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October 3, 2025

**VIA: ELECTRONIC FILING**

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

Re: Petition for approval of 2026 Subsequent Year Adjustment for  
Tampa Electric Company  
Dkt. 20250112-EI

Dear Mr. Teitzman:

Attached for filing in the above-styled matter are Tampa Electric Company's responses to Staff's First Data Request (Nos. 1-2), propounded by electronic mail on September 19, 2025.

Thank you for your assistance in connection with this matter.

Sincerely,

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

Malcolm N. Means

MNM/bml  
Attachment  
cc: All parties of record

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the foregoing Tampa Electric Company's responses to Staff's First Data Request (Nos. 1-2), has been furnished by electronic mail on this 3<sup>rd</sup> day of October 2025 to the following:

Carlose Marquez  
Shaw Stiller  
Office of the General Counsel  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850  
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A handwritten signature in blue ink, appearing to read "Michael N. Means".

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ATTORNEY

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 20250112-EI  
STAFF'S FIRST DATA REQUEST  
REQUEST NO. 1  
BATES PAGE(S): 1 - 2  
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1. Please provide the excel spreadsheets of the exhibits with formulas intact.

**ANSWER:**

Please see the Excel document titled "(BS 2) Proposed Rates – 2026 SYA.xlsx".

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2. Refer to Exhibit 5 in the Company's Petition (Document No. 09121-2025). Please provide the original in-service date identified in Docket No. 20240026-EI, the most recent anticipated in-service date, and a detailed explanation of the reason for any adjustments for each of the following projects:

- a. Polk 1 Flexibility Project
- b. Energy Storage Units:
  - i. Wimauma
  - ii. Lake Mabel
  - iii. Bayside
- c. Corporate Headquarters
- d. Bearss Operation Center:
  - i. Building & Land
  - ii. Energy Management System Upgrade (EMS)
- e. South Tampa Resilience Project:
  - i. First set of reciprocating engines (1 & 2)
  - ii. Second set of reciprocating engines (3 & 4)
- f. Polk Fuel Diversity Project
  - i. Unit 5 Upgrade
  - ii. Unit 2 Upgrade
- g. Grid Reliability and Resilience—Grid Communication Network (PLTE Spectrum)
  - i. Pasco Service Area
  - ii. Pinellas Service Area
  - iii. Hillsborough Service Area
  - iv. Polk Service Area
- h. Solar Facilities
  - i. Cottonmouth Unit
  - ii. Duette (Long Branch) Unit.

**ANSWER:**

Please see the document titled Bates stamped page 11 for the 2026 SYA Projects – In-Service Dates.

- a. Polk 1 Flexibility Project

The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI ("Final Order"), issued February 3, 2025, in Docket No.

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20240026-EI ("Petition for Rate Increase by Tampa Electric"), was May 2025.

The actual in-service month and year was June 2025.

In Exhibit 5 of Tampa Electric's Approval of 2026 Subsequent Year Adjustment petition in this docket, the company originally stated the in-service date for the Polk 1 Flexibility Project was July 2025. The Commercial Operation month and year for the Polk 1 Flexibility Project was actually June 2025.

The one-month delay between the Final Order and actual in-service dates was caused by the original equipment manufacturer altering their schedule once the full project scope was known and a four-week delay in the delivery of the gas control skid, a critical component for the safe, reliable, and efficient operation of the turbine.

**b. Energy Storage Units**

**i. Wimauma**

The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI was February 2025.

The actual in-service month and year was April 2025.

The two-month delay was caused by software and control system programming adjustments and extended battery balancing and conditioning time.

**Software and control system programming adjustments –** Tampa Electric's supplier needed additional time to troubleshoot and make modifications to the asset's control system to ensure it communicated as intended.

**Extended battery balancing and conditioning time -** In general, a group of batteries should stop charging when the first battery reaches 100 percent charged, even if the other batteries have not reached 100 percent charged. For example, once the first battery reaches 100 percent, the other batteries may only be 90 percent charged. The same concept happens when discharging to 0 percent. It is normal for a new battery

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project to have some imbalances. Performing several cycles of charging and discharging balances the batteries' charges so that they all reach 100 percent or 0 percent charge at the same time, which is the most efficient way to operate them. Tampa Electric's supplier had to spend more time than expected conducting those charge and discharge cycles to achieve battery balance.

ii. Lake Mabel

The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI was January 2025.

The actual in-service month and year was March 2025.

This project was delayed for the same reasons as the Wimauma Energy Storage project. Please see the explanation in the response to Data Request 2(b)(i) in this set.

iii. Bayside

The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI was December 2025.

The company is currently projecting that the in-service month and year will be December 2025.

Tampa Electric anticipates placing the Bayside project in-service in the same in-service month and year shown in Order No. PSC-2025-0038-FOF-EI.

c. Corporate Headquarters

The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI was June 2025.

The actual in-service month and year was June 2025.

Tampa Electric placed the company's corporate headquarters in-service as shown in Order No. PSC-2025-0038-FOF-EI.

d. Bearss Operation Center

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i. Building and Land

The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI was June 2025.

The actual in-service month and year was July 2025.

The one-month delay was due to a delay in necessary redundant power busways used for the main data room. These busways are needed to operate the various operation centers and control rooms at the Bearss Operations Center. The busways were ordered well in advance to allow sufficient time for installation and commissioning. Unfortunately, delivery of the busways was delayed for four months, until late April, due to extraordinarily high demand for electrical equipment. Tampa Electric attempted various forms of escalation to expedite the delivery, but the company was unsuccessful.

Tampa Electric mitigated this delay by accelerating work on other tasks not dependent on the busway; Tampa Electric and its contractors were able to improve what would have been a three-month delay to a single month for the building and to two weeks for the Energy Management System.

ii. Energy Management System Upgrade ("EMS")

The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI was October 2025.

The company's projected in-service month and year is November 2025.

Please see the explanation in the response to Data Request 2(d)(i) in this set.

e. South Tampa Resilience Project

i. First set of reciprocating engines (1 & 2)

The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI was December 2024.

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The actual in-service month and year was February 2025.

The delayed in-service date was caused by a two-month delay in securing the equipment necessary to conduct a unit performance test.

ii. Second set of reciprocating engines (3 & 4)

The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI was October 2025.

The company's projected in-service month and year is November 2025.

In September 2025, when Tampa Electric filed its Petition for Approval of 2026 Subsequent Year Adjustment in this docket, the company projected reciprocating engines 3 & 4 would go in-service in December 2025 due to uncertainty regarding the arrival date of a generator step up transformer ("GSU"). Since that time, however, the GSU arrived on site. The company now anticipates placing reciprocating engines 3 & 4 in-service in November 2025.

f. Polk Fuel Diversity Project

i. Unit 5 Upgrade

The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI for the Polk Fuel Diversity Project was December 2026.

Tampa Electric anticipates placing the Unit 5 upgrade in-service in August 2026, or before the date shown in Order No. PSC-2025-0038-FOF-EI.

ii. Unit 4 Upgrade

Tampa Electric's Petition erroneously referred to Unit 2; the correct unit is Unit 4.



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The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI for the Polk Fuel Diversity Project was December 2026.

The company's projected in-service month and year is December 2026.

Tampa Electric anticipates placing the Unit 4 upgrade in-service as shown in Order No. PSC-2025-0038-FOF-EI.

g. Grid Reliability and Resilience—Grid Communication Network (PLTE Spectrum)

i. Pasco Service Area

The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI was August 2025.

The actual in-service month and year for this project is August 2025.

Tampa Electric placed the company's Pasco County PLTE Spectrum in-service as shown in Order No. PSC-2025-0038-FOF-EI.

ii. Pinellas Service Area

The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI was August 2025.

The company's projected in-service month and year is December 2025.

Tampa Electric is awaiting its FCC license for the Pinellas, Hillsborough and Polk service areas. The current frequency holder is clearing the spectrum for Tampa Electric's use to ensure no other companies operate on the same frequency.

iii. Hillsborough Service Area

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The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI was August 2025.

The company's projected in-service month and year is December 2025.

Please see the explanation in the response to Data Request 2(g)(ii) in this set.

iv. Polk Service Area

The in-service month and year identified in Order No. PSC-2025-0038-FOF-EI was August 2025.

The company's projected in-service month and year is December 2025.

Please see the explanation in the response to Data Request 2(g)(ii) in this set.

h. Solar Facilities

i. Cottonmouth Unit

The in-service date identified in Order No. PSC-2025-0038-FOF-EI was December 2025.

The company's projected in-service month and year is December 2025.

Tampa Electric anticipates placing the Cottonmouth Unit in-service as shown in Order No. PSC-2025-0038-FOF-EI.

ii. Duette (Long Branch) Unit.

The in-service date identified in Order No. PSC-2025-0038-FOF-EI was December 2025.

The company's projected in-service month and year is December 2025.

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Tampa Electric anticipates placing the Duette Unit in-service as shown in Order No. PSC-2025-0038-FOF-EI.

## Tampa Electric Company

## Approved Subsequent Year Adjustment (SYA) Projects

## In-Service Date Summary

ORDER NO. PSC-2025-0038-FOF-EI

Table 18 Description	Project Name	Originally Filed In-Service Date	FPSC Order In-Service Date	Actual/Projected In- Service Date
Polk 1 Flexibility	Polk 1 Flexibility Project	May-25	May-25	Jun-25
Energy Storage	Energy Storage			
	Wimauma	Feb-25	Feb-25	Apr-25
	Lake Mabel	Apr-25	Jan-25	Mar-25
	Bayside - Previously South Tampa	Apr-25	Dec-25	Dec-25
Corporate HQ	Corporate Headquarters	May-25	Jun-25	Jun-25
Bearss Operations Center	Bearss Operations Center			
	Building & Land	Jun-25	Jun-25	Jul-25
	Emergency Management System Upgrade (EMS)	Oct-25	Oct-25	Nov-25
South Tampa Resilience	South Tampa Resilience			
	Generation (Recips 1&2)	Apr-25	Dec-24	Feb-25
	Generation (Recips 3&4)	Jun-26	Oct-25	Nov-25
Polk Fuel Diversity	Polk Fuel Diversity Project			
	Unit #5	Sep-26	Dec-26	Aug-26
	Unit #4	Sep-26	Dec-26	Dec-26
GRR	Grid Reliability and Resilience - Grid Communication Network (PLTE Spectrum)			
	Pasco Service Area	Aug-25	Aug-25	Aug-25
	Pinellas Service Area	Aug-25	Aug-25	Dec-25
	Hillsborough Service Area	Aug-25	Aug-25	Dec-25
	Polk Service Area	Aug-25	Aug-25	Dec-25
Solar	Solar - Cottonmouth and Duette (Long Branch)			
	Cottonmouth	Dec-25	Dec-25	Dec-25
	Duette (Long Branch)	Dec-25	Dec-25	Dec-25