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June 18, 2010

**VIA HAND DELIVERY**

Ms. Ann Cole  
Division of the Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850

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10 JUN 18 PM 1:45  
COMMISSION  
CLERK


**RE: Docket No. 100169-EI - 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 the original and five (5) copies of Florida Power & Light Company's responses to Staff Data Request No. 2 in the above mentioned docket.

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

Sincerely

  
Bryan S. Anderson  
Authorized House Counsel No. 219511

- COM \_\_\_\_\_
- APA \_\_\_\_\_
- ECR \_\_\_\_\_
- GCL 4+1CD
- RAD 1
- SSC \_\_\_\_\_
- ADM \_\_\_\_\_
- OPC \_\_\_\_\_
- CLK \_\_\_\_\_

Enclosures

cc: Martha Brown, Senior Attorney  
Shevie Brown, Office of Regulatory Analysis

DOCUMENT NUMBER-DATE  
#5105 JUN 18 2010

FPSC-COMMISSION CLERK

Estimated Payments to 50 MW Renewable Resource providing Firm Capacity																							
Scenario		Normal Capacity Payment																					
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	NPV	Nominal	
Capacity (MW)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50			
Energy (\$/MWh)	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720		
Capacity Factor (%)	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%		
Payment Rates																							
Capacity (\$/KW-Mo)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.65	12.01	12.38	12.76	13.16	13.56		
Energy (\$/MWh)	59.87	58.59	55.33	58.22	66.38	76.04	82.15	88.22	95.05	101.44	106.75	109.13	106.92	111.73	104.37	106.97	109.62	112.41	115.26	118.11			
Total (\$/MWh)	59.87	58.59	55.33	58.22	66.38	76.04	82.15	88.22	95.05	101.44	106.75	109.13	106.92	111.73	121.35	124.47	127.66	131.00	134.44	137.87			
Payments																							
Capacity (\$000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,990	7,206	7,428	7,656	7,896	8,136	13,218	58,530
Energy (\$000)	24,649	24,122	22,780	23,970	27,329	31,306	33,822	36,321	39,133	41,764	43,950	44,930	44,020	46,001	42,973	44,040	45,134	46,281	47,455	48,629	357,371	758,607	
Total (\$000)	24,649	24,122	22,780	23,970	27,329	31,306	33,822	36,321	39,133	41,764	43,950	44,930	44,020	46,001	49,963	51,246	52,562	53,937	55,351	56,765	370,588	803,919	

Estimated Payments to 50 MW Renewable Resource providing Firm Capacity																							
Scenario		Early Capacity Payment																					
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	NPV	Nominal	
Capacity (MW)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50			
Energy (\$/MWh)	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720		
Capacity Factor (%)	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%		
Payment Rates																							
Capacity (\$/KW-Mo)	-	-	-	-	-	-	-	-	-	-	-	7.71	7.94	8.18	8.42	8.67	8.93	9.20	9.47	9.75			
Energy (\$/MWh)	59.87	58.59	55.33	58.22	66.38	76.04	82.15	88.22	95.05	101.44	106.75	109.13	106.92	111.73	104.37	106.97	109.62	112.41	115.26	118.11			
Total (\$/MWh)	59.87	58.59	55.33	58.22	66.38	76.04	82.15	88.22	95.05	101.44	106.75	120.37	118.49	123.65	116.65	119.60	122.64	125.81	129.06	132.32			
Payments																							
Capacity (\$000)	-	-	-	-	-	-	-	-	-	-	-	4,628	4,766	4,907	5,053	5,203	5,358	5,517	5,682	5,850	15,254	62,219	
Energy (\$000)	24,649	24,122	22,780	23,970	27,329	31,306	33,822	36,321	39,133	41,764	43,950	44,930	44,020	46,001	42,973	44,040	45,134	46,281	47,455	48,629	357,371	758,607	
Total (\$000)	24,649	24,122	22,780	23,970	27,329	31,306	33,822	36,321	39,133	41,764	43,950	49,558	48,786	50,908	48,026	49,243	50,492	51,798	53,136	54,479	372,625	805,572	

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Estimated Payments to 50 MW Renewable Resource providing Firm Capacity																													
Scenario	Levelized Capacity Payment																				NPV	Nominal							
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030									
Capacity (MW)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50								
Energy (MWh)	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720								
Capacity Factor (%)	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%								
Payment Rates																													
Capacity (\$/MW-Mo)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.84	12.92	13.00	13.08	13.17	13.26		
Energy (\$/MWh)	59.87	58.588	55.328	58.218	66.378	76.038	82.148	88.218	95.048	101.44	106.75	109.13	106.92	111.73	104.37	106.97	109.62	112.41	115.26	118.11									
Total (\$/MWh)	59.87	58.588	55.328	58.218	66.378	76.038	82.148	88.218	95.048	101.44	106.75	109.13	106.92	111.73	123.08	125.79	128.56	131.47	134.45	137.43									
Payments																													
Capacity (\$000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,704	7,751	7,799	7,849	7,901	7,955	13,766	60,725
Energy (\$000)	24,649	24,122	22,780	23,970	27,329	31,306	33,822	36,321	39,133	41,764	43,950	44,930	44,020	46,001	42,973	44,040	45,134	46,281	47,455	48,629	357,371	758,607							
Total (\$000)	24,649	24,122	22,780	23,970	27,329	31,306	33,822	36,321	39,133	41,764	43,950	44,930	44,020	46,001	50,676	51,790	52,933	54,130	55,356	56,584	371,136	805,566							

Estimated Payments to 50 MW Renewable Resource providing Firm Capacity																									
Scenario	Early Levelized Capacity Payment																				NPV	Nominal			
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030					
Capacity (MW)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50				
Energy (MWh)	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720	411,720				
Capacity Factor (%)	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%	94%				
Payment Rates																									
Capacity (\$/MW-Mo)	-	-	-	-	-	-	-	-	-	-	-	-	8.74	8.79	8.83	8.88	8.93	8.98	9.03	9.08	9.14				
Energy (\$/MWh)	59.87	58.588	55.328	58.218	66.378	76.038	82.148	88.218	95.048	101.44	106.75	109.13	106.92	111.73	104.37	106.97	109.62	112.41	115.26	118.11					
Total (\$/MWh)	59.87	58.588	55.328	58.218	66.378	76.038	82.148	88.218	95.048	101.44	106.75	121.87	119.72	124.60	117.31	119.98	122.71	125.57	128.50	131.43					
Payments																									
Capacity (\$000)	-	-	-	-	-	-	-	-	-	-	-	-	5,245	5,271	5,299	5,328	5,357	5,387	5,418	5,450	5,483	15,843	64,079		
Energy (\$000)	24,649	24,122	22,780	23,970	27,329	31,306	33,822	36,321	39,133	41,764	43,950	44,930	44,020	46,001	42,973	44,040	45,134	46,281	47,455	48,629	357,371	758,607			
Total (\$000)	24,649	24,122	22,780	23,970	27,329	31,306	33,822	36,321	39,133	41,764	43,950	50,175	49,292	51,300	48,300	49,397	50,521	51,699	52,904	54,111	373,213	806,844			

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