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May 22, 2018

**SUPPLEMENT TO STAFF'S
FIRST DATA REQUEST**

-VIA ELECTRONIC FILING-

Ms. Carlotta Stauffer, Commission Clerk
Office of the General Counsel
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

**Re: Docket No. 20180083-EQ - Florida Power & Light Company's Petition for
Approval of Renewable Energy Tariff and Standard Offer Contract**

Dear Ms. Stauffer:

Please find enclosed for filing a copy of Florida Power & Light Company's ("FPL") Supplement to its May 8, 2018 responses to Staff's First Data Request in the above mentioned docket. This Supplement addresses FPL's response to Staff's First Data Request No. 3 by adding pricing information for the year 2018 for the PPA option, since early capacity payments are available in 2018.

Thank you for your assistance. Please contact me should you or your staff have any questions regarding this filing.

Sincerely,

s/ William P. Cox

William P. Cox
Senior Attorney
Florida Bar No. 0093531

WPC/kh

Enclosures

cc: Orlando Wooten, Douglas Wright, Phillip Ellis, Division of Engineering
Rachael Dziechciarz, Office of the General Counsel

QUESTION:

For the Purchase Power Agreement and the 2028 Avoided Unit, 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. Please assume a renewable generator with a 50 MW output providing firm capacity with an in-service date of January 1, 2019, operating at the minimum capacity factor required for full capacity payments and a contract duration of 20 years. Please state the capacity factor assumed for the calculations. Please calculate the total Net Present Value (NPV) of all payments in 2019 dollars, and also provide an explanation of the method and rate used to calculate the NPV.

Please provide the completed table for each of the following five scenarios:

- As-available energy (energy only payments)
- Normal capacity payments
- Levelized payments
- Early payments
- Early levelized payment

RESPONSE:

FPL is supplementing its May 8, 2018 response to this data request by adding pricing information in Attachment No. 1 for the year 2018 for the PPA option, since early capacity payments are available in 2018.

Avoided 2019 PPA - Supplemental

Committed Capacity (MW) 50
Capacity Factor (%) 94%
Payment Type: PPA Normal Capacity

	Energy (MWh)	Capacity Rates (\$/kW-mo)	Total Capacity Payments (\$)	Energy Rates (\$/MWh)	Total Energy Payments (\$)	Total Payments (\$)
2018	411,720	-	-	26.50	10,910,580	10,910,580
2019	411,720	2.00	1,200,000	26.25	10,807,966	12,007,966
2020	412,848	-	-	23.04	9,512,561	9,512,561
2021	411,720	-	-	19.03	7,836,492	7,836,492
2022	411,720	-	-	20.65	8,501,132	8,501,132
2023	411,720	-	-	22.43	9,236,613	9,236,613
2024	412,848	-	-	23.57	9,730,198	9,730,198
2025	411,720	-	-	24.86	10,235,849	10,235,849
2026	411,720	-	-	27.29	11,235,406	11,235,406
2027	411,720	-	-	31.81	13,097,583	13,097,583
2028	412,848	-	-	31.36	12,947,615	12,947,615
2029	411,720	-	-	31.16	12,830,655	12,830,655
2030	411,720	-	-	32.00	13,174,838	13,174,838
2031	411,720	-	-	39.27	16,167,622	16,167,622
2032	412,848	-	-	34.63	14,297,702	14,297,702
2033	411,720	-	-	34.55	14,224,398	14,224,398
2034	411,720	-	-	38.06	15,670,063	15,670,063
2035	411,720	-	-	38.63	15,903,506	15,903,506
2036	412,848	-	-	38.72	15,984,816	15,984,816
2037	411,720	-	-	41.05	16,901,269	16,901,269
2038	411,720	-	-	41.59	17,122,669	17,122,669
Total	8,651,760		1,200,000		266,329,535	267,529,535
Total NPV @7.76% Discount Rate			1,033,394		118,239,717	119,273,111

Avoided 2019 PPA - Supplemental

Committed Capacity (MW) 50
Capacity Factor (%) 94%
Payment Type: PPA Levelized Capacity

	Energy (MWh)	Capacity Rates (\$/kW-mo)	Total Capacity Payments (\$)	Energy Rates (\$/MWh)	Total Energy Payments (\$)	Total Payments (\$)
2018	411,720	-	-	26.50	10,910,580	10,910,580
2019	411,720	0.19	111,403	26.25	10,807,966	10,919,369
2020	412,848	0.19	111,403	23.04	9,512,561	9,623,964
2021	411,720	0.19	111,403	19.03	7,836,492	7,947,895
2022	411,720	0.19	111,403	20.65	8,501,132	8,612,535
2023	411,720	0.19	111,403	22.43	9,236,613	9,348,016
2024	412,848	0.19	111,403	23.57	9,730,198	9,841,601
2025	411,720	0.19	111,403	24.86	10,235,849	10,347,252
2026	411,720	0.19	111,403	27.29	11,235,406	11,346,809
2027	411,720	0.19	111,403	31.81	13,097,583	13,208,986
2028	412,848	0.19	111,403	31.36	12,947,615	13,059,018
2029	411,720	0.19	111,403	31.16	12,830,655	12,942,058
2030	411,720	0.19	111,403	32.00	13,174,838	13,286,241
2031	411,720	0.19	111,403	39.27	16,167,622	16,279,025
2032	412,848	0.19	111,403	34.63	14,297,702	14,409,105
2033	411,720	0.19	111,403	34.55	14,224,398	14,335,801
2034	411,720	0.19	111,403	38.06	15,670,063	15,781,466
2035	411,720	0.19	111,403	38.63	15,903,506	16,014,910
2036	412,848	0.19	111,403	38.72	15,984,816	16,096,219
2037	411,720	0.19	111,403	41.05	16,901,269	17,012,672
2038	411,720	0.19	111,403	41.59	17,122,669	17,234,072
Total	8,651,760		2,228,061		266,329,535	268,557,596
Total NPV @7.76% Discount Rate			1,033,394		118,239,717	119,273,111

Avoided 2019 PPA - Supplemental

Committed Capacity (MW) 50
Capacity Factor (%) 94%
Payment Type: PPA Early Capacity

	Energy (MWh)	Capacity Rates (\$/kW-mo)	Total Capacity Payments (\$)	Energy Rates (\$/MWh)	Total Energy Payments (\$)	Total Payments (\$)
2018	411,720	0.95	570,722	26.50	10,910,580	11,481,302
2019	411,720	0.97	584,990	26.25	10,807,966	11,392,956
2020	412,848	-	-	23.04	9,512,561	9,512,561
2021	411,720	-	-	19.03	7,836,492	7,836,492
2022	411,720	-	-	20.65	8,501,132	8,501,132
2023	411,720	-	-	22.43	9,236,613	9,236,613
2024	412,848	-	-	23.57	9,730,198	9,730,198
2025	411,720	-	-	24.86	10,235,849	10,235,849
2026	411,720	-	-	27.29	11,235,406	11,235,406
2027	411,720	-	-	31.81	13,097,583	13,097,583
2028	412,848	-	-	31.36	12,947,615	12,947,615
2029	411,720	-	-	31.16	12,830,655	12,830,655
2030	411,720	-	-	32.00	13,174,838	13,174,838
2031	411,720	-	-	39.27	16,167,622	16,167,622
2032	412,848	-	-	34.63	14,297,702	14,297,702
2033	411,720	-	-	34.55	14,224,398	14,224,398
2034	411,720	-	-	38.06	15,670,063	15,670,063
2035	411,720	-	-	38.63	15,903,506	15,903,506
2036	412,848	-	-	38.72	15,984,816	15,984,816
2037	411,720	-	-	41.05	16,901,269	16,901,269
2038	411,720	-	-	41.59	17,122,669	17,122,669
Total	8,651,760		1,155,712		255,418,955	267,485,247
Total NPV @7.76% Discount Rate			1,033,394		118,239,717	119,273,111

Avoided 2019 PPA - Supplemental

Committed Capacity (MW) 50
Capacity Factor (%) 94%
Payment Type: PPA Early Levelized Capacity

	Energy (MWh)	Capacity Rates (\$/kW-mo)	Total Capacity Payments (\$)	Energy Rates (\$/MWh)	Total Energy Payments (\$)	Total Payments (\$)
2018	411,720	0.17	101,272	26.50	10,910,580	11,011,852
2019	411,720	0.17	101,272	26.25	10,807,966	10,909,238
2020	412,848	0.17	101,272	23.04	9,512,561	9,613,833
2021	411,720	0.17	101,272	19.03	7,836,492	7,937,764
2022	411,720	0.17	101,272	20.65	8,501,132	8,602,404
2023	411,720	0.17	101,272	22.43	9,236,613	9,337,885
2024	412,848	0.17	101,272	23.57	9,730,198	9,831,470
2025	411,720	0.17	101,272	24.86	10,235,849	10,337,121
2026	411,720	0.17	101,272	27.29	11,235,406	11,336,678
2027	411,720	0.17	101,272	31.81	13,097,583	13,198,855
2028	412,848	0.17	101,272	31.36	12,947,615	13,048,887
2029	411,720	0.17	101,272	31.16	12,830,655	12,931,927
2030	411,720	0.17	101,272	32.00	13,174,838	13,276,109
2031	411,720	0.17	101,272	39.27	16,167,622	16,268,893
2032	412,848	0.17	101,272	34.63	14,297,702	14,398,974
2033	411,720	0.17	101,272	34.55	14,224,398	14,325,670
2034	411,720	0.17	101,272	38.06	15,670,063	15,771,335
2035	411,720	0.17	101,272	38.63	15,903,506	16,004,778
2036	412,848	0.17	101,272	38.72	15,984,816	16,086,088
2037	411,720	0.17	101,272	41.05	16,901,269	17,002,541
2038	411,720	0.17	101,272	41.59	17,122,669	17,223,941
Total	8,651,760		2,126,708		266,329,535	268,456,243
Total NPV @7.76% Discount Rate			1,033,394		118,239,717	119,273,111