



July 3, 2023

Greg Davis
Florida Public Service Commission Engineering
Specialist, Division of Engineering
2540 Shumard Oak Blvd
Tallahassee, Florida 32399-0850

Subject: Orlando Utilities Commission Responses to Staff's Review of the 2023 Ten-Year Site Plan - Data Request # 3

Dear Mr. Davis,

Enclosed please find the Orlando Utilities Commission (OUC) responses to the subject Data Request #3, which are being submitted by nFront Consulting on behalf of OUC.

If you have any questions about these responses, please do not hesitate to contact me.

Respectfully submitted,

/s/ 

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- 1. Refer to OUC's 2023 TYSP Chapter 6.3.1 page 6-3 and Schedule 8. According to Chapter 6.3.1, Osceola Unit 1 will be commercial in November 2023 and Osceola Unit 3 will be commercial in November 2024. However, Schedule 8 shows both units commercial in service beginning June 2025. Please explain the discrepancy between the dates for each unit.**

OUC Response:

Osceola Units 1 and 3 are not able to provide power to OUC until completion of necessary transmission system upgrades on the OUC system. OUC currently anticipates that the necessary upgrades will be complete such that Osceola Units 1 and 3 will be able to provide power to OUC beginning in the summer of 2025, and the units are therefore shown in Schedule 8 with commercial in-service dates of June 2025. However, the units will technically be able to provide power prior to then if OUC can secure transmission rights from a third-party prior to OUC completing the necessary transmission system upgrades to be able to provide power from the units, which is the basis for the narrative throughout OUC's 2023 TYSP related to the anticipated dates by which Osceola Units 1 and 3 will be able to provide power to OUC (i.e., November 2023 for Unit 3 and November 2024 for Unit 1).

- 2. Please refer to OUC's 2023 TYSP, Schedule 2.3, column (6), Total Number of Consumers. It appears that OUC's total number of customers is anticipated to grow at an average annual rate of about 1.92 percent for the next 10-year period, compared to the 2.54 percent actual annual increase experienced during the 2013-2022 period. Please explain the major cause(s) for this projected reduction in the rate of growth of total number of customers.**

OUC Response:

Residential customers are forecast as a function of household growth for Orange County for the OUC service territory and Osceola County for the St. Cloud service territory. There is a strong correlation between historical changes in customer counts and historical changes in households.

General Service secondary customers are forecast as a function of population for Orange County for the OUC service territory and Osceola County for the St. Cloud service territory. There is a strong correlation between historical changes in customer counts and historical changes in the Orange County population. St. Cloud historical customers also correlates well with the Osceola County population.

The historic and projected number of households and population by county are provided by IHS Markit Ltd, OUC's economic and demographic assumptions provider and are shown in the table below. As indicated, the 2013-2022 household and population average annual growth rates are stronger across both counties than the 2023-2032 average annual growth rates. These differences in average annual growth rates are the major cause for the projected reduction in the rate of growth of total number of customers.

Year	Orange County (Thousands)		Osceola County (Thousands)	
	Households	Population	Households	Population
2013	453.0	1,240.7	100.9	301.6
2022	534.7	1,430.6	143.4	417.8
2023	540.6	1,442.7	148.7	432.6
2032	622.3	1,634.0	193.1	556.8
Average Annual Increase				
2013-2022	1.9%	1.6%	4.0%	3.7%
2023-2032	1.6%	1.4%	2.9%	2.8%