

AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

May 24, 2022

VIA: ELECTRONIC FILING

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

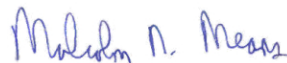
Re: Petition of Tampa Electric Company for Approval of Revisions to Standard Offer
Contract and Rate Schedule COG-2; Dkt. 20220070-EQ

Dear Mr. Teitzman:

Attached for filing in the above docket is Tampa Electric Company's Supplemental (Page 6) response to Staff's First Data Request (No. 1), propounded on April 15, 2022.

Thank you for your assistance in connection with this matter.

Sincerely,



Malcolm N. Means

MNM/bmp
Attachment

cc: Donald Phillips (w/encl.)
Paula Brown (w/encl.)
Richard Gentry (w/encl.)
Mary Wessling (w/encl.)

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20220070-EQ
STAFF'S FIRST DATA REQUEST
REQUEST NO. 1
PAGE 1 OF 6
FILED: APRIL 29, 2022
SUPPLEMENTED: MAY 24, 2022**

1. Please complete the following table describing 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 a renewable generator with a 50 MW output providing firm capacity with an in-service date of January 1, 2023, operating at the minimum capacity factor required for full capacity payments and a contract duration of 20 years. As part of your response, state the capacity factor assumed for the calculations. Please calculate the total Net Present Value (NPV) of all payments in 2023 dollars, and also provide an explanation of the method and rate used to calculate the NPV.
 - As-available energy (energy only payments)
 - Normal capacity payments
 - Levelized payments
 - Early payments
 - Early levelized payments

- A. After providing its initial response to this data request, Tampa Electric became aware of an error on Bates Page 6 of the initial response. Specifically, the company inadvertently copied the same data from the "early" payment table into the "early levelized" payment table. The corrected table included with this Supplemental Response has the correct "early levelized" payments.

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Payment Type: Early Levelized 2023
Committed Capacity: 50 MW
Capacity Factor: 80%

Year	Energy	Capacity Rate	Total Capacity Payments ⁽¹⁾	Energy Rate	Total Energy Payments	Total Payments
	(MWh)	(\$/kW-mo)	(\$)	(\$/MWh)	(\$)	(\$)
2023	350,400	9.42	5,654,415	27.53	9,645,547	15,299,962
2024	351,360	9.42	5,654,415	26.05	9,154,120	14,808,535
2025	350,400	9.42	5,654,415	26.49	9,283,453	14,937,868
2026	350,400	9.42	5,654,415	27.03	9,472,027	15,126,442
2027	350,400	9.42	5,654,415	28.01	9,814,227	15,468,642
2028	351,360	9.42	5,654,415	31.47	11,058,038	16,712,453
2029	350,400	9.42	5,654,415	32.88	11,522,571	17,176,986
2030	350,400	9.42	5,654,415	33.01	11,565,099	17,219,514
2031	350,400	9.42	5,654,415	36.79	12,892,802	18,547,217
2032	351,360	9.42	5,654,415	37.81	13,285,299	18,939,713
2033	350,400	9.42	5,654,415	38.56	13,512,106	19,166,521
2034	350,400	9.42	5,654,415	39.87	13,970,818	19,625,233
2035	350,400	9.42	5,654,415	41.65	14,593,084	20,247,498
2036	351,360	9.42	5,654,415	46.23	16,242,892	21,897,307
2037	350,400	9.42	5,654,415	46.98	16,460,067	22,114,481
2038	350,400	9.42	5,654,415	54.04	18,937,170	24,591,585
2039	350,400	9.42	5,654,415	55.91	19,590,459	25,244,874
2040	351,360	9.42	5,654,415	58.57	20,579,329	26,233,744
2041	350,400	9.42	5,654,415	60.32	21,135,140	26,789,555
2042	350,400	9.42	5,654,415	61.53	21,560,328	27,214,743
2043	-	-	-	-	-	-
2044	-	-	-	-	-	-
2045	-	-	-	-	-	-
Total (Nominal)	7,012,800		113,088,297		284,274,576	397,362,873
Total NPV (\$2023)			65,927,124		149,375,110	215,302,234

(1) Capacity payments assume the capacity and energy provider meets the applicable minimum performance standards to receive full payment.