

Kevin I.C. Donaldson Senior Attorney Florida Power & Light Company 700 Universe Boulevard Juno Beach, FL 33408-0420 (561) 304-5170 (561) 691-7135 (Facsimile)

August 30, 2018

## -VIA HAND DELIVERY-

Carlotta Stauffer, Director Division of Commission Clerk Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850

Re:

Docket No. 180000-EI

Florida Power & Light Company's 2018 Ten Year Power Plant Site Plan Errata

Dear Ms. Stauffer:

Please find enclosed for filing, Florida Power & Light Company's 2018-2027 Ten Year Power Plant Site Plan Errata reflecting corrected information for Table I.B.2 on page 20, Schedule 3.1 on page 41 and Schedule 3.2 on page 42. Corrections are included in red print. Please be advised that five (5) hard copies also will be provided to your office.

Please contact me should you have any questions or concerns.

Sincerely,

/s/ Kevin Donaldson Kevin I.C. Donaldson Fla. Bar No. 0833401

Enclosure

COMMISSION CLERK 018 AUG 30 AM 8: 5

Florida Power & Light Company

## Table I.B.2: FPL's Firm Purchased Power Summer MW

## Summary of FPL's Firm Capacity Purchases: Summer MW (for August of Year Shown)

I. Purchases from QF's												
Cogeneration Small Power	Contract	Contract	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Production Facilities 2/	Start Date	End Date	2010	2019	2020	2021	2022	2023	2024	2025	2020	2021
Broward South	01/01/93	12/31/26	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0
Broward South	01/01/95	12/31/26	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0
Broward South	01/01/97	12/31/26	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0
Indiantown Cogen L.P.	12/22/95	1st Qtr/2020	330	0	0	0	0	0	0	0	0	0
	334	4	4	4	4	4	4	4	4	0		
II. Purchases from Utilities												
	Contract	Contract										
	Start Date	End Date	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Exelon Generation Company, LLC	05/01/18	09/30/18	200	0	0	0	0	0	0	0	0	0
OUC / FMPA	10/01/18	12/31/20	0	100	100	0	0	0	0	0	0	0
L	Itility Purcha	ses Subtotal:	200	100	100	0	0	0	0	0	0	0
•												
Total of C	F and Utility	y Purchases =	534	104	104	4	4	4	4	4	4	0
III. Other Purchases			- 6									
	Contract	Contract	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	Start Date	End Date	2010	2010	2020	2021	LOLL	2020	LOLI			
Palm Beach SWA - Extension1/	01/01/12	04/01/34	40	40	40	40	40	40	40	40	40	40
Palm Beach SWA - Additional	01/01/16	04/01/34	70	70	70	70	70	70	70	70	70	70
Unspecified Purchase <sup>3/</sup>	05/01/19	12/31/19	0	0	0	0	0	0	-0	0	0	<del>-0</del>
Unspecified Purchase3/	05/01/20	12/31/20	0	0	55	0	0	0	0	0	0	0
Unspecified Purchase3/	05/01/27	10/31/27	0	0	0	0	0	0	0	Ó	0	262
C	110	110	165	110	110	110	110	110	110	372		
Total "Non-QF" Purchases = 310 210 265 110 110 110 110 110 372												
2012 2012 2012 2012 2012 2012 2012 2012												
Common Flore Comm	alfu Dunal	Total Mari	2018	2019	2020	2021	2022	2023	2024	2025	2026 114	2027 372
Summer Firm Capa	city Purchas	ses rotal MW:[	644	214	269	114	114	114	114	114	114	312

<sup>1/</sup> When the second unit came into commercial service at the Palm Beach SWA, neither unit met the standards to be a small power producer, and it then became accounted for under "Other Purchases"

<sup>2/</sup> The Indiantown Cogen L.P. PPA is projected to end, and the generating unit to be retired, in 1st Quarter 2019-2020.

<sup>3/</sup> These Unspecified Purchases are short-term purchases for the Summer of 2919, 2020 and 2027 that are included for resource planning purposes. No decision regarding such purchases is needed at this time.

### Table I.B.2: FPL's Firm Purchased Power Summer MW

# Summary of FPL's Firm Capacity Purchases: Summer MW (for August of Year Shown)

I. Purchases from QF's										,		
Cogeneration Small Power	Contract	Contract	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Production Facilities 2/	Start Date	End Date	2010	2019	2020	2021	2022	2023	2024	2020	2020	2021
Broward South	01/01/93	12/31/26	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0
Broward South	01/01/95	12/31/26	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1,5	1.5	0
Broward South	01/01/97	12/31/26	0.6	0.6	0.6	0,6	0.6	0.6	0.6	0.6	0.6	0
Indiantown Cogen L.P.	12/22/95	1st Qtr/2020	330	0	0	0	0	0	0	0	0	0
	QF Purch	ases Subtotal:	334	4	4	4	4	4	4	4	4	0
II. Purchases from Utilities												
III. T GIOIGGGG HOIN GUITAGG	Contract Start Date	Contract End Date	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Exelon Generation Company, LLC	05/01/18	09/30/18	200	0	0	0	0	0	0	0	0	0
OUC / FMPA	10/01/18	12/31/20	0	100	100	0	0	0	0	0	0	0
	Jtility Purcha	ases Subtotal:	200	100	100	0	0	0	0	0	0	0
Total of C	QF and Utility	y Purchases ≕	534	104	104	4	4	4	4	4	4	0
III. Other Purchases												
	Contract Start Date	Contract End Date	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Palm Beach SWA - Extension <sup>1/</sup>	01/01/12	04/01/34	40	40	40	40	40	40	40	40	40	40
Palm Beach SWA - Additional	01/01/16	04/01/34	70	70	70	70	70	70	70	70	70	70
Unspecified Purchase <sup>3/</sup>	05/01/20	12/31/20	0	0	55	0	0	0	0	0	0	0
Unspecified Purchase <sup>3/</sup>	05/01/27	10/31/27	0	0	0	0	0	0	0	0	0	262
	Other Purcha	ses Subtotal:	110	110	165	110	110	110	110	110	110	372
To	tal "Non-QF	'Purchases =	310	210	265	110	110	110	110	110	110	372
		r	0040	0040	0000	2024	2022	2022	2024	2025	2026	2027
			2018	2019	2020	2021	2022	2023	2024	2025	2020	2021

<sup>1/</sup> When the second unit came into commercial service at the Palm Beach SWA, neither unit met the standards to be a small power producer, and it then became accounted for under "Other Purchases"

214

269

114

114

Summer Firm Capacity Purchases Total MW: 644

<sup>2/</sup> The Indiantown Cogen L.P. PPA is projected to end, and the generating unit to be retired, in 1st Quarter 2020.

<sup>3/</sup> These Unspecified Purchases are short-term purchases for the Summer of 2020 and 2027 that are included for resource planning purposes. No decision regarding such purchases is needed at this time.

### Schedule 3.1 History of Summer Peak Demand (MW)

(1)	(2)	(3)	. (4)	(5)	(6)	(7)	(8)	(9)	(10)
					Res, Load	Residential	C/I Load	C/I	Net Firm
Year	Total	Wholesale	Retail	Interruptible	Management	Conservation	Management	Conservation	Demand
2008	21,060	181	20,879	0	966	1,042	760	706	19,334
2008	22,351	249	22,102	0	981	1,097	811	732	20,558
2010	22,256	419	21,837	o	990	1,181	815	758	20,451
2011	21,619	427	21,192	0	1,000	1,281	821	781	19,798
2012	21,440	431	21,009	0	1,013	1,351	833	810	19,594
2013	21,576	396	21,180	0	1,025	1,417	833	839	19,718
2014	22,935	1,155	21,780	0	1,010	1,494	843	866	21,082
2015	22,959	1,303	21,656	0	878	1,523	826	873	21,255
2016	23,858	1,367	22,491	0	882	1,548	836	888	22,140
2017	23,373	1,393	21,980	0	910	1,560	825	903	21,639

Historical Values (2008 - 2017):

Col. (2) - Col. (4) are actual values for historical Summer peaks. As such, they incorporate the effects of conservation (Col. 7 & Col. 9), and may incorporate the effects of load control if load control was operated on these peak days. Therefore, Col. (2) represents the actual Net Firm Demand.

Col. (5) - Col. (9) represent actual DSM capabilities starting from January 1988 and are annual (12-month) values except for 2016-2017 values which are through August.

Col. (6) values for 2015 and 2016 primarily reflect a short-term hardware communications issue that is projected to be resolved by the end of 2017.

Col. (10) represents a hypothetical "Net Firm Demand" as if the load control values had definitely been exercised on the peak. Col. (10) is derived by the formula: Col. (10) = Col.(2) - Col.(6) - Col.(8).

Schedule 3.1 Forecast of Summer Peak Demand (MW)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
August of Year	Total	Wholesale	Retail	Interruptible	Res. Load Management*	Residential Conservation	C/I Load Management*	C/I Conservation	Net Firm Demand
2018	24,010	1,468	22,543	0	903	12	882	14	22,199
2019	24,456	1,440	23,016	0	917	24	924	28	22,564
2020	24,713	1,408	23,305	0	924	36	954	42	22,757
2021	24,904	1,218	23,686	0	931	48	970	57	22,897
2022	25,189	1,235	23,955	0	939	61	982	72	23,136
2023	25,546	1,248	24,299	0	946	74	993	87	23,445
2024	25,939	1,256	24,683	0	953	88	1,005	103	23,789
2025	26,259	1,211	25,047	0	960	101	1,017	120	24,060
2026	26,672	1,231	25,441	0	967	115	1,029	136	24,425
2027	27,076	1,255	25,821	0	975	129	1,040	152	24,780

Projected Values (2018 - 2027):

Col. (2) - Col. (4) represent FPL's forecasted peak and does not include incremental conservation, cumulative load management, or incremental load management.

Col. (5) - Col. (9) represent cumulative load management, and incremental conservation and load management. All values are projected August values.

Col. (8) represents FPL's Business On Call, CDR, CILC, and Curtailable programs/rates.

Col. (10) represents a 'Net Firm Demand' which accounts for all of the incremental conservation and assumes all of the load control is implemented on the peak. Col. (10) is derived by using the formula: Col. (10) = Col. (2) - Col. (5) - Col. (6) - Col. (7) - Col. (8) - Col. (9).

Schedule 3.1
History of Summer Peak Demand (MW)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
					Res, Load	Residential	C/I Load	C/I	Net Firm
Year	Total	Wholesale	Retail	Interruptible	Management	Conservation	Management	Conservation	Demand
2008	21,060	181	20,879	0	966	1,042	760	706	19,334
2009	22,351	249	22,102	0	981	1,097	811	732	20,558
2010	22,256	419	21,837	0	990	1,181	815	758	20,451
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2017	23,373	1,393	21,980	0	910	1,560	825	903	21,639

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(1)	(2	)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
August						Res. Load	Residential	C/I Load	СЛ	Net Firm
Year	Tot	al W	holesale	Retail	Interruptible	Management*	Conservation	Management*	Conservation	Demand
2018	24,0	10	1,468	22,543	0	903	12	882	14	22,199
2019	24,4	56	1,440	23,016	0	917	24	924	28	22,564
2020	24,7	13	1,408	23,305	0	924	36	954	42	22,757
2021	24,9	04	1,218	23,686	0	931	48	970	57	22,897
2022	25,1	89	1,235	23,955	0	939	61	982	72	23,136
2023.	25,5	46	1,248	24,299	0	946	74	993	87	23,445
2024	25,9	39	1,256	24,683	0	953	88	1,005	103	23,789
2025	26,2	59	1,211	25,047	0	960	101	1,017	120	24,060
2026	26,6	72	1,231	25,441	0	967	115	1,029	136	24,425
2027	27,0	76	1,255	25,821	0	975	129	1,040	152	24,780

#### Projected Values (2018 - 2027):

Col. (2) - Col. (4) represent FPL's forecasted peak and does not include incremental conservation, cumulative load management, or incremental load management.

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#### Schedule 3.2 History of Winter Peak Demand (MW)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Year	Total	Firm Wholesale	Retail	Interruptible	Res. Load	Residential	C/I Load Management	C/I	Net Firm Demand
-	Teal	- Total	villolesale	Retail	illerruptible	Wallagement	Conservation	Wallagelliellt	Conscivation	Demana
	2008	18,055	163	17,892	0	868	644	636	279	16,551
	2009	20,081	207	19,874	0	881	666	676	285	18,524
	2010	24,346	500	23,846	0	895	687	721	291	22,730
	2011	21,126	383	20,743	0	903	717	723	303	19,501
	2012	17,934	382	17,552	0	856	755	722	314	16,356
	2013	15,931	348	15,583	0	843	781	567	326	14,521
	2014	17,500	890	16,610	0	828	805	590	337	16,083
	2015	19,718	1.329	18,389	0	822	835	551	346	18,345
	2016	16.941	1.087	15.854	0	742	858	570	352	15,629
	2017	17,074	1,098	15,976	0	759	861	577	364	15,738

#### Historical Values (2008 - 2017):

Col. (2) - Col. (4) are actual values for historical Winter peaks. As such, they incorporate the effects of conservation (Col. 7 & Col. 9), and may incorporate the effects of load control if load control was operated on these peak days. Therefore, Col. (2) represents the actual Net Firm Demand. For year 2011, the actual winter peak occurred in December of 2010.

Col. (5) - Col. (9) for 2006 through 2017 represent actual DSM capabilities starting from January 1988 and are annual (12-month) values.

Col. (6) values for 2015 and 2016 primarily reflect a short-term hardware communications issue that is projected to be resolved by the end of 2017.

Col. (10) represents a hypothetical "Net Firm Demand" as if the load control values had definitely been exercised on the peak. Col. (10) is derived by the formula: Col. (10) = Col.(2) - Col.(6) - Col.(8).

Schedule 3.2 Forecast of Winter Peak Demand (MW)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
January of Year	Total	Firm Wholesale	Retail	Interruptible	Res. Load Management*	Residential Conservation	C/I Load Management*	C/I Conservation	Net Firm Demand
2018	19,604	1,208	18,396	0	760	3	609	9	18,222
2019	19,989	1,157	18,832	0	757	7	635	19	18,571
2020	20,182	1,074	19,108	0	763	11	659	30	18,720
2021	20,430	1,059	19,372	0	768	16	672	41	18,934
2022	20,489	850	19,640	0	774	20	677	52	18,966
2023	20,774	862	19,912	0	780	25	683	63	19,222
2024	21,067	873	20,193	0	786	30	688	75	19,486
2025	21,283	803	20,480	0	792	36	694	88	19,674
2026	21,579	803	20,776	0	798	41	699	100	19,940
2027	21,867	806	21,061	0	804	47	705	112	20,199

### Projected Values (2018 - 2027):

Col. (2) - Col. (4) represent FPL's forecasted peak and does not include incremental conservation, cumulative load management, or incremental load management.

Col. (5) - Col. (9) represent cumulative load management, and incremental conservation and load management. All values are projected January

Col. (8) represents FPL's Business On Call, CDR, CILC, and Curtailable programs/rates.

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		Firm			Res. Load	Residential	C/I Load	C/I	Net Firm
Year	Total	Wholesale	Retail	Interruptible	Management	Conservation	Management	Conservation	Demand
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2014	17,500	890	16,610	0	828	805	590	337	16,083
2015	19,718	1,329	18,389	0	822	835	551	346	18,345
2016	16,941	1,087	15,854	0	742	858	570	352	15,629
2017	17,074	1,098	15,976	0	759	861	577	364	15,738

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Schedule 3.2 Forecast of Winter Peak Demand (MW)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
January of	~	Firm	D-4-7	1-1	Res. Load	Residential	C/I Load	C/I	Net Firm
Year	Total ·	Wholesale	Retail	interruptible	wanagement <sup>2</sup>	Conservation	Management*	Conservation	Demand
2018	19,604	1,208	18,396	0	760	3	609	9	18,222
2019	19,989	1,157	18,832	0	757	7	635	19	18,571
2020	20,182	1,074	19,108	0	763	11	659	30	18,720
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2023	20,774	862	19,912	0	780	25	683	63	19,222
2024	21,067	873	20,193	0	786	30	688	75	19,486
2025	21,283	803	20,480	0	792	36	694	88	19,674
2026	21,579	803	20,776	0	798	41	699	100	19,940
2027	21,867	806	21,061	0	804	47	705	112	20,199

# Projected Values (2018 - 2027):

Col. (2) - Col. (4) represent FPL's forecasted peak and does not include incremental conservation, cumulative load management, or incremental load management.

Col. (5) - Col. (9) represent cumulative load management, and incremental conservation and load management. All values are projected January values

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