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May 2, 2023

-VIA ELECTRONIC FILING-

Mr. Adam Teitzman
Division of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

RE: Docket No. 20230046-EQ
FPL's Response to Staff's First Data Request (Nos. 1-2)

Dear Mr. Teitzman:

Attached is Florida Power & Light Company's response to Staff's First Data Request (Nos. 1-2) in Docket No. 20230046-EQ.

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

Sincerely,

/s/ *Joel T. Baker*
Joel T. Baker
Fla. Bar No. 0108202

JTB
Enclosure

Cc: Orlando Wooten, PSC Staff, Division of Engineering
Phillip Ellis, PSC Staff, Division of Engineering
Laura King, PSC Staff, Division of Engineering
Jacob Imig, PSC Staff, Office of the General Counsel

QUESTION:
Please provide data similar to FPL's Ten Year Site Plan Schedules 7.1, 7.2, 8 and 9 for the year 2033 based on FPL's resource planning.

RESPONSE:
Please see Attachment No. 1 to this request.

Florida Power & Light Company
Docket No.: 20230046-EQ
Staff's First Data Request
Request No: 1
Attachment No. 1
Tab 1 of 4
Page 1 of 1

Schedule 7.1
Forecast of Capacity, Demand, and Scheduled Maintenance At Time Of Summer Peak

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
August of Year	Firm Installed Capacity MW	Firm Capacity Import MW	Firm Capacity Export MW	Firm QF MW	Total Firm Capacity Available MW	Total Peak Demand MW	DSM MW	Firm Summer Peak Demand MW	Total Reserve Margin Before Maintenance MW	Total Reserve Margin Before Maintenance % of Peak	Scheduled Maintenance MW	Total Reserve Margin After Maintenance MW	Total Reserve Margin After Maintenance % of Peak	Generation Only Reserve Margin After Maintenance MW	Generation Only Reserve Margin After Maintenance % of Peak
2023	31,394	240	0	4	31,638	27,740	1,795	25,945	5,692	21.9	0	5,692	21.9	3,898	14.1
2024	31,752	240	0	4	31,995	27,991	1,822	26,169	5,826	22.3	0	5,826	22.3	4,004	14.3
2025	32,196	239	0	4	32,439	28,250	1,847	26,403	6,035	22.9	0	6,035	22.9	4,189	14.8
2026	32,717	239	0	4	32,960	28,596	1,871	26,726	6,235	23.3	0	6,235	23.3	4,364	15.3
2027	32,866	239	0	0	33,105	28,831	1,898	26,933	6,172	22.9	0	6,172	22.9	4,274	14.8
2028	32,994	239	0	0	33,233	29,169	1,929	27,240	5,993	22.0	0	5,993	22.0	4,064	13.9
2029	33,025	239	0	0	33,264	29,681	1,962	27,720	5,544	20.0	0	5,544	20.0	3,582	12.1
2030	33,613	238	0	0	33,851	30,205	1,996	28,209	5,642	20.0	0	5,642	20.0	3,646	12.1
2031	34,102	238	0	0	34,340	30,646	2,030	28,617	5,723	20.0	0	5,723	20.0	3,694	12.1
2032	34,703	198	0	0	34,901	31,147	2,064	29,084	5,817	20.0	0	5,817	20.0	3,753	12.0
2033	37,098	198	0	0	37,295	31,701	2,064	29,637	7,658	25.8	0	7,658	25.8	5,594	17.6

Col. (2) represents capacity additions and changes projected to be in-service by June 1st. These MW are generally considered to be available to meet summer peak loads which are forecasted to occur during August of the year indicated.
Col. (6) = Col.(2) + Col.(3) - Col(4) + Col(5).
Col.(7) reflects the 2022 load forecast without incremental DSM or cumulative load management. 2022 load is an actual load value.
Col.(8) represents cumulative load management capability, plus incremental conservation and load management, from 9/2022-on intended for use with the 2022 load forecast.
Col.(10) = Col.(6) - Col.(9)
Col.(11) = Col.(10) / Col.(9)
Col.(12) indicates the capacity of units projected to be out-of-service for planned maintenance during the summer peak period.
Col.(13) = Col.(10) - Col.(12)
Col.(14) = Col.(13) / Col.(9)
Col.(15) = Col.(6) - Col.(7) - Col.(12)
Col.(16) = Col.(15) / Col.(7)

Florida Power & Light Company
Docket No.: 20230046-EQ
Staff's First Data Request
Request No: 1
Attachment No. 1
Tab 2 of 4

Schedule 7.2
Forecast of Capacity, Demand, and Scheduled Maintenance At Time Of Winter Peak

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
January of Year	Firm Installed Capacity MW	Firm Capacity Import MW	Firm Capacity Export MW	Firm QF MW	Total Firm Capacity Available MW	Total Peak Demand MW	DSM MW	Firm Winter Peak Demand MW	Total Reserve Margin Before Maintenance MW	Total Reserve Margin Before Maintenance % of Peak	Scheduled Maintenance MW	Total Reserve Margin After Maintenance and Deration MW	Total Reserve Margin After Maintenance and Deration % of Peak	Generation Only Reserve Margin After Maintenance MW	Generation Only Reserve Margin After Maintenance % of Peak
2023	30,100	1,104	0	4	31,207	22,638	1,355	21,283	9,924	46.6	0	9,924	46.6	8,569	37.9
2024	29,852	219	0	4	30,075	22,942	1,378	21,564	8,511	39.5	0	8,511	39.5	7,133	31.1
2025	29,911	219	0	4	30,133	23,172	1,400	21,772	8,361	38.4	0	8,361	38.4	6,961	30.0
2026	29,999	219	0	4	30,222	23,509	1,428	22,081	8,141	36.9	0	8,141	36.9	6,713	28.6
2027	29,929	219	0	0	30,148	23,756	1,458	22,298	7,850	35.2	0	7,850	35.2	6,392	26.9
2028	29,888	219	0	0	30,107	24,098	1,493	22,605	7,502	33.2	0	7,502	33.2	6,009	24.9
2029	29,806	219	0	0	30,025	24,485	1,530	22,955	7,070	30.8	0	7,070	30.8	5,540	22.6
2030	30,369	219	0	0	30,588	24,860	1,569	23,291	7,297	31.3	0	7,297	31.3	5,728	23.0
2031	30,872	219	0	0	31,091	25,274	1,609	23,665	7,426	31.4	0	7,426	31.4	5,817	23.0
2032	31,674	219	0	0	31,893	25,735	1,648	24,087	7,806	32.4	0	7,806	32.4	6,158	23.9
2033	34,113	179	0	0	34,292	26,210	1,648	24,562	9,730	39.6	0	9,730	39.6	8,082	30.8

Col. (2) represents capacity additions and changes projected to be in-service by Jan 1st. These MW are generally considered to be available to meet winter peak loads which are forecasted to occur during January of the year indicated.
Col. (6) = Col.(2) + Col.(3) - Col(4) + Col(5).
Col.(7) reflects the 2022 load forecast without incremental DSM or cumulative load management. 2022 load is an actual load value.
Col.(8) represents cumulative load management capability, plus incremental conservation and load management, from 9/2022-on intended for use with the 2022 load forecast.
Col.(10) = Col.(6) - Col.(9)
Col.(11) = Col.(10) / Col.(9)
Col.(12) indicates the capacity of units projected to be out-of-service for planned maintenance during the summer peak period.
Col.(13) = Col.(10) - Col.(12)
Col.(14) = Col.(13) / Col.(9)
Col.(15) = Col.(6) - Col.(7) - Col.(12)
Col.(16) = Col.(15) / Col.(7)

Schedule 8 - Resource Plan
Planned And Prospective Generating Facility Additions And Changes [1] : FPL

(2)	(3)	(4)	(5)	(5)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
			Fuel		Transport						Firm Net Capability [2]		
Plant Name	Unit No.	Location	Unit Type	Pri.	Alt.	Pri.	Alt.	Const. Start Mo./Yr.	Comm. In-Service Mo./Yr.	Expected Retirement Mo./Yr.	Gen. Max. Nameplate KW	Winter MW	Summer MW	Status
ADDITIONS/ CHANGES														
FPL														
2023														
Everglades Solar 3/	1	Miami Dade County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	3	24	P
Pink Trail Solar 3/	1	St. Lucie County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	3	22	P
Bluefield Preserve Solar 3/	1	St. Lucie County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	2	22	P
Cavendish Solar 3/	1	Okeechobee County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	4	33	P
Anhinga Solar 3/	1	Clay County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	2	28	P
Blackwater River Solar 3/	1	Santa Rosa County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	0	28	P
Chipola Solar 3/	1	Calhoun County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	0	34	P
Flowers Creek Solar 3/	1	Calhoun County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	0	32	P
First City Solar 3/	1	Escambia County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	0	29	P
Apalachee Solar 3/	1	Jackson County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	0	37	P
Wild Azalea Solar 3/	1	Gadsden County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	0	40	P
Chautauqua Solar 3/	1	Walton County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	0	40	P
Shirer Branch Solar 3/	1	Calhoun County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	0	38	P
Saw Palmetto Solar 3/	1	Bay County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	0	38	P
Cypress Pond Solar 3/	1	Washington County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	0	38	P
Etonia Creek Solar 3/	1	Putnam County	PV	Solar	Solar	N/A	N/A	-	1st Q 2023	Unknown	74,500	1	34	P
Okeechobee Energy Center Upgrade	1	Okeechobee County	CC	NG	FO2	PL	TK		2nd Q 2023	Unknown	1,886,150	-	15	OP
Martin Upgrade	8	Martin County	CC	NG	FO2	PL	TK	-	2nd Q 2023	Unknown	1,305,928	-	21	OP
Sanford Upgrade	5	Volusia County	CC	NG	No	PL	No	-	2nd Q 2023	Unknown	1,274,824	-	11	OP
Sanford Upgrade	4	Volusia County	CC	NG	No	PL	No	-	2nd Q 2023	Unknown	1,274,824	-	31	OP
Turkey Point Upgrade	5	Miami Dade County	CC	NG	FO2	PL	TK	-	2nd Q 2023	Unknown	1,319,565	-	29	OP
Fort Myers Upgrade	2	Lee County	CC	NG	No	PL	No	-	2nd Q 2023	Unknown	1,836,798	-	5	OP
Solar Degradation 3/	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	N/A	N/A	N/A	-	-	OT
										2023 Changes/Additions Total:		**16**	**631**	
2024														
Okeechobee Energy Center Upgrade	1	Okeechobee County	CC	NG	FO2	PL	TK		2nd Q 2023	Unknown	1,886,150	14	-	OP
Martin Upgrade	8	Martin County	CC	NG	FO2	PL	TK	-	2nd Q 2023	Unknown	1,305,928	5	-	OP
Sanford Upgrade	4	Volusia County	CC	NG	No	PL	No	-	2nd Q 2023	Unknown	1,274,824	8	-	OP
Turkey Point Upgrade	5	Miami Dade County	CC	NG	FO2	PL	TK	-	3rd Q 2023	Unknown	1,319,565	11	10	OP
Sanford Upgrade	5	Volusia County	CC	NG	No	PL	No	-	4th Q 2023	Unknown	1,274,824	48	21	OP
Fort Myers Upgrade	2	Lee County	CC	NG	No	PL	No	-	4th Q 2023	Unknown	1,836,798	94	17	OP
West County Upgrade	1	Palm Beach County	CC	NG	FO2	PL	TK		4th Q 2023	Unknown	1,366,800	9	-	OP
West County Upgrade	2	Palm Beach County	CC	NG	FO2	PL	TK		4th Q 2023	Unknown	1,366,800	9	-	OP
West County Upgrade	3	Palm Beach County	CC	NG	FO2	PL	TK		4th Q 2023	Unknown	1,366,800	9	-	OP
Riviera Beach Upgrade	1	City of Riviera Beach	CC	NG	FO2	PL	TK		4th Q 2023	Unknown	1,331,100	25	-	OP
Manatee Upgrade	3	Manatee Country	CC	NG	No	PL	No		4th Q 2023	Unknown	1,319,565	7	35	OP
Terrill Creek Solar 3/	1	Clay County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	1.4	35.8	P
Silver Palm Solar 3/	1	Palm Beach County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	3.5	32.3	P
Ibis Solar 3/	1	Brevard County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	3.0	35.6	P
Orchard Solar 3/	1	St Lucie/Indian River County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	4.3	37.1	P
Beautyberry Solar 3/	1	Hendry County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	3.3	31.3	P
Turnpike Solar 3/	1	Indian River County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	3.2	35.2	P
Monarch Solar 3/	1	Martin County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	2.9	29.3	P
Caloosahatchee Solar 3/	1	Hendry County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	3.1	30.3	P
White Tail Solar 3/	1	Martin County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	3.7	38.1	P
Prairie Creek Solar 3/	1	DeSoto County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	2.3	32.5	P
Pineapple Solar 3/	1	St. Lucie County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	3.2	33.7	P
Canoe Solar 3/	1	Okaloosa County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	0.1	37.4	P
Sparkleberry Solar 3/	1	Escambia County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	0.2	38.3	P
Sambucus Solar 3/	1	Manatee County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	1.9	31.9	P
Three Creeks Solar 3/	1	Manatee County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	2.1	33.5	P
Fourmile Creek Solar 3/	1	Calhoun County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	0.2	39.5	P
Big Juniper Creek Solar 3/	1	Santa Rosa County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	0.0	36.5	P
Pecan Tree Solar 3/	1	Walton County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	0.1	40.9	P
Wild Quail Solar 3/	1	Walton County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	0.1	43.2	P
Hawthorne Creek Solar 3/	1	DeSoto County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	2.1	32.1	P
Nature Trail Solar 3/	1	Baker County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	1.3	38.7	P
Woodyard Solar 3/	1	Hendry County	PV	Solar	Solar	N/A	N/A	-	1st Q 2024	Unknown	74,500	3.2	30.4	P
Daniel Retirement	1	Jackson County, MS	FS	C	No	RR	No	-	Sep-77	1st Q 2024	274,125	(251)	(251)	P
Daniel Retirement	2	Jackson County, MS	FS	C	No	RR	No	-	Jun-81	1st Q 2024	274,125	(251)	(251)	P
Sanford Upgrade	5	Volusia County	CC	NG	No	PL	No	-	2nd Q 2024	Unknown	1,274,824	-	11	OP
Solar Degradation 3/	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	N/A	N/A	N/A	-	(7)	OT
										2024 Changes/Additions Total:		**(218)**	**358**	

1/ 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, I.A.3.1, and I.A.3.2

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 June. All MW additions/changes occurring after June each year will be acounted for in reserve margin calculations in the following year. MW Difference in Changes/Additions Total due to rounding.

3/ Solar MW values reflect firm capacity only, not nameplate ratings and FPL currently assumes 0.3% degradation annually for PV output.

4/ Battery MW values reflect firm capacity only, not nameplate ratings.

Schedule 8 - Resource Plan
Planned And Prospective Generating Facility Additions And Changes [1] : FPL

Plant Name	(2) Unit No.	(3) Location	(4) Unit Type	(5) Fuel Pri.	(5) Fuel Alt.	(7) Transport Pri.	(8) Transport Alt.	(9) Const. Start Mo./Yr.	(10) Comm. In-Service Mo./Yr.	(11) Expected Retirement Mo./Yr.	(12) Gen. Max. Nameplate KW	(13) Firm Net Capability [2] Winter MW	(14) Firm Net Capability [2] Summer MW	(15) Status
ADDITIONS/ CHANGES														
FPL														
2025														
Sanford Upgrade	5	Volusia County	CC	NG	No	PL	No	-	3rd Q 2024	Unknown	1,274,824	47	10	OP
Martin Upgrade	4	Martin County	CC	NG	No	PL	No		4th Q 2024	Unknown	612,000	18	-	OP
Fort Myers Upgrade	2	Lee Country	CC	NG	No	Pl	No		4th Q 2024	Unknown	1,836,798	23	6	OP
Gulf Clean Energy Center Retirement	4	Escambia County	ST	NG	--	PL	--	--	Jul-59	4th Q 2024	93,750	(75)	(75)	P
Honeybell Solar [3]	1	Okeechobee County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Buttonwood Solar [3]	1	St Lucie County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Mitchell Creek Solar [3]	1	Escambia County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Hendry Isles Solar [3]	1	Hendry County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	22	P
Norton Creek Solar [3]	1	Madison County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	22	P
Kayak Solar [3]	1	Okaloosa County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	22	P
Georges Lake Solar [3]	1	Putnam County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	22	P
Cedar Trail Solar [3]	1	Baker County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	22	P
Holopaw Solar [3]	1	Palm Beach County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Speckled Perch Solar [3]	1	Okeechobee County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Big Water Solar [3]	1	Okeechobee County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Fawn Solar [3]	1	Martin County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Hog Bay Solar [3]	1	DeSoto County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Green Pasture Solar [3]	1	Charlotte County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Thomas Creek Solar [3]	1	Nassau County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Fox Trail Solar [3]	1	Brevard County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Long Creek Solar [3]	1	Manatee County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Swallowtail Solar [3]	1	Walton County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Tenmile Creek Solar [3]	1	Calhoun County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Redlands Solar [3]	1	Miami-Dade County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	4	33	P
Okeechobee Energy Center Upgrade	1	Okeechobee County	CC	NG	FO2	PL	TK	Jun-17	2nd Q 2025	Unknown	1,886,150	-	29	OP
Pea Ridge Retirement	1	Santa Rosa	GT	NG	PL	NA	NA	-	May-98	2nd Q 2025	4,750	-	(4)	P
Pea Ridge Retirement	2	Santa Rosa	GT	NG	PL	NA	NA	-	May-98	2nd Q 2025	4,750	-	(4)	P
Pea Ridge Retirement	3	Santa Rosa	GT	NG	PL	NA	NA	-	May-98	2nd Q 2025	4,750	-	(4)	P
Solar Degradation [3]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	N/A	N/A	N/A	-	(9)	OT
											2025 Changes/Additions Total:	**88**	**561**	
2026														
Pea Ridge Retirement	1	Santa Rosa	GT	NG	PL	NA	NA	-	May-98	2nd Q 2025	4,750	(5)	-	P
Pea Ridge Retirement	2	Santa Rosa	GT	NG	PL	NA	NA	-	May-98	2nd Q 2025	4,750	(5)	-	P
Pea Ridge Retirement	3	Santa Rosa	GT	NG	PL	NA	NA	-	May-98	2nd Q 2025	4,750	(5)	-	P
Okeechobee Energy Center Upgrade	1	Okeechobee County	CC	NG	FO2	PL	TK	Jun-17	2nd Q 2025	Unknown	1,886,150	28	-	OP
Solar PV [3]	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2026	Unknown	2,235,000	112	533	P
Solar Degradation [3]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	N/A	N/A	N/A	-	(11)	OT
											2026 Changes/Additions Total:	**140**	**522**	
2027														
Martin Upgrade	8	Martin County	CC	NG	FO2	PL	TK	-	4th Q 2026	Unknown	1,305,928	5	20	OP
Gulf Clean Energy Center Retirement	5	Escambia County	ST	NG	--	PL	--	--	Jun-61	4th Q 2026	93,750	(75)	(75)	P
Solar PV [3]	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2027	Unknown	2,235,000	0	141	P
Solar Degradation [3]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	N/A	N/A	N/A	-	(13)	OT
											2027 Changes/Additions Total:	**(70)**	**73**	
2028														
Lansing Smith Retirement	3A	Broward County	CT	LO	--	TK	--	-	May-71	4th Q 2027	41,850	(40)	(32)	P
Solar PV [3]	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2028	Unknown	2,235,000	0	141	P
Solar Degradation [3]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	N/A	N/A	N/A	-	(13)	OT
											2028 Changes/Additions Total:	**(40)**	**96**	
2029														
Battery Storage [4]	1	Unknown	BS	N/A	N/A	N/A	N/A	-	1st Q 2029	Unknown	100,000	100	89	P
Solar PV [3]	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2029	Unknown	2,235,000	0	141	P
Scherer Retirement	3	Monroe County, GA	FS	C	-	RR	-	-	Jan-87	1st Q 2029	222,750	(215)	(215)	P
Solar Degradation [3]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	N/A	N/A	N/A	-	(14)	OT
											2029 Changes/Additions Total:	**(115)**	**1**	

1/ 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, I.A.3.1, and I.A.3.2

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 June. All MW additions/changes occurring after June each year will be acounted for in reserve margin calculations in the following year. MW Difference in Changes/Additions Total due to rounding.

3/ Solar MW values reflect firm capacity only, not nameplate ratings and FPL currently assumes 0.3% degradation annually for PV output.

4/ Battery MW values reflect firm capacity only, not nameplate ratings.

Schedule 8 - Resource Plan
Planned And Prospective Generating Facility Additions And Changes [1] : FPL

Plant Name	(2) Unit No.	(3) Location	(4) Unit Type	(5) Fuel Pri.	(5) Fuel Alt.	(7) Fuel Transport Pri.	(8) Fuel Transport Alt.	(9) Const. Start Mo./Yr.	(10) Comm. In-Service Mo./Yr.	(11) Expected Retirement Mo./Yr.	(12) Gen. Max. Nameplate KW	(13) Firm Net Capability [2] Winter MW	(14) Firm Net Capability [2] Summer MW	(15) Status
ADDITIONS/ CHANGES														
FPL														
2030														
Perdido Retirement	1	Escambia County	IC	LFG	-	PL	-	-	Oct-10	4th Q 2029	1,600	(2)	(2)	P
Perdido Retirement	2	Escambia County	IC	LFG	-	PL	-	-	Oct-10	4th Q 2029	1,600	(2)	(2)	P
Battery Storage [4/]	1	Unknown	BS	N/A	N/A	N/A	N/A	-	1st Q 2030	Unknown	600,000	600	464	P
Solar PV [3/]	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2030	Unknown	2,235,000	0	141	P
Solar Degradation [3/]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	N/A	N/A	N/A	-	(14)	OT
										2030 Changes/Additions Total:		**597**	**588**	
2031														
Battery Storage [4/]	1	Unknown	BS	N/A	N/A	N/A	N/A	-	1st Q 2031	Unknown	500,000	500	362	P
Solar PV [3/]	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2031	Unknown	2,235,000	0	141	P
Solar Degradation [3/]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	N/A	N/A	N/A	-	(15)	OT
										2031 Changes/Additions Total:		**500**	**489**	
2032														
Battery Storage [4/]	1	Unknown	BS	N/A	N/A	N/A	N/A	-	1st Q 2032	Unknown	800,000	800	475	P
Solar PV [3/]	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2032	Unknown	2,235,000	0	141	P
Solar Degradation [3/]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	N/A	N/A	N/A	-	(15)	OT
										2032 Changes/Additions Total:		**800**	**601**	
2033														
Battery Storage [4/]	1	Unknown	BS	N/A	N/A	N/A	N/A	-	1st Q 2033	Unknown	800,000	400	278	P
3x1 Combined Cycle	1	Unknown	CC	NG	No	PL	No	-	1st Q 2033	Unknown	2,007,000	1,988	1,991	P
										2033 Changes/Additions Total:		**2,388**	**2,269**	

1/ 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, I.A.3.1, and I.A.3.2

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 June. All MW additions/changes occurring after June each year will be accounted for in reserve margin calculations in the following year. MW Difference in Changes/Additions Total due to rounding.

3/ Solar MW values reflect firm capacity only, not nameplate ratings and FPL currently assumes 0.3% degradation annually for PV output.

4/ Battery MW values reflect firm capacity only, not nameplate ratings.

Schedule 9

Status Report and Specifications of Proposed Generating Facilities

(1) **Plant Name and Unit Number:** Unsited Battery Storage

(2) **Capacity**

a. Nameplate (AC)	400	MW
b. Summer Firm (AC)	278	MW
c. Winter Firm (AC)	400	MW

(3) **Technology Type:** Battery

(4) **Anticipated Construction Timing**

a. Field construction start-date:	2032
b. Commercial In-service date:	2033

(5) **Fuel**

a. Primary Fuel	Not applicable
b. Alternate Fuel	Not applicable

(6) **Air Pollution and Control Strategy:** Not applicable

(7) **Cooling Method:** Not applicable

(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):	Not applicable	
Forced Outage Factor (FOF):	Not applicable	
Equivalent Availability Factor (EAF):	Not applicable	
Resulting Capacity Factor (%):	TBD	(First Full Year Operation)
Average Net Operating Heat Rate (ANOHR): Base Operation 75F,100%	Not applicable	
Average Net Incremental Heat Rate (ANIHR): Peak Operation 75F,100%	Not applicable	

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

Book Life (Years):		20	years
Total Installed Cost (2033 $/kW):		TBD	
Direct Construction Cost ($/kW):		TBD	
AFUDC Amount (2033 $/kW):		TBD	
Escalation ($/kW):		TBD	
Fixed O&M ($/kW-Yr.):	(2033 $)	TBD	(First Full Year Operation)
Variable O&M ($/MWH):	(2033 $)	TBD	
K Factor:		TBD	

* $/kW values are based on nameplate capacity.

Note: Total installed cost includes transmission interconnection and AFUDC.

1/ The value shown represents FPL's current projection of the firm capacity of this battery storage after the net load of the system and other battery storage being discharged. Because battery storage "flattens" the peak period, the firm capacity value of storage decreases as more battery storage is added to the system.
FPL will continue to analyze the projected impacts of increasing amounts of battery storage in its on-going resource planning work.

Schedule 9

Status Report and Specifications of Proposed Generating Facilities

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

(2) **Capacity**

a. Nameplate (AC)	2,007	MW
b. Summer Firm (AC)	1,991	MW
c. Winter Firm (AC)	1,988	MW

(3) **Technology Type:** Combined Cycle

(4) **Anticipated Construction Timing**

a. Field construction start-date:	2028
b. Commercial In-service date:	2033

(5) **Fuel**

a. Primary Fuel	Natural Gas
b. Alternate Fuel	Ultra-low sulfur distilllate

(6) **Air Pollution and Control Strategy:** Dry Low Nox 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):	94.0%	
Resulting Capacity Factor (%):	65%	(First Full Year Operation)
Average Net Operating Heat Rate (ANOHR): Base Operation 75F,100%	5,947	
Average Net Incremental Heat Rate (ANIHR): Peak Operation 75F,100%	8,016	

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

Book Life (Years):		50	years
Total Installed Cost (2033 $/kW):		941.69	
Direct Construction Cost ($/kW):		831.94	
AFUDC Amount (2033 $/kW):		109.75	
Escalation ($/kW):		Accounted for in Direct Construction Cost	
Fixed O&M ($/kW-Yr.):	(2033 $)	15.40	(First Full Year Operation)
Variable O&M ($/MWH):	(2033 $)	0.11	
K Factor:		1.44	

* $/kW values are based on nameplate capacity.
** Levelized value includes Fixed O&M and Capital Replacement
Note: Total installed cost includes transmission interconnection and AFUDC.

QUESTION:
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 for each of the five scenarios listed below. For the calculations, assume a renewable generator with a 50 MW output providing firm capacity with an in-service date of January 1, 2024, operating at the minimum capacity factor required for full capacity payments and a contract duration of 20 years. As part of your response, state the capacity factor assumed for the calculations. Please calculate the total Net Present Value (NPV) of all payments in 2024 dollars, and also provide an explanation of the method and rate used to calculate the NPV.

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

Year	Energy (MWh)	Capacity Rate ($/kw- mo)	Total Capacity Payments ($)	Energy Rate ($/MWh)	Total Energy Payments ($)	Total Payments ($)
2024						
2025						
2026						
2027						
2028						
2029						
2030						
2031						
2032						
2033						
2034						
2035						
2036						
2007						
2038						
2039						
2040						
2041						
2042						
2043						
Total (Nominal)						
Total (NPV)						

RESPONSE:
Please see Attachment No. 1 to this request.

2033 CC Avoided Unit

Committed Capacity (MW) 50
Capacity Factor (%) 94%
Payment Type: **Energy Only**

Calendar Year *(Jan. 1 - Dec. 31)*	Energy *(MWh)*	Capacity Rates *($/kW-mo)*	Total Capacity Payments *($)*	Energy Rates *($/MWh)*	Total Energy Payments *($)*	Total Payments *($)*
2024	412,848	-	-	39.39	16,263,184	16,263,184
2025	411,720	-	-	35.58	14,648,345	14,648,345
2026	411,720	-	-	35.42	14,581,341	14,581,341
2027	411,720	-	-	35.93	14,792,787	14,792,787
2028	412,848	-	-	31.19	12,878,077	12,878,077
2029	411,720	-	-	27.93	11,499,736	11,499,736
2030	411,720	-	-	27.85	11,465,189	11,465,189
2031	411,720	-	-	28.54	11,751,781	11,751,781
2032	412,848	-	-	25.86	10,674,922	10,674,922
2033	411,720	-	-	28.06	11,552,705	11,552,705
2034	411,720	-	-	28.80	11,858,196	11,858,196
2035	411,720	-	-	26.44	10,886,746	10,886,746
2036	412,848	-	-	30.72	12,682,292	12,682,292
2037	411,720	-	-	32.35	13,317,657	13,317,657
2038	411,720	-	-	36.13	14,875,169	14,875,169
2039	411,720	-	-	35.41	14,580,630	14,580,630
2040	412,848	-	-	36.64	15,128,301	15,128,301
2041	411,720	-	-	36.79	15,148,724	15,148,724
2042	411,720	-	-	35.92	14,787,724	14,787,724
2043	411,720	-	-	37.91	15,608,157	15,608,157
Total	8,240,040		-		268,981,665	268,981,665
Total NPV @8% Discount Rate					**132,013,500**	**132,013,500**

2033 CC Avoided Unit

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

Calendar Year *(Jan. 1 - Dec. 31)*	Energy *(MWh)*	Capacity Rates *($/kW-mo)*	Total Capacity Payments *($)*	Energy Rates *($/MWh)*	Total Energy Payments *($)*	Total Payments *($)*
2024	412,848	-	-	39.39	16,263,184	16,263,184
2025	411,720	-	-	35.58	14,648,345	14,648,345
2026	411,720	-	-	35.42	14,581,341	14,581,341
2027	411,720	-	-	35.93	14,792,787	14,792,787
2028	412,848	-	-	31.19	12,878,077	12,878,077
2029	411,720	-	-	27.93	11,499,736	11,499,736
2030	411,720	-	-	27.85	11,465,189	11,465,189
2031	411,720	-	-	28.54	11,751,781	11,751,781
2032	412,848	-	-	25.86	10,674,922	10,674,922
2033	411,720	7.98	2,791,742	28.40	11,694,249	14,485,991
2034	411,720	8.14	4,843,925	29.26	12,047,562	16,891,487
2035	411,720	8.31	4,944,710	29.87	12,299,823	17,244,533
2036	412,848	8.48	5,047,608	30.37	12,536,150	17,583,758
2037	411,720	8.66	5,152,664	30.79	12,678,896	17,831,561
2038	411,720	8.84	5,259,924	31.10	12,805,751	18,065,676
2039	411,720	9.03	5,369,435	31.23	12,857,294	18,226,729
2040	412,848	9.21	5,481,243	31.48	12,994,590	18,475,833
2041	411,720	9.41	5,595,398	31.84	13,111,107	18,706,505
2042	411,720	9.60	5,711,950	32.34	13,313,337	19,025,287
2043	411,720	9.80	2,400,389	32.77	13,490,578	15,890,967
Total	8,240,040		52,598,989		258,384,699	310,983,688
Total NPV @8% Discount Rate					**129,412,285**	**146,302,381**

Note:

Avoided Unit-based capacity and energy rates begin on June 1st (the in-service day of the avoided unit) of each year and continue for 12 months. In the table above total capacity payments in each calendar year are determined with the prior year's rate for January through May and the current year's rate for June through December.

2033 CC Avoided Unit

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

Calendar Year *(Jan. 1 - Dec. 31)*	Energy *(MWh)*	Capacity Rates *($/kW-mo)*	Total Capacity Payments *($)*	Energy Rates *($/MWh)*	Total Energy Payments *($)*	Total Payments *($)*
2024	412,848	-	-	39.39	16,263,184	16,263,184
2025	411,720	-	-	35.58	14,648,345	14,648,345
2026	411,720	-	-	35.42	14,581,341	14,581,341
2027	411,720	-	-	35.93	14,792,787	14,792,787
2028	412,848	-	-	31.19	12,878,077	12,878,077
2029	411,720	-	-	27.93	11,499,736	11,499,736
2030	411,720	-	-	27.85	11,465,189	11,465,189
2031	411,720	-	-	28.54	11,751,781	11,751,781
2032	412,848	-	-	25.86	10,674,922	10,674,922
2033	411,720	8.65	3,028,658	28.40	11,694,249	14,722,907
2034	411,720	8.65	5,191,986	29.26	12,047,562	17,239,548
2035	411,720	8.65	5,191,986	29.87	12,299,823	17,491,809
2036	412,848	8.65	5,191,986	30.37	12,536,150	17,728,136
2037	411,720	8.65	5,191,986	30.79	12,678,896	17,870,882
2038	411,720	8.65	5,191,986	31.10	12,805,751	17,997,737
2039	411,720	8.65	5,191,986	31.23	12,857,294	18,049,280
2040	412,848	8.65	5,191,986	31.48	12,994,590	18,186,576
2041	411,720	8.65	5,191,986	31.84	13,111,107	18,303,092
2042	411,720	8.65	5,191,986	32.34	13,313,337	18,505,323
2043	411,720	8.65	2,163,327	32.77	13,490,578	15,653,905
Total	8,240,040		51,919,857		258,384,699	310,304,556
Total NPV @8% Discount Rate					**129,412,285**	**146,302,381**

Note:
Avoided Unit-based capacity and energy rates begin on June 1st (the in-service day of the avoided unit) of each year and continue for 12 months. In the table above total capacity payments in each calendar year are determined with the prior year's rate for January through May and the current year's rate for June through December.

2033 CC Avoided Unit

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

Calendar Year *(Jan. 1 - Dec. 31)*	Energy *(MWh)*	Capacity Rates *($/kW-mo)*	Total Capacity Payments *($)*	Energy Rates *($/MWh)*	Total Energy Payments *($)*	Total Payments *($)*
2024	412,848	-	-	39.39	16,263,184	16,263,184
2025	411,720	-	-	35.58	14,648,345	14,648,345
2026	411,720	-	-	35.42	14,581,341	14,581,341
2027	411,720	-	-	35.93	14,792,787	14,792,787
2028	412,848	-	-	31.19	12,878,077	12,878,077
2029	411,720	4.63	1,620,137	27.93	11,499,736	13,119,873
2030	411,720	4.73	2,811,084	27.85	11,465,189	14,276,273
2031	411,720	4.82	2,869,568	28.54	11,751,781	14,621,349
2032	412,848	4.92	2,929,268	25.86	10,674,922	13,604,189
2033	411,720	5.03	2,990,209	28.40	11,694,249	14,684,458
2034	411,720	5.13	3,052,419	29.26	12,047,562	15,099,982
2035	411,720	5.24	3,115,923	29.87	12,299,823	15,415,747
2036	412,848	5.35	3,180,749	30.37	12,536,150	15,716,899
2037	411,720	5.46	3,246,922	30.79	12,678,896	15,925,819
2038	411,720	5.57	3,314,473	31.10	12,805,751	16,120,224
2039	411,720	5.69	3,383,429	31.23	12,857,294	16,240,723
2040	412,848	5.81	3,453,820	31.48	12,994,590	16,448,409
2041	411,720	5.93	3,525,675	31.84	13,111,107	16,636,781
2042	411,720	6.05	3,599,024	32.34	13,313,337	16,912,362
2043	411,720	6.18	1,512,437	32.77	13,490,578	15,003,015
Total	8,240,040		44,605,137		258,384,699	302,989,836
Total NPV @8% Discount Rate					**129,412,285**	**146,302,381**

Note:
Avoided Unit-based capacity and energy rates begin on June 1st (the in-service day of the avoided unit) of each year and continue for 12 months. In the table above total capacity payments in each calendar year are determined with the prior year's rate for January through May and the current year's rate for June through December.

2033 CC Avoided Unit

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

Calendar Year *(Jan. 1 - Dec. 31)*	Energy *(MWh)*	Capacity Rates *($/kW-mo)*	Total Capacity Payments *($)*	Energy Rates *($/MWh)*	Total Energy Payments *($)*	Total Payments *($)*
2024	412,848	-	-	39.39	16,263,184	16,263,184
2025	411,720	-	-	35.58	14,648,345	14,648,345
2026	411,720	-	-	35.42	14,581,341	14,581,341
2027	411,720	-	-	35.93	14,792,787	14,792,787
2028	412,848	-	-	31.19	12,878,077	12,878,077
2029	411,720	5.18	1,811,893	27.93	11,499,736	13,311,629
2030	411,720	5.18	3,106,103	27.85	11,465,189	14,571,292
2031	411,720	5.18	3,106,103	28.54	11,751,781	14,857,884
2032	412,848	5.18	3,106,103	25.86	10,674,922	13,781,024
2033	411,720	5.18	3,106,103	28.40	11,694,249	14,800,351
2034	411,720	5.18	3,106,103	29.26	12,047,562	15,153,665
2035	411,720	5.18	3,106,103	29.87	12,299,823	15,405,926
2036	412,848	5.18	3,106,103	30.37	12,536,150	15,642,253
2037	411,720	5.18	3,106,103	30.79	12,678,896	15,784,999
2038	411,720	5.18	3,106,103	31.10	12,805,751	15,911,854
2039	411,720	5.18	3,106,103	31.23	12,857,294	15,963,396
2040	412,848	5.18	3,106,103	31.48	12,994,590	16,100,692
2041	411,720	5.18	3,106,103	31.84	13,111,107	16,217,209
2042	411,720	5.18	3,106,103	32.34	13,313,337	16,419,440
2043	411,720	5.18	1,294,209	32.77	13,490,578	14,784,787
Total	8,240,040		43,485,436		258,384,699	301,870,135
Total NPV @8% Discount Rate					**129,412,285**	**146,302,381**

Note:
Avoided Unit-based capacity and energy rates begin on June 1st (the in-service day of the avoided unit) of each year and continue for 12 months. In the table above total capacity payments in each calendar year are determined with the prior year's rate for January through May and the current year's rate for June through December.