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**Florida Power & Light Company**  
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April 22, 2024

**-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. 20240055-EQ**  
**FPL's Response to Staff's First Data Request**

Dear Mr. Teitzman:

Attached is Florida Power & Light Company's response to Staff's First Data Request (Nos. 1-2) in Docket No. 20240055-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: Segundo Sanchez, PSC Staff, Division of Engineering  
Phillip Ellis, PSC Staff, Division of Engineering

Florida Power & Light Company

700 Universe Boulevard, Juno Beach, FL 33408

**Florida Power & Light Company  
Docket No. 20240055-EQ  
Staff's First Data Request  
Request No. 1  
Page 1 of 1**

**QUESTION:**

Please provide data similar to FPL's Ten-Year Site Plan Schedules 7.1, 7.2, 8, and 9 for the year 2034 based on FPL's most recent resource planning.

**RESPONSE:**

Please see Attachment No. 1 to this request.

**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	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	% of Peak	Scheduled Maintenance MW	Total Reserve Margin After Maintenance MW	% of Peak	Generation Only Reserve Margin After Maintenance MW	% of Peak
2024	31,575	240	0	4	31,818	27,785	1,846	25,939	5,879	22.7	0	5,879	22.7	4,033	14.5
2025	32,059	239	0	4	32,302	28,039	1,865	26,174	6,129	23.4	0	6,129	23.4	4,264	15.2
2026	32,841	239	0	4	33,083	28,273	1,853	26,420	6,664	25.2	0	6,664	25.2	4,811	17.0
2027	33,158	239	0	0	33,397	28,477	1,833	26,644	6,753	25.3	0	6,753	25.3	4,920	17.3
2028	33,466	239	0	0	33,705	28,819	1,815	27,004	6,701	24.8	0	6,701	24.8	4,886	17.0
2029	33,579	239	0	0	33,817	29,160	1,799	27,361	6,456	23.6	0	6,456	23.6	4,657	16.0
2030	33,893	238	0	0	34,132	29,544	1,785	27,759	6,373	23.0	0	6,373	23.0	4,588	15.5
2031	34,205	238	0	0	34,443	29,998	1,769	28,229	6,214	22.0	0	6,214	22.0	4,445	14.8
2032	34,481	198	0	0	34,679	30,644	1,754	28,890	5,788	20.0	0	5,788	20.0	4,035	13.2
2033	35,256	198	0	0	35,454	31,278	1,740	29,538	5,915	20.0	0	5,915	20.0	4,175	13.3
2034	37,442	127	0	0	37,570	31,917	1,726	30,191	7,379	24.4	0	7,379	24.4	5,653	17.7

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 load forecast without incremental DSM or cumulative load management.

Col.(8) represents cumulative load management capability, plus incremental conservation and load management, from 9/2023-on intended for use with the 2024 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 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	Firm Installed Capacity MW	Firm Capacity Import MW	Firm Capacity Export MW	Firm QF MW	Total Firm Capacity Available MW	Total Demand MW	DSM MW	Firm Winter Peak Demand MW	Total Reserve Margin Before Maintenance MW	% of Peak	Scheduled Maintenance MW	Total Reserve Margin After Maintenance MW	% of Peak	Generation Only Reserve Margin After Maintenance MW	% of Peak
2024	29,677	219	0	4	29,899	22,486	1,382	21,105	8,795	41.7	0	8,795	41.7	7,413	33.0
2025	29,737	219	0	4	29,959	22,715	1,402	21,313	8,646	40.6	0	8,646	40.6	7,244	31.9
2026	30,364	219	0	4	30,587	23,049	1,397	21,651	8,935	41.3	0	8,935	41.3	7,538	32.7
2027	30,729	219	0	0	30,948	23,375	1,383	21,991	8,956	40.7	0	8,956	40.7	7,573	32.4
2028	31,061	219	0	0	31,280	23,711	1,369	22,342	8,938	40.0	0	8,938	40.0	7,569	31.9
2029	31,214	219	0	0	31,433	24,037	1,359	22,678	8,755	38.6	0	8,755	38.6	7,396	30.8
2030	31,579	219	0	0	31,798	24,436	1,348	23,088	8,710	37.7	0	8,710	37.7	7,362	30.1
2031	31,947	219	0	0	32,166	24,737	1,338	23,399	8,766	37.5	0	8,766	37.5	7,428	30.0
2032	32,314	219	0	0	32,533	25,211	1,327	23,884	8,649	36.2	0	8,649	36.2	7,322	29.0
2033	34,081	179	0	0	34,260	25,685	1,317	24,368	9,892	40.6	0	9,892	40.6	8,575	33.4
2034	36,772	179	0	0	36,951	26,163	1,307	24,856	12,096	48.7	0	12,096	48.7	10,788	41.2

Col. (2) represents capacity additions and changes projected to be in-service by January 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 load forecast without incremental DSM or cumulative load management.

Col.(8) represents cumulative load management capability, plus incremental conservation and load management, from 9/2023-on intended for use with the 2024 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 Winter 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 <sup>(1)</sup>: FPL**

Plant Name	(2) Unit No.	(3) Location	(4) Unit Type	(5) Fuel Pri.	(5) Transport Alt.	(7) PL	(8) RR	(9) No	(10) Const. Mo./Yr.	(11) Comm. In-Service Mo./Yr.	(11) Expected Retirement Mo./Yr.	(12) Gen. Max. Nameplate KW	(13) Firm Net Capability <sup>(2)</sup>		(14) Status	
													Winter MW			Summer MW
													Winter MW	Summer MW		OT
<b>ADDITIONS/ CHANGES</b>																
<b>FPL</b>																
<b>2024</b>																
Daniel Retirement	1	Jackson County, MS	FS	C	No	RR	No	-	Sep-77	1st Q 2024	251,000	(251)	(251)		C	
Daniel Retirement	2	Jackson County, MS	FS	C	No	RR	No	-	Jun-81	1st Q 2024	251,000	(251)	(251)		C	
Sanford Upgrade	4	Volusia County	CC	NG	No	PL	No	-	2nd Q 2024	Unknown	1,272,000	-	19		OP	
Sanford Upgrade	5	Volusia County	CC	NG	No	PL	No	-	2nd Q 2024	Unknown	1,226,000	-	10		OP	
Fort Myers Upgrade	2	Lee County	CC	NG	No	PL	No	-	2nd Q 2024	Unknown	1,869,000	-	14		OP	
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	-	-		OT	
<b>2024 Changes/Additions Total:</b>													<b>0</b>	<b>43.0</b>		
<b>2025</b>																
Sanford Upgrade	4	Volusia County	CC	NG	No	PL	No	-	2nd Q 2024	Unknown	1,272,000	6	-		OP	
Sanford Upgrade	5	Volusia County	CC	NG	No	PL	No	-	2nd Q 2024	Unknown	1,226,000	26	-		OP	
Fort Myers Upgrade	2	Lee County	CC	NG	No	PL	No	-	2nd Q 2024	Unknown	1,869,000	51	-		OP	
Gulf Clean Energy Center Retirement	4	Escambia County	ST	NG	--	PL	--	--	Jul-59	4th Q 2024	75,000	(75)	(75)		P	
Honeybell Solar <sup>3/</sup>	1	Okeechobee County	PV	Solar	Solar	N/A	N/A	-	4th Q 2024	Unknown	74,500	2	33		P	
Buttonwood Solar <sup>3/</sup>	1	St Lucie County	PV	Solar	Solar	N/A	N/A	-	4th Q 2024	Unknown	74,500	2	33		P	
Mitchell Creek Solar <sup>3/</sup>	1	Escambia County	PV	Solar	Solar	N/A	N/A	-	4th Q 2024	Unknown	74,500	0	29		P	
Hendry Isles Solar <sup>3/</sup>	1	Hendry County	PV	Solar	Solar	N/A	N/A	-	4th Q 2024	Unknown	74,500	2	18		P	
Norton Creek Solar <sup>3/</sup>	1	Madison County	PV	Solar	Solar	N/A	N/A	-	4th Q 2024	Unknown	74,500	0	26		P	
Kayak Solar <sup>3/</sup>	1	Okaloosa County	PV	Solar	Solar	N/A	N/A	-	4th Q 2024	Unknown	74,500	0	29		P	
Georges Lake Solar <sup>3/</sup>	1	Putnam County	PV	Solar	Solar	N/A	N/A	-	4th Q 2024	Unknown	74,500	1	22		P	
Cedar Trail Solar <sup>3/</sup>	1	Baker County	PV	Solar	Solar	N/A	N/A	-	4th Q 2024	Unknown	74,500	0	23		P	
Holopaw Solar <sup>3/</sup>	1	Palm Beach County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	3	34		P	
Speckled Perch Solar <sup>3/</sup>	1	Okeechobee County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	2	20		P	
Big Water Solar <sup>3/</sup>	1	Okeechobee County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	2	20		P	
Fawn Solar <sup>3/</sup>	1	Martin County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	3	34		P	
Hog Bay Solar <sup>3/</sup>	1	DeSoto County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	1	31		P	
Green Pasture Solar <sup>3/</sup>	1	Charlotte County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	1	32		P	
Thomas Creek Solar <sup>3/</sup>	1	Nassau County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	0	32		P	
Fox Trail Solar <sup>3/</sup>	1	Brevard County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	2	35		P	
Long Creek Solar <sup>3/</sup>	1	Manatee County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	1	32		P	
Swallowtail Solar <sup>3/</sup>	1	Walton County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	0	30		P	
Tenmile Creek Solar <sup>3/</sup>	1	Calhoun County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	0	29		P	
Redlands Solar <sup>3/</sup>	1	Miami-Dade County	PV	Solar	Solar	N/A	N/A	-	1st Q 2025	Unknown	74,500	0	21		P	
Riviera Beach Upgrade	1	City of Riviera Beach	CC	NG	FO2	PL	TK	-	1st Q 2025	Unknown	1,398,000	8	-		OP	
Sanford Upgrade	5	Volusia County	CC	NG	No	PL	No	-	2nd Q 2025	Unknown	1,226,000	-	10		OP	
Turkey Point Upgrade	5	Miami-Dade County	CC	NG	FO2	PL	TK	-	2nd Q 2025	Unknown	1,358,000	-	8		OP	
Pea Ridge Retirement	1	Santa Rosa	GT	NG	PL	NA	NA	-	May-98	2nd Q 2025	5,000	-	(4)		P	
Pea Ridge Retirement	2	Santa Rosa	GT	NG	PL	NA	NA	-	May-98	2nd Q 2025	5,000	-	(4)		P	
Pea Ridge Retirement	3	Santa Rosa	GT	NG	PL	NA	NA	-	May-98	2nd Q 2025	5,000	-	(4)		P	
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	-	(9)		OT	
<b>2025 Changes/Additions Total:</b>													<b>40</b>	<b>485.7</b>		

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 8 - Resource Plan**  
**Planned And Prospective Generating Facility Additions And Changes <sup>(1)</sup>: FPL**

Plant Name	Unit No.	Location	Unit Type	Fuel				Const. Mo./Yr.	Comm. In-Service Mo./Yr.	Expected Retirement Mo./Yr.	Gen. Max. Nameplate KW	Firm		Status
				Pri.	Alt.	Transport						Winter MW	Summer MW	
						Fuel	Fuel							
<b>ADDITIONS/ CHANGES</b>														
<b>FPL</b>														
<b>2026</b>														
Turkey Point Upgrade	5	Miami-Dade County	CC	NG	FO2	PL	TK	-	2nd Q 2025	Unknown	1,358,000	3	-	OP
Sanford Upgrade	5	Volusia County	CC	NG	No	PL	No	-	2nd Q 2025	Unknown	1,226,000	26	-	OP
Pea Ridge Retirement	1	Santa Rosa	GT	NG	PL	NA	NA	-	May-98	2nd Q 2025	5,000	(5)	-	P
Pea Ridge Retirement	2	Santa Rosa	GT	NG	PL	NA	NA	-	May-98	2nd Q 2025	5,000	(5)	-	P
Pea Ridge Retirement	3	Santa Rosa	GT	NG	PL	NA	NA	-	May-98	2nd Q 2025	5,000	(5)	-	P
Battery Storage <sup>4</sup>	1	Unknown	BS	N/A	N/A	N/A	N/A	-	4th Q 2025	Unknown	521,500	522	349	P
Flatford Solar <sup>3/</sup>	1	Manatee County	PV	Solar	Solar	N/A	N/A	-	1st Q 2026	Unknown	74,500	2	21	P
Mare Branch Solar <sup>3/</sup>	1	DeSoto County	PV	Solar	Solar	N/A	N/A	-	1st Q 2026	Unknown	74,500	2	21	P
Price Creek Solar <sup>3/</sup>	1	Columbia County	PV	Solar	Solar	N/A	N/A	-	1st Q 2026	Unknown	74,500	2	21	P
Swamp Cabbage Solar <sup>3/</sup>	1	Hendry County	PV	Solar	Solar	N/A	N/A	-	1st Q 2026	Unknown	74,500	2	21	P
Big Brook Solar <sup>3/</sup>	1	Calhoun County	PV	Solar	Solar	N/A	N/A	-	1st Q 2026	Unknown	74,500	2	21	P
Mallard Solar <sup>3/</sup>	1	Brevard County	PV	Solar	Solar	N/A	N/A	-	1st Q 2026	Unknown	74,500	2	21	P
Boardwalk Solar <sup>3/</sup>	1	Collier County	PV	Solar	Solar	N/A	N/A	-	1st Q 2026	Unknown	74,500	2	21	P
Goldenrod Solar <sup>3/</sup>	1	Collier County	PV	Solar	Solar	N/A	N/A	-	1st Q 2026	Unknown	74,500	2	21	P
Hendry Solar <sup>3/</sup>	1	Hendry County	PV	Solar	Solar	N/A	N/A	-	2nd Q 2026	Unknown	74,500	2	21	P
Tangelo Solar <sup>3/</sup>	1	Okcechobee County	PV	Solar	Solar	N/A	N/A	-	2nd Q 2026	Unknown	74,500	2	21	P
North Orange Solar <sup>3/</sup>	1	St. Lucie County	PV	Solar	Solar	N/A	N/A	-	2nd Q 2026	Unknown	74,500	2	21	P
Wood Stork Solar <sup>3/</sup>	1	St. Lucie County	PV	Solar	Solar	N/A	N/A	-	2nd Q 2026	Unknown	74,500	2	21	P
Sea Grape Solar <sup>3/</sup>	1	St. Lucie County	PV	Solar	Solar	N/A	N/A	-	2nd Q 2026	Unknown	74,500	2	21	P
Clover Solar <sup>3/</sup>	1	St. Lucie County	PV	Solar	Solar	N/A	N/A	-	2nd Q 2026	Unknown	74,500	2	21	P
Indrio Solar <sup>3/</sup>	1	St. Lucie County	PV	Solar	Solar	N/A	N/A	-	2nd Q 2026	Unknown	74,500	2	21	P
Sand Pine Solar <sup>3/</sup>	1	Calhoun County	PV	Solar	Solar	N/A	N/A	-	2nd Q 2026	Unknown	74,500	2	21	P
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	-	(11)	OT
<b>2026 Changes/Additions Total:</b>												<b>0</b>	<b>(11)</b>	
<b>2027</b>														
Middle Lake Solar <sup>3/</sup>	1	Madison County	PV	Solar	Solar	N/A	N/A	-	3rd Q 2026	Unknown	74,500	2	21	P
Ambersweet Solar <sup>3/</sup>	1	Indian River County	PV	Solar	Solar	N/A	N/A	-	3rd Q 2026	Unknown	74,500	2	21	P
County Line Solar <sup>3/</sup>	1	Charlotte,DeSoto County	PV	Solar	Solar	N/A	N/A	-	3rd Q 2026	Unknown	74,500	2	5	P
Saddle Solar <sup>3/</sup>	1	DeSoto County	PV	Solar	Solar	N/A	N/A	-	3rd Q 2026	Unknown	74,500	2	5	P
Cocoplum Solar <sup>3/</sup>	1	Hendry County	PV	Solar	Solar	N/A	N/A	-	3rd Q 2026	Unknown	74,500	2	5	P
Catfish Solar <sup>3/</sup>	1	Okcechobee County	PV	Solar	Solar	N/A	N/A	-	3rd Q 2026	Unknown	74,500	2	5	P
Hardwood Hammock Solar <sup>3/</sup>	1	Walton County	PV	Solar	Solar	N/A	N/A	-	3rd Q 2026	Unknown	74,500	2	5	P
Cardinal Solar <sup>3/</sup>	1	Brevard County	PV	Solar	Solar	N/A	N/A	-	4th Q 2026	Unknown	74,500	2	5	P
Maple Trail Solar <sup>3/</sup>	1	Baker County	PV	Solar	Solar	N/A	N/A	-	4th Q 2026	Unknown	74,500	2	5	P
Joshua Creek Solar <sup>3/</sup>	1	Desoto County	PV	Solar	Solar	N/A	N/A	-	4th Q 2026	Unknown	74,500	2	5	P
Myakka Solar <sup>3/</sup>	1	Manatee County	PV	Solar	Solar	N/A	N/A	-	4th Q 2026	Unknown	74,500	2	5	P
Waveland Solar <sup>3/</sup>	1	St. Lucie County	PV	Solar	Solar	N/A	N/A	-	4th Q 2026	Unknown	74,500	2	5	P
Inlet Solar <sup>3/</sup>	1	Indian River County	PV	Solar	Solar	N/A	N/A	-	4th Q 2026	Unknown	74,500	2	5	P
Wabasso Solar <sup>3/</sup>	1	Indian River County	PV	Solar	Solar	N/A	N/A	-	4th Q 2026	Unknown	74,500	2	5	P
Gulf Clean Energy Center Retirement	5	Escambia County	ST	NG	--	PL	--	-	Jun-61	4th Q 2026	75,000	(75)	(75)	P
Dania Beach Clean Energy Center Upgrade	7	Broward County	CC	NG	FO2	PL	TK	-	1st Q 2027	Unknown	1,246,000	18	-	OP
Manatee Upgrade	3	Manatee County	CC	NG	No	PL	No	-	1st Q 2027	Unknown	1,346,000	5	29	OP
Martin Upgrade	3	Martin County	CC	NG	FO2	PL	TK	-	1st Q 2027	Unknown	520,000	18	-	OP
Martin Upgrade	4	Martin County	CC	NG	FO2	PL	TK	-	1st Q 2027	Unknown	520,000	18	-	OP
Martin Upgrade	8	Martin County	CC	NG	FO2	PL	TK	-	1st Q 2027	Unknown	1,327,000	3	-	OP
West County Upgrade	1	Palm Beach County	CC	NG	FO2	PL	TK	-	1st Q 2027	Unknown	1,349,000	9	-	OP
West County Upgrade	2	Palm Beach County	CC	NG	FO2	PL	TK	-	1st Q 2027	Unknown	1,349,000	9	-	OP
West County Upgrade	3	Palm Beach County	CC	NG	FO2	PL	TK	-	1st Q 2027	Unknown	1,349,000	9	-	OP
Martin Upgrade	8	Martin County	CC	NG	FO2	PL	TK	-	2nd Q 2027	Unknown	1,327,000	-	19	OP
Battery Storage <sup>4/</sup>	1	Unknown	BS	N/A	N/A	N/A	N/A	-	1st Q 2027	Unknown	300,000	300	219	P
Solar PV <sup>3/</sup>	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2027	Unknown	2,235,000	69	140	P
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	-	(12)	OT
<b>2027 Changes/Additions Total:</b>												<b>369</b>	<b>346</b>	

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 8 - Resource Plan**  
**Planned And Prospective Generating Facility Additions And Changes <sup>(1)</sup>: FPL**

Plant Name	Unit No.	Location	Unit Type	Fuel				Const. Start Mo./Yr.	Comm. In-Service Mo./Yr.	Expected Retirement Mo./Yr.	Gen. Max. Nameplate KW	Firm Net Capacity <sup>(2)</sup>		Status
				Pri.	Alt.	Transport						Winter MW	Summer MW	
						Pri.	Alt.							
<b>ADDITIONS/ CHANGES</b>														
<b>FPL</b>														
<b>2028</b>														
Martin Upgrade	8	Martin County	CC	NG	FO2	PL	TK	-	2nd Q 2027	Unknown	1,327,000	3	-	OP
Manatee Upgrade	3	Manatee Country	CC	NG	No	PL	No	-	3rd Q 2027	Unknown	1,346,000	3	14	OP
Lansing Smith Retirement	3A	Broward County	CT	LO	--	TK	--	-	May-71	4th Q 2027	40,000	(40)	(32)	P
Battery Storage <sup>4/</sup>	1	Unknown	BS	N/A	N/A	N/A	N/A	-	1st Q 2028	Unknown	300,000	300	213	P
Solar PV <sup>3/</sup>	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2028	Unknown	2,235,000	69	140	P
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	-	(13)	OT
<b>2028 Changes/Additions Total:</b>												<b>329</b>	<b>308</b>	
<b>2029</b>														
Scherer Retirement	3	Monroe County, GA	FS	C	-	RR	-	-	Jan-87	4th Q 2028	215,000	(215)	(215)	P
Battery Storage <sup>4/</sup>	1	Unknown	BS	N/A	N/A	N/A	N/A	-	1st Q 2029	Unknown	300,000	300	201	P
Solar PV <sup>3/</sup>	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2029	Unknown	2,235,000	69	140	P
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	-	(13)	OT
<b>2029 Changes/Additions Total:</b>												<b>69</b>	<b>127</b>	
<b>2030</b>														
Perdido Retirement	1	Escambia County	IC	LFG	-	PL	-	-	Oct-10	4th Q 2029	1,500	(2)	(2)	P
Perdido Retirement	2	Escambia County	IC	LFG	-	PL	-	-	Oct-10	4th Q 2029	1,500	(2)	(2)	P
Battery Storage <sup>4/</sup>	1	Unknown	BS	N/A	N/A	N/A	N/A	-	1st Q 2030	Unknown	300,000	300	191	P
Solar PV <sup>3/</sup>	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2030	Unknown	2,235,000	69	140	P
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	-	(13)	OT
<b>2030 Changes/Additions Total:</b>												<b>366</b>	<b>314</b>	
<b>2031</b>														
Battery Storage <sup>4/</sup>	1	Unknown	BS	N/A	N/A	N/A	N/A	-	1st Q 2031	Unknown	300,000	300	186	P
Solar PV <sup>3/</sup>	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2031	Unknown	2,235,000	69	140	P
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	-	(14)	OT
<b>2031 Changes/Additions Total:</b>												<b>369</b>	<b>312</b>	
<b>2032</b>														
Battery Storage <sup>4/</sup>	1	Unknown	BS	N/A	N/A	N/A	N/A	-	1st Q 2032	Unknown	300,000	300	150	P
Solar PV <sup>3/</sup>	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2032	Unknown	2,235,000	69	140	P
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	-	(14)	OT
<b>2032 Changes/Additions Total:</b>												<b>369</b>	<b>276</b>	
<b>2033</b>														
Battery Storage <sup>4/</sup>	1	Unknown	BS	N/A	N/A	N/A	N/A	-	1st Q 2033	Unknown	1,700,000	1,700	650	P
Solar PV <sup>3/</sup>	1	Unknown	PV	Solar	Solar	N/A	N/A	-	1st Q 2033	Unknown	2,235,000	69	140	P
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	-	(14)	OT
<b>2033 Changes/Additions Total:</b>												<b>1,769</b>	<b>775</b>	
<b>2034</b>														
Battery Storage <sup>4/</sup>	1	Unknown	BS	N/A	N/A	N/A	N/A	-	1st Q 2034	Unknown	700,000	700	210	P
3x1 Combined Cycle (CC)	1	Martin County	CC	NG	No	PL	No	-	1st Q 2034	Unknown	2,007,000	1,993	1,991	P
<b>2034 Changes/Additions Total:</b>												<b>2,693</b>	<b>2,201</b>	

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)	<b>Plant Name and Unit Number:</b>	Unsited Battery Storage
(2)	<b>Capacity</b>	
	a. Nameplate (AC)	700 MW
	b. Summer Firm (AC)	210 MW
	c. Winter Firm (AC)	700 MW
(3)	<b>Technology Type:</b>	Battery
(4)	<b>Anticipated Construction Timing</b>	
	a. Field construction start-date:	2033
	b. Commercial In-service date:	2034
(5)	<b>Fuel</b>	
	a. Primary Fuel	Not applicable
	b. Alternate Fuel	Not applicable
(6)	<b>Air Pollution and Control Strategy:</b>	Not applicable
(7)	<b>Cooling Method:</b>	Not applicable
(8)	<b>Total Site Area:</b>	TBD Acres
(9)	<b>Construction Status:</b>	P (Planned Unit)
(10)	<b>Certification Status:</b>	---
(11)	<b>Status with Federal Agencies:</b>	---
(12)	<b>Projected Unit Performance Data:</b>	
	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):	Not applicable
	Base Operation 75F,100%	
	Average Net Incremental Heat Rate (ANIHR):	Not applicable
	Peak Operation 75F,100%	
(13)	<b>Projected Unit Financial Data *</b>	
	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)	<b>Plant Name and Unit Number:</b>	3x1 Combined Cycle (CC)	
(2)	<b>Capacity</b>		
	a. Nameplate (AC)	2,007	MW
	b. Summer Firm (AC)	1,991	MW
	c. Winter Firm (AC)	1,993	MW
(3)	<b>Technology Type:</b>	Combined Cycle	
(4)	<b>Anticipated Construction Timing</b>		
	a. Field construction start-date:	2029	
	b. Commercial In-service date:	2034	
(5)	<b>Fuel</b>		
	a. Primary Fuel	Natural Gas	
	b. Alternate Fuel	Ultra-low sulfur distillate	
(6)	<b>Air Pollution and Control Strategy:</b>	Dry Low Nox Burners, SCR, Natural Gas, 0.0015% S. Distillate and Water Injection	
(7)	<b>Cooling Method:</b>	Mechanical Draft Cooling Towers	
(8)	<b>Total Site Area:</b>	TBD	Acres
(9)	<b>Construction Status:</b>	P	(Planned Unit)
(10)	<b>Certification Status:</b>	---	
(11)	<b>Status with Federal Agencies:</b>	---	
(12)	<b>Projected Unit Performance Data:</b>		
	Planned Outage Factor (POF):	3.5%	
	Forced Outage Factor (FOF):	1.0%	
	Equivalent Availability Factor (EAF):	94.0%	
	Resulting Capacity Factor (%):	64%	(First Full Year Operation)
	Average Net Operating Heat Rate (ANOHR):	5,947	
	Base Operation 75F,100%		
	Average Net Incremental Heat Rate (ANIHR):	8,016	
	Peak Operation 75F,100%		
(13)	<b>Projected Unit Financial Data *, **</b>		
	Book Life (Years):	50 years	
	Total Installed Cost (2034 \$/kW):	1,018.18	
	Direct Construction Cost (\$/kW):	909.46	
	AFUDC Amount (2034 \$/kW):	108.72	
	Escalation (\$/kW):	Accounted for in Direct Construction Cost	
	Fixed O&M (\$/kW-Yr.): (2034 \$)	17.06	(First Full Year Operation)
	Variable O&M (\$/MWH): (2034 \$)	0.12	
	K Factor:	1.43	

\* \$/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.

**Florida Power & Light Company**  
**Docket No. 20240055-EQ**  
**Staff's First Data Request**  
**Request No. 2**  
**Page 1 of 2**

**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, 2025, 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 2025 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 (\$)
2025						
2026						
2027						
2028						
2029						
2030						
2031						
2032						
2033						
2034						
2035						
2036						
2007						
2038						
2039						
2040						
2041						
2042						
2043						
2044						
Total (Nominal)						
Total (NPV)						

**Florida Power & Light Company  
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Request No. 2  
Page 2 of 2**

RESPONSE:

Please see Attachment No. 1 to this request.

2034 CC Avoided Unit

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

Calendar Year <i>(Jan. 1 - Dec. 31)</i>	Energy <i>(MWh)</i>	Capacity Rates <i>(\$/kW-mo)</i>	Total Capacity Payments <i>(\$)</i>	Energy Rates <i>(\$/MWh)</i>	Total Energy Payments <i>(\$)</i>	Total Payments <i>(\$)</i>
2025	411,720	-	-	29.98	12,342,388	12,342,388
2026	411,720	-	-	35.42	14,585,004	14,585,004
2027	411,720	-	-	37.14	15,291,250	15,291,250
2028	412,848	-	-	36.47	15,058,294	15,058,294
2029	411,720	-	-	43.09	17,741,293	17,741,293
2030	411,720	-	-	38.40	15,811,337	15,811,337
2031	411,720	-	-	32.10	13,215,594	13,215,594
2032	412,848	-	-	31.79	13,126,200	13,126,200
2033	411,720	-	-	35.96	14,805,940	14,805,940
2034	411,720	-	-	38.56	15,877,083	15,877,083
2035	411,720	-	-	39.67	16,331,667	16,331,667
2036	412,848	-	-	36.72	15,161,314	15,161,314
2037	411,720	-	-	41.22	16,969,269	16,969,269
2038	411,720	-	-	43.87	18,060,819	18,060,819
2039	411,720	-	-	49.34	20,314,278	20,314,278
2040	412,848	-	-	50.13	20,694,183	20,694,183
2041	411,720	-	-	53.32	21,950,973	21,950,973
2042	411,720	-	-	53.66	22,091,447	22,091,447
2043	411,720	-	-	57.58	23,704,860	23,704,860
2044	412,848	-	-	64.35	26,567,145	26,567,145
<b>Total</b>	<b>8,240,040</b>		<b>-</b>		<b>349,700,339</b>	<b>349,700,339</b>
<b>Total NPV @8.14% Discount Rate</b>					<b>157,383,331</b>	<b>157,383,331</b>

2034 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 (\$)
2025	411,720	-	-	29.98	12,342,388	12,342,388
2026	411,720	-	-	35.42	14,585,004	14,585,004
2027	411,720	-	-	37.14	15,291,250	15,291,250
2028	412,848	-	-	36.47	15,058,294	15,058,294
2029	411,720	-	-	43.09	17,741,293	17,741,293
2030	411,720	-	-	38.40	15,811,337	15,811,337
2031	411,720	-	-	32.10	13,215,594	13,215,594
2032	412,848	-	-	31.79	13,126,200	13,126,200
2033	411,720	-	-	35.96	14,805,940	14,805,940
2034	411,720	8.79	3,075,276	36.18	14,894,551	17,969,827
2035	411,720	8.97	5,335,915	36.22	14,910,966	20,246,880
2036	412,848	9.16	5,446,996	37.34	15,414,681	20,861,677
2037	411,720	9.35	5,560,407	38.88	16,006,893	21,567,300
2038	411,720	9.54	5,676,198	40.50	16,675,328	22,351,526
2039	411,720	9.74	5,794,420	41.79	17,203,811	22,998,231
2040	412,848	9.94	5,915,124	44.76	18,480,043	24,395,166
2041	411,720	10.15	6,038,362	47.02	19,357,361	25,395,723
2042	411,720	10.36	6,164,188	48.20	19,845,258	26,009,446
2043	411,720	10.58	6,292,657	49.97	20,575,625	26,868,282
2044	412,848	10.80	2,644,437	53.58	22,120,376	24,764,813
<b>Total</b>	<b>8,240,040</b>		<b>57,943,979</b>		<b>327,462,194</b>	<b>385,406,172</b>
<b>Total NPV @8.14% Discount Rate</b>					<b>151,158,177</b>	<b>169,410,409</b>

Note:

Avoided Unit-based capacity and energy rates begin on June 1<sup>st</sup> (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.

2034 CC Avoided Unit

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

Calendar Year <i>(Jan. 1 - Dec. 31)</i>	Energy <i>(MWh)</i>	Capacity Rates <i>(\$/kW-mo)</i>	Total Capacity Payments <i>(\$)</i>	Energy Rates <i>(\$/MWh)</i>	Total Energy Payments <i>(\$)</i>	Total Payments <i>(\$)</i>
2025	411,720	-	-	29.98	12,342,388	12,342,388
2026	411,720	-	-	35.42	14,585,004	14,585,004
2027	411,720	-	-	37.14	15,291,250	15,291,250
2028	412,848	-	-	36.47	15,058,294	15,058,294
2029	411,720	-	-	43.09	17,741,293	17,741,293
2030	411,720	-	-	38.40	15,811,337	15,811,337
2031	411,720	-	-	32.10	13,215,594	13,215,594
2032	412,848	-	-	31.79	13,126,200	13,126,200
2033	411,720	-	-	35.96	14,805,940	14,805,940
2034	411,720	9.53	3,335,662	36.18	14,894,551	18,230,213
2035	411,720	9.53	5,718,278	36.22	14,910,966	20,629,244
2036	412,848	9.53	5,718,278	37.34	15,414,681	21,132,959
2037	411,720	9.53	5,718,278	38.88	16,006,893	21,725,171
2038	411,720	9.53	5,718,278	40.50	16,675,328	22,393,606
2039	411,720	9.53	5,718,278	41.79	17,203,811	22,922,089
2040	412,848	9.53	5,718,278	44.76	18,480,043	24,198,321
2041	411,720	9.53	5,718,278	47.02	19,357,361	25,075,639
2042	411,720	9.53	5,718,278	48.20	19,845,258	25,563,536
2043	411,720	9.53	5,718,278	49.97	20,575,625	26,293,903
2044	412,848	9.53	2,382,616	53.58	22,120,376	24,502,992
<b>Total</b>	<b>8,240,040</b>		<b>57,182,780</b>		<b>327,462,194</b>	<b>384,644,974</b>
<b>Total NPV @8.14% Discount Rate</b>					<b>151,158,177</b>	<b>169,410,409</b>

Note:

Avoided Unit-based capacity and energy rates begin on June 1<sup>st</sup> (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.

2034 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 (\$)
2025	411,720	-	-	29.98	12,342,388	12,342,388
2026	411,720	-	-	35.42	14,585,004	14,585,004
2027	411,720	-	-	37.14	15,291,250	15,291,250
2028	412,848	-	-	36.47	15,058,294	15,058,294
2029	411,720	-	-	43.09	17,741,293	17,741,293
2030	411,720	5.08	1,778,841	38.40	15,811,337	17,590,178
2031	411,720	5.19	3,086,470	32.10	13,215,594	16,302,064
2032	412,848	5.30	3,150,716	31.79	13,126,200	16,276,917
2033	411,720	5.41	3,216,300	35.96	14,805,940	18,022,240
2034	411,720	5.52	3,283,249	36.18	14,894,551	18,177,800
2035	411,720	5.63	3,351,592	36.22	14,910,966	18,262,558
2036	412,848	5.75	3,421,358	37.34	15,414,681	18,836,039
2037	411,720	5.87	3,492,575	38.88	16,006,893	19,499,468
2038	411,720	5.99	3,565,275	40.50	16,675,328	20,240,603
2039	411,720	6.12	3,639,488	41.79	17,203,811	20,843,300
2040	412,848	6.25	3,715,246	44.76	18,480,043	22,195,289
2041	411,720	6.38	3,792,581	47.02	19,357,361	23,149,942
2042	411,720	6.51	3,871,526	48.20	19,845,258	23,716,785
2043	411,720	6.64	3,952,114	49.97	20,575,625	24,527,739
2044	412,848	6.78	1,660,825	53.58	22,120,376	23,781,201
<b>Total</b>	<b>8,240,040</b>		<b>48,978,159</b>		<b>327,462,194</b>	<b>376,440,353</b>
<b>Total NPV @8.14% Discount Rate</b>					<b>151,158,177</b>	<b>169,410,409</b>

Note:

Avoided Unit-based capacity and energy rates begin on June 1<sup>st</sup> (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.

2034 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 (\$)
2025	411,720	-	-	29.98	12,342,388	12,342,388
2026	411,720	-	-	35.42	14,585,004	14,585,004
2027	411,720	-	-	37.14	15,291,250	15,291,250
2028	412,848	-	-	36.47	15,058,294	15,058,294
2029	411,720	-	-	43.09	17,741,293	17,741,293
2030	411,720	5.68	1,988,654	38.40	15,811,337	17,799,991
2031	411,720	5.68	3,409,120	32.10	13,215,594	16,624,715
2032	412,848	5.68	3,409,120	31.79	13,126,200	16,535,321
2033	411,720	5.68	3,409,120	35.96	14,805,940	18,215,060
2034	411,720	5.68	3,409,120	36.18	14,894,551	18,303,671
2035	411,720	5.68	3,409,120	36.22	14,910,966	18,320,086
2036	412,848	5.68	3,409,120	37.34	15,414,681	18,823,802
2037	411,720	5.68	3,409,120	38.88	16,006,893	19,416,014
2038	411,720	5.68	3,409,120	40.50	16,675,328	20,084,448
2039	411,720	5.68	3,409,120	41.79	17,203,811	20,612,932
2040	412,848	5.68	3,409,120	44.76	18,480,043	21,889,163
2041	411,720	5.68	3,409,120	47.02	19,357,361	22,766,481
2042	411,720	5.68	3,409,120	48.20	19,845,258	23,254,379
2043	411,720	5.68	3,409,120	49.97	20,575,625	23,984,745
2044	412,848	5.68	1,420,467	53.58	22,120,376	23,540,843
<b>Total</b>	<b>8,240,040</b>		<b>47,727,685</b>		<b>327,462,194</b>	<b>375,189,879</b>
<b>Total NPV @8.14% Discount Rate</b>					<b>151,158,177</b>	<b>169,410,409</b>

Note:

Avoided Unit-based capacity and energy rates begin on June 1<sup>st</sup> (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.