



Dianne M. Triplett
DEPUTY GENERAL COUNSEL

May 18, 2020

VIA ELECTRONIC FILING

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

Re: *2020 TYSP Supplemental Data Request; Undocketed*

Dear Mr. Teitzman:

Please find enclosed for electronic filing on behalf of Duke Energy Florida, LLC (DEF), DEF's updated Schedules 5, 6.1, and 6.2 to the original schedules provided in DEF's Response to Staff's Data Request (Nos. 1-2) on April 1, 2020. The update is to the column titled "Actual 2019".

Thank you for your assistance in this matter. Please feel free to call me at (727) 820-5041 should you have any questions concerning this matter.

Respectfully,

/s/ Dianne M. Triplett

Dianne M. Triplett

DMT/cmK
Enclosures

cc: Doug Wright and Donald Phillips, Division of Engineering, FPSC

DUKE ENERGY FLORIDA

**SCHEDULE 5
FUEL REQUIREMENTS**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				-ACTUAL-											
<u>FUEL REQUIREMENTS</u>			<u>UNITS</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>
(1)	NUCLEAR		TRILLION BTU	0	0	0	0	0	0	0	0	0	0	0	0
(2)	COAL		1,000 TON	3,746	1,976	1,735	1,782	1,701	1,455	1,329	1,523	1,525	1,583	1,796	1,803
(3)	RESIDUAL	TOTAL	1,000 BBL	0	0	0	0	0	0	0	0	0	0	0	0
(4)		STEAM	1,000 BBL	0	0	0	0	0	0	0	0	0	0	0	0
(5)		CC	1,000 BBL	0	0	0	0	0	0	0	0	0	0	0	0
(6)		CT	1,000 BBL	0	0	0	0	0	0	0	0	0	0	0	0
(7)		DIESEL	1,000 BBL	0	0	0	0	0	0	0	0	0	0	0	0
(8)	DISTILLATE	TOTAL	1,000 BBL	198	121	66	73	53	41	133	110	133	169	242	193
(9)		STEAM	1,000 BBL	55	42	19	19	19	24	24	26	28	26	20	24
(10)		CC	1,000 BBL	0	0	0	0	0	0	0	0	0	0	0	0
(11)		CT	1,000 BBL	143	80	46	54	34	17	109	84	105	143	222	169
(12)		DIESEL	1,000 BBL	0	0	0	0	0	0	0	0	0	0	0	0
(13)	NATURAL GAS	TOTAL	1,000 MCF	222,083	262,546	233,860	235,307	235,624	232,804	244,581	241,656	243,558	250,990	251,574	251,051
(14)		STEAM	1,000 MCF	29,207	25,020	8,141	9,551	10,207	10,041	10,365	11,757	12,232	12,539	13,610	12,703
(15)		CC	1,000 MCF	184,419	226,506	220,983	221,465	220,928	218,842	227,711	224,566	224,929	227,109	226,859	227,467
(16)		CT	1,000 MCF	8,456	11,020	4,736	4,291	4,489	3,921	6,506	5,334	6,398	11,342	11,105	10,881
OTHER (SPECIFY)															
(17)	OTHER, DISTILLATE	ANNUAL FIRM INTERCHANGE	1,000 BBL	N/A	N/A	0	0	0	0	0	0	0	0	0	0
(18)	OTHER, NATURAL GAS	ANNUAL FIRM INTERCHANGE, CC	1,000 MCF	N/A	N/A	6,766	1,044	0	0	0	0	0	0	0	0
(18.1)	OTHER, NATURAL GAS	ANNUAL FIRM INTERCHANGE, CT	1,000 MCF	N/A	N/A	12,025	14,614	14,055	16,965	12,096	12,717	11,799	2,470	0	0
(19)	OTHER, COAL	ANNUAL FIRM INTERCHANGE, STEAM	1,000 TON	N/A	N/A	0	0	0	0	0	0	0	0	0	0

DUKE ENERGY FLORIDA

SCHEDULE 6.1
ENERGY SOURCES (GWh)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				-ACTUAL-											
<u>ENERGY SOURCES</u>			<u>UNITS</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>
(1)	ANNUAL FIRM INTERCHANGE 1/		GWh	2,244	1,277	1,170	1,425	1,367	1,648	1,176	1,234	1,146	249	39	34
(2)	NUCLEAR		GWh	0	0	0	0	0	0	0	0	0	0	0	0
(3)	COAL		GWh	8,422	4,322	3,661	3,763	3,522	2,985	2,735	2,963	2,952	3,099	3,551	3,540
(4)	RESIDUAL	TOTAL	GWh	0	0	0	0	0	0	0	0	0	0	0	0
(5)		STEAM	GWh	0	0	0	0	0	0	0	0	0	0	0	0
(6)		CC	GWh	0	0	0	0	0	0	0	0	0	0	0	0
(7)		CT	GWh	0	0	0	0	0	0	0	0	0	0	0	0
(8)		DIESEL	GWh	0	0	0	0	0	0	0	0	0	0	0	0
(9)	DISTILLATE	TOTAL	GWh	90	33	17	20	13	6	41	32	39	55	86	65
(10)		STEAM	GWh	30	0	0	0	0	0	0	0	0	0	0	0
(11)		CC	GWh	0	0	0	0	0	0	0	0	0	0	0	0
(12)		CT	GWh	61	33	17	20	13	6	41	32	39	55	86	65
(13)		DIESEL	GWh	0	0	0	0	0	0	0	0	0	0	0	0
(14)	NATURAL GAS	TOTAL	GWh	28,687	35,170	34,078	34,189	34,109	33,770	35,311	34,780	34,955	35,684	35,587	35,671
(15)		STEAM	GWh	2,714	2,278	627	735	782	767	801	912	957	984	1,073	995
(16)		CC	GWh	25,360	31,992	32,997	33,028	32,875	32,603	33,910	33,363	33,403	33,686	33,588	33,733
(17)		CT	GWh	612	900	454	425	452	400	600	505	595	1,014	926	942
(18)	OTHER 2/														
	QF PURCHASES		GWh	1,826	1,803	1,994	1,999	2,003	2,003	822	497	2	2	2	2
	RENEWABLES OTHER		GWh	0	0	0	0	0	0	0	0	0	0	0	0
	RENEWABLES MSW		GWh	845	670	946	941	956	956	956	949	949	949	952	949
	RENEWABLES BIOMASS		GWh	399	15	0	0	0	0	0	0	0	0	0	0
	RENEWABLES SOLAR		GWh	26	222	835	1,460	2,620	3,167	3,840	4,266	4,912	5,231	5,562	5,862
	IMPORT FROM OUT OF STATE		GWh	1,685	1,290	943	142	0	0	0	0	0	0	0	0
	EXPORT TO OUT OF STATE		GWh	0	0	0	0	0	0	0	0	0	0	0	0
(19)	NET ENERGY FOR LOAD		GWh	44,224	44,801	43,645	43,939	44,591	44,536	44,880	44,721	44,955	45,268	45,778	46,124

1/ NET ENERGY PURCHASED (+) OR SOLD (-) WITHIN THE FRCC REGION.

2/ NET ENERGY PURCHASED (+) OR SOLD (-).

DUKE ENERGY FLORIDA

SCHEDULE 6.2

ENERGY SOURCES (PERCENT)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
-ACTUAL-															
	<u>ENERGY SOURCES</u>	<u>UNITS</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	
(1)	ANNUAL FIRM INTERCHANGE 1/	%	5.1%	2.9%	2.7%	3.2%	3.1%	3.7%	2.6%	2.8%	2.5%	0.5%	0.1%	0.1%	
(2)	NUCLEAR	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
(3)	COAL	%	19.0%	9.6%	8.4%	8.6%	7.9%	6.7%	6.1%	6.6%	6.6%	6.8%	7.8%	7.7%	
(4)	RESIDUAL	TOTAL	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
(5)		STEAM	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
(6)		CC	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
(7)		CT	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
(8)		DIESEL	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
(9)	DISTILLATE	TOTAL	%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.2%	0.1%	
(10)		STEAM	%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
(11)		CC	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
(12)		CT	%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.2%	0.1%	
(13)		DIESEL	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
(14)	NATURAL GAS	TOTAL	%	64.9%	78.5%	78.1%	77.8%	76.5%	78.7%	77.8%	77.8%	78.8%	77.7%	77.3%	
(15)		STEAM	%	6.1%	5.1%	1.4%	1.7%	1.8%	1.8%	2.0%	2.1%	2.2%	2.3%	2.2%	
(16)		CC	%	57.3%	71.4%	75.6%	75.2%	73.7%	75.6%	74.6%	74.3%	74.4%	73.4%	73.1%	
(17)		CT	%	1.4%	2.0%	1.0%	1.0%	1.0%	1.3%	1.1%	1.3%	2.2%	2.0%	2.0%	
(18)	OTHER 2/														
	QF PURCHASES	%	4.1%	4.0%	4.6%	4.5%	4.5%	4.5%	1.8%	1.1%	0.0%	0.0%	0.0%	0.0%	
	RENEWABLES OTHER	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	RENEWABLES MSW	%	1.9%	1.5%	2.2%	2.1%	2.1%	2.1%	2.1%	2.1%	2.1%	2.1%	2.1%	2.1%	
	RENEWABLES BIOMASS	%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	RENEWABLES SOLAR	%	0.1%	0.5%	1.9%	3.3%	5.9%	7.1%	8.6%	9.5%	10.9%	11.6%	12.1%	12.7%	
	IMPORT FROM OUT OF STATE	%	3.8%	2.9%	2.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	EXPORT TO OUT OF STATE	%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
(19)	NET ENERGY FOR LOAD	%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

1/ NET ENERGY PURCHASED (+) OR SOLD (-) WITHIN THE FRCC REGION.

2/ NET ENERGY PURCHASED (+) OR SOLD (-).