



---

June 8, 2020

Doug Wright, Donald Philips, and Damian Kistner  
Florida Public Service Commission  
2540 Shumard Oak Blvd  
Tallahassee, Florida 32399-0850

Subject: Orlando Utilities Commission (OUC) Responses to DN 20200000-OT - Review of the 2020  
Ten-Year Site Plans for Florida's Electric Utilities - Data Request #2

Dear Mr. Wright, Mr. Phillips, and Mr. Kistner

Enclosed please find the Orlando Utilities Commission (OUC)'s responses to the subject data request. If you have any questions about these responses, please do not hesitate to contact me.

Respectfully submitted,

/s/ 

Bradley Kushner  
Executive Consultant  
nFront Consulting LLC  
[BradKushner@nFrontConsulting.com](mailto:BradKushner@nFrontConsulting.com)  
(816) 547-1637

1. **Please refer to Orlando Utilities Commission’s (OUC) 2019 and 2020 Ten Year Site Plans (TYSP), page 12-4, Schedule 2-2 “History and Forecast of Energy Consumption and Number of Customers by Customer Class,” and provide reconciliation for “Total Sales to Ultimate Customers” reported in OUC’s 2019 and 2020 TYSPs shown below.**

	Schedule 2.2 Column (8)		Difference (GWH)
	Total Sales to Ultimate Customers (GWH)		
	Reported in 2019 TYSP	Reported in 2020 TYSP	
2010	6,030	6,132	102
2012	5,955	5,916	-39

OUC Response:

The subject data reported for 2010 and 2012 in the 2020 TYSP is correct. The data reported in Schedule 2.2, Column (8), is the aggregate of the data in Columns (2), (5), (6), and (7) of Schedule 2.2 and Columns (4) and (7) of Schedule 2.1. The 2010 and 2012 totals were not properly aggregated in the 2019 TYSP. This was corrected in the 2020 TYSP. Please note that the individual components of the aggregated data (i.e. Columns (2), (5), (6), and (7) of Schedule 2.2 and Columns (4) and (7) of Schedule 2.1) for 2010 and 2012 were not changed between the 2019 TYSP and the 2020 TYSP, only the aggregate of the components was corrected for the 2020 TYSP.

2. **Please respond to the following questions based on OUC’s best information available:**

- a. **Referring to Schedules 2.1 and 2.2, please discuss how the Company’s Forecast of Energy Consumption (GWH) of each customer class (Residential, Commercial and Industrial) would be expected to change (i.e. increase, decrease, and to what degree, in general terms) if updated to reflect the impacts of the COVID-19 Pandemic for 2020.**

OUC’s Response:

To account for the impacts of the COVID-19 Pandemic, OUC has rerun its forecasts with the following adjustments to its forecasts that were used in OUC’s 2020 TYSP:

- Utilized IHS Markit’s April 2020 economic and demographic projections
  - The Orange County and Osceola County population variables, provided by IHS Markit, that were used to forecast commercial customers for OUC’s 2020 TYSP were switched to IHS Markit’s Orlando SMSA employment projections which resulted in more reasonable estimates and immaterially affected the historical fit
- Adjusted the timing and/or loads associated with a portion of the planned large commercial expansions outside of normal growth in accordance with recent announcements of delays

As a result of these adjustments the 10-year average annual growth rate for the ten-year forecast period ending 2029 would decrease from 1.7% to 1.6% for residential class energy consumption, increase from 1.4% to 1.7% for commercial class energy consumption, and decrease from 1.6% to 1.4% for industrial class energy consumption. These adjustments are reflected below. OUC will continue to monitor the impacts of the COVID-19 Pandemic and adjust its forecasts accordingly as more is known.

**Early Estimate Schedule 2.1  
 History and Forecast of Energy Consumption and  
 Number of Customers by Customer Class**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Rural & Residential						Commercial		
Forecast:	Members per		GWH	Average Number of Customers	Average KWH Consumption Per Customer	GWH	Average Number of Customers	Average KWH Consumption Per Customer
	Population	Household						
2020	626,800	2.84	2,535	221,101	11,465	450	25,388	17,743
2021	638,874	2.85	2,569	225,114	11,411	463	25,684	18,040
2022	648,953	2.84	2,600	229,368	11,336	478	26,554	18,003
2023	659,668	2.83	2,633	233,529	11,277	488	27,202	17,957
2024	671,095	2.83	2,668	237,548	11,231	492	27,454	17,938
2025	682,695	2.83	2,707	241,528	11,209	496	27,653	17,953
2026	693,768	2.83	2,751	245,622	11,198	502	27,914	17,969
2027	704,652	2.83	2,801	249,764	11,214	509	28,234	18,024
2028	715,710	2.83	2,858	253,901	11,257	515	28,529	18,060
2029	726,820	2.82	2,921	257,989	11,321	523	28,883	18,096

Notes:  
 Represents the sum of OUC and St. Cloud

**Early Estimate Schedule 2.2  
 History and Forecast of Energy Consumption and  
 Number of Customers by Customer Class**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
		Industrial			Railroads and Railways	Street and Highway Lighting	Other Sales to Public Utilities	Total Sales to Ultimate Consumers
		Average Number of Customers	Average KWH Consumption Per Customer			GWH	GWH	GWH
		GWH	Customers	Per Customer	GWH	GWH	GWH	GWH
<b>Forecast:</b>								
2020	3,429	5,252	652,873	0	62	143	6,619	
2021	3,486	5,310	656,478	0	62	156	6,736	
2022	3,591	5,482	655,077	0	63	216	6,948	
2023	3,661	5,607	652,859	0	64	245	7,091	
2024	3,691	5,647	653,598	0	64	246	7,161	
2025	3,717	5,676	654,891	0	65	247	7,233	
2026	3,752	5,717	656,266	0	66	249	7,319	
2027	3,796	5,772	657,658	0	66	250	7,421	
2028	3,837	5,822	659,091	0	67	252	7,529	
2029	3,885	5,883	660,331	0	68	253	7,649	

Notes:

Represents the sum of OUC and St. Cloud

- b. Referring to Schedule 2.2, please discuss how the Total Sales to Ultimate Customers (GWH) would be expected to change (i.e. increase, decrease, and to what degree, in general terms) if updated to reflect the impacts of the COVID-19 Pandemic for 2020 through 2022.**

OUC’s Response:

As discussed in question 2a above OUC has made adjustments to its forecast used in its 2020 TYSP. The adjustments would lower the average annual growth rate in Total Sales to Ultimate Customers (GWH) from 1.7% to 1.6% for the ten-year forecast period ending 2029. Please see OUC’s response to question 2.a. above for additional details.