14,040,678	6,464,357	6,430,853	5,471,678	(4,326,209)	
	Total Future Exp	26,290,442	12,795,558	12,963,727	9,252,207	(8,721,051)	
	Amount To Accrue	24,598,922	11,982,228	12,174,037	8,710,095	(8,267,439)	
	PV of Amount to Accrue	13,142,464	6,053,460	6,039,115	5,151,077	(4,101,188)	
	Capital Recovery Years	25					
	Compound Average Growth	2.54%	2.77%	2.84%	2.12%	2.84%	
_	First Year 2025 Accrual	715,784	338,744	340,808	267,676	(231,444)	
0	Reserve @ 12/31/2024	1,691,520	813,330	789,690	542,112	(453,612)	4-yr Avg
1	2025	715,784	338,744	340,808	267,676	(231,444)	
2	2026	733,957	348,123	350,500	273,360	(238,026)	
3	2027	752,598	357,762	360,468	279,164	(244,795)	
4	2028	771,721	367,667	370,720	285,092	(251,757)	743,515
5	2029	791,338	377,847	381,262	291,145	(258,917)	-
6	2030	811,461	388,309	392,105	297,327	(266,280)	
7	2031	832,104	399,061	403,256	303,640	(273,853)	
8	2032	853,281	410,110	414,724	310,088	(281,641)	
9	2033	875,005	421,465	426,518	316,672	(289,650)	
10	2034	897,291	433,135	438,648	323,396	(297,888)	
11	2035	920,154	445,128	451,123	330,263	(306,359)	
12	2036	943,608	457,452	463,952	337,275	(315,072)	
13	2037	967,669	470,118	477,146	344,437	(324,032)	
14	2038	992,354	483,135	490,716	351,750	(333,247)	
15	2039	1,017,678	496,512	504,671	359,219	(342,724)	
16	2040	1,043,659	510,260	519,023	366,847		1,005,340
17	2041	1,070,313	524,388	533,784	374,636	(362,495)	
18	2042	1,097,658	538,907	548,964	382,591	(372,804)	
19	2043	1,125,713	553,829	564,576	390,714	(383,406)	
20	2044	1,154,496	569,163	580,632	399.011		1,112,045
21	2045	1,184,026	584,922	597,144	407,483	(405,523)	.,,
22	2046	1,214,323	601,118	614,126	416,135	(417,056)	
23	2047	1,245,408	617,762	631,591	424,971	(428,916)	
24	2048	1,277,300	634,866	649,553	433,995		1,230,264
25	2049	1,310,021	652,445	668,025	443,210	(453,659)	1,200,204
26	2050	0	0	000,020	140,210	(400,000)	
27	2051	0	0	0	0	0	
28	2052	0	0	0	0	0	327,505
29	2052	0	0	0	0	0	321,000
30	2054	0	0	0	0	0	
31	2054	0	0	0	0	0	
32	2056	0	0	0	0	0	0
J2 -	2036						
_	Equals: Amount To Accrue	24,598,922	11,982,228	12,174,037	8,710,095	(8,267,439)	

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Agrivoltaics Solar	2023	2052	Labor	53,820	1.055	56,754	2053	2.110	119,769
•			Materials & Eq	55,890	1.014	56,662		2.145	121,522
			Disposal	35,880	1.042	37,376		1.766	66,001
			Salvage	(38,800)	1.014	(39,336)		2.145	(84,363)
				106,790		111,455		-	222,929

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,	Agrivoltaics Solar	<u>Total</u>	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2052					
	Cost @ Study Year 2025	111,455	56,754	56,662	37,376	(39,336)	
	Total Future Exp	222,929	119,769	121,522	66,001	(84,363)	
	Amount To Accrue	222,929	119,769	121,522	66,001	(84,363)	
	PV of Amount to Accrue	111,455	56,754	56,662	37,376	(39,336)	
	Capital Recovery Years	27					
	Compound Average Growth	2.60%	2.80%	2.87%	2.13%	2.87%	
	First Year 2025 Accrual	5,790	3,025	3,043	1,834	(2,112)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	5,790	3,025	3,043	1,834	(2,112)	·
2	2026	5,941	3,110	3,130	1,873	(2,173)	
3	2027	6,095	3,197	3,220	1,913	(2,235)	
4	2028	6,254	3,287	3,312	1,954	(2,299)	6,020
5	2029	6,417	3,379	3,407	1,995	(2,365)	
6	2030	6,584	3,474	3,505	2,038	(2,433)	
7	2031	6,755	3,572	3,605	2,081	(2,503)	
8	2032	6,931	3,672	3,708	2,126	(2,574)	6,672
9	2033	7,112	3,775	3,815	2,171	(2,648)	
10	2034	7,297	3,881	3,924	2,217	(2,724)	
11	2035	7,488	3,989	4,036	2,264	(2,802)	
12	2036	7,683	4,101	4,152	2,312	(2,883)	7,395
13	2037	7,884	4,216	4,271	2,362	(2,965)	
14	2038	8,090	4,335	4,394	2,412	(3,050)	
15	2039	8,301	4,456	4,520	2,463	(3,138)	
16	2040	8,518	4,581	4,649	2,516	(3,228)	8,198
17	2041	8,741	4,710	4,782	2,569	(3,320)	
18	2042	8,970	4,842	4,919	2,624	(3,415)	
19	2043	9,205	4,978	5,060	2,680	(3,513)	
20	2044	9,446	5,117	5,205	2,737	(3,614)	9,090
21	2045	9,693	5,261	5,355	2,795	(3,717)	
22	2046	9,947	5,408	5,508	2,855	(3,824)	
23	2047	10,208	5,560	5,666	2,915	(3,933)	
24	2048	10,475	5,716	5,828	2,977	(4,046)	10,081
25	2049	10,750	5,876	5,995	3,041	(4,162)	
26	2050	11,032	6,041	6,167	3,105	(4,281)	
27	2051	11,322	6,210	6,344	3,172	(4,404)	
28	2052	0	0	0	0	0	8,276
29	2053	0	0	0	0	0	
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
-	Equals: Amount To Accrue	222,929	119,769	121,522	66,001	(84,363)	

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Alafia Solar	2023	2053	Labor	3,206,315	1.055	3,381,096	2054	2.179	7,366,869
			Materials & Eq	3,339,715	1.014	3,385,819		2.212	7,490,004
			Disposal	3,516,700	1.042	3,663,278		1.804	6,610,157
			Salvage	(2,115,700)	1.014	(2,144,907)		2.212	(4,744,896)
				7.947.030		8.285.287			16.722.133

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A	Alafia Solar Year of Study	<u>Total</u> 2025	<u>Labor</u>	Mat & Eq	Disposal	Salvage	
		2025					
	Capital Recovery Year		0.004.000	0.005.040	0.000.070	(0.444.007)	
	Cost @ Study Year 2025	8,285,287	3,381,096	3,385,819	3,663,278	(2,144,907)	
	Total Future Exp	16,722,133	7,366,869	7,490,004	6,610,157	(4,744,896)	
	Amount To Accrue	16,722,133	7,366,869	7,490,004	6,610,157	(4,744,896)	
	PV of Amount to Accrue	8,285,287	3,381,096	3,385,819	3,663,278	(2,144,907)	
	Capital Recovery Years	28					
	Compound Average Growth	2.54%	2.82%	2.88%	2.13%	2.88%	
_	First Year 2025 Accrual	416,450	176,257	177,721	175,058	(112,586)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	416,450	176,257	177,721	175,058	(112,586)	
2	2026	427,024	181,228	182,833	178,788	(115,824)	
3	2027	437,872	186,339	188,091	182,596	(119,155)	
4	2028	449.000	191.595	193.501	186,486	(122,582)	432.587
5	2029	460,417	196,999	199,067	190,459	(126,108)	, , , , ,
6	2030	472,129	202,555	204,792	194,517	(129,735)	
7	2031	484,145	208,268	210,683	198,661	(133,467)	
8	2032	496,472	214,142	216,742	202,893	(137,306)	478,291
9	2033	509,119	220.182	222,976	207,216	(141,255)	,
10	2034	522,094	226,392	229,389	211,630	(145,318)	
11	2035	535.406	232,777	235,987	216,139	(149,497)	
12	2036	549,064	239.343	242,775	220,743	(153,797)	528.921
13	2037	563,076	246,093	249,757	225,446	(158,221)	,
14	2038	577,453	253.034	256,941	230,249	(162,771)	
15	2039	592,203	260,171	264,331	235,154	(167,453)	
16	2040	607,337	267,509	271,934	240,164	(172,269)	585.017
17	2041	622,865	275,054	279,755	245,281	(177,224)	000,011
18	2042	638,797	282.811	287.801	250,506	(182,321)	
19	2043	655,145	290,788	296,079	255,843	(187,565)	
20	2044	671,918	298.989	304,595	261,293	(192,960)	647.181
21	2045	689,128	307,422	313,356	266,860	(198,510)	047,101
22	2046	706.787	316,093	322,368	272,545	(204,220)	
23	2047	724,907	325,008	331,640	278,352	(210,093)	
24	2047	743,499	334,175	341,179	284,282	(216,136)	716.080
25	2049	762,577	343,600	350,992	290,338	(222,353)	710,000
26	2049	782,154	353,291	361.087	296,523	(228,748)	
27	2050	802,242	363,255	371,473	302,840	(235,327)	
28	2052	822,855	373,501	382,157	309,292	(242,096)	792,457
29	2052	822,855 0	373,501	362,157	309,292	(242,096)	192,431
30	2054	0	0	0	0	0	
30		-		0			
	2055	0	0	0	0	0	•
32 -	2056				U		0
	Equals: Amount To Accrue	16,722,133	7,366,869	7,490,004	6,610,157	(4,744,896)	

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Big Bend Floating Solar	2023	2052	Labor	50,255	1.055	52,994	2053	2.110	111,836
			Materials & Eq	52,325	1.014	53,047		2.145	113,771
			Disposal	11,845	1.042	12,339		1.766	21,789
			Salvage	(76,100)	1.014	(77,151)		2.145	(165,465)
				38 325		41 230			81 930

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648 FILED: DECEMBER 27, 2023

E	Big Bend Floating Solar	<u>Total</u>	<u>Labor</u>	Mat & Eq	<u>Disposal</u>	<u>Salvage</u>	
	Year of Study Capital Recovery Year	2025 2052					
	Cost @ Study Year 2025	41,230	52.994	53.047	12,339	(77,151)	
	Total Future Exp	81,930	111,836	113,771	21,789	(165,465)	
	Amount To Accrue	81,930	111,836	113,771	21,789	(165,465)	
	PV of Amount to Accrue	41,230	52,994	53,047	12,339	(77,151)	
	Capital Recovery Years	27			,	( , - ,	
	Compound Average Growth	2.58%	2.80%	2.87%	2.13%	2.87%	
	First Year 2025 Accrual	2,136	2,825	2,849	606	(4,143)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	2,136	2,825	2,849	606	(4,143)	
2	2026	2,191	2,904	2,930	618	(4,262)	
3	2027	2,248	2,986	3,014	632	(4,384)	
4	2028	2,306	3,069	3,101	645	(4,510)	2,220
5	2029	2,365	3,155	3,190	659	(4,639)	
6	2030	2,426	3,244	3,281	673	(4,772)	
7	2031	2,489	3,335	3,375	687	(4,909)	
8	2032	2,553	3,429	3,472	702	(5,049)	2,458
9	2033	2,619	3,525	3,571	717	(5,194)	
10 11	2034 2035	2,686 2,756	3,624 3,725	3,674 3,779	732 747	(5,343)	
12	2035	2,756	3,725	3,779	747 763	(5,496) (5,654)	2.722
13	2036	2,900	3,937	3,999	780	(5,816)	2,122
14	2037	2,975	4.047	4.113	796	(5,982)	
15	2039	3,052	4,161	4,231	813	(6,154)	
16	2040	3,131	4,278	4,353	830	(6,330)	3.014
17	2041	3,211	4,398	4,477	848	(6,512)	-,
18	2042	3,295	4,521	4,606	866	(6,698)	
19	2043	3,380	4,648	4,738	885	(6,890)	
20	2044	3,467	4,778	4,873	903	(7,088)	3,338
21	2045	3,557	4,912	5,013	923	(7,291)	
22	2046	3,649	5,050	5,157	942	(7,500)	
23	2047	3,744	5,192	5,305	962	(7,715)	
24	2048	3,841	5,337	5,457	983	(7,936)	3,698
25	2049	3,940	5,487	5,613	1,004	(8,163)	
26	2050	4,042	5,641	5,774	1,025	(8,397)	
27	2051	4,147	5,799	5,939	1,047	(8,638)	2 022
28 29	2052 2053	0	0	0	0	0	3,033
30	2053	0	0	0	0	0	
31	2054	0	0	0	0	0	
32	2056	0	0	0	0	0	0
-	Equals: Amount To Accrue	81,930	111,836	113,771	21,789	(165,465)	

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Big Bend Solar Phase 2	2023	2052	Labor	819,490	1.055	864,162	2053	2.110	1,823,662
· ·			Materials & Eq	853,645	1.014	865,429		2.145	1,856,093
			Disposal	172,845	1.042	180,049		1.766	317,947
			Salvage	(537,900)	1.014	(545,326)		2.145	(1,169,564)
				1 308 080		1 364 315			2 828 138

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648 FILED: DECEMBER 27, 2023

ı	Big Bend Solar Phase 2 Year of Study	Total 2025	<u>Labor</u>	Mat & Eq	<u>Disposal</u>	Salvage	
	Capital Recovery Year Cost @ Study Year 2025	2052 1,364,315	864,162	865,429	180,049	(545,326)	
	Total Future Exp	2,828,138	1,823,662	1,856,093	317,947	(1,169,564)	
	Amount To Accrue	2,828,138	1,823,662	1,856,093	317,947	(1,169,564)	
	PV of Amount to Accrue	1,364,315	864,162	865,429	180,049	(545,326)	
	Capital Recovery Years	27	001,102	000,120	100,010	(0.10,020)	
	Compound Average Growth	2.74%	2.80%	2.87%	2.13%	2.87%	
	First Year 2025 Accrual	72,092	46,066	46,475	8,836	(29,285)	
0	Reserve @ 12/31/2024	·- 0	 0			0	4-yr Avg
1	2025	72,092	46,066	46,475	8,836	(29,285)	4-yi Avg
2	2026	74,065	47,358	47,807	9,024	(30,124)	
3	2027	76,092	48,686	49,177	9,216	(30,988)	
4	2028	78,175	50,052	50,587	9,412	(31,876)	75,106
5	2029	80,315	51,455	52,037	9,613	(32,789)	,
6	2030	82,515	52,899	53,528	9,817	(33,729)	
7	2031	84,775	54,382	55,063	10,026	(34,696)	
8	2032	87,097	55,908	56,641	10,240	(35,691)	83,676
9	2033	89,484	57,476	58,264	10,458	(36,714)	
10	2034	91,936	59,088	59,934	10,680	(37,766)	
11	2035	94,456	60,745	61,652	10,907	(38,848)	
12	2036	97,045	62,448	63,419	11,140	(39,962)	93,230
13	2037	99,706	64,200	65,237	11,377	(41,107)	
14	2038	102,441	66,001	67,107	11,619	(42,285)	
15	2039	105,251	67,852	69,030	11,866	(43,497)	
16	2040	108,138	69,755	71,009	12,119	(44,744)	103,884
17	2041	111,105	71,711	73,044	12,377	(46,027)	
18	2042	114,154	73,722	75,138	12,640	(47,346)	
19	2043	117,288	75,790	77,291	12,909	(48,703)	445 704
20	2044	120,508	77,916	79,507	13,184	(50,099)	115,764
21 22	2045 2046	123,816	80,101	81,786	13,465	(51,535)	
23	2046	127,217 130,711	82,348 84,657	84,130 86,541	13,751 14,044	(53,012) (54,531)	
24	2047	134,302	87,032	89,022	14,343	(56,094)	129,011
25	2048	137,992	89,473	91,573	14,648	(57,702)	123,011
26	2049	141,784	91,982	94,198	14,960	(59,356)	
27	2051	145,680	94,562	96,898	15,278	(61,057)	
28	2052	0	0	0	0	(01,007)	106,364
29	2053	ő	ő	Ö	ő	Ö	,,
30	2054	ō	ō	Ō	Ō	Ō	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
	Equals: Amount To Accrue	2,828,138	1,823,662	1,856,093	317,947	(1,169,564)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Brewster Solar	2023	2054	Labor	2,268,720	1.055	2,392,392	2055	2.250	5,381,875
			Materials & Eq	2,363,020	1.014	2,395,641		2.282	5,466,260
			Disposal	1,801,935	1.042	1,877,041		1.844	3,460,937
			Salvage	(1,591,800)	1.014	(1,613,774)		2.282	(3,682,234)
				4.841.875		5.051.299			10.626.839

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

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E	Brewster Solar	<u>Total</u>	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2054					
	Cost @ Study Year 2025	5,051,299	2,392,392	2,395,641	1,877,041	(1,613,774)	
	Total Future Exp	10,626,839	5,381,875	5,466,260	3,460,937	(3,682,234)	
	Amount To Accrue	10,626,839	5,381,875	5,466,260	3,460,937	(3,682,234)	
	PV of Amount to Accrue	5,051,299	2,392,392	2,395,641	1,877,041	(1,613,774)	
	Capital Recovery Years	29					
	Compound Average Growth	2.60%	2.84%	2.89%	2.13%	2.89%	
	First Year 2025 Accrual	249,721	122,107	123,056	87,452	(82,894)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	249,721	122,107	123,056	87,452	(82,894)	
2	2026	256,207	125,569	126,607	89,317	(85,286)	
3	2027	262,863	129,129	130,260	91,222	(87,747)	
4	2028	269,696	132,790	134,019	93,167	(90,279)	259,622
5	2029	276,709	136,554	137,886	95,153	(92,884)	
6	2030	283,908	140,426	141,865	97,182	(95,564)	
7	2031	291,298	144,407	145,958	99,254	(98,322)	
8	2032	298,883	148,501	150,170	101,370	(101,159)	287,700
9	2033	306,668	152,711	154,503	103,532	(104,078)	,
10	2034	314,661	157,041	158,961	105,739	(107,081)	
11	2035	322.864	161,493	163,548	107,994	(110,171)	
12	2036	331,286	166,072	168,267	110,297	(113,350)	318.870
13	2037	339,930	170,780	173,122	112,648	(116,620)	,
14	2038	348.805	175,622	178,118	115,050	(119,985)	
15	2039	357,914	180,601	183,257	117,503	(123,448)	
16	2040	367,266	185,721	188,545	120,009	(127,010)	353,479
17	2041	376,865	190,987	193,986	122,568	(130,674)	000,
18	2042	386.720	196,401	199,583	125,181	(134,445)	
19	2043	396,837	201,969	205,342	127,850	(138,324)	
20	2044	407.223	207,695	211,267	130,576	(142,316)	391.912
21	2045	417,885	213,584	217,363	133,361	(146,422)	001,012
22	2046	428,831	219,639	223,635	136,204	(150.647)	
23	2047	440,068	225,866	230,088	139,108	(154,994)	
24	2048	451.605	232,270	236,727	142,074	(159,466)	434.597
25	2049	463,449	238,855	243,558	145,104	(164,068)	404,001
26	2050	475.608	245,627	250,586	148,198	(168.802)	
27	2050	488,092	252,591	257,816	151,357	(173,673)	
28	2052	500,908	259,752	265,256	154,585	(178,684)	482.014
29	2052	514.066	267.116	272,909	157,881	(183.840)	-02,014
30	2054	514,000	267,116	272,909	157,661	(163,640)	
31	2054	0	0	0	0	0	
32	2056	0	0	0	0	0	128,517
32	2056	U				U	120,517
-	Equals: Amount To Accrue	10,626,839	5,381,875	5,466,260	3,460,937	(3,682,234)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Bull Frog Creek Solar	2023	2054	Labor	4,084,915	1.055	4,307,590	2055	2.250	9,690,268
· ·			Materials & Eq	4,255,000	1.014	4,313,739		2.282	9,842,886
			Disposal	3,248,635	1.042	3,384,040		1.844	6,239,582
			Salvage	(2,567,900)	1.014	(2,603,349)		2.282	(5,940,199)
				9 020 650		9 402 021			19 832 537

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

E	Bull Frog Creek Solar	Total	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2054					
	Cost @ Study Year 2025	9,402,021	4,307,590	4,313,739	3,384,040	(2,603,349)	
	Total Future Exp	19,832,537	9,690,268	9,842,886	6,239,582	(5,940,199)	
	Amount To Accrue	19,832,537	9,690,268	9,842,886	6,239,582	(5,940,199)	
	PV of Amount to Accrue	9,402,021	4,307,590	4,313,739	3,384,040	(2,603,349)	
	Capital Recovery Years	29					
	Compound Average Growth	2.61%	2.84%	2.89%	2.13%	2.89%	
	First Year 2025 Accrual	465,380	219,858	221,583	157,664	(133,726)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	465,380	219,858	221,583	157,664	(133,726)	
2	2026	477,510	226,091	227,977	161,026	(137,584)	
3	2027	489,961	232,501	234,555	164,460	(141,554)	
4	2028	502,743	239,093	241,323	167,966	(145,639)	483,898
5	2029	515,864	245,871	248,286	171,548	(149,841)	
6	2030	529,333	252,842	255,450	175,205	(154,165)	
7	2031	543,160	260,010	262,821	178,941	(158,613)	
8	2032	557,354	267,382	270,405	182,757	(163,190)	536,428
9	2033	571,925	274,963	278,208	186,653	(167,899)	
10	2034	586,883	282,758	286,235	190,633	(172,743)	
11	2035	602,239	290,775	294,494	194,698	(177,728)	
12	2036	618,003	299,018	302,992	198,849	(182,856)	594,763
13	2037	634,187	307,496	311,735	203,089	(188,133)	
14	2038	650,802	316,214	320,730	207,420	(193,561)	
15	2039	667,859	325,179	329,984	211,842	(199,146)	
16	2040	685,371	334,398	339,506	216,359	(204,893)	659,555
17	2041	703,349	343,878	349,303	220,972	(210,805)	
18	2042	721,806	353,628	359,382	225,684	(216,887)	
19	2043	740,755	363,653	369,751	230,496	(223,146)	
20	2044	760,210	373,963	380,421	235,411	(229,584)	731,530
21	2045	780,184	384,566	391,398	240,430	(236,209)	
22	2046	800,692	395,469	402,691	245,557	(243,025)	
23	2047	821,747	406,681	414,311	250,792	(250,037)	
24	2048	843,364	418,210	426,266	256,140	(257,252)	811,497
25	2049	865,559	430,067	438,565	261,601	(264,675)	
26	2050	888,347	442,260	451,220	267,179	(272,312)	
27	2051	911,745	454,799	464,240	272,876	(280,170)	
28	2052	935,769	467,693	477,636	278,694	(288,254)	900,355
29	2053	960,435	480,952	491,418	284,637	(296,571)	
30	2054	0	0	0	0	O O	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	240,109
-	Equals: Amount To Accrue	19,832,537	9,690,268	9,842,886	6,239,582	(5,940,199)	

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY **2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

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	PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
-	Cotton Mouth Ranch Solar	2023	2054	Labor	4,124,820	1.055	4,349,671	2055	2.250	9,784,930
				Materials & Eq	4,296,745	1.014	4,356,061		2.282	9,939,452
				Disposal	3,547,750	1.042	3,695,623		1.844	6,814,086
				Salvage	(2,550,600)	1.014	(2,585,810)		2.282	(5,900,180)
					9,418,715		9,815,543			20,638,289

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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	Cotton Mouth Ranch Solar	Total	Labor	Mat & Eq	Disposal	<u>Salvage</u>	
	Year of Study	2025	Labor	mar a Eq	<u>Diopoda.</u>	<u>ourrago</u>	
	Capital Recovery Year	2054					
	Cost @ Study Year 2025	9,815,543	4,349,671	4,356,061	3,695,623	(2,585,810)	
	Total Future Exp	20,638,289	9,784,930	9,939,452	6,814,086	(5,900,180)	
	Amount To Accrue	20,638,289	9,784,930	9,939,452	6,814,086	(5,900,180)	
	PV of Amount to Accrue	9,815,543	4,349,671	4,356,061	3,695,623	(2,585,810)	
	Capital Recovery Years	29					
	Compound Average Growth	2.60%	2.84%	2.89%	2.13%	2.89%	
	First Year 2025 Accrual	485,119	222,006	223,757	172,181	(132,825)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	485,119	222,006	223,757	172,181	(132,825)	
2	2026	497,708	228,300	230,213	175,853	(136,657)	
3	2027	510,630	234,772	236,856	179,602	(140,601)	
4	2028	523,893	241,428	243,690	183,432	(144,658)	504,338
5	2029	537,506	248,273	250,722	187,343	(148,832)	
6	2030	551,480	255,312	257,957	191,337	(153,126)	
7	2031	565,823	262,550	265,400	195,417	(157,545)	
8	2032	580,545	269,994	273,058	199,584	(162,091)	558,839
9	2033	595,657	277,649	280,937	203,839	(166,768)	
10	2034	611,170	285,520	289,043	208,186	(171,580)	
11	2035	627,093	293,615	297,384	212,625	(176,531)	
12	2036	643,438	301,939	305,965	217,158	(181,624)	619,339
13	2037	660,216	310,500	314,793	221,789	(186,865)	
14	2038	677,440	319,303	323,877	226,518	(192,257)	
15	2039	695,120	328,355	333,222	231,347	(197,805)	CDC F44
16 17	2040 2041	713,270 731,901	337,665 347,238	342,837 352,729	236,280 241,318	(203,512) (209,384)	686,511
18	2041	751,027	357,082	362,907	246,464	(215,426)	
19	2042	770,661	367,206	373,379	251,719	(221,642)	
20	2043	790.818	377,617	384,153	257,086	(228,038)	761,102
21	2044	811,510	388,323	395,237	262,568	(234,618)	701,102
22	2046	832,752	399,332	406,642	268,166	(241,388)	
23	2047	854,560	410,653	418,376	273,884	(248,353)	
24	2048	876,948	422,296	430,448	279,724	(255,519)	843,943
25	2049	899,933	434,268	442,868	285,688	(262,892)	0.10,0.10
26	2050	923,529	446,580	455,647	291,780	(270,478)	
27	2051	947,755	459,242	468,795	298,001	(278,282)	
28	2052	972,626	472,262	482,322	304,355	(286,312)	935,961
29	2053	998,161	485,651	496,239	310,844	(294,573)	
30	2054	0	0	0	0	O O	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	249,540
	Equals: Amount To Accrue	20,638,289	9,784,930	9,939,452	6,814,086	(5,900,180)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY

EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Durrance Solar	2023	2051	Labor	5,738,500	1.055	6,051,315	2052	2.044	12,368,673
			Materials & Eq	5,977,240	1.014	6,059,754		2.079	12,600,067
			Disposal	2,278,610	1.042	2,373,584		1.728	4,101,948
			Salvage	(4,340,200)	1.014	(4,400,115)		2.079	(9,149,175)
				9.654.150		10.084.538			19.921.514

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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	Ourrance Solar	<u>Total</u>	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2051	0.054.045	0.050.754	0.070.504	(4.400.445)	
	Cost @ Study Year 2025	10,084,538	6,051,315	6,059,754	2,373,584	(4,400,115)	
	Total Future Exp	19,921,514	12,368,673	12,600,067	4,101,948	(9,149,175)	
	Amount To Accrue	19,921,514	12,368,673	12,600,067	4,101,948	(9,149,175)	
	PV of Amount to Accrue	10,084,538	6,051,315	6,059,754	2,373,584	(4,400,115)	
	Capital Recovery Years	26					
	Compound Average Growth	2.65%	2.79%	2.86%	2.13%	2.86%	
	First Year 2025 Accrual	541,369	330,285	333,361	119,784	(242,060)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	541,369	330,285	333,361	119,784	(242,060)	
2	2026	555,731	339,492	342,880	122,331	(248,973)	
3	2027	570,478	348,956	352,671	124,932	(256,082)	
4	2028	585,620	358,684	362,742	127,589	(263,394)	563,299
5	2029	601,169	368,683	373,100	130,302	(270,916)	
6	2030	617,136	378,961	383,754	133,073	(278,652)	
7	2031	633,531	389,526	394,712	135,902	(286,609)	
8	2032	650,367	400,385	405,983	138,792	(294,793)	625,551
9	2033	667,655	411,546	417,576	141,743	(303,211)	,
10	2034	685,407	423,019	429,500	144,757	(311,869)	
11	2035	703,637	434,812	441.765	147,835	(320,775)	
12	2036	722,357	446,933	454,379	150,979	(329,934)	694.764
13	2037	741,580	459,392	467,354	154,189	(339,356)	,
14	2038	761,320	472,199	480,700	157,468	(349,046)	
15	2039	781,592	485,363	494,426	160,816	(359,013)	
16	2040	802,408	498,893	508,544	164,236	(369,265)	771.725
17	2041	823,786	512,801	523,066	167,728	(379,809)	771,720
18	2042	845,738	527,097	538,002	171,294	(390,655)	
19	2043	868,282	541,791	553,365	174,937	(401,810)	
20	2044	891,434	556,894	569,167	178,657	(413,284)	857.310
21	2045	915,208	572,419	585,419	182,455	(425,085)	001,010
22	2046	939.624	588,376	602,136	186,335	(437,224)	
23	2047	964,698	604,779	619,330	190,297	(449,709)	
24	2047	990.447	621,638	637,015	194,344	(462,550)	952.494
25	2049	1,016,891	638,968	655,205	198,476	(475,758)	332,434
26	2049	1.044.048	656,781	673.915	202.697	(489,344)	
27	2050	1,044,046	030,781	0/3,913	202,097	(469,344)	
28	2052	0	0	0	0	0	515,235
26 29	2052	0	0	0	0	0	313,233
30	2053	0	0	0	0	0	
		-	-		0		
31	2055	0	0	0	0	0	•
32	2056						0
	Equals: Amount To Accrue	19,921,514	12,368,673	12,600,067	4,101,948	(9,149,175)	

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WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Eastern PVS+ES Solar	2023	2053	Labor	36,225	1.055	38,200	2054	2.179	83,231
			Materials & Eq	37,605	1.014	38,124		2.212	84,337
			Disposal	47,265	1.042	49,235		1.804	88,842
			Salvage	(33,700)	1.014	(34,165)		2.212	(75,579)
				87.395		91.394		•	180.830

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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ı	Eastern PVS+ES Solar Year of Study	<u>Total</u> 2025	<u>Labor</u>	Mat & Eq	<u>Disposal</u>	<u>Salvage</u>	
	Capital Recovery Year	2053					
	Cost @ Study Year 2025	91,394	38,200	38,124	49,235	(34,165)	
	Total Future Exp	180,830	83,231	84,337	88,842	(75,579)	
	Amount To Accrue	180,830	83,231	84,337	88,842	(75,579)	
	PV of Amount to Accrue	91,394	38,200	38,124	49,235	(34,165)	
	Capital Recovery Years	28					
	Compound Average Growth	2.47%	2.82%	2.88%	2.13%	2.88%	
	First Year 2025 Accrual	4,552	1,991	2,001	2,353	(1,793)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	4,552	1,991	2,001	2,353	(1,793)	
2	2026	4,664	2,048	2,059	2,403	(1,845)	
3	2027	4.779	2,105	2,118	2,454	(1,898)	
4	2028	4,897	2,165	2,179	2,506	(1,953)	4,723
5	2029	5,018	2,226	2,241	2,560	(2,009)	-,
6	2030	5,142	2,288	2,306	2,614	(2,066)	
7	2031	5,269	2,353	2,372	2,670	(2,126)	
8	2032	5,400	2,419	2,441	2,727	(2,187)	5,207
9	2033	5,533	2,488	2,511	2,785	(2,250)	-,
10	2034	5,670	2,558	2,583	2,844	(2,315)	
11	2035	5.811	2,630	2,657	2,905	(2,381)	
12	2036	5,955	2,704	2,734	2,967	(2,450)	5.742
13	2037	6,102	2,780	2,812	3,030	(2,520)	-,
14	2038	6,254	2,859	2,893	3,095	(2,593)	
15	2039	6,409	2,939	2,976	3,161	(2,667)	
16	2040	6,568	3.022	3.062	3,228	(2,744)	6,333
17	2041	6,731	3,108	3,150	3,297	(2,823)	-,
18	2042	6,899	3,195	3,241	3,367	(2,904)	
19	2043	7,070	3,285	3,334	3,439	(2,988)	
20	2044	7,246	3,378	3,430	3,512	(3,074)	6,986
21	2045	7,426	3,473	3,528	3,587	(3,162)	-,
22	2046	7.611	3,571	3,630	3,663	(3,253)	
23	2047	7.801	3,672	3,734	3,741	(3,346)	
24	2048	7,995	3,776	3,842	3,821	(3,443)	7,708
25	2049	8,195	3,882	3,952	3,902	(3,542)	.,
26	2050	8,399	3,991	4,066	3,985	(3,644)	
27	2051	8,609	4,104	4,183	4,070	(3,748)	
28	2052	8,824	4,220	4,303	4,157	(3,856)	8,506
29	2053	0	0	0	0	0	
30	2054	ō	ō	ō	ō	ō	
31	2055	ō	ō	ō	ō	ō	
32	2056	0	Ō	ō	ō	ō	0
	Equals: Amount To Accrue	180,830	83,231	84,337	88,842	(75,579)	

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY

**EXHIBIT 3** 

**BATES STAMPED PAGES: 468 - 648** 

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
English Creek Solar	2023	2054	Labor	4,131,490	1.055	4,356,704	2055	2.250	9,800,753
· ·			Materials & Eq	4,303,415	1.014	4,362,823		2.282	9,954,882
			Disposal	2,403,040	1.042	2,503,200		1.844	4,615,467
			Salvage	(2,546,600)	1.014	(2,581,755)		2.282	(5,890,927)
				8.291.345		8.640.972			18.480.175

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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ı	English Creek Solar Year of Study Capital Recovery Year	<u>Total</u> 2025 2054	Labor	Mat & Eq	Disposal	Salvage	
	Cost @ Study Year 2025	8,640,972	4,356,704	4,362,823	2,503,200	(2,581,755)	
	Total Future Exp	18,480,175	9,800,753	9,954,882	4,615,467	(5,890,927)	
	Amount To Accrue	18,480,175	9,800,753	9,954,882	4,615,467	(5,890,927)	
	PV of Amount to Accrue	8,640,972	4,356,704	4,362,823	2,503,200	(2,581,755)	
	Capital Recovery Years	29					
	Compound Average Growth	2.66%	2.84%	2.89%	2.13%	2.89%	
	First Year 2025 Accrual	430,478	222,365	224,104	116,626	(132,616)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	430,478	222,365	224,104	116,626	(132,616)	
2	2026	441,909	228,669	230,571	119,112	(136,443)	
3	2027	453,648	235,152	237,224	121,652	(140,380)	
4	2028	465,703	241,819	244,069	124,246	(144,431)	447,934
5	2029	478,083	248,675	251,111	126,895	(148,598)	
6	2030	490,797	255,725	258,357	129,601	(152,886)	
7	2031	503,853	262,975	265,812	132,364	(157,298)	
8	2032	517,263	270,431	273,482	135,186	(161,836)	497,499
9	2033	531,034	278,098	281,373	138,069	(166,506)	
10	2034	545,176	285,982	289,492	141,013	(171,311)	
11	2035	559,701	294,090	297,845	144,020	(176,254)	FF0 C00
12 13	2036 2037	574,618	302,428	306,440	147,090	(181,340)	552,632
14	2037	589,938 605,673	311,002 319,819	315,282 324,379	150,227 153,430	(186,572) (191,956)	
15	2039	621,832	328,886	333,739	156,701	(197,494)	
16	2039	638,429	338,211	343,369	160,042	(203,193)	613.968
17	2041	655,475	347,799	353,277	163,455	(209,056)	010,000
18	2042	672,982	357,660	363,471	166,940	(215,088)	
19	2043	690,963	367,800	373,959	170,500	(221,295)	
20	2044	709,431	378,227	384,749	174,135	(227,680)	682,213
21	2045	728,400	388,950	395,851	177,848	(234,250)	•
22	2046	747,882	399,978	407,273	181,640	(241,009)	
23	2047	767,892	411,317	419,025	185,513	(247,963)	
24	2048	788,445	422,979	431,116	189,469	(255,118)	758,155
25	2049	809,555	434,971	443,556	193,509	(262,480)	
26	2050	831,238	447,303	456,354	197,635	(270,053)	
27	2051	853,509	459,984	469,522	201,849	(277,846)	
28	2052	876,385	473,025	483,070	206,152	(285,863)	842,672
29	2053	899,882	486,436	497,009	210,548	(294,111)	
30	2054	0	0	0	0	0	
31 32	2055 2056	0	0	0	0	0	224,970
-							,,,,,,,
	Equals: Amount To Accrue	18,480,175	9,800,753	9,954,882	4,615,467	(5,890,927)	

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WITNESS: CHRONISTER

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Florida Aquarium Pavilion Solar	2023	2050	Labor	4,945	1.055	5,215	2051	1.979	10,322
			Materials & Eq	5,060	1.014	5,130		2.016	10,341
			Disposal	4,600	1.042	4,792		1.691	8,102
			Salvage	(5,000)	1.014	(5,069)		2.016	(10,218)
								-	
				9,605		10,067			18,547

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FI	orida Aquarium Pavilion Solar	<u>Total</u>	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2050					
	Cost @ Study Year 2025	10,067	5,215	5,130	4,792	(5,069)	
	Total Future Exp	18,547	10,322	10,341	8,102	(10,218)	
	Amount To Accrue	18,547	10,322	10,341	8,102	(10,218)	
	PV of Amount to Accrue	10,067	5,215	5,130	4,792	(5,069)	
	Capital Recovery Years	25					
	Compound Average Growth	2.47%	2.77%	2.84%	2.12%	2.84%	
	First Year 2025 Accrual	544	292	289	249	(286)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	544	292	289	249	(286)	
2	2026	558	300	298	254	(294)	
3	2027	572	308	306	260	(303)	
4	2028	586	317	315	265	(311)	565
5	2029	600	325	324	271	(320)	
6	2030	615	334	333	277	(329)	
7	2031	630	344	343	282	(338)	
8	2032	646	353	352	288	(348)	623
9	2033	662	363	362	295	(358)	
10	2034	678	373	373	301	(368)	
11	2035	695	383	383	307	(379)	
12	2036	712	394	394	314	(389)	687
13	2037	730	405	405	320	(401)	
14	2038	748	416	417	327	(412)	
15	2039	767	428	429	334	(424)	
16	2040	786	440	441	341	(436)	758
17	2041	806	452	453	349	(448)	
18	2042	826	464	466	356	(461)	
19	2043	846	477	480	363	(474)	
20	2044	867	490	493	371	(487)	836
21	2045	889	504	507	379	(501)	000
22	2046	911	518	522	387	(515)	
23	2047	934	532	536	395	(530)	
24	2048	957	547	552	404	(545)	923
25	2049	981	562	567	412	(561)	323
26	2050	0	0	0	0	(301)	
27	2051	0	0	0	0	0	
28	2052	0	0	0	0	0	245
29	2052	0	0	0	0	0	245
30	2053	0	0	0	0	0	
31	2054 2055	0	0	0	0	0	
32	2055	0	0	0	0	0	0
32	2056						U
	Equals: Amount To Accrue	18,547	10,322	10,341	8,102	(10,218)	

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TAMPA ELECTRIC COMPANY **2023 DEPRECIATION AND DISMANTLEMENT STUDY** 

**EXHIBIT 3** 

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Future Property 1 Solar	2023	2055	Labor	3,856,065	1.055	4,066,265	2056	2.323	9,444,372
			Materials & Eq	4,016,490	1.014	4,071,937		2.354	9,583,404
			Disposal	4,204,285	1.042	4,379,522		1.884	8,251,348
			Salvage	(2,367,300)	1.014	(2,399,980)		2.354	(5,648,413)
				9.709.540		10.117.745			21.630.712

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,	Future Property 1 Solar Year of Study Capital Recovery Year	<u>Total</u> 2025 2055	<u>Labor</u>	Mat & Eq	<u>Disposal</u>	<u>Salvage</u>	
	Cost @ Study Year 2025	10,117,745	4,066,265	4,071,937	4,379,522	(2,399,980)	
	Total Future Exp	21,630,712	9,444,372	9,583,404	8,251,348	(5,648,413)	
	Amount To Accrue	21,630,712	9,444,372	9,583,404	8,251,348	(5,648,413)	
	PV of Amount to Accrue	10,117,745	4,066,265	4,071,937	4,379,522	(2,399,980)	
	Capital Recovery Years	30					
	Compound Average Growth	2.57%	2.85%	2.89%	2.13%	2.89%	
	First Year 2025 Accrual	486,727	203,424	204,914	199,164	(120,776)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	486,727	203,424	204,914	199,164	(120,776)	
2	2026	499,207	209,219	210,845	203,414	(124,271)	
3	2027	512,014	215,179	216,947	207,755	(127,868)	
4	2028	525,155	221,309	223,226	212,188	(131,568)	505,776
5	2029	538,640	227,614	229,686	216,716	(135,376)	
6	2030	552,478	234,098	236,334	221,340	(139,294)	
7	2031	566,679	240,767	243,174	226,064	(143,325)	
8	2032	581,252	247,626	250,211	230,888	(147,473)	559,762
9	2033	596,206	254,681	257,453	235,815	(151,741)	
10	2034	611,553	261,936	264,904	240,847	(156,133)	
11	2035	627,303	269,398	272,570	245,986	(160,652)	
12	2036	643,466	277,073	280,459	251,235	(165,301)	619,632
13	2037	660,053	284,966	288,576	256,596	(170,085)	
14	2038	677,076	293,084	296,928	262,072	(175,008)	
15	2039	694,546	301,433	305,521	267,664	(180,073)	
16	2040	712,476	310,021	314,363	273,376	(185,284)	686,038
17	2041	730,877	318,853	323,461	279,209	(190,647)	
18 19	2042	749,762	327,936	332,823	285,167	(196,164)	
20	2043 2044	769,145 789,038	337,278 346,887	342,455 352,366	291,253 297,468	(201,841) (207,683)	759,705
21	2044	809,455	356,769	362,564	303,815	(213,694)	759,705
22	2043	830,410	366,932	373,057	310,299	(219,878)	
23	2047	851,918	377,386	383,854	316,920	(226,242)	
24	2048	873,993	388,137	394,964	323,683	(232,790)	841.444
25	2049	896,651	399,194	406,394	330,590	(239,527)	011,111
26	2050	919,907	410,566	418,156	337,644	(246,459)	
27	2051	943,778	422,262	430,258	344,849	(253,592)	
28	2052	968,279	434,292	442,710	352,208	(260,931)	932,154
29	2053	993,428	446,664	455,523	359,724	(268,483)	-
30	2054	1,019,242	459,388	468,706	367,400	(276,253)	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	503,167
-	Equals: Amount To Accrue	21,630,712	9,444,372	9,583,404	8,251,348	(5,648,413)	

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BATES STAMPED PAGES: 468 - 648

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Future Property 2 Solar	2023	2055	Labor	3,856,065	1.055	4,066,265	2056	2.323	9,444,372
			Materials & Eq	4,016,490	1.014	4,071,937		2.354	9,583,404
			Disposal	4,204,285	1.042	4,379,522		1.884	8,251,348
			Salvage	(2,367,300)	1.014	(2,399,980)		2.354	(5,648,413)
				9.709.540		10.117.745			21.630.712

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ı	Future Property 2 Solar Year of Study	<u>Total</u> 2025	Labor	Mat & Eq	Disposal	Salvage	
	Capital Recovery Year	2055					
	Cost @ Study Year 2025	10,117,745	4,066,265	4,071,937	4,379,522	(2,399,980)	
	Total Future Exp	21,630,712	9,444,372	9,583,404	8,251,348	(5,648,413)	
	Amount To Accrue	21,630,712	9,444,372	9,583,404	8,251,348	(5,648,413)	
	PV of Amount to Accrue	10,117,745	4,066,265	4,071,937	4,379,522	(2,399,980)	
	Capital Recovery Years	30					
	Compound Average Growth	2.57%	2.85%	2.89%	2.13%	2.89%	
	First Year 2025 Accrual	486,727	203,424	204,914	199,164	(120,776)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	486,727	203,424	204,914	199,164	(120,776)	
2	2026	499,207	209,219	210,845	203,414	(124,271)	
3	2027	512,014	215,179	216,947	207,755	(127,868)	
4	2028	525,155	221,309	223,226	212,188	(131,568)	505,776
5	2029	538,640	227,614	229,686	216,716	(135,376)	
6	2030	552,478	234,098	236,334	221,340	(139,294)	
7	2031	566,679	240,767	243,174	226,064	(143,325)	
8	2032	581,252	247,626	250,211	230,888	(147,473)	559,762
9	2033	596,206	254,681	257,453	235,815	(151,741)	
10	2034	611,553	261,936	264,904	240,847	(156,133)	
11	2035	627,303	269,398	272,570	245,986	(160,652)	
12	2036	643,466	277,073	280,459	251,235	(165,301)	619,632
13	2037	660,053	284,966	288,576	256,596	(170,085)	
14	2038	677,076	293,084	296,928	262,072	(175,008)	
15	2039	694,546	301,433	305,521	267,664	(180,073)	
16	2040	712,476	310,021	314,363	273,376	(185,284)	686,038
17	2041	730,877	318,853	323,461	279,209	(190,647)	
18	2042	749,762	327,936	332,823	285,167	(196,164)	
19	2043	769,145	337,278	342,455	291,253	(201,841)	750 705
20 21	2044	789,038	346,887	352,366	297,468	(207,683)	759,705
22	2045 2046	809,455	356,769	362,564	303,815	(213,694)	
23	2046	830,410 851,918	366,932 377,386	373,057 383,854	310,299 316,920	(219,878) (226,242)	
24	2047	873,993	388,137	394,964	323,683	(232,790)	841.444
25	2049	896,651	399,194	406,394	330,590	(239,527)	041,444
26	2050	919,907	410,566	418,156	337,644	(246,459)	
27	2051	943,778	422,262	430,258	344,849	(253,592)	
28	2052	968,279	434,292	442,710	352,208	(260,931)	932,154
29	2053	993,428	446,664	455,523	359,724	(268,483)	,
30	2054	1,019,242	459,388	468,706	367,400	(276,253)	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	503,167
	Equals: Amount To Accrue	21,630,712	9,444,372	9,583,404	8,251,348	(5,648,413)	

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Jamison Solar	2023	2052	Labor	4,209,575	1.055	4,439,046	2053	2.110	9,367,830
			Materials & Eq	4,384,950	1.014	4,445,483		2.145	9,534,261
			Disposal	4,257,415	1.042	4,434,867		1.766	7,831,488
			Salvage	(3,500,400)	1.014	(3,548,722)		2.145	(7,610,971)
				9.351.540		9.770.674			19.122.608

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

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	Jamison Solar	<u>Total</u>	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2052					
	Cost @ Study Year 2025	9,770,674	4,439,046	4,445,483	4,434,867	(3,548,722)	
	Total Future Exp	19,122,608	9,367,830	9,534,261	7,831,488	(7,610,971)	
	Amount To Accrue	19,122,608	9,367,830	9,534,261	7,831,488	(7,610,971)	
	PV of Amount to Accrue	9,770,674	4,439,046	4,445,483	4,434,867	(3,548,722)	
	Capital Recovery Years	27					
	Compound Average Growth	2.52%	2.80%	2.87%	2.13%	2.87%	
	First Year 2025 Accrual	502,433	236,632	238,729	217,643	(190,572)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	502,433	236,632	238,729	217,643	(190,572)	
2	2026	515,082	243,269	245,572	222,275	(196,034)	
3	2027	528,056	250,092	252,611	227,006	(201,653)	
4	2028	541,363	257,106	259,851	231,838	(207,433)	521,733
5	2029	555,011	264,317	267,299	236,773	(213,378)	,
6	2030	569,009	271,731	274,961	241,812	(219,494)	
7	2031	583,367	279,352	282,842	246,959	(225,786)	
8	2032	598,094	287,187	290,949	252,216	(232,257)	576,370
9	2033	613,199	295,242	299,288	257,584	(238,914)	,
10	2034	628,693	303,522	307,866	263,066	(245,762)	
11	2035	644,585	312,035	316,690	268,666	(252,806)	
12	2036	660,886	320,787	325,768	274,384	(260,052)	636.841
13	2037	677,607	329,784	335,105	280,224	(267,506)	,
14	2038	694,758	339,033	344,710	286,189	(275,174)	
15	2039	712,352	348,542	354,590	292,280	(283,061)	
16	2040	730,399	358,318	364,753	298,501	(291,174)	703,779
17	2041	748,911	368,367	375,208	304,855	(299,520)	,
18	2042	767,900	378,699	385,963	311,344	(308,105)	
19	2043	787,380	389,320	397,025	317,970	(316,936)	
20	2044	807,363	400,240	408,405	324,738	(326,020)	777.889
21	2045	827,862	411,465	420,111	331,650	(335,364)	,000
22	2046	848,890	423,005	432,152	338,709	(344,977)	
23	2047	870,462	434,869	444,539	345,919	(354,865)	
24	2048	892,592	447,066	457,280	353,281	(365,036)	859,951
25	2049	915,294	459,605	470,387	360,801	(375,499)	000,001
26	2050	938,584	472,495	483,870	368,480	(386,261)	
27	2051	962,477	485,747	497,738	376,323	(397,333)	
28	2052	0 02,477	403,747	497,730	0 0,020	(397,333)	704,089
29	2053	0	0	0	0	0	,003
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
02							U
	Equals: Amount To Accrue	19,122,608	9,367,830	9,534,261	7,831,488	(7,610,971)	

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WITNESS: CHRONISTER

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Juniper Solar	2023	2054	Labor	3,831,570	1.055	4,040,435	2055	2.250	9,089,281
-			Materials & Eq	3,991,075	1.014	4,046,171		2.282	9,232,361
			Disposal	4,630,015	1.042	4,822,997		1.844	8,892,769
			Salvage	(2,332,300)	1.014	(2,364,497)		2.282	(5,395,197)
				10,120,360		10,545,106			21,819,213

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

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	Juniper Solar	<u>Total</u>	<u>Labor</u>	Mat & Eq	Disposal	Salvage	
	Year of Study	2025	· · · · · · · · · · · · · · · · · · ·	· ·	· · · · · · · · · · · · · · · · · · ·	· ·	
	Capital Recovery Year	2054					
	Cost @ Study Year 2025	10,545,106	4,040,435	4,046,171	4,822,997	(2,364,497)	
	Total Future Exp	21,819,213	9,089,281	9,232,361	8,892,769	(5,395,197)	
	Amount To Accrue	21,819,213	9,089,281	9,232,361	8,892,769	(5,395,197)	
	PV of Amount to Accrue	10,545,106	4,040,435	4,046,171	4,822,997	(2,364,497)	
	Capital Recovery Years	29					
	Compound Average Growth	2.54%	2.84%	2.89%	2.13%	2.89%	
	First Year 2025 Accrual	517,311	206,222	207,839	224,706	(121,457)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	517,311	206,222	207,839	224,706	(121,457)	
2	2026	530,441	212,069	213,836	229,498	(124,961)	
3	2027	543,912	218,081	220,006	234,391	(128,567)	
4	2028	557,731	224,264	226,354	239,389	(132,277)	537,349
5	2029	571,908	230,622	232,886	244,493	(136,094)	
6	2030	586,452	237,161	239,606	249,706	(140,020)	
7	2031	601,374	243,885	246,519	255,030	(144,061)	
8	2032	616,682	250,799	253,633	260,468	(148,218)	594,104
9	2033	632,388	257,909	260,951	266,022	(152,494)	
10	2034	648,502	265,221	268,481	271,694	(156,895)	
11	2035	665,034	272,741	276,228	277,487	(161,422)	
12	2036	681,996	280,473	284,198	283,404	(166,080)	656,980
13	2037	699,399	288,425	292,399	289,447	(170,872)	
14	2038	717,254	296,602	300,836	295,618	(175,802)	
15	2039	735,574	305,011	309,517	301,921	(180,875)	
16	2040	754,371	313,659	318,448	308,359	(186,094)	726,650
17	2041	773,658	322,551	327,636	314,934	(191,464)	
18	2042	793,447	331,696	337,090	321,649	(196,988)	
19	2043	813,752	341,100	346,817	328,507	(202,672)	
20	2044	834,586	350,770	356,824	335,512	(208,521)	803,860
21	2045	855,964	360,715	367,120	342,666	(214,537)	
22	2046	877,899	370,942	377,713	349,972	(220,728)	
23	2047	900,408	381,458	388,612	357,434	(227,097)	
24	2048	923,505	392,273	399,826	365,055	(233,650)	889,444
25	2049	947,205	403,395	411,363	372,839	(240,392)	
26	2050	971,524	414,831	423,232	380,789	(247,328)	
27	2051	996,480	426,592	435,445	388,908	(254,465)	
28	2052	1,022,089	438,687	448,009	397,201	(261,807)	984,325
29	2053	1,048,368	451,124	460,936	405,670	(269,362)	
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	262,092
	Equals: Amount To Accrue	21,819,213	9,089,281	9,232,361	8,892,769	(5,395,197)	

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Lake Mabel Solar	2023	2054	Labor	4,301,345	1.055	4,535,818	2055	2.250	10,203,684
			Materials & Eq	4,425,775	1.014	4,486,872		2.282	10,237,931
			Disposal	4,233,265	1.042	4,409,710		1.844	8,130,740
			Salvage	(3,121,600)	1.014	(3,164,693)		2.282	(7,221,046)
				9.838.785		10.267.708			21.351.309

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

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ı	Lake Mabel Solar	<u>Total</u>	<u>Labor</u>	Mat & Eq	<u>Disposal</u>	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2054					
	Cost @ Study Year 2025	10,267,708	4,535,818	4,486,872	4,409,710	(3,164,693)	
	Total Future Exp	21,351,309	10,203,684	10,237,931	8,130,740	(7,221,046)	
	Amount To Accrue	21,351,309	10,203,684	10,237,931	8,130,740	(7,221,046)	
	PV of Amount to Accrue	10,267,708	4,535,818	4,486,872	4,409,710	(3,164,693)	
	Capital Recovery Years	29					
	Compound Average Growth	2.56%	2.84%	2.89%	2.13%	2.89%	
	First Year 2025 Accrual	504,874	231,507	230,476	205,451	(162,560)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	504,874	231,507	230,476	205,451	(162,560)	
2	2026	517,778	238,070	237,127	209,832	(167,251)	
3	2027	531,017	244,820	243,969	214,306	(172,077)	
4	2028	544,602	251,761	251,008	218,875	(177,042)	524,568
5	2029	558,541	258,898	258,251	223,542	(182,150)	•
6	2030	572,843	266,238	265,703	228,309	(187,406)	
7	2031	587,519	273,786	273,370	233,177	(192,814)	
8	2032	602,577	281,549	281,258	238,148	(198,378)	580,370
9	2033	618,029	289,531	289,374	243,226	(204,102)	-
10	2034	633,884	297,739	297,723	248,412	(209,991)	
11	2035	650,153	306,181	306,314	253,709	(216,050)	
12	2036	666,848	314,861	315,153	259,119	(222,284)	642.229
13	2037	683,979	323,788	324,246	264,644	(228,698)	,
14	2038	701,559	332,968	333,602	270,286	(235,297)	
15	2039	719,599	342,408	343,228	276,050	(242,087)	
16	2040	738,111	352,115	353,132	281,936	(249,072)	710.812
17	2041	757,108	362,098	363,322	287,947	(256,259)	,
18	2042	776,602	372,364	373,805	294,087	(263,653)	
19	2043	796,608	382,921	384,591	300,357	(271,261)	
20	2044	817,139	393,777	395,689	306,761	(279,088)	786.864
21	2045	838,208	404,941	407,106	313,302	(287,141)	700,004
22	2046	859,831	416,422	418,853	319,983	(295,427)	
23	2047	882,021	428,228	430,939	326,805	(303,951)	
24	2047	904,794	440,368	443,374	333,773	(312,722)	871,214
25	2049	928,166	452,853	456,167	340,890	(321,745)	071,214
26	2049	952,152	465,692	469,330	348,159		
27						(331,029)	
28	2051 2052	976,769 1,002,034	478,895 492,472	482,872 496,806	355,582 363,164	(340,581)	964.780
29	2052	1,002,034				(350,408)	304,700
30		1,027,964	506,435 0	511,141 0	370,908 0	(360,519)	
31	2054 2055	0	0	0	0	0	
		0		0	0	0	250 204
32	2056		0				256,991
	Equals: Amount To Accrue	21,351,309	10,203,684	10,237,931	8,130,740	(7,221,046)	

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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FILED: 07/02/2024

TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

**BATES STAMPED PAGES: 468 - 648** 

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Laurel Oaks Solar	2023	2052	Labor	3,342,130	1.055	3,524,315	2053	2.110	7,437,450
			Materials & Eq	3,481,165	1.014	3,529,222		2.145	7,569,148
			Disposal	2,728,490	1.042	2,842,215		1.766	5,019,040
			Salvage	(2,217,600)	1.014	(2,248,213)		2.145	(4,821,760)
				7.334.185		7.647.538			15.203.878

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY

EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

	Laurel Oaks Solar	<u>Total</u>	<u>Labor</u>	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2052					
	Cost @ Study Year 2025	7,647,538	3,524,315	3,529,222	2,842,215	(2,248,213)	
	Total Future Exp	15,203,878	7,437,450	7,569,148	5,019,040	(4,821,760)	
	Amount To Accrue	15,203,878	7,437,450	7,569,148	5,019,040	(4,821,760)	
	PV of Amount to Accrue	7,647,538	3,524,315	3,529,222	2,842,215	(2,248,213)	
	Capital Recovery Years	27					
	Compound Average Growth	2.58%	2.80%	2.87%	2.13%	2.87%	
	First Year 2025 Accrual	396,146	187,871	189,525	139,483	(120,733)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	396,146	187,871	189,525	139,483	(120,733)	· ·
2	2026	406,356	193,140	194,957	142,452	(124,193)	
3	2027	416,833	198,557	200,545	145,484	(127,753)	
4	2028	427,585	204,126	206,293	148,580	(131,414)	411,730
5	2029	438,618	209,851	212,206	151,743	(135,181)	
6	2030	449,942	215,737	218,288	154,972	(139,056)	
7	2031	461,562	221,787	224,545	158,271	(143,041)	
8	2032	473,487	228,008	230,981	161,640	(147,141)	455,902
9	2033	485,726	234,403	237,601	165,080	(151,359)	,
10	2034	498,286	240,977	244,412	168,594	(155,697)	
11	2035	511,175	247,736	251,417	172,182	(160,160)	
12	2036	524,404	254,684	258,623	175,847	(164,750)	504.898
13	2037	537,981	261,827	266,036	179,590	(169,473)	,
14	2038	551,914	269,170	273,661	183,413	(174,330)	
15	2039	566,215	276,720	281,505	187,316	(179,327)	
16	2040	580,892	284,481	289,574	191,303	(184,467)	559,250
17	2041	595,955	292,460	297,874	195,375	(189,754)	,
18	2042	611,415	300,662	306,412	199,534	(195,193)	
19	2043	627,282	309,095	315,194	203,781	(200,787)	
20	2044	643,568	317,764	324,228	208,118	(206,543)	619.555
21	2045	660,283	326,677	333,521	212,548	(212,463)	0.0,000
22	2046	677,439	335,839	343,081	217,072	(218,552)	
23	2047	695,048	345,258	352,915	221,692	(224,817)	
24	2048	713,122	354,942	363,030	226,411	(231,260)	686,473
25	2049	731,673	364,897	373,435	231,230	(237,889)	000,470
26	2050	750,714	375,131	384,139	236,151	(244,707)	
27	2050	770,258	385,652	395,149	241,178	(251,721)	
28	2052	770,230	0	0	241,170	(231,721)	563,161
29	2053	0	0	0	0	0	000,101
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
٥2 .	2096						J
	Equals: Amount To Accrue	15,203,878	7,437,450	7,569,148	5,019,040	(4,821,760)	

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

DOCUMENT NO. 2

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Magnolia Solar	2023	2052	Labor	4,093,540	1.055	4,316,686	2053	2.110	9,109,610
•			Materials & Eq	4,263,855	1.014	4,322,717		2.145	9,270,963
			Disposal	5,616,600	1.042	5,850,704		1.766	10,331,700
			Salvage	(2,631,500)	1.014	(2,667,827)		2.145	(5,721,709)
				11.342.495		11.822.279			22.990.563

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

ı	Magnolia Solar	<u>Total</u>	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2052					
	Cost @ Study Year 2025	11,822,279	4,316,686	4,322,717	5,850,704	(2,667,827)	
	Total Future Exp	22,990,563	9,109,610	9,270,963	10,331,700	(5,721,709)	
	Amount To Accrue	22,990,563	9,109,610	9,270,963	10,331,700	(5,721,709)	
	PV of Amount to Accrue	11,822,279	4,316,686	4,322,717	5,850,704	(2,667,827)	
	Capital Recovery Years	27					
	Compound Average Growth	2.49%	2.80%	2.87%	2.13%	2.87%	
	First Year 2025 Accrual	606,105	230,110	232,137	287,125	(143,267)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	606,105	230,110	232,137	287,125	(143,267)	
2	2026	621,218	236,564	238,790	293,237	(147,373)	
3	2027	636,714	243,198	245,635	299,478	(151,597)	
4	2028	652,605	250,019	252,675	305,853	(155,942)	629,161
5	2029	668,900	257,032	259,917	312,363	(160,412)	
6	2030	685,609	264,241	267,367	319,011	(165,010)	
7	2031	702,744	271,652	275,031	325,801	(169,739)	
8	2032	720,316	279,271	282,914	332,736	(174,604)	694,392
9	2033	738,335	287,103	291,023	339,818	(179,609)	•
10	2034	756,814	295,156	299,364	347,051	(184,757)	
11	2035	775,764	303,434	307,945	354,438	(190,053)	
12	2036	795,197	311,944	316,771	361,982	(195,500)	766.528
13	2037	815,127	320,694	325,851	369,686	(201,103)	
14	2038	835,566	329,688	335,190	377,555	(206,868)	
15	2039	856,527	338,935	344,798	385,591	(212,797)	
16	2040	878.023	348,441	354,680	393,798	(218,896)	846.311
17	2041	900,070	358,213	364,846	402,180	(225,170)	,
18	2042	922,680	368,260	375,304	410,740	(231,624)	
19	2043	945,870	378,589	386,061	419,483	(238,263)	
20	2044	969,653	389,207	397,126	428,411	(245,092)	934.568
21	2045	994,045	400,123	408,509	437,530	(252,117)	001,000
22	2046	1,019,062	411,345	420,218	446,843	(259,344)	
23	2047	1,044,721	422,882	432,262	456,354	(266,777)	
24	2048	1,071,038	434,743	444,652	466,067		#######
25	2049	1,098,031	446,936	457,397	475,987	(282,289)	***************************************
26	2050	1,125,716	459,471	470,507	486,118	(290,380)	
27	2050	1,154,113	472,358	483,993	496,465	(298,703)	
28	2052	1,134,113	472,330	403,993	490,403	(290,703)	844,465
29	2052	0	0	0	0	0	044,403
30	2053	0	0	0	0	0	
31	2054	0	0	0	0	0	
32	2055	0	0	0	0	0	0
J2 -	2036						U
	Equals: Amount To Accrue	22,990,563	9,109,610	9,270,963	10,331,700	(5,721,709)	

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Mountain View Solar	2023	2052	Labor	2,913,410	1.055	3,072,225	2053	2.110	6,483,393
			Materials & Eq	3,034,735	1.014	3,076,629		2.145	6,598,469
			Disposal	2,334,155	1.042	2,431,444		1.766	4,293,663
			Salvage	(1,793,600)	1.014	(1,818,360)		2.145	(3,899,851)
				6.488.700		6.761.937			13.475.674

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

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ı	Mountain View Solar Year of Study Capital Recovery Year	<u>Total</u> 2025 2052	<u>Labor</u>	Mat & Eq	<u>Disposal</u>	<u>Salvage</u>	
	Cost @ Study Year 2025	6,761,937	3,072,225	3,076,629	2,431,444	(1,818,360)	
	Total Future Exp	13,475,674	6,483,393	6,598,469	4,293,663	(3,899,851)	
	Amount To Accrue	13,475,674	6,483,393	6,598,469	4,293,663	(3,899,851)	
	PV of Amount to Accrue	6,761,937	3,072,225	3,076,629	2,431,444	(1,818,360)	
	Capital Recovery Years	27				( )//	
	Compound Average Growth	2.59%	2.80%	2.87%	2.13%	2.87%	
	First Year 2025 Accrual	350,666	163,771	165,220	119,324	(97,649)	
0	Reserve @ 12/31/2024	 0		0	0	0	4-yr Avg
1	2025	350,666	163,771	165,220	119,324	(97,649)	. 1. 7.13
2	2026	359,736	168,364	169,955	121,864	(100,448)	
3	2027	369,044	173,087	174,827	124,458	(103,327)	
4	2028	378,597	177,941	179,838	127,107	(106,288)	364.511
5	2029	388,401	182,932	184,992	129,812	(109,335)	
6	2030	398,464	188,062	190,295	132,575	(112,469)	
7	2031	408,791	193,337	195,749	135,397	(115,692)	
8	2032	419,390	198,760	201,360	138,279	(119,008)	403,761
9	2033	430,268	204,334	207,131	141,222	(122,419)	
10	2034	441,433	210,065	213,068	144,228	(125,928)	
11	2035	452,892	215,957	219,175	147,298	(129,538)	
12	2036	464,653	222,014	225,457	150,433	(133,250)	447,311
13	2037	476,725	228,241	231,919	153,635	(137,070)	
14	2038	489,115	234,642	238,567	156,905	(140,999)	
15	2039	501,832	241,223	245,405	160,245	(145,040)	
16	2040	514,885	247,989	252,438	163,655	(149,197)	495,639
17	2041	528,283	254,944	259,674	167,139	(153,473)	
18	2042	542,035	262,094	267,117	170,696	(157,872)	
19	2043	556,150	269,445	274,773	174,329	(162,397)	
20	2044	570,639	277,002	282,649	178,040	(167,052)	549,277
21	2045	585,511	284,771	290,750	181,829	(171,840)	
22	2046	600,776	292,758	299,084	185,700	(176,766)	
23	2047	616,445	300,969	307,656	189,652	(181,832)	
24	2048	632,530	309,411	316,474	193,689	(187,044)	608,816
25	2049	649,040	318,089	325,545	197,811	(192,405)	
26	2050	665,988	327,010	334,876	202,022	(197,920)	
27	2051	683,385	336,182	344,475	206,322 0	(203,593)	400 602
28 29	2052 2053	0	0	0	0	0	499,603
30	2053	0	0	0	0	0	
31	2054 2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
-		42.475.674			4 000 000	(2.000.054)	
	Equals: Amount To Accrue	13,475,674	6,483,393	6,598,469	4,293,663	(3,899,851)	

REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

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PLANT	Intitial Cost Estimates Are in Dollars	Capital Recovery Year	Dismantlement Component Costs	Cost Estimate Per Study	Inflation Compound Multiplier	Cost Estimate in 2025 Dollars	Start Year of Expenditure	Inflation Compound Multiplier	Future Dollar Cost
Riverside Solar	2023	2052	Labor	3,383,760	1.055	3,568,214	2053	2.110	7,530,092
			Materials & Eq	3,524,750	1.014	3,573,408		2.145	7,663,916
			Disposal	3,175,610	1.042	3,307,972		1.766	5,841,514
			Salvage	(2,092,100)	1.014	(2,120,981)		2.145	(4,548,884)
				7.992.020		8.328.613			16.486.638

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TAMPA ELECTRIC COMPANY 2023 DEPRECIATION AND DISMANTLEMENT STUDY EXHIBIT 3

BATES STAMPED PAGES: 468 - 648

FILED: DECEMBER 27, 2023

F	Riverside Solar	Total	Labor	Mat & Eq	Disposal	Salvage	
	Year of Study	2025					
	Capital Recovery Year	2052					
	Cost @ Study Year 2025	8,328,613	3,568,214	3,573,408	3,307,972	(2,120,981)	
	Total Future Exp	16,486,638	7,530,092	7,663,916	5,841,514	(4,548,884)	
	Amount To Accrue	16,486,638	7,530,092	7,663,916	5,841,514	(4,548,884)	
	PV of Amount to Accrue	8,328,613	3,568,214	3,573,408	3,307,972	(2,120,981)	
	Capital Recovery Years	27					
	Compound Average Growth	2.56%	2.80%	2.87%	2.13%	2.87%	
	First Year 2025 Accrual	430,549	190,211	191,898	162,340	(113,900)	
0	Reserve @ 12/31/2024	0	0	0	0	0	4-yr Avg
1	2025	430,549	190,211	191,898	162,340	(113,900)	
2	2026	441,574	195,546	197,398	165,795	(117,165)	
3	2027	452,887	201,030	203,056	169,324	(120,523)	
4	2028	464,495	206,668	208,876	172,928	(123,977)	447,376
5	2029	476,406	212,465	214,863	176,609	(127,531)	,
6	2030	488,627	218,424	221,021	180,368	(131,186)	
7	2031	501,167	224,550	227,356	184,207	(134,946)	
8	2032	514,034	230,848	233,873	188,128	(138,814)	495.059
9	2033	527,238	237,323	240,576	192,132	(142,793)	,
10	2034	540,786	243,979	247,472	196,222	(146,886)	
11	2035	554,689	250,822	254,565	200,398	(151,096)	
12	2036	568,954	257,856	261,861	204,663	(155,427)	547.917
13	2037	583,593	265,088	269,367	209,020	(159,882)	011,011
14	2038	598,615	272,523	277,088	213,469	(164,464)	
15	2039	614,030	280,167	285,030	218,012	(169,178)	
16	2039	629.849	288.025	293,199	222.652	(174,027)	606.522
17	2040	646,082	296,103	301,603	227,392		000,322
18	2041					(179,015)	
19	2042	662,741	304,408	310,248	232,231	(184,146)	
20	2043	679,836	312,945	319,140	237,174	(189,424)	671.509
		697,379	321,722	328,288	242,223	(194,854)	6/1,509
21	2045	715,382	330,746	337,697	247,378	(200,439)	
22	2046	733,858	340,022	347,376	252,644	(206,184)	
23	2047	752,819	349,559	357,333	258,021	(212,094)	
24	2048	772,278	359,363	367,575	263,513	(218,173)	743,585
25	2049	792,248	369,442	378,111	269,122	(224,426)	
26	2050	812,743	379,803	388,948	274,850	(230,859)	
27	2051	833,777	390,456	400,097	280,700	(237,476)	
28	2052	0	0	0	0	0	609,692
29	2053	0	0	0	0	0	
30	2054	0	0	0	0	0	
31	2055	0	0	0	0	0	
32	2056	0	0	0	0	0	0
-	Equals: Amount To Accrue	16,486,638	7,530,092	7,663,916	5,841,514	(4,548,884)	

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI REBUTTAL EXHIBIT NO. JC-3 WITNESS: CHRONISTER DOCUMENT NO. 3

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Exhibit JC-3
Document No. 3 - Audit Finding Responses

### Finding 1: Association Dues/Economic Development

Attached are the Edison Electric Institute and Tampa Bay Clean Cities Coalition invoices and support referred to in the rebuttal testimony.

#### Finding 2: Advertising

Attached is the support for MFR Schedule C-14 referred to in the rebuttal testimony that demonstrates the removal of Conservation clause recoverable advertising expenses.

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

DOCUMENT NO. 3

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FILED: 07/02/2024

### Invoice for Membership Dues



MR. ARCHIBALD COLLINS
PRESIDENT AND CEO

TAMPA ELECTRIC - AN EMERA COMPANY

PO Box 111

Payment due on or before 1/31/2023

11/17/2022

Invoice Number

DUES202350

TAMPA, FL 33601

Description

Regular Activities of Edison Electric Institute <sup>1</sup>
Industry Issues <sup>2</sup>
Restoration, Operations, and Crisis Management Program <sup>3</sup>

2023 Contribution to The Edison Foundation, which funds the Institute for Electric Innovation and the Institute for the Energy Transition. <sup>4</sup>

Total

- 1 The portion of 2023 membership dues relating to influencing legislation and political campaign activity, including activities covered by Section 162(e) of the Internal Revenue Code (IRC) and contributions to groups organized under IRC sections 527 and 501(c)(4), is estimated to be 13%.
- 2 The portion of the 2023 industry issues support relating to influencing legislation and political campaign activity, including activities covered by IRC Section 162(e) and contributions to groups organized under IRC sections 527 and 501(c)(4), is estimated to be 20%.
- 3 The Restoration, Operations, and Crisis Management Program is related to improvements to industry-wide responses to major outages (e.g., National Response Event); continuity of industry and business operations; and EEI's support and coordination of the industry during times of crisis (extreme weather events, wildfires, cyber, pandemic, etc.). No portion of this assessment is allocable to influencing legislation.
- 4 The Edison Foundation is an IRC 501(c)(3) educational and charitable organization. Contributions are deductible for federal income tax purposes to the extent provided by law. Please consult your tax advisor with respect to your specific situation.

#### PLEASE NOTE INFORMATION FOR ELECTRONIC PAYMENT

The following instructions should be used when transferring funds electronically (ACH or wire) to Edison Electric Institute:

Beneficiary's Bank: Bank's Address: Bank's ABA Number: Beneficiary: Beneficiary's Acct No: Beneficiary's Address: Wells Fargo Bank, N.A. Washington, DC

Edison Electric Institute

Beneficiary Reference:

701 Pennsylvania Avenue, NW Washington, DC 20004-2696 USA 2023 Membership Dues

Please refer any membership questions to Stephanie Voyda, Senior Vice President, Communications and Member Engagement, at (202) 508-5612 or <a href="mailto:sveyda@eei.org">sveyda@eei.org</a>, or accounting questions to Lou Becka, Controller, at (202) 508-5135 or <a href="mailto:lbecka@eei.org">lbecka@eei.org</a>.

Pennsylvania Avenue, NW

DC 20004-

02-508-500

ww.

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

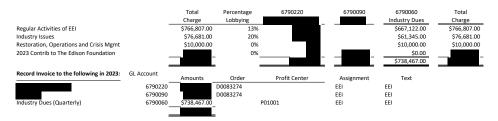
DOCUMENT NO. 3

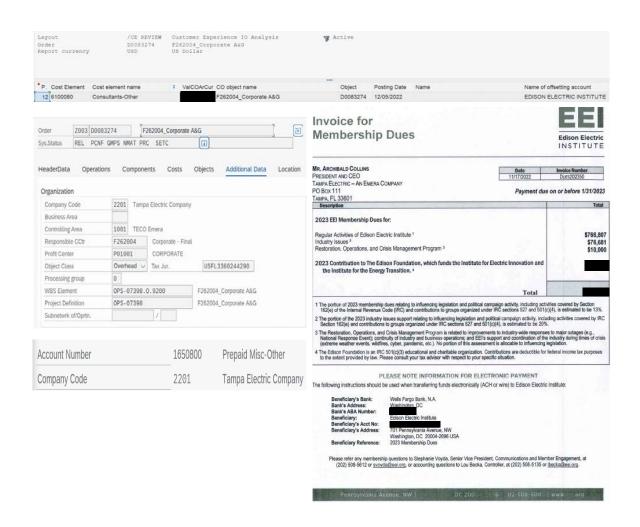
PAGE 3 OF 9

FILED: 07/02/2024

#### EEI Invoice to Tampa Electric

invoice number : DUES202350





Reclass to Political Contributions (20%) and Donations (13%)

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI REBUTTAL EXHIBIT NO. JC-3 WITNESS: CHRONISTER DOCUMENT NO. 3

FILED: 07/02/2024

PAGE 4 OF 9

	Text	- Payments - FISERV	CE - Payments - FISERV January INV Reclass		VNI ACS - n	INV	INV 176660	- SJP INV 176660 Energy	- SJP INV 176661 Energy	- SJP INV 176661 Energy	Conservation - SJP INV 176662 Energy Planner Campa Conservation - SJP INV 176662 Energy Planner Campa	2023 EEI Dues BTL	Corp Resp - 2023 EEI Dues BTL Reclass (Political C	Corp Resp - 2023 EEI Dues BTL Reclass (Donations)	Corp Resp - 2023 EEI Dues BTL Reclass (Donations)	Reclas of	Capital - Reclas of Hardware from ED to CE	Corp Resp - Monthly I&D Amortization (General Liab	Corp Resp - Monthly I&D Amortization (General Liab	Corp Resp - Monthly I&D Amortization (Worker's Com	Corp Resp - Monthly I&D Amortization (Worker's Com
	CoCode Tr.Prt Assignment Text	20230202	20230202	20230202	20230202	20230202	20230202	20230202	20230202	20230202	20230202	20230202	20230202	20230202	20230202	20230202	20230202	20230202	20230202	20230202	20230202
	CoCode Tr	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201
2023	Order	D0083961	11001180	D0087426	D0083581	D0083581	D0083581	D0083581	D0083581	D0083581	D0083582	1000000	D0083274		D0083274	D0099747	11002061		D0083622		D0083622
	ost Ctr																				
Fiscal Year Period	Amount Tx Profit Ctr Cost Ctr	P06001	P06001	P06001	P01001	P01001	P01001	P01001	P01001	P01001	P01001	P01001	P01001	P01001	P01001	P02001	P06001	P01001	P01001	P01001	P01001
mal document MF-BATCH We 2001 ite 01/31/2023	Amount Tx	1,378.41-	1,378.41	40,575.00	1,241.92-	1.241.92	2,000.00-	2,000.00	1,500.00-	1,500.00	82,268.79-	115.021.00-		15,000.00-		168,148.05-	168,148.05	265,940.00-	265,940.00	61,533.00-	61,533.00
	ı	ses			ses		ses	Table 1	ses							16	16				
Doc.Type : SA (G/L account document ) No Parked by AATRM Posted by Doc. Number 100005939 Company C. Doc. Date 02/02/2023 Posting D. Calculate Tax S8800-32 Boc. Currency USD Doc. Hdr Text CE & Other Reclass	Account short text	Contractor Services	Contractor Services	Contractor Services	Contractor Services	Advertising	Contractor Services	Advertising	Contractor Services	Advertising	Contractor Services	Prepaid Misc-Other		Prepaid Misc-Other		M&S OS Purchases	M&S OS Purchases	I&D Gen Liab Resrv	Ins-I&D Reserves	I&D Wrk Comp Resrv	Ins-I&D Reserves
Doc.Type : SA (Parked by A Doc. Number 1 Doc. Date 0 Catculate Tax Eff Doc. Currency U Doc. Hdr Text C	Itm PK Account		2 40 6100100			6 40 6100010	20	40	20	40	12 40 6100100	50	14 40 6790220	15 50 1650800	16 40 6790090	17 50 6400100	18 40 6400100	19 50 2282010	20 40 6700509	21 50 2282020	22 40 6700509

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI

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FILED: 07/02/2024

**Edison Electric Institute** 701 Pennsylvania Ave, NW Washington, DC 20004

INVOICE

Page: 1 PS-INV116830 Invoice Number:

FEIN:

Invoice Date:

Terms

15\_ 347879

Tampa Electric - An Emera Company

Edison Electric INSTITUTE

Mr. Ron Petrus

Tampa, FL 33602

USA

2200 E. Sligh Avenue

Description	Quantity	Unit Price	Total Price
2023 Space Transformer Fourinment Program	1	7.500.00	7,500.00

001134275

This invoices covers your STEP 2023 Membership Dues - For questions about your participation, please contact Judy Mastin at 202-508-5402. If you have any questions regarding payment arrangements, please contact Carol Scates at 202-508-5428 or cray@eei.org. Thank you.

7,500.00 Subtotal: 00.00 Amount Paid: 0.00 PLEASE PAY 7,500.00

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

DOCUMENT NO. 3

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FILED: 07/02/2024



### TAMPA BAY CLEAN CITIES COALITION

Clean Cines

Date: September 16, 2022

To: Mr.

Mr. Kenneth Hernandez

TECO Energy 702 N. Franklin St. Tampa, FL 33602

kxhernandez@tecoenergy.com

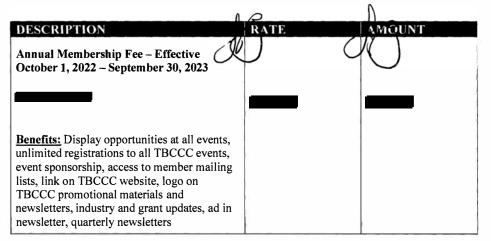
2201 TEC GL: 6790060 PMO: B2204412

Amount: \$2,500

GL: 6790060 PMO: D0086446

91-392

91-352



**TOTAL:** 

The Tampa Bay Clean Cities Coalition is a membership-based organization created to coordinate and promote the use of non-traditional and cleaner energy for transportation in the Tampa Bay Region. The effort was launched in the summer of 2012 with financial and in-kind support from the Environmental Protection Commission of Hillsborough County, TECO Energy, the USF Patel School of Global Sustainability, and the USF Center for Urban Transportation Research. Tampa Bay Clean Cities works in concert with, and supports, the U.S. Department of Energy's Energy Efficiency and Renewable Energy Vehicle Technology Program - Clean Cities.

Please pay online here or make check payable to USF and mail to:

University of South Florida Center for Urban Transportation Research P.O. Box 947568 Atlanta, GA 30394-7568

<u>IMPORTANT NOTE:</u> To ensure proper processing, please include copy of invoice with payment AND notify

Jana Huss at <a href="https://www.nuse.com/hussians-n

### FOR OFFICE USE ONLY

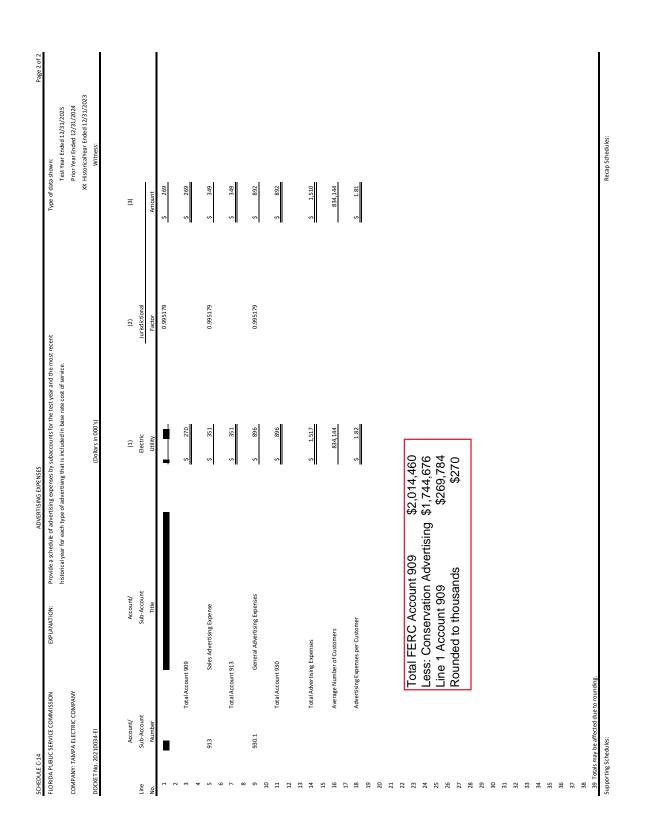
BUS UNIT	OPER UNIT	FUND	DEPT ID	PRODUCTID	INITIATIVE	PROJECT ID	ACTIVITY ID	$\neg$
USF01	TPA	20500	211700	000000	0000000	2117200899	BUDGET	

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

DOCUMENT NO. 3

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TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI REBUTTAL EXHIBIT NO. JC-3 WITNESS: CHRONISTER

DOCUMENT NO. 3

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TRIAL_BALANCE	ACTUAL	E_2201	2023.TOTAL	FULL	Tampa Electric		
Report Type>>>	Select Category>>>	Select Entity>>>	Select Time>>>	ADDITIONAL DETAIL Y/N>>>			

			ACTUAL
Account	ACCOUNT ID	ACCOUNT DESCRIPTION	2023 TOTAL
901	9901000	Customer Accts Supervision	432,189.81
905	9902000	Customer Accts Meter Reading Expenses	3,283,331.59
903	9903000	Customer Accts Customer Records and Collection Exp	30,920,528.07
904	9904000	Customer Uncollectible Accounts	8,963,683.00
806	0008066	Customer Assistance Expenses	44,708,532.33
912	9912000	Sales Demonstrating and Selling Expenses	356,077.03
913	9913000	Sales Advertising Expenses	350,835.75
920	9920000	Administrative and General Salaries	74,358,054.12
921	9921000	Office Supplies and Expenses	6,078,581.10
922	9922000	Administrative Expenses Transferred - Credit	(57,848,109.94)
923	9923000	Outside Services Employed	32,410,092.95
924	9924000	Property Insurance	120,816,644.47
925	9925000	Injuries and Damages	20,144,487.61
976	9926000	Employee Pensions and Benefits	36,061,876.86
928	9928000	Regulatory Commission Expenses	1,516,965.74
930	9930100	General Advertising Expenses	896,050.94
930	9930200	Miscellaneous General Expenses	18,436,026.46
931	9931000	Admin & General Rents	1,688,388.69
935	9935000	Admin & General Elec Maintenance of General Plant	1,148,447.90
666	9666666	FERC Intercompany Receivable	62,479,931.18
666	2666666	FERC Intercompany Payable	(62,479,931.18)
666	8666666	FERC Balance Sheet Offset Account	(3,648,466,333.47)
999	0000000	EERC P& Offset Account	TN CCC 33N ON3 C

TAMPA ELECTRIC COMPANY DOCKET NO. 20240026-EI REBUTTAL EXHIBIT NO. JC-3

WITNESS: CHRONISTER

DOCUMENT NO. 3

PAGE 9 OF 9 FILED: 07/02/2024

						RECOVER	RECOVERABLE CONSERVATION	VATION					
							2023						
	JAN	FEB	MAR	APR	MAY	NOT	JUL	AUG	SEP	OCT	NOV	DEC	2023
FERC908	3,058,323	3,596,190	3,846,862	3,664,697	3,615,482	3,803,215	3,918,917	4,148,626	3,564,977	3,719,195	3,344,312	3,898,044	44,178,840
Total Conservation Labo	447,832	399,185	458,095	392,650	422,294	378,022	386,404	428,910	389,829	417,802	393,371	396,082	4,913,475
908 Labor Only	327,034	291,521	334,753	288,940	308,582	277,081	282,293	313,315	284,869	305,202	289,348	289,348	3,592,287
Benefits + Taxes	120,798	107,664	123,342	106,709	113,712	100,941	104,111	115,595	104,960	112,599	104,023	106,734	1,321,188
926 Benefits	94,680	84,385	96,673	83,637	89,126	79,116	81,600	90,602	82,266	88,254	81,532	83,656	1,035,526
408.1 Taxes	26,119	23,279	26,668	23,072	24,586	21,825	22,510	24,994	22,694	24,346	22,492	23,078	285,662
908 Other	2,610,491	3,197,005	3,388,767	3,269,048	3,193,189	3,425,193	3,532,513	3,719,716	3,175,148	3,301,393	2,950,940	3,501,962	39,265,365
	AAC TTA	000 6	100 303	66 133	161 557	130.024	51 140	100 670	070 06	100 031	100 103	137 406	
	4//,344	3,000	189,393	00,133	/66,101	139,034	21,140	188,6/0	30,878	108,921	189,103	13/,490	
FERC403	80,292	71,953	608'69	69,809	69,809	608'69	69,809	69,809	608'69	608'69	69,809	69,809	850,335
FERC403 (LED Depr)	10,483	2,145		1		1	1				1		12,628
FERC403 (IRES Depr)	608'69	608'69	608'69	608'69	608'69	608'69	608'69	608'69	608'69	608'69	608'69	608'69	837,707
Cons. Recov.	3,615,959	3,671,144	4,106,063	3,802,639	3,846,848	4,012,058	4,039,873	4,407,105	3,665,664	3,897,925	3,603,224	4,105,349	46,773,851

### **CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that copies of the foregoing rebuttal testimony and exhibit have been served by posting on a shared document site, hand delivery of a USB drive or by electronic mail on this 2nd day of July, 2024 to the following:

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Carlos Marquez
Timothy Sparks
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ddose@psc.state.fl.us
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