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June 16, 2023

-VIA ELECTRONIC FILING-

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

RE: Docket No. 20230000-OT
Florida Power & Light Company's 2023-2032 Ten Year Power Plant Site Plan

Dear Mr. Teitzman:

Please find attached Florida Power & Light Company's responses to Staff's Second Data Request, Nos. 1-4.

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

Sincerely,

/s/ *William P. Cox*
William P. Cox
Senior Counsel
Fla. Bar No. 00093531

WPC:ec
Enclosures
cc: Philip Ellis, Division of Engineering (via electronic mail *pellis@psc.state.fl.us*)
Greg Davis, Division of Engineering (via electronic mail *gdavis@psc.state.fl.us*)

QUESTION:
Referring to FPL's response to Staff's First Data Request, No. 2, Attachment No.1, Tab. 7 of 23 (Schedule 2.2), please explain why FPL projected that the amount of "Sales to Ultimate Consumers (GWh)" for 2023 will be lower than both the 2022 actual amount and the 2024 projected amount.

RESPONSE:
The forecasted 2023 "Sales to Ultimate Consumers (GWh)" is lower than the 2022 actual amount primarily due to weather. Weather normalized 2022 "Sales to Ultimate Consumers (GWh)" are 123,167 GWh, which is lower than the 2023 projection.

The forecasted 2023 "Sales to Ultimate Consumers (GWh)" is lower than the 2024 projected amount due to customer growth and its influence on the sales forecast. In 2023, customer growth is expected to be 1.4%, with a projected additional 1.3% of customer growth in 2024, resulting in higher sales.

QUESTION:
Referring to FPL's response to Staff's First Data Request, No. 2, Attachment No.1, Tab. 7 of 23 (Schedules 2.1 and 2.2), please explain how FPL derived its forecasted "Average kWh Consumption Per Customer" for each of the Rural & Residential, Commercial, and Industrial Classes.

RESPONSE:
For each respective class, the "Average kWh Consumption Per Customer" is derived by taking the forecasted "GWh" and dividing it by the forecasted "Average No. of Customers". The result is then converted to kWh.

QUESTION:
If Schedules 2.1 and 2.2 do not include the incremental impact of utility conservation programs on forecasted "GWh" for each of the Rural & Residential, Commercial, and Industrial Classes, please explain FPL's rationale for not including such impacts. Also, explain what impact the exclusion of such conservation has on the various forecasts appearing in these schedules.

RESPONSE:
Forecasted "GWh" in Schedules 2.1 and 2.2 do not include the incremental impact of utility conservation programs to prevent double counting the impact of conservation programs. FPL models conservation as an independent resource and includes that resource in its Resource Plan. The impact of conservation programs on forecasted "GWh" can be found in Schedule 3.3.

QUESTION:
Please refer to FPL's response to Staff's First Data Request, No. 2, Attachment 1, Tab Schedule 3.1 for both the 2022 and 2023 Ten-Year Site Plans. Please explain why the sum of the historical summer peak totals for FPL and Gulf (Column 2) in FPL's 2022 Ten-Year Site Plan do not match the historical summer peak totals (Column 2) depicted in FPL's 2023 Ten-Year Site Plan.

Table 1: Differences in FPL's 2022-23 Historical Summer Peak Demand Values

2022 TYSP FPL Total		2022 TYSP Gulf Total		2022 TYSP FPL + Gulf		2023 TYSP FPL		Difference
2012	21,440	2012	2,351	2012	23,791	-	-	-
2013	21,576	2013	2,362	2013	23,938	2013	23,556	(382)
2014	22,935	2014	2,437	2014	25,372	2014	23,606	(1,766)
2015	22,959	2015	2,495	2015	25,454	2015	25,117	(337)
2016	23,858	2016	2,508	2016	26,366	2016	25,361	(1,005)
2017	23,373	2017	2,434	2017	25,807	2017	26,044	237
2018	23,217	2018	2,491	2018	25,708	2018	25,662	(46)
2019	24,241	2019	2,472	2019	26,713	2019	25,411	(1,302)
2020	24,499	2020	2,410	2020	26,909	2020	26,594	(315)
2021	24,042	2021	2,441	2021	26,483	2021	26,336	(147)

RESPONSE:
The historical peak demands shown in Schedules 3.1 and 3.2, column (2) Total as originally filed contained an error impacting the values for years 2013-2021. Correcting the erroneous values in Schedules 3.1 and 3.2, column (2) Total results in changes to column (4) Retail and column (10) Net Firm Demand in those schedules as well as changes to Schedule 3.3, column (9) Load Factor (%). Updated schedules are provided with an errata filed on the same date as this response.

Table 2 shown below is similar to Table 1 but has been updated with the corrected historical peak demand values.

Table 2: Updated Differences in FPL's 2022-23 Historical Summer Peak Demand								
2022 TYSP FPL Total		2022 TYSP Gulf Total		2022 TYSP FPL + Gulf		2023 TYSP FPL		Difference
2012	21,440	2012	2,351	2012	23,791	-	-	-
2013	21,576	2013	2,362	2013	23,938	2013	23,606	(332)
2014	22,935	2014	2,437	2014	25,372	2014	25,117	(255)
2015	22,959	2015	2,495	2015	25,454	2015	25,361	(93)
2016	23,858	2016	2,508	2016	26,366	2016	26,044	(322)
2017	23,373	2017	2,434	2017	25,807	2017	25,662	(145)
2018	23,217	2018	2,491	2018	25,708	2018	25,411	(297)
2019	24,241	2019	2,472	2019	26,713	2019	26,594	(119)
2020	24,499	2020	2,410	2020	26,909	2020	26,400	(509)
2021	24,042	2021	2,441	2021	26,483	2021	26,248	(235)

The sum of the historical summer peak totals for FPL and Gulf from the 2022 TYSP do not match the historical summer peak totals shown in FPL's 2023 TYSP due to load diversity.