



June 16, 2023

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

Re: 2023 Ten Year Site Plan – Staff’s Data Request #2

Dear Mr. Teitzman,

Pursuant to Section 186.801, Florida Statutes and Rules 25-22.070-072 of Florida Administrative Code, Lakeland Electric submits its responses to Staff’s Data Request #2 in relation to Lakeland Electric’s 2023 Ten Year Site Plan via the Commissions electronic platform.

If you have questions please contact me at 863-834-6595.

Sincerely,

/s/Cynthia Clemmons

Cynthia Clemmons
City of Lakeland
Manager of Legislative and Regulatory Relations
Lakeland Electric
863-834-6595 Work
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Enclosure

Please refer to filings regarding LAK’s Ten-Year Site Plans.

1. Referring to LAK’s 2023 Ten-Year Site Plan (TYSP), Schedules 2.1 and 2.2, please explain how LAK derived its forecasted “Average kWh Consumption Per Customer” for each of the Rural & Residential, Commercial and Industrial Classes.

Lakeland Electric uses MetrixND to assist with the development of LE’s forecast, utilizing ITRON’s Statistically Adjusted End-Use econometric modeling approach for the residential and commercial sectors. The sectoral energy sales forecasts were developed using multiple regression analyses of historical data on energy consumption, household income, population, gross regional product, Lakeland’s sectoral accounts and weather. Average energy forecast for each sector is determined with the sectoral energy forecasts and population data (which is also forecasted).

2. If Schedules 2.1 and 2.2 do not include the incremental impact of utility conservation programs on forecasted “GWh” or “Average kWh Consumption per Customer” for each of the Rural & Residential, Commercial, and Industrial Classes, please explain LAK’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.

Schedules 2.1 and 2.2 do not include Conservation forecasts. The total conservation in MW is estimated to be very minimal (i.e., 2 MW) with about 3,500 MWh of annual reduced energy for Lakeland. This reduction on energy due to energy conservation programs is less than 0.1% of total energy consumption. The impact of such exclusion will be minimal at this time.

3. Referring to LAK’s 2023 TYSP, Schedules 2.1, 2.2 and 2.3, please explain the reporting differences in the “Total No. of Customers” as shown in Table 1 below, and provide the necessary revisions, if any.

LAK Reported*							
Year	Schedule 2.1	Schedule 2.1	Schedule 2.2	Schedule 2.3	Schedule 2.3	Staff Calculated	Difference
	Rural & Residential	Commercial	Industrial	Other Customers	Total No. of Customers	Total No. of Customers	Total No. of Customers
	Average No. of Customers	Average No. of Customers	Average No. of Customers	Average No.			
	(1)	(2)	(3)	(4)			
2013	101968	11864	79	8,820	122,803	122,731	-72
2014	103099	12,022	77	8,860	124,019	124,058	39
2015	104,581	12,157	76	8,921	125,674	125,735	62
2016	105,932	12,225	74	8,966	127,152	127,197	45
2017	107,703	12,372	72	8,997	129,113	129,144	31
2018	109,043	12,543	74	9,051	130,658	130,711	53
2019	110,403	12,687	76	9,051	132,217	132,217	-
2020	112,175	12,889	75	9,182	134,320	134,321	1
2021	114,683	13,219	71	9,189	137,162	137,162	-
2022	116,907	13,452	76	9,200	139,635	139,635	-

*Source: LAK’s 2023 TYSP, Schedules 2.1 - 2.3: History and Forecast of Energy Consumption and Number of Customers By Class

Lakeland Response:

Schedule 2.3 - Other Customers nos. were reported wrong by mistake as nos. were off by one column in 2023 TYSP. 2020 nos. were reported wrong in 2023 TYSP reporting. Hence corrected. The following Table presents the correct nos. for 2023 TYSP reporting.

Table 1: Differences in LAK's Reported Total No. of Customers

LAK Reported*							
Year	Schedule 2.1	Schedule 2.1	Schedule 2.2	Schedule 2.3	Schedule 2.3	New Calculated	Difference
	Rural & Residential	Commercial	Industrial	Other Customers	Total No. of Customers	Total No. of Customers	Total No. of Customers
	Average No. of Customers	Average No. of Customers	Average No. of Customers	Average No.			
	(1)	(2)	(3)	(4)			
					(5)	(6)=(1)+(2)+(3)+(4)	(7) = (6) - (5)
2013	101968	11864	79	8,892	122,803	122,803	0
2014	103099	12,022	77	8,820	124,019	124,019	0
2015	104,581	12,157	76	8,860	125,674	125,674	0
2016	105,932	12,225	74	8,921	127,152	127,152	0
2017	107,703	12,372	72	8,966	129,113	129,113	0
2018	109,043	12,543	74	8,997	130,658	130,658	0
2019	110,403	12,687	76	9,051	132,217	132,217	0
2020	112,175	12,889	75	9,103	134,242	134,242	0
2021	114,683	13,219	71	9,189	137,162	137,162	0
2022	116,907	13,452	76	9,200	139,635	139,635	0

*Source: LAK's 2023 TYSP, Schedules 2.1 - 2.3: History and Forecast of Energy Consumption and Number of Customers By Class

4. Referring to LAK's 2022 and 2023 TYSPs, Schedules 2.3, please explain the reporting differences in the "Other Customers (Average No.)" as shown in Table 2 below, and provide the necessary revisions, if any.

Table 2: Differences in LAK's Reported Other Customers (Average No.)

Year	LAK's 2023 TYSP, Schedule 2.3	LAK's 2022 TYSP, Schedule 2.3	
	Other Customers (Average No.)	Other Customers (Average No.)	Difference
	(1)	(2)	(3) = (1) -(2)
2012		8,953	
2013	8,820	8,892	-72
2014	8,860	8,820	40
2015	8,921	8,860	62
2016	8,966	8,921	45
2017	8,997	8,966	31
2018	9,051	8,997	54
2019	9,051	9,051	-
2020	9,182	9,182	-
2021	9,189	9,189	-
2022	9,200		

Lakeland Response:

TYSP 2023 reported other customers' numbers on schedules 2.3 for other customers were off by one row and as a result, it did not match TYSP 2022 reported numbers. TYSP 2022 and 2023 reported nos. were not right for year 2020 on other customers. Here are the corrected TYSP 2022 and 2023 numbers for this Table.

Table 2: Differences in LAK's Reported Other Customers (Average No.)

Year	LAK's 2023 TYSP, Schedule 2.3	LAK's 2022 TYSP, Schedule 2.3	
	Other Customers (Average No.)	Other Customers (Average No.)	Difference
	(1)	(2)	(3) = (1) -(2)
2012		8,953	
2013	8,892	8,892	0
2014	8,820	8,820	0
2015	8,860	8,860	0
2016	8,921	8,921	0
2017	8,966	8,966	0
2018	8,997	8,997	0
2019	9,051	9,051	0
2020	9,103	9,103	0
2021	9,189	9,189	0
2022	9,200		