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April 10, 2026

VIA: ELECTRONIC FILING

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

Re: Petition of Tampa Electric Company for Approval of Revisions to Standard Offer Contract and Rate Schedule COG-2
Dkt. 20260049-EQ

Dear Mr. Teitzman:

Attached for filing in the above-styled matter is Tampa Electric Company's response to Staff's First Data Request (Nos. 1-3), propounded via electronic mail on April 3, 2026.

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: TECO Regulatory
L. Connor Willis – cwillis@psc.state.fl.us
discovery-gcl@psc.state.fl.us

**TAMPA ELECTRIC COMPANY
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- 1.** For each component of the avoided unit's capital or O&M cost(s) that is higher than the prior year's standard offer, explain why. As part of this explanation, describe the impacts of any changes in financial assumptions, unit type or capabilities, unit timing, or general industry trends.

- A.** On a dollar per kW basis (i.e., \$/kW), both the capital and O&M costs are higher this year compared to last year.

Although the unit type and timing remained the same as last year, several changes contributed to the increase in the \$/kW rates. The main contributors are the financial assumption changes, including a higher cost of debt and a higher construction cost escalation rate. Certain general industry trends—such as higher costs due to inflation, supply constraints, and heavy demand—contributed to these financial cost increases.

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- 2.** Identify the necessary minimum capacity factor required to receive full capacity payments under the proposed tariff and how it was determined and/or calculated.

- A.** In order to receive a monthly capacity payment, the Capacity and Energy Provider (“CEP”) must meet or exceed Minimum Performance Standards (“MPS”). The MPS are based on the anticipated peak and off-peak dispatchability, unit availability, and operating factor of the Designated Avoided Unit over the course of the Standard Offer Contract. The CEP must provide capacity to Tampa Electric on a firm commitment, first-call, on-call, as-needed basis.

The MPS includes a minimum Monthly Availability Factor of 90%. The minimum Monthly Availability Factor establishes a reasonable expected quantity of time the asset should be “available.” The MPS also includes a minimum Capacity Factor of 80%, this is to reasonably ensure Tampa Electric will receive energy when needed. The Capacity Factor is based on how the CEP unit performs when Tampa Electric request energy to serve customers.

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3. Please complete the following table for each year, 2027 through 2046, and in total (nominal and net present value (NPV)), describing estimated payments to a renewable provider based on the proposed tariffs included in the Utility's revised standard offer contract for each of the five scenarios listed below. For the calculations, assume the renewable generator is (i) a 50 MW facility capable of providing firm capacity, (ii) has an in-service date of January 1, 2027, (iii) operates at the minimum capacity factor required to receive full capacity payments under the tariff, and (iv) has a contract duration of 20 years.
- a. As-Available Energy Rate (Energy Only Payments - No Firm Capacity)
 - b. Normal Capacity Payments
 - c. Levelized Capacity Payments
 - d. Early Capacity Payments
 - e. Early Levelized Capacity Payments

Year	Energy Sold (MWh)	Energy Rate (\$/MWh)	Energy Payments (\$)	Capacity (MW)	Capacity Rate (\$/MW)	Capacity Payments (\$)	Total Payments (\$)
2027							
2028							
2029							
2030							
2031							
2032							
2033							
2034							
2035							
2036							
2037							
2038							
2039							
2040							
2041							
2042							
2043							
2044							
2045							
2046							
Sum							
NPV Sum							

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A. Please note that the table below provides the Capacity Rate on a \$/kw-mo basis.

a.

Year	Energy Sold (MWh)	Energy Rate (\$/MWh)	Energy Payments (\$)	Capacity (MW)	Capacity Rate (\$/kW)	Capacity Payments (\$)	Total Payments (\$)
2027	350,400	37.48	13,132,146	-	-	-	13,132,146
2028	351,360	31.23	10,974,595	-	-	-	10,974,595
2029	350,400	27.16	9,517,587	-	-	-	9,517,587
2030	350,400	27.92	9,784,892	-	-	-	9,784,892
2031	350,400	31.46	11,024,208	-	-	-	11,024,208
2032	351,360	31.27	10,986,759	-	-	-	10,986,759
2033	350,400	34.05	11,931,170	-	-	-	11,931,170
2034	350,400	36.00	12,614,928	-	-	-	12,614,928
2035	350,400	43.27	15,162,893	-	-	-	15,162,893
2036	351,360	48.63	17,085,031	-	-	-	17,085,031
2037	350,400	51.17	17,929,672	-	-	-	17,929,672
2038	350,400	61.43	21,523,458	-	-	-	21,523,458
2039	350,400	66.70	23,370,487	-	-	-	23,370,487
2040	351,360	73.75	25,913,607	-	-	-	25,913,607
2041	350,400	75.77	26,550,656	-	-	-	26,550,656
2042	350,400	78.44	27,486,045	-	-	-	27,486,045
2043	350,400	83.25	29,172,440	-	-	-	29,172,440
2044	351,360	87.68	30,808,293	-	-	-	30,808,293
2045	350,400	93.71	32,835,310	-	-	-	32,835,310
2046	350,400	92.47	32,402,616	-	-	-	32,402,616
Sum	7,012,800		390,206,794				390,206,794
NPV Sum			178,435,637				178,435,637

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b.

Year	Energy Sold (MWh)	Energy Rate (\$/MWh)	Energy Payments (\$)	Capacity (MW)	Capacity Rate (\$/kw)	Capacity Payments (\$)	Total Payments (\$)
2027	350,400	37.48	13,132,146	50	-	-	13,132,146
2028	351,360	31.23	10,974,595	50	-	-	10,974,595
2029	350,400	27.16	9,517,587	50	-	-	9,517,587
2030	350,400	27.92	9,784,892	50	-	-	9,784,892
2031	350,400	31.46	11,024,208	50	10.96	6,576,514	17,600,723
2032	351,360	32.96	11,581,796	50	11.30	6,779,271	18,361,067
2033	350,400	35.46	12,425,224	50	11.65	6,988,362	19,413,586
2034	350,400	37.63	13,186,832	50	12.01	7,203,986	20,390,818
2035	350,400	44.68	15,655,346	50	12.38	7,426,351	23,081,697
2036	351,360	50.17	17,626,011	50	12.76	7,655,668	25,281,679
2037	350,400	52.76	18,488,095	50	13.15	7,892,157	26,380,252
2038	350,400	66.72	23,378,166	50	13.56	8,136,044	31,514,209
2039	350,400	68.39	23,965,218	50	13.98	8,387,561	32,352,780
2040	351,360	74.93	26,325,807	50	14.41	8,646,951	34,972,758
2041	350,400	77.17	27,039,327	50	14.86	8,914,461	35,953,788
2042	350,400	80.04	28,046,795	50	15.32	9,190,347	37,237,142
2043	350,400	84.67	29,670,023	50	15.79	9,474,874	39,144,897
2044	351,360	89.63	31,491,438	50	16.28	9,768,315	41,259,752
2045	350,400	95.17	33,345,904	50	16.78	10,070,950	43,416,854
2046	350,400	94.07	32,961,764	50	17.31	10,383,071	43,344,835
Sum	7,012,800		399,621,172			133,494,885	533,116,057
NPV Sum			182,536,230			57,792,260	240,328,490

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C.

Year	Energy Sold (MWh)	Energy Rate (\$/MWh)	Energy Payments (\$)	Capacity (MW)	Capacity Rate (\$/kw)	Capacity Payments (\$)	Total Payments (\$)
2027	350,400	37.48	13,132,146	50	-	-	13,132,146
2028	351,360	31.23	10,974,595	50	-	-	10,974,595
2029	350,400	27.16	9,517,587	50	-	-	9,517,587
2030	350,400	27.92	9,784,892	50	-	-	9,784,892
2031	350,400	31.46	11,024,208	50	13.27	7,959,876	18,984,085
2032	351,360	32.96	11,581,796	50	13.27	7,959,876	19,541,672
2033	350,400	35.46	12,425,224	50	13.27	7,959,876	20,385,100
2034	350,400	37.63	13,186,832	50	13.27	7,959,876	21,146,708
2035	350,400	44.68	15,655,346	50	13.27	7,959,876	23,615,222
2036	351,360	50.17	17,626,011	50	13.27	7,959,876	25,585,887
2037	350,400	52.76	18,488,095	50	13.27	7,959,876	26,447,971
2038	350,400	66.72	23,378,166	50	13.27	7,959,876	31,338,042
2039	350,400	68.39	23,965,218	50	13.27	7,959,876	31,925,095
2040	351,360	74.93	26,325,807	50	13.27	7,959,876	34,285,683
2041	350,400	77.17	27,039,327	50	13.27	7,959,876	34,999,203
2042	350,400	80.04	28,046,795	50	13.27	7,959,876	36,006,671
2043	350,400	84.67	29,670,023	50	13.27	7,959,876	37,629,899
2044	351,360	89.63	31,491,438	50	13.27	7,959,876	39,451,314
2045	350,400	95.17	33,345,904	50	13.27	7,959,876	41,305,780
2046	350,400	94.07	32,961,764	50	13.27	7,959,876	40,921,640
Sum	7,012,800		399,621,172			127,358,018	526,979,191
NPV Sum			182,536,230			57,792,260	240,328,490

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d.

Year	Energy Sold (MWh)	Energy Rate (\$/MWh)	Energy Payments (\$)	Capacity (MW)	Capacity Rate (\$/kw)	Capacity Payments (\$)	Total Payments (\$)
2027	350,400	37.48	13,132,146	50	7.04	4,225,425	17,357,572
2028	351,360	31.23	10,974,595	50	7.26	4,355,621	15,330,216
2029	350,400	27.16	9,517,587	50	7.48	4,489,883	14,007,471
2030	350,400	27.92	9,784,892	50	7.71	4,628,339	14,413,231
2031	350,400	31.46	11,024,208	50	7.95	4,771,121	15,795,330
2032	351,360	32.96	11,581,796	50	8.20	4,918,366	16,500,162
2033	350,400	35.46	12,425,224	50	8.45	5,070,214	17,495,438
2034	350,400	37.63	13,186,832	50	8.71	5,226,810	18,413,641
2035	350,400	44.68	15,655,346	50	8.98	5,388,304	21,043,650
2036	351,360	50.17	17,626,011	50	9.26	5,554,851	23,180,862
2037	350,400	52.76	18,488,095	50	9.54	5,726,609	24,214,704
2038	350,400	66.72	23,378,166	50	9.84	5,903,744	29,281,910
2039	350,400	68.39	23,965,218	50	10.14	6,086,425	30,051,644
2040	351,360	74.93	26,325,807	50	10.46	6,274,827	32,600,634
2041	350,400	77.17	27,039,327	50	10.78	6,469,131	33,508,458
2042	350,400	80.04	28,046,795	50	11.12	6,669,522	34,716,318
2043	350,400	84.67	29,670,023	50	11.46	6,876,194	36,546,217
2044	351,360	89.63	31,491,438	50	11.82	7,089,344	38,580,782
2045	350,400	95.17	33,345,904	50	12.18	7,309,177	40,655,081
2046	350,400	94.07	32,961,764	50	12.56	7,535,904	40,497,668
Sum	7,012,800		399,621,172			114,569,814	514,190,986
NPV Sum			182,536,230			57,792,260	240,328,490

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e.

Year	Energy Sold (MWh)	Energy Rate (\$/MWh)	Energy Payments (\$)	Capacity (MW)	Capacity Rate (\$/kw)	Capacity Payments (\$)	Total Payments (\$)
2027	350,400	37.48	13,132,146	50	8.87	5,324,434	18,456,581
2028	351,360	31.23	10,974,595	50	8.87	5,324,434	16,299,029
2029	350,400	27.16	9,517,587	50	8.87	5,324,434	14,842,022
2030	350,400	27.92	9,784,892	50	8.87	5,324,434	15,109,326
2031	350,400	31.46	11,024,208	50	8.87	5,324,434	16,348,643
2032	351,360	32.96	11,581,796	50	8.87	5,324,434	16,906,230
2033	350,400	35.46	12,425,224	50	8.87	5,324,434	17,749,659
2034	350,400	37.63	13,186,832	50	8.87	5,324,434	18,511,266
2035	350,400	44.68	15,655,346	50	8.87	5,324,434	20,979,780
2036	351,360	50.17	17,626,011	50	8.87	5,324,434	22,950,445
2037	350,400	52.76	18,488,095	50	8.87	5,324,434	23,812,530
2038	350,400	66.72	23,378,166	50	8.87	5,324,434	28,702,600
2039	350,400	68.39	23,965,218	50	8.87	5,324,434	29,289,653
2040	351,360	74.93	26,325,807	50	8.87	5,324,434	31,650,241
2041	350,400	77.17	27,039,327	50	8.87	5,324,434	32,363,761
2042	350,400	80.04	28,046,795	50	8.87	5,324,434	33,371,230
2043	350,400	84.67	29,670,023	50	8.87	5,324,434	34,994,457
2044	351,360	89.63	31,491,438	50	8.87	5,324,434	36,815,872
2045	350,400	95.17	33,345,904	50	8.87	5,324,434	38,670,338
2046	350,400	94.07	32,961,764	50	8.87	5,324,434	38,286,198
Sum	7,012,800		399,621,172			106,488,690	506,109,862
NPV Sum			182,536,230			57,792,260	240,328,490