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June 8, 2015

STAFF'S FIRST DATA REQUEST

-VIA ELECTRONIC FILING-

Ms. Ann Cole, Director
Division of the Commission Clerk and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 150108-EQ - Florida Power & Light Company's Petition for Approval
of a Renewable Energy Tariff and Standard Offer Contract

Dear Ms. Cole:

Please find enclosed for filing a copy of Florida Power & Light Company's corrected responses to Staff's First Set of Data Request in the above mentioned docket. This filing replaces the responses filed in this docket on May 12, 2015, and corrects inadvertent calculation errors in the total amounts and the net present values presented in Attachment A.

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/msw
Enclosures

Data Request No. 1: Please complete the following tables describing payments to a renewable provider based on the proposed tariffs included in the company'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, 2016, 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 2016 dollars, and also provide an explanation of the method and rate used to calculate the NPV.

Please provide the completed table for the following five scenarios:

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

FPL's Response: Please see Attachment A.

ATTACHMENT A

FPL's Corrected Response to Staff's First Data Request No. 1

**Docket No. 150108-EQ Staff's First Data Request - Question 1
2019 Combined Cycle Avoided Unit**

Committed Capacity (MW) 50
Capacity Factor (%) 96%
Payment Type: Energy Only

	Energy	Capacity Rates	Total Capacity Payments	Energy Rates	Total Energy Payments	Total Payments
	(MWh)	(\$/kW-mo)	(\$)	(\$/MWh)	(\$)	(\$)
2016	421,632	-	-	38.36	16,172,047	16,172,047
2017	420,480	-	-	28.88	12,144,514	12,144,514
2018	420,480	-	-	31.72	13,339,027	13,339,027
2019	420,480	-	-	41.20	17,324,126	17,324,126
2020	421,632	-	-	43.02	18,140,014	18,140,014
2021	420,480	-	-	45.77	19,244,318	19,244,318
2022	420,480	-	-	52.55	22,095,523	22,095,523
2023	420,480	-	-	56.76	23,866,795	23,866,795
2024	421,632	-	-	53.08	22,381,983	22,381,983
2025	420,480	-	-	54.17	22,777,402	22,777,402
2026	420,480	-	-	52.61	22,121,803	22,121,803
2027	420,480	-	-	54.38	22,865,002	22,865,002
2028	421,632	-	-	53.26	22,457,174	22,457,174
2029	420,480	-	-	55.13	23,181,763	23,181,763
2030	420,480	-	-	61.28	25,767,014	25,767,014
2031	420,480	-	-	64.29	27,033,360	27,033,360
2032	421,632	-	-	66.91	28,210,694	28,210,694
2033	420,480	-	-	70.76	29,753,866	29,753,866
2034	420,480	-	-	73.28	30,813,826	30,813,826
2035	420,480	-	-	75.98	31,947,720	31,947,720
Total	8,415,360	-	-		451,637,972	451,637,972
2016 NPV @ 7.51% discount rate			-		209,258,020	209,258,020

**Docket No. 150108-EQ Staff's First Data Request - Question 1
2019 Combined Cycle Avoided Unit**

Committed Capacity (MW) 50
Capacity Factor (%) 96%
Payment Type: Normal

	Energy	Capacity Rates	Total Capacity Payments	Energy Rates	Total Energy Payments	Total Payments
	(MWh)	(\$/kW-mo)	(\$)	(\$/MWh)	(\$)	(\$)
2016	421,632	-	-	38.36	16,172,047	16,172,047
2017	420,480	-	-	28.88	12,144,514	12,144,514
2018	420,480	-	-	31.72	13,339,027	13,339,027
2019	420,480	6.91	4,144,458	34.48	14,497,272	18,641,729
2020	421,632	7.05	4,227,347	32.53	13,713,898	17,941,245
2021	420,480	7.19	4,311,894	35.00	14,714,988	19,026,882
2022	420,480	7.33	4,398,132	36.90	15,513,880	19,912,012
2023	420,480	7.48	4,486,094	38.35	16,126,364	20,612,459
2024	421,632	7.63	4,575,816	39.49	16,651,195	21,227,011
2025	420,480	7.78	4,667,333	40.70	17,111,665	21,778,997
2026	420,480	7.93	4,760,679	41.90	17,617,630	22,378,309
2027	420,480	8.09	4,855,893	43.17	18,150,225	23,006,118
2028	421,632	8.26	4,953,011	44.43	18,734,005	23,687,016
2029	420,480	8.42	5,052,071	45.76	19,242,044	24,294,115
2030	420,480	8.59	5,153,112	47.09	19,801,269	24,954,381
2031	420,480	8.76	5,256,175	48.49	20,387,123	25,643,298
2032	421,632	8.94	5,361,298	49.88	21,030,438	26,391,736
2033	420,480	9.11	5,468,524	51.34	21,585,462	27,053,986
2034	420,480	9.30	5,577,894	52.35	22,011,537	27,589,432
2035	420,480	9.48	5,689,452	53.36	22,437,613	28,127,066
Total	8,415,360		82,939,183		350,982,194	433,921,377
2016 NPV @ 7.51% discount rate			35,781,744		167,329,685	203,111,430

**Docket No. 150108-EQ Staff's First Data Request - Question 1
2019 Combined Cycle Avoided Unit**

Committed Capacity (MW) 50
Capacity Factor (%) 96%
Payment Type: Levelized

	Energy	Capacity Rates	Total Capacity Payments	Energy Rates	Total Energy Payments	Total Payments
	(MWh)	(\$/kW-mo)	(\$)	(\$/MWh)	(\$)	(\$)
2016	421,632	-	-	38.36	16,172,047	16,172,047
2017	420,480	-	-	28.88	12,144,514	12,144,514
2018	420,480	-	-	31.72	13,339,027	13,339,027
2019	420,480	7.81	4,685,229	34.48	14,497,272	19,182,501
2020	421,632	7.81	4,685,229	32.53	13,713,898	18,399,127
2021	420,480	7.81	4,685,229	35.00	14,714,988	19,400,217
2022	420,480	7.81	4,685,229	36.90	15,513,880	20,199,110
2023	420,480	7.81	4,685,229	38.35	16,126,364	20,811,594
2024	421,632	7.81	4,685,229	39.49	16,651,195	21,336,424
2025	420,480	7.81	4,685,229	40.70	17,111,665	21,796,894
2026	420,480	7.81	4,685,229	41.90	17,617,630	22,302,859
2027	420,480	7.81	4,685,229	43.17	18,150,225	22,835,454
2028	421,632	7.81	4,685,229	44.43	18,734,005	23,419,235
2029	420,480	7.81	4,685,229	45.76	19,242,044	23,927,274
2030	420,480	7.81	4,685,229	47.09	19,801,269	24,486,498
2031	420,480	7.81	4,685,229	48.49	20,387,123	25,072,353
2032	421,632	7.81	4,685,229	49.88	21,030,438	25,715,667
2033	420,480	7.81	4,685,229	51.34	21,585,462	26,270,691
2034	420,480	7.81	4,685,229	52.35	22,011,537	26,696,767
2035	420,480	7.81	4,685,229	53.36	22,437,613	27,122,843
Total	8,415,360		79,648,901		350,982,194	430,631,095
2016 NPV @ 7.51% discount rate			35,545,381		167,329,685	202,875,066

**Docket No. 150108-EQ Staff's First Data Request - Question 1
2019 Combined Cycle Avoided Unit**

Committed Capacity (MW) 50
Capacity Factor (%) 96%
Payment Type: Early

	Energy	Capacity Rates	Total Capacity Payments	Energy Rates	Total Energy Payments	Total Payments
	(MWh)	(\$/kW-mo)	(\$)	(\$/MWh)	(\$)	(\$)
2016	421,632	5.01	3,003,142	38.36	16,172,047	19,175,189
2017	420,480	5.11	3,063,205	28.88	12,144,514	15,207,719
2018	420,480	5.21	3,124,469	31.72	13,339,027	16,463,496
2019	420,480	5.31	3,186,958	34.48	14,497,272	17,684,230
2020	421,632	5.42	3,250,698	32.53	13,713,898	16,964,595
2021	420,480	5.53	3,315,712	35.00	14,714,988	18,030,700
2022	420,480	5.64	3,382,026	36.90	15,513,880	18,895,906
2023	420,480	5.75	3,449,666	38.35	16,126,364	19,576,031
2024	421,632	5.86	3,518,660	39.49	16,651,195	20,169,854
2025	420,480	5.98	3,589,033	40.70	17,111,665	20,700,698
2026	420,480	6.10	3,660,814	41.90	17,617,630	21,278,443
2027	420,480	6.22	3,734,030	43.17	18,150,225	21,884,255
2028	421,632	6.35	3,808,710	44.43	18,734,005	22,542,716
2029	420,480	6.47	3,884,885	45.76	19,242,044	23,126,929
2030	420,480	6.60	3,962,582	47.09	19,801,269	23,763,851
2031	420,480	6.74	4,041,834	48.49	20,387,123	24,428,957
2032	421,632	6.87	4,122,671	49.88	21,030,438	25,153,108
2033	420,480	7.01	4,205,124	51.34	21,585,462	25,790,586
2034	420,480	7.15	4,289,227	52.35	22,011,537	26,300,764
2035	420,480	7.29	4,375,011	53.36	22,437,613	26,812,624
Total	8,415,360		72,968,456		350,982,194	423,950,650
2016 NPV @ 7.51% discount rate			35,472,975		167,329,685	202,802,660

**Docket No. 150108-EQ Staff's First Data Request - Question 1
2019 Combined Cycle Avoided Unit**

Committed Capacity (MW) 50
Capacity Factor (%) 96%
Payment Type: Early Levelized

	Energy	Capacity Rates	Total Capacity Payments	Energy Rates	Total Energy Payments	Total Payments
2016	421,632	5.77	3,461,137	38.36	16,172,047	19,633,184
2017	420,480	5.77	3,461,137	28.88	12,144,514	15,605,651
2018	420,480	5.77	3,461,137	31.72	13,339,027	16,800,164
2019	420,480	5.77	3,461,137	34.48	14,497,272	17,958,409
2020	421,632	5.77	3,461,137	32.53	13,713,898	17,175,035
2021	420,480	5.77	3,461,137	35.00	14,714,988	18,176,125
2022	420,480	5.77	3,461,137	36.90	15,513,880	18,975,017
2023	420,480	5.77	3,461,137	38.35	16,126,364	19,587,501
2024	421,632	5.77	3,461,137	39.49	16,651,195	20,112,332
2025	420,480	5.77	3,461,137	40.70	17,111,665	20,572,802
2026	420,480	5.77	3,461,137	41.90	17,617,630	21,078,767
2027	420,480	5.77	3,461,137	43.17	18,150,225	21,611,362
2028	421,632	5.77	3,461,137	44.43	18,734,005	22,195,142
2029	420,480	5.77	3,461,137	45.76	19,242,044	22,703,181
2030	420,480	5.77	3,461,137	47.09	19,801,269	23,262,406
2031	420,480	5.77	3,461,137	48.49	20,387,123	23,848,260
2032	421,632	5.77	3,461,137	49.88	21,030,438	24,491,575
2033	420,480	5.77	3,461,137	51.34	21,585,462	25,046,599
2034	420,480	5.77	3,461,137	52.35	22,011,537	25,472,674
2035	420,480	5.77	3,461,137	53.36	22,437,613	25,898,750
Total	8,415,360		69,222,741		350,982,194	420,204,935
2016 NPV @ 7.51% discount rate			35,257,714		167,329,685	202,587,399