



Dianne M. Triplett
DEPUTY GENERAL COUNSEL

May 1, 2020

VIA ELECTRONIC FILING

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

Re: *Petition for Approval of Amended Standard Offer Contract (Schedule COG-2);*
Docket No. 20200111-EQ

Dear Mr. Teitzman:

Please find enclosed for electronic filing Duke Energy Florida, LLC's Amended Response to Staff's First Data Request, specifically Question 11.

Thank you for your assistance in this matter. Should have any questions, please feel free to contact me at (727) 820-4692.

Sincerely,

/s/ Dianne M. Triplett

Dianne M. Triplett

DMT/cmw
Enclosure

cc: Phillip Ellis
Damian Kistner
Charles Murphy

As Available Only

	Energy (MWH)	Capacity Rates (\$/kw-month)	Total Capacity Payments (\$000)	Energy Rates (\$/MWh)	Total Energy Payments (\$000)	Total Payments to Renewable Provider (\$000)
2021	416,362	\$ -	\$ -	\$ 19.52	\$ 8,128	\$ 8,128
2022	416,362	\$ -	\$ -	\$ 17.74	\$ 7,385	\$ 7,385
2023	416,362	\$ -	\$ -	\$ 17.39	\$ 7,242	\$ 7,242
2024	417,503	\$ -	\$ -	\$ 18.21	\$ 7,601	\$ 7,601
2025	416,362	\$ -	\$ -	\$ 20.22	\$ 8,419	\$ 8,419
2026	416,362	\$ -	\$ -	\$ 22.46	\$ 9,352	\$ 9,352
2027	416,362	\$ -	\$ -	\$ 25.87	\$ 10,771	\$ 10,771
2028	417,503	\$ -	\$ -	\$ 30.26	\$ 12,633	\$ 12,633
2029	416,362	\$ -	\$ -	\$ 32.53	\$ 13,544	\$ 13,544
2030	416,362	\$ -	\$ -	\$ 34.81	\$ 14,492	\$ 14,492
2031	416,362	\$ -	\$ -	\$ 36.64	\$ 15,257	\$ 15,257
2032	417,503	\$ -	\$ -	\$ 38.88	\$ 16,232	\$ 16,232
2033	416,362	\$ -	\$ -	\$ 38.82	\$ 16,164	\$ 16,164
2034	416,362	\$ -	\$ -	\$ 39.42	\$ 16,414	\$ 16,414
2035	416,362	\$ -	\$ -	\$ 40.60	\$ 16,905	\$ 16,905
2036	417,503	\$ -	\$ -	\$ 41.22	\$ 17,209	\$ 17,209
2037	416,362	\$ -	\$ -	\$ 45.13	\$ 18,791	\$ 18,791
2038	416,362	\$ -	\$ -	\$ 46.99	\$ 19,563	\$ 19,563
2039	416,362	\$ -	\$ -	\$ 48.57	\$ 20,224	\$ 20,224
2040	417,503	\$ -	\$ -	\$ 50.12	\$ 20,926	\$ 20,926
Total	8,332,945		-		277,254	277,254
NPV 2021\$			\$ -		\$ 132,483	\$ 132,483

Normal Capacity Payments

	Energy (MWH)	Capacity Rates (\$/kw-month)	Total Capacity Payments (\$000)	Energy Rates (\$/MWh)	Total Energy Payments (\$000)	Total Payments to Renewable Provider (\$000)
2021	416,362	\$ -	\$ -	\$ 19.52	\$ 8,128	\$ 8,128
2022	416,362	\$ -	\$ -	\$ 17.74	\$ 7,385	\$ 7,385
2023	416,362	\$ -	\$ -	\$ 17.39	\$ 7,242	\$ 7,242
2024	417,503	\$ -	\$ -	\$ 18.21	\$ 7,601	\$ 7,601
2025	416,362	\$ -	\$ -	\$ 20.22	\$ 8,419	\$ 8,419
2026	416,362	\$ -	\$ -	\$ 22.46	\$ 9,352	\$ 9,352
2027	416,362	\$ 4.50	\$ 1,575	\$ 25.87	\$ 10,771	\$ 12,346
2028	417,503	\$ 4.56	\$ 2,738	\$ 30.26	\$ 12,633	\$ 15,371
2029	416,362	\$ 4.63	\$ 2,777	\$ 32.53	\$ 13,544	\$ 16,321
2030	416,362	\$ 4.69	\$ 2,816	\$ 34.81	\$ 14,492	\$ 17,308
2031	416,362	\$ 4.76	\$ 2,856	\$ 36.64	\$ 15,257	\$ 18,113
2032	417,503	\$ 4.83	\$ 2,896	\$ 38.88	\$ 16,232	\$ 19,129
2033	416,362	\$ 4.90	\$ 2,937	\$ 38.82	\$ 16,164	\$ 19,102
2034	416,362	\$ 4.97	\$ 2,979	\$ 39.42	\$ 16,414	\$ 19,393
2035	416,362	\$ 5.04	\$ 3,021	\$ 40.60	\$ 16,905	\$ 19,926
2036	417,503	\$ 5.11	\$ 3,064	\$ 41.22	\$ 17,209	\$ 20,273
2037	416,362	\$ 5.18	\$ 3,107	\$ 45.13	\$ 18,791	\$ 21,898
2038	416,362	\$ 5.25	\$ 3,151	\$ 46.99	\$ 19,563	\$ 22,715
2039	416,362	\$ 5.33	\$ 3,196	\$ 48.57	\$ 20,224	\$ 23,420
2040	417,503	\$ 5.40	\$ 3,242	\$ 50.12	\$ 20,926	\$ 24,167
Total	8,332,945		40,357		277,254	317,611
NPV 2021\$			\$ 16,702		\$ 132,483	\$ 149,185

Levelized Capacity Payments

	Energy (MWH)	Capacity Rates (\$/kw-month)	Total Capacity Payments (\$000)	Energy Rates (\$/MWh)	Total Energy Payments (\$000)	Total Payments to Renewable Provider (\$000)
2021	416,362	\$ -	\$ -	\$ 19.52	\$ 8,128	\$ 8,128
2022	416,362	\$ -	\$ -	\$ 17.74	\$ 7,385	\$ 7,385
2023	416,362	\$ -	\$ -	\$ 17.39	\$ 7,242	\$ 7,242
2024	417,503	\$ -	\$ -	\$ 18.21	\$ 7,601	\$ 7,601
2025	416,362	\$ -	\$ -	\$ 20.22	\$ 8,419	\$ 8,419
2026	416,362	\$ -	\$ -	\$ 22.46	\$ 9,352	\$ 9,352
2027	416,362	\$ 4.85	\$ 1,699	\$ 25.87	\$ 10,771	\$ 12,470
2028	417,503	\$ 4.86	\$ 2,915	\$ 30.26	\$ 12,633	\$ 15,548
2029	416,362	\$ 4.86	\$ 2,918	\$ 32.53	\$ 13,544	\$ 16,462
2030	416,362	\$ 4.87	\$ 2,920	\$ 34.81	\$ 14,492	\$ 17,412
2031	416,362	\$ 4.87	\$ 2,923	\$ 36.64	\$ 15,257	\$ 18,180
2032	417,503	\$ 4.88	\$ 2,925	\$ 38.88	\$ 16,232	\$ 19,158
2033	416,362	\$ 4.88	\$ 2,928	\$ 38.82	\$ 16,164	\$ 19,092
2034	416,362	\$ 4.89	\$ 2,931	\$ 39.42	\$ 16,414	\$ 19,345
2035	416,362	\$ 4.89	\$ 2,934	\$ 40.60	\$ 16,905	\$ 19,839
2036	417,503	\$ 4.89	\$ 2,937	\$ 41.22	\$ 17,209	\$ 20,146
2037	416,362	\$ 4.90	\$ 2,940	\$ 45.13	\$ 18,791	\$ 21,731
2038	416,362	\$ 4.91	\$ 2,943	\$ 46.99	\$ 19,563	\$ 22,507
2039	416,362	\$ 4.91	\$ 2,946	\$ 48.57	\$ 20,224	\$ 23,170
2040	417,503	\$ 4.92	\$ 2,950	\$ 50.12	\$ 20,926	\$ 23,876
Total	8,332,945		39,809		277,254	317,063
NPV 2021\$			\$ 16,702		\$ 132,483	\$ 149,185

Early Capacity Payments

	Energy (MWH)	Capacity Rates (\$/kw-month)	Total Capacity Payments (\$000)	Energy Rates (\$/MWh)	Total Energy Payments (\$000)	Total Payments to Renewable Provider (\$000)
2021	416,362	\$ 2.30	\$ 1,378	\$ 19.52	\$ 8,128	\$ 9,506
2022	416,362	\$ 2.33	\$ 1,397	\$ 17.74	\$ 7,385	\$ 8,782
2023	416,362	\$ 2.36	\$ 1,417	\$ 17.39	\$ 7,242	\$ 8,659
2024	417,503	\$ 2.39	\$ 1,437	\$ 18.21	\$ 7,601	\$ 9,038
2025	416,362	\$ 2.43	\$ 1,457	\$ 20.22	\$ 8,419	\$ 9,876
2026	416,362	\$ 2.46	\$ 1,478	\$ 22.46	\$ 9,352	\$ 10,830
2027	416,362	\$ 2.50	\$ 1,499	\$ 25.87	\$ 10,771	\$ 12,269
2028	417,503	\$ 2.53	\$ 1,520	\$ 30.26	\$ 12,633	\$ 14,152
2029	416,362	\$ 2.57	\$ 1,541	\$ 32.53	\$ 13,544	\$ 15,086
2030	416,362	\$ 2.61	\$ 1,563	\$ 34.81	\$ 14,492	\$ 16,056
2031	416,362	\$ 2.64	\$ 1,585	\$ 36.64	\$ 15,257	\$ 16,843
2032	417,503	\$ 2.68	\$ 1,608	\$ 38.88	\$ 16,232	\$ 17,840
2033	416,362	\$ 2.72	\$ 1,631	\$ 38.82	\$ 16,164	\$ 17,795
2034	416,362	\$ 2.76	\$ 1,654	\$ 39.42	\$ 16,414	\$ 18,068
2035	416,362	\$ 2.80	\$ 1,677	\$ 40.60	\$ 16,905	\$ 18,582
2036	417,503	\$ 2.84	\$ 1,701	\$ 41.22	\$ 17,209	\$ 18,910
2037	416,362	\$ 2.88	\$ 1,725	\$ 45.13	\$ 18,791	\$ 20,516
2038	416,362	\$ 2.92	\$ 1,750	\$ 46.99	\$ 19,563	\$ 21,313
2039	416,362	\$ 2.96	\$ 1,774	\$ 48.57	\$ 20,224	\$ 21,998
2040	417,503	\$ 3.00	\$ 1,800	\$ 50.12	\$ 20,926	\$ 22,726
Total	8,332,945		31,592		277,254	308,846
NPV 2021\$			\$ 16,702		\$ 132,483	\$ 149,185

Early Levelized Capacity Payments

	Energy (MWH)	Capacity Rates (\$/kw-month)	Total Capacity Payments (\$000)	Energy Rates (\$/MWh)	Total Energy Payments (\$000)	Total Payments to Renewable Provider (\$000)
2021	416,362	\$ 2.53	\$ 1,521	\$ 19.52	\$ 8,128	\$ 9,649
2022	416,362	\$ 2.54	\$ 1,522	\$ 17.74	\$ 7,385	\$ 8,907
2023	416,362	\$ 2.54	\$ 1,523	\$ 17.39	\$ 7,242	\$ 8,765
2024	417,503	\$ 2.54	\$ 1,524	\$ 18.21	\$ 7,601	\$ 9,126
2025	416,362	\$ 2.54	\$ 1,526	\$ 20.22	\$ 8,419	\$ 9,945
2026	416,362	\$ 2.55	\$ 1,527	\$ 22.46	\$ 9,352	\$ 10,879
2027	416,362	\$ 2.55	\$ 1,528	\$ 25.87	\$ 10,771	\$ 12,299
2028	417,503	\$ 2.55	\$ 1,530	\$ 30.26	\$ 12,633	\$ 14,162
2029	416,362	\$ 2.55	\$ 1,531	\$ 32.53	\$ 13,544	\$ 15,076
2030	416,362	\$ 2.55	\$ 1,533	\$ 34.81	\$ 14,492	\$ 16,025
2031	416,362	\$ 2.56	\$ 1,534	\$ 36.64	\$ 15,257	\$ 16,792
2032	417,503	\$ 2.56	\$ 1,536	\$ 38.88	\$ 16,232	\$ 17,768
2033	416,362	\$ 2.56	\$ 1,537	\$ 38.82	\$ 16,164	\$ 17,702
2034	416,362	\$ 2.57	\$ 1,539	\$ 39.42	\$ 16,414	\$ 17,953
2035	416,362	\$ 2.57	\$ 1,541	\$ 40.60	\$ 16,905	\$ 18,446
2036	417,503	\$ 2.57	\$ 1,542	\$ 41.22	\$ 17,209	\$ 18,752
2037	416,362	\$ 2.57	\$ 1,544	\$ 45.13	\$ 18,791	\$ 20,335
2038	416,362	\$ 2.58	\$ 1,546	\$ 46.99	\$ 19,563	\$ 21,109
2039	416,362	\$ 2.58	\$ 1,548	\$ 48.57	\$ 20,224	\$ 21,772
2040	417,503	\$ 2.58	\$ 1,550	\$ 50.12	\$ 20,926	\$ 22,476
Total	8,332,945		30,683		277,254	307,936
NPV 2021\$			\$ 16,702		\$ 132,483	\$ 149,185