# State of Florida



# **Public Service Commission**

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE:

May 21, 2019

TO:

Adam Teitzman, Commission Clerk, Office of Commission Clerk

FROM:

Doug Wright, Engineering Specialist, Division of Engineering

RE:

Docket No. 20190000-OT - Undocketed filings for 2019.

Please file the attached, "FPL errata corrections to Schedule 8 on page 120, Schedule 8 on page 121, Schedule 9 on page 152, Schedule 11.1 on page 180, and IV.F and IV.F.1 on page 190 – FPL's Ten-Year Site Plan," in the above mentioned docket file.

Thank you.

DW/pz

Attachment



William P. Cox Senior Attorney Florida Power & Light Company 700 Universe Boulevard Juno Beach, Florida 33408-0420 (561) 304-5662 (561) 691-7135 (Facsimile) Email: will.p.cox@fpl.com

May 10, 2019

## -VIA ELECTRONIC FILING-

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

RE: Florida Power & Light Company's 2019 Ten Year Power Plant Site Plan Errata Docket 20190000-OT (Undocketed filings for 2019)

Dear Mr. Teitzman:

Please find enclosed for electronic filing Florida Power & Light Company's 2019 Ten Year Power Plant Site Plan Errata reflecting corrected information for Schedule 8 on page 120, Schedule 8 on page 121, Schedule 9 on page 152, Schedule 11.1 on page 180, and IV.F.1 on page 190. Corrections are included in red font.

If there are any questions regarding this transmittal, please contact me at (561)304-5662.

Sincerely,

/s/ William P. Cox William P. Cox Senior Attorney Fla. Bar No. 00093531

Enclosure

cc: Douglas Wright / Philip Ellis, Division of Engineering

Schedule 8 Planned And Prospective Generating Facility Additions And Changes (1)

		(2)	(3)	(4)	(5)	(5)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
							F	uel					F	irm	
					F	uol	Tran	nsport	Const	Comm.	Expected	Gen, Max	Nat Ca	pability (2)	
		Unit		Unit				iop of t		In-Service		Nameplate	Winter	Summer	_
	Plant Name	No.	Location	Type	Pri.	Alt.	Pri.	Alt.	Mo./Yr.	Mo./Yr.	Mo./Yr.	KW	MW	MW	Statu
ADDITIO	ONS/ CHANGES			.,,,-			-								
2019				-		_		_			-				
	Sunshine Gateway Solar(3)	1	Columbia County	PV	Solar	Solar	NA	N/A	4	Jan-19	Unknown	74,500	12	41	OP
	Marni Dade Solar(3)	1	Maml-Dade County	PV	Solar	Solar	NA	N/A	-	Jan-19	Unknown	74,500	-	41	OF
	Interstate Solar <sup>(3)</sup>	1	St. Lucie County	PV	Solar	Solar	NA	N/A	-	Jan-19	Unknown	74,500	-	41	OP
	Pioneer Trail Solar(3)	1	Volusia County	PV	Solar	Solar	NA	NA		Jan-19	Unknown	74,500	5.4	41	OP
	Sanford	5	Volusia County	CC	NG	No	PL	No		Apr-19	Unknown	1,188,860		159	OP
	West County	2	Palm Beach County	CC	NG	FO2	PL	TK	-	Apr-19	Unknown	1,336,800	-	22	OP
	Okeechobee Clean Energy Center	1	Okeechobee County	CC	NG	FO2	PL	TK	Jun-17	Mar-19	Unknown			1,778	Р
	Fort Myers	2	Lee County	CC	NG	No	PL	No	-	May-19	Unknown	1,721,490	-	199	OP
	Turkey Point	5	Miami Dade County	CC	NG	FO <sub>2</sub>	PL	TK	-	May-19	Unknown	1,224,510		23	OP
	West County	2	Palm Beach County	CC	NG	FO <sub>2</sub>	PL	TK		May-19	Unknown	1,336,800		43	OP
	Sanford	4	Volusia County	CC	NG	No	PL	No		Jun-19	Unknown	1,188,860	-	148	OP
	Turkey Point	5	Mismi Dade County	CC	NG	FO2	PL	TK	-	Jun-19	Unknown	1,224,510		23	OP
	Fort Myers	2	Lee County	CC	NG	No	PL	No	-	Aug-19	Unknown	1,721,490	-	40	OP
	1600-004-00-00									2019	hanges/Add	itions Total:	0	2,600	_
[non)															
2020	Sanford	5	Volusia County	CC	NG	No	PL	No		Apr-19	Unknown	1,188,860	54		OP
	West County	. 2	Palm Beach County	CC	NG	FO2		TK	-	Apr-19	Unknown	1,336,800	20		OP.
	Okeechobee Clean Energy Center	1	Okeechobee County	CC	NG	FO2		TK	Jun-17	Apr-19	Unknown	1,000,000	1,752		Р
	Fort Myers	2	Lee County	CC	NG	No	PL	No	-	May-19	Unknown	1,721,490	35		OP.
	West County	2	Palm Beach County	CC	NG	FO2	PL	TK	120	May-19	Unknown	1,336,800	40		OP.
	Sanford	4	Volusia County	CC	NG	No	PL	No		Dec-19	Unknown	1,188,860	41		OP
	Fort Myers	2	Lee County	CC	NG	No	PL	No	-	Aug-19	Unknown	1,721,490	7		OP
	Cape Canaveral Energy Center	3	Brevard County	CC	NG	FO2		TK	-	Nov-19	Unknown	1,295,400	15	33	OP
	Manatee	3	Manatee County	CC	NG	No	PL	No		Nov-19	Unknown	612,000	-	116	OP
	Turkey Point	5	Miami Dade County	CC	NG	FO2	1	TK	-	Dec-19	Unknown	1,224,510	34	40	OP
	Northern Preserve Solar(3)	,	Baker County	PV		Solar		N/A	-	Jan-20	Unknown	74.500	34	41	Р
	Twin Lakes Solar <sup>(3)</sup>		Putnam County	PV		Solar				Jan-20	Unknown	74,500	0	41	P
	Cattle Ranch Solar <sup>(3)</sup>	:	Desoto County	PV		Solar		N/A	-	Jan-20 Jan-20	Unknown	74,500	-	41	P
	Sweetbay Solar <sup>(3)</sup>	;	Martin County	PV		Solar		N/A	-	Jan-20 Jan-20	Unknown	74,500	-	41	P
	Babcock Preserve Solar <sup>(3)</sup>	;	Charlotte County	PV		Solar		N/A	-	Jan-20	Unknown	74,500	-	41	P
	Blue Heron Solar <sup>(3)</sup>		Hendry County	PV		Solar	,	N/A	-	Jan-20	Unknown	74,500	-	41	P
	Hibiscus Solar <sup>(3)</sup>	1	Palm Beach County	PV		Solar			-	Apr-20	Unknown	74,500	ā	41	P
	Southfork Solar <sup>(3)</sup>	:								100			-		
		1	Manatee County	PV		Solar		N/A	-	Apr-20	Unknown	74,500	-	41	P
	Echo River Solar <sup>(3)</sup>	1	Suwannee County	PV		Solar			-	Apr-20	Unknown	74,500	-	41	P
	Okeechobee Solar <sup>Ol</sup>	1	Okeechobee Manatee County	PV	Sclar	Solar	NA	N/A	-	Apr-20	Unknown	74,500	2	41	P
	Solar Degradation <sup>(3)</sup>	NA	N/A	NA	NA	NVA	NA	NA	-	NA	NA	NA	-	(2)	ОТ
										2020 0	hanges/Add	Hone Total:	1,998	600	-

<sup>(1)</sup> Schedule 8 shows only planned and prospective changes to FPL generating facilities and does not reflect changes to purchases. Changes to purchases are reflected on Tables ES-1, LB.1 and LB.2.

(2) The Winter Total MW value consists of all generation additions and changes achieved by January. The Summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions and changes achieved by January. The summer Total MW value consists of all generation additions are consistent of the Summer Total MW value consists of all generation additions and changes achieved by January.

Planned And Prospective Generating Facility Additions And Changes (1)

		(2)	(3)	(4)	(5)	(5)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
							FL	ıal					F	irm	
					Fr	rej	Trac	sport	Const.	Comm.	Expected	Gen. Max	Net Car	ability 🥙	
		Unit		Unit					Start	In-Bervice	Retirement	Namoplato	Winter	Gummer	<i>-</i>
	Pizni Name	No.	Location	Тура	Pri.	AlL	Prl.	All.	Mo./Yr.	Mo./Yr.	Mo./Yr.	ŔW	MW	MW	Status
ADDITIO	ONS/ CHANGES														
			· · · · · · · · · · · · · · · ·												
2019	Sunshine Gateway Solar <sup>Ch</sup>		Columbia County	PV	Salas	Solar	. LUA	N/A	_	Jan-19	Unknown	74,500		41	OP
ı	Marri Dade Soler <sup>(1)</sup>	;	Mami-Dade County	PV		Solar		N/A	_	Jan-19	Unknown	74,500		41	OP
l .	Interestate Solar <sup>(3)</sup>	;	St. Lucio County	PV		Sofa		N/A	-	Jan-19	Unknown	74,500		41	OP.
l	Ploneer Trail Solar CT	- :	Volusia County	PV		Solar			-	Jan-19	Unknown	74,500	-	41	OP
1	Senford	:	Volusia County	CC	NG	No	PL	No	-	Apr-19	Unknown	1,188,660		159	OP
i		2		cc	NG		PL		-	Apr-19	Unknown	1,338,600	•	22	OP
	West County	-	Pain Beach County						- -		Unknown	1,330,000	•	1,778	P
	Okeechobee Clean Energy Center	1	Okecchobee County	CC	, NG	FO2		TΚ	Jun-17	Mar-19		4 704 400	•		OP
	Fort Myers	2	Lee County	CC	NG	No	PL	No	•	May-19	Unknown	1,721,490	-	199 23	OP
	Turkey Point	5	Mami Dade County	CC	NG	FO2		TK	•	May-19	Unknown	1,224,510	•		OP
i	West County	2	Pain Beach County	CC	NG	FO2		TK	-	May-19	Unknown	1,336,600	•	43	
ł	Senford	4	Vokrsia County	CC	NG	No	PL	No	-	Jun-19	Unknown	1,188,860	-	148	OP
1	Turkey Point	5	Mizmi Dede County	CC	NG	FO2		TK	-	Jun-19	Unknown	1,224,510	-	23	OP
i	Fort Myers	2	Lee County	CC	NG	No	PL	No	-	Aug-19	Unknown	1,721,490	_ •	40	_ 09
L										2019 (	Changes/Add	itions Total:		2,600	
2020			····												
	Sanford	5	Volusia County	CC	NG	No	PL	No	-	Apr-19	Unknown	1,168,860	54	-	OP
	West County	2	Paim Basch County	CC	NG	FO2	PL	TΚ	-	Apr-19	Unknown.	1,336,860	20	_	OP
	Okeechobee Clean Energy Center	ī	Okeechobee County	CC	NG	FO2	PL	TK	Jun-17	Apr-19	Unknown		1,752	-	P
1	Fort Myers	2	Lee County	CC	NG	No	PL	No	-	May-19	Unknown	1,721,490	35	_	ÓР
	West County	,	Pain Beach County	CC	NG	FO2	PL	TK	-	May-19	Unknown	1,336,800	40	-	QP.
1	Senford	- 7	Volusia County	CC	NG	No	PL	No		Dec-19	Unknown	1,188,860	41		OP
	Fort Myers	j	Lee County	cc	NG	No	PL	No		Aug-19	Unknown	1,721,490	7	_	OP.
ı	Cape Canavoral Energy Center	3	Breverd County	CC	NG	FO2		TK	_	Nov-19	Unknown	1.295,400	15	33	OP
	Manatee	3	Manatae County	CC	NG	No	PL	No		Nov-19	Unknown	612,000		116	OP
	Turkey Point	i	Mami Dade County	CC	NG		PL	TK	_	Dec-19	Unknown	1,224,510	34	40	CP.
	Northern Preserve Solar <sup>(1)</sup>		Baker County	PV		Solar		N/A		Jan-20	Unknown	74,500	•	41	P
	Twin Lakes Sotar <sup>(3)</sup>		Putnem County	PV		Solz				Jan-20	Unknows	74.500	_	41	P
	Cattle Ranch Solar <sup>De</sup>		Desoto County	PV		Solzi			-	Jan-20	Unknown	74,500		41	P
1	Sweetbay Solar <sup>(1)</sup>	:	Martin County	PV		Sole:			•	Jan-20	Unknown	74,500	•	41	P
1	Babcock Preserve Solar <sup>(3)</sup>			PV		Sobe		WA	•	Jan 20	Unknows		•	. 41	P
1	Bitto Heron Solar <sup>(3)</sup>		Charlotte County	PV		Solar		N/A N/A	•	Jan-20 Jan-20	Unknown	74,500 74,500	•	41	P
1	Hibisous Sober <sup>(5)</sup>	:	Hendry County						•		Linknown		•	41	P
		1	Paim Beach County	PV		Solat			•	Apr-20		74,500	•		
	Southfork Solar <sup>(3)</sup>	1	Manatee County	PV		Solar			•	Apr-20	Unknown	74,500	•	41	P
I	Echo River Solar <sup>(3)</sup>	1	Suwannae County	PV	Solar	Sola	N/A	N/A		Apr-20	Unknown	74,500	•	41	Р
1	Oknochobee Solzr <sup>(3)</sup>	1	Okeschobes Manates County	PV	Solar	Solzi	NA	WA	-	Apr-20	Unknown	74,500	•	41	P
1	Solar Degradation <sup>(3)</sup>	N/A	N/A	N/A	N/A	MA	N/Α	WA	_	N/A	N/A	N/A		(2)	OT

<sup>(1)</sup> Schedule 8 shows only planned and prospective changes to FPL generating facilities and does not reflect changes to purchases. Changes to purchases are reflected on Tables ES-1, LB,1 and LB.2.

(2) The Winter Total MW value consists of all generation additions and changes ochieved by January. The Summer Total MW value consists of all generation additions and changes schieved by January. The summer Total MW value consists of all generation additions and changes schieved by January. The Summer Total MW value consists of all generation additions and changes schieved by January. The Summer Total MW value consists of all generation additions and changes schieved by January. The Summer Total MW value consists of all generation additions and changes are reflected on Total MW value consists of all generation additions and changes.

Total due to rounding.

(3) Solar MW values reflect firm capacity only values, not nameptate ratings and FPL currently assumes 0.3% degradation annually for PV output. Solar degredation for existing solar facilities is accounted for in Schedule 1.

#### Schedule 8 Planned And Prospective Generating Facility Additions And Changes (1)

		(2)	(3)	(4)	(5)	(5)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
						i al		iel	Coast	Comm	Expected	Gen. Max		irm	
		Unit		Unit		uel	iran	sport	Const. Start	Comm. In-Service		Nameplate			
	Plant Name	No.	Location		Pri.	Alt	Pri.	Alt	Mo./Yr.	Mo./Yr.	Mo./Yr.	KW	MW	MW	Status
ADDITIO	ONS/ CHANGES														
2021															
	Turkey Point	4	Mami Dade County	ST	Nuc	No	TK	No	-	Oct-20	Unknown	877,200	20	20	OP
	Solar PV <sup>(3)(4)</sup>		Unknown	PV		Solar	NVA	N/A		4th Q 2020			-	248	P
	West County	3	Palm Beach County	CC	NG	FO2	PL	TK	-	May-21	Unknown N/A	1,336,800	100	22	OP
	Solar Degradation <sup>(3)</sup>	NA	NA	N/A	N/A	N/A	NA	NA	•	N/A 2021		N/A ditions Total:	20	(3)	01
2022	West County	3	Palm Beach County	CC	NG	FO2	PL	TK		May-21	Unknown	1,336,800	20		OP
	Manatee Retirement	1	Manatee County	ST	NG	F06	PL	WA		Oct-76	4th Q 2021	863,300	(819)	(809)	P
	Manatee Retirement	2	Manatee County	ST	NG	F06	PL	WA		Dec-77	4th Q 2021	863,300		(809)	P
	Battery Storage	1	Manatee County	BS	NA	NA	NA	NA		4th Q 2021	Unknown		469	469	P
	Solar PV <sup>G)(4)</sup>		Unknown	PV	Solar	Solar	N/A	NA		1st Q 2022	Unknown		-	449	P
	Dania Beach Clean Energy Center	7	Broward County	CC	NG	FO2	PL	WA		Jun-22	Unknown		-	1,163	P
	Solar Degradation <sup>(3)</sup>	N/A	NA	N/A	N/A	N/A	NA	NA	-	NA	N/A	N/A	14 4 40%	(4) 459	OT
										2022	Changes/Add	ditions Total:	(1,149)	409	
2023											The same of the sa		25-392		675
	Dania Beach Clean Energy Center	7	Broward County	CC	NG	FO2	PL	WA		Jun-22	Unknown		1,176	-	P
	Solar PV <sup>(3)</sup> Solar Degradation <sup>(3)</sup>		Unknown	PV	Solar			NA		1 <sup>st</sup> Q 2023 N/A	Unknown N/A	N/A		347	POT
	Solar Degradation*	N/A	N∤A	N/A	N/A	N/A	ΝA	N/A				ditions Total:		342	01
2024															
2024	Solar PV <sup>(3)</sup>		Unknown	PV	Solar	Solar	NA	NA		1 <sup>st</sup> Q 2024	Unknown		+	289	P
	Solar Degradation <sup>(3)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	NA	N/A	N/A	-	(6)	ОТ
										2024	Changes/Add	ditions Total:	0	283	
2025							_								
	Solar PV <sup>(3)</sup>		Unknown	PV	Solar	Solar	N/A	N/A		1 <sup>st</sup> Q 2025	Unknown		-	405	P
	Solar Degradation <sup>(2)</sup>	N/A	N/A	N/A	NVA	NA	NA	N/A	-	NA	N/A	N/A		(7)	OT
										2025	Changes/Add	ditions Total:	0	398	-
2026															
	Unsited Combined Cycle		Unknown	CC	NG	F02	PL	WA		Jun-26	Unknown		-	1,886	P
	Solar Degradation <sup>(2)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	NA	N/A	N/A	2	(8)	ОТ
										2026	Changes/Add	ditions Total:	0	1,878	
2027															
	Unsited Combined Cycle		Unknown	CC	NG	FO2	PL	WA		Jun-26	Unknown		1,880	-	
	Solar PV <sup>3)</sup>		Unknown	PV		Solar		N/A		1st Q 2027			-	347	P
	Solar Degradation <sup>(3)</sup>	N/A	N/A	N/A	N/A	NA	N/A	NA	-	N/A	N/A	N/A	- 2	(8)	OT
L										2027	Changes/Add	ditions Total:	1,880	339	
2028	2000 Change									1352000000000000000000000000000000000000	2000				
	Solar PV <sup>(3)</sup>		Unknown	PV		Solar		N/A		1 <sup>st</sup> Q 2028	Unknown		40	321	P
	Solar Degradation(*)	N/A	N/A	N/A	N/A	NA	NA	N/A	-	N/A	N/A	N/A		(9)	OT
L										2028	Changes/Add	ditions Total:	0	312	

<sup>(1)</sup> Schedule 8 shows only planned and prospective changes to generating facilities and does not reflect changes to expisting purchases. Those changes are reflected on Tables ES-1, LB.1 and LB.2.

(2) The Winter Total MW value consists of all generation additions and changes achieved by January. The Summer Total MW value consists of all generation additions and changes achieved by January. All MW additions/changes occurring after August each year will be accounted for in reserve margin calculations in the following year. MW Difference in Changes/Additions Total due to rounding.

<sup>(3)</sup> Solar values reflect firm capacity only values, not namepiate ratings and FPL currently assumes 0.3% degradation annually for PV output.

(4) Solar PV MW values, and timing of those MW, presented in this table are subject to change based on the outcome of FPL's petition for FPSC approval of FPL's SolarTogether Program. Please see Chapter III for more information.

#### Schedule 8 Planned And Prospective Generating Facility Additions And Changes (1)

		(2)	(3)	(4)	(5)	(5)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
					_		_ Ft		01	0	F	One 11mm	Fit Net Cap		
		Linit		Linit	<u>Fı</u>	161	Iran	sport	Const. Start	Comm. In-Service	Expected Retirement	Gen. Max. Nameplate	Winter	Summer	
	Plant Name	No.	Location	Туре	Prl.	AR.	Prl.	All	Mo./Yr.	Mo./Yr.	Mo./Yr.	KW	MW	MW	Status
ADDITIO	NS/ CHANGES	1101		.775						. 1213.11 2 2 3					
											_				
2021														20	OP
	Turkey Point Solar PV <sup>CXC</sup>	4	Mami Dade County	8T PV	Nuc Solar	No	TK N/A	No N/A	•	Oct-20 4th Q 2020	Unknown	877,200	20	20 248	OP P
	West County	3	Unknown Palm Beach County	CC	NG	FO2	PL	TK	_	May-21	Unknown	1,338,800	-	22	ÓΡ
	Solar Degradation <sup>(3)</sup>	NA.	NA NA	N/A	N/A	N/A	NA	NVA	•	N/A	N/A	N/A		(3)	OT
l	Call Deglaman	14	150	1471	140	147	•••	14.				iitions Total:	20	258	
												1712 11 2 1 2 1 1 1 1			
2022															
	West County	3	Paim Beach County	CC	NG	FO2	PL	TK	-	May-21	Unknown	1,336,600	20	-	OP
1	Manatee Retirement	1	Manatee County	ST	NG	F08	PL	WA	-	Oct-78	4th Q 2021	863,300	(819)	(809)	P
1	Manates Retirement	2	Manatee County	ST	NG	FO6	PL	WA	-	Dec-77	4th Q 2021	563,300	(819)	(809)	P
	Battery Storage Solar PV <sup>CN4</sup> )	1	Manateo County	85	NA	N/A	NA	N/A		4th Q 2021	Unknown		469	469 449	P P
	Sciar PV**** Dania Beach Clean Energy Center	7	Unknown Broward County	PV	Sotar NG	Sotar FO2	N/A PL	WA WA		1st Q 2022 Jun-22	Unknown Unknown		-	1,163	P
ŀ	Solar Degradation <sup>(3)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	_	N/A	N/A	N/A		(4)	от
1	Cual Degradatori	NA	NA	IVA	IAU	wn	140	I	-			Etions Total:	(1.149)	459	
	· · · · · · · · · · · · · · · · · · ·												1414.442	1-1	
2023															
	Dania Beach Clean Energy Conter	7	Broward County	CC	NG	F02	PL	WA		Jun-22	Unknown		1,178	-	P
ļ	Solar PV <sup>33</sup>		Unknown	PV	Solar	Sober	NA	N/A		1° Q 2023	Unknown		-	347	P
	Solar Degradation <sup>in</sup>	N/A	NA	NA	NA	NA	NΑ	NA	-	NA	N/A	N/A		(5)	ОТ
										2023	Changes/Add	fitions Total:	1,176	342	
2024	• Sotar PV <sup>(3)</sup>		Unknown	PV	Salar	Solar	AVA	N/A		1 <sup>4</sup> Q 2024	Unknown		_	269	Р
	Solar Degradation <sup>(2)</sup>	N/A	N/A		N/A		NA	NA	-	N/A	N/A	N/A	-	(6)	от
	•	*								2024	Changes/Add	fillons Total:	0	283	,
2025															
	Solar PV <sup>O)</sup>		Unknown			Solar		NA		1 <sup>4</sup> Q 2025	Unknown		-	405	P
	Solar Degradation <sup>(7)</sup>	N/A	N/A	NA	NA	NΑ	NA	NA	-	N/A	N/A	N/A	<u> </u>		ОТ
L										2025	Changes/Add	fitions Total:	. 0	388	
2026	11. 2. 10									Jun-26	Unknown			1,888	Р
	Unsited Combined Cycle		Unknown	CC	NG	F02	PL	WA		N/A	N/A	N/A	•	•	от
	Solar Degradation <sup>(2)</sup>	NA	N/A	NA	NVA	N/A	NA	NΑ	-				-	(8) 1,878	. 01
										4040	- wilden war	litions Total:	<del>`</del>	1,010	
2027	· · · · · · · · · · · · · · · · · · ·														
AUAI	Unsited Combined Cycle		Unknown	CC	NG	FO2	PL	WA		Jun-26	Unknown		1.880		
l	Solar PV <sup>(2)</sup>		Unknown	PV		Sober		N/A		1 <sup>4</sup> Q 2027			-	347	P
	Solar Dogradation <sup>(r)</sup>	N/A	N/A	NA	N/A	N/A	NA	NA	-	NA	N/A	N/A	-	(8)	OT
	<u> </u>									2027	Changes/Add	ditions Total:	1,880	339	
2028			<u> </u>												
1	Solar PV <sup>(3)</sup>		Unknown	PV		Sotar		NA		14 0 2028	Unknown		•	321	P
	Solar Degradation <sup>(c)</sup>	N/A	NA	NA	N/A	N/A	NA	NA	-	N/A	N/A	N/A	<u>.</u>	(9)	OT
										2028	Unanges/Add	ditions Total:	0	312	

<sup>(1)</sup> Schedule 8 shows only planned and prospective changes to generating facilities and does not reflect changes to explating purchases. Those changes are reflected on Tables E8-1, L8.1 and L8.2.

(2) The Winter Total MW value consists of all generation additions and changes achieved by January. The Summer Total MW value consists of all generation additions and changes achieved by January. All MW additions/changes occurring after August each year will be excounted for in reservo margin calculations in the following year. MW Difference in Changes/Additions Total due to rounding.

<sup>(3)</sup> Solar values reflect firm capacity only values, not remopiate retings and FPL currently assumes 0.3% degradation annually for PV output.

(4) Solar PV MM values, and timing of those MM, presented in this table are subject to charge based on the outcome of FPL's petition for FPSC approval of FPL's SolarTogather Program.

Please see Chapter © for more information.

# Schedule 9 Status Report and Specifications of Proposed Generating Facilities

(1)	Plant Name a	ind Unit Number:	Unsited 3x1	Combined Cycle

(2) Capacity

a. Summer

1,886 MW

b. Winter

1,880 MW

(3) Technology Type:

Combined Cycle

(4) Anticipated Construction Timing

a. Field construction start-date:

2024

b. Commercial In-service date:

2026

(5) Fuel

a. Primary Fuel

Natural Gas

b. Alternate Fuel

Ultra-low sulfur distillate

(6) Air Pollution and Control Strategy:

Dry Low NO<sub>x</sub> Burners, SCR, Natural Gas, 0.0015% S. Distillate and Water Injection

(7) Cooling Method:

Mechanical Draft Cooling Towers

(8) Total Site Area:

TBD Acres

(9) Construction Status:

P (Planned Unit)

(10) Certification Status:

---

(11) Status with Federal Agencies:

01 82

(12) Projected Unit Performance Data:

Planned Outage Factor (POF): Forced Outage Factor (FOF): Equivalent Availability Factor (EAF): 3.5% 1.0% 95.5%

Resulting Capacity Factor (%):

Approx. 80% (First Full Year Base Operation)

Average Net Operating Heat Rate (ANOHR):

6,134

Base Operation 75F,100%

Average Net Incremental Heat Rate (ANIHR

8,045

Wet Compression 75F,100%

(13) Projected Unit Financial Data \*,\*\*

Book Life (Years):

40 years

Total Installed Cost (2026 \$/kW): Direct Construction Cost (2026 \$/kW): 674

AFUDC Amount (2026 \$/kW):

606 68

Escalation (\$/kW):

Accounted for in Direct Construction Cost

Fixed O&M (2026 \$/kW-Yr.):

23.04

Variable O&M (2026 \$/MWH):

0.17

K Factor:

1.53

Note: Total installed cost includes transmission interconnection and integration, escalation, and AFUDC.

<sup>\* \$/</sup>kW values are based on Summer capacity.

<sup>\*\*</sup> Levelized value for Fixed O&M also includes Capital Replacement

#### Schedule 9

### Status Report and Specifications of Proposed Generating Facilities

(1) Plant Name and Unit Number: Unsited 3x1 Combined Cycle

(2) Capacity

a. Summer 1,886 MW b. Winter 1,880 MW

(3) Technology Type: Combined Cycle

(4) Anticipated Construction Timing

a. Field construction start-date: 2024 b. Commercial In-service date: 2026

(5) Fuel

a. Primary Fuel Natural Gas

b. Alternate Fuel Ultra-low sulfur disfillate

(6) Air Pollution and Control Strategy: Dry Low NO<sub>x</sub> Burners, SCR, Natural Gas,

0.0015% S. Distillate and Water Injection

(7) Cooling Method: Mechanical Draft Cooling Towers

(8) Total Site Area: TBD Acres

(9) Construction Status: P (Planned Unit)

(10) Certification Status: ---

(11) Status with Federal Agencies: -

(12) Projected Unit Performance Data:

Planned Outage Factor (POF): 3.5%
Forced Outage Factor (FOF): 1.0%
Equivalent Availability Factor (EAF): 95.5%

Resulting Capacity Factor (%): Approx. 80% (First Full Year Base Operation)

6,134

Average Net Operating Heat Rate (ANOHR)

Base Operation 75F,100%

Average Net Incremental Heat Rate (ANIHR 8,045

Wet Compression 75F,100%

(13) Projected Unit Financial Data \*,\*\*

Book Life (Years): 40 years
Total Installed Cost (2026 \$/kW): 674
Direct Construction Cost (2026 \$/kW): 606
AFUDC Amount (2026 \$/kW): 68

Escalation (\$/kW): Accounted for in Direct Construction Cost

Fixed O&M (2026 \$/kW-Yr.): 23.04 Variable O&M (2026 \$/MWH): 0.17 K Factor: 1.53

\* \$/kW values are based on Summer capacity.

Note: Total installed cost includes transmission interconnection and integration, escalation, and AFUDC.

<sup>\*\*</sup> Levelized value for Fixed O&M also includes Capital Replacement

Schedule 11.1

Existing Firm and Non-Firm Capacity and Energy by Primary Fuel Type
Actuals for the Year 2018

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
			NEL	Fuel Mix			
	Generation by Primary Fuel	Summer (MW)	Summer (%)	Winter (MW)	Winter (%)	GWh (2)	%
(1)	Coal	634	2.6%	635	2.4%	2,586	2.1%
(2)	Nuclear	3,479	14.0%	3,570	13.6%	28,176	23.0%
(3)	Residual	0	0.0%	0	0.0%	248	0.2%
(4)	Distillate	108	0.4%	123	0.5%	129	0.1%
(5)	Natural Gas	19,297	77.8%	20,680	78.6%	91,213	74.5%
(6)	Solar (Firm & Non-Firm)	855	3.4%	855	3.2%	1,887	1.5%
(7)	FPL Existing Units Total (1):	24,373	98.2%	25,862	98.3%	124,240	101.5%
(8)	Renewables (Purchases)- Firm	114.0	0.5%	114.0	0.5%	892	0.7%
(9)	Renewables (Purchases)- Non-Firm	Not Applicable		Not Applicable		195	0.2%
(10)	Renewable Total:	114.0	0.5%	114.0	0.5%	1,087	0.89%
(11)	Purchases Other / (Sales) :	330.0	1.3%	330.0	1.3%	(2,880)	-2.4%
(12)	Total:	24,816.7	100.0%	26,306.1	100.0%	122,447	100.0%

### Note:

<sup>(1)</sup> FPL Existing Units Total values on row (7), columns (2) and (4), match the Total System Generating Capacity values found on Schedule 1 for Summer and Winter.

<sup>(2)</sup> Net Energy for Load GWh values on row (12), column (6), matches Schedule 6.1 value for 2018.

Schedule 11.1

Existing Firm and Non-Firm Capacity and Energy by Primary Fuel Type
Actuals for the Year 2018

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
			Net (MW) C	apability		NEL	Fuel Mix
	Generation by Primary Fuel	Summer (MW)	Summer (%)	Winter (MW)	Winter (%)	GWh <sup>(2)</sup>	%
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(12)		24,816.7	100.0%	26,306.1	100.0%	122,447	100.0%

### Note:

- (1) FPL Existing Units Total values on row (7), columns (2) and (4), match the Total System Generating Capacity values found on Schedule 1 for Summer and Winter.
- (2) Net Energy for Load GWh values on row (12), column (6), matches Schedule 6.1 value for 2018.

#### IV.F Preferred and Potential Sites

Based upon its projection of future resource needs, FPL has currently identified 27 Preferred Sites and 4 Potential Sites for adding future generation. Some of these sites currently have existing generation. Preferred Sites are those locations where FPL has conducted significant reviews and has either taken action, is committed to take action, or is likely to take action to site new generation. Potential Sites are those with attributes that would support the siting of generation and are under consideration as a location for future generation. The identification of a Potential Site does not necessarily indicate that FPL has made a definitive decision to pursue new generation (or generation expansion or modernization in the case of an existing generation site) at that location, nor does this designation necessarily indicate the that size or technology of a generating resource has been determined. The Preferred Sites and Potential Sites are discussed in separate sections below.

#### IV.F.1 Preferred Sites

For the 2019 Ten Year Site Plan, FPL has identified 27 Preferred Sites. These include a combination of existing and new sites for the development of solar generation facilities, natural gas combined cycle units, and/or nuclear generation. Sites for a number of solar additions in 2020 have been selected, and these sites are described in this section. Potential sites for possible 2021-on solar additions, plus other types of generation for which sites have been selected, are discussed in the Potential Site section later in this chapter.

These 27 Preferred Sites are presented on the following pages in general chronological order of when resources are projected to be added to the FPL system. In regard to the solar sites discussed below, the <u>first fourseventh through tenth</u> sites are associated with the Solar Base Rate Adjustment (SoBRA) recovery mechanism approved in FPL's last base rate case. The remaining solar sites are associated with the new SolarTogether program. FPL filed for FPSC approval for the SolarTogether program shortly before this 2019 Site Plan was filed.

In the discussion of each site, the geological features of each site and adjacent area maps are provided as the first two Figures at the end of this chapter. These two Figures are titled Relationship of Regional Hydrogeologic Units to Major Stratigraphic Units, and Florida Regions, respectively.

### IV.F Preferred and Potential Sites

Based upon its projection of future resource needs, FPL has currently identified 27 Preferred Sites and 4 Potential Sites for adding future generation. Some of these sites currently have existing generation. Preferred Sites are those locations where FPL has conducted significant reviews and has either taken action, is committed to take action, or is likely to take action to site new generation. Potential Sites are those with attributes that would support the siting of generation and are under consideration as a location for future generation. The identification of a Potential Site does not necessarily indicate that FPL has made a definitive decision to pursue new generation (or generation expansion or modernization in the case of an existing generation site) at that location, nor does this designation necessarily indicate the that size or technology of a generating resource has been determined. The Preferred Sites and Potential Sites are discussed in separate sections below.

### **IV.F.1 Preferred Sites**

For the 2019 Ten Year Site Plan, FPL has identified 27 Preferred Sites. These include a combination of existing and new sites for the development of solar generation facilities, natural gas combined cycle units, and/or nuclear generation. Sites for a number of solar additions in 2020 have been selected, and these sites are described in this section. Potential sites for possible 2021-on solar additions, plus other types of generation for which sites have been selected, are discussed in the Potential Site section later in this chapter.

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