

Dianne M. Triplett DEPUTY GENERAL COUNSEL

September 16, 2022

VIA ELECTRONIC FILING

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

Re: Petition for limited proceeding to implement return on equity trigger provision of 2021 settlement agreement, by Duke Energy Florida, LLC: Docket No. 20220143-EI

Dear Mr. Teitzman:

Please find attached Duke Energy Florida, LLC's ("DEF"), response to Staff's Second Data Request for the above reference docket.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

s/Dianne M. Triplett

Dianne M. Triplett

DMT/vr Attachments

CERTIFICATE OF SERVICE Docket No. 20220143

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic mail this 16th day of September, 2022, to the following:

> /s/ Dianne M. Triplett____ Attorney

Office of Public Counsel
Richard Gentry/Charles J. Rehwinkel
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DUKE ENERGY FLORIDA, LLC'S RESPONSE TO STAFF'S SECOND DATA REQUEST REGARDING DEF'S PETITION FOR A LIMITED PROCEEDING TO IMPLEMENT RETURN ON EQUITY TRIGGER <u>PROVISION OF 2021 SETTLEMENT AGREEMENT</u>

Docket No. 20220143-EI

1. Please refer to DEF's response to Staff's First Data Request, No. 7.b. Excel attachment titled, "Q7b Calculation of CDD and HDD". Please provide DEF's CDD and HDD allocation methodology that was applied to the three selected weather stations (Orlando International Airport, Tallahassee Regional Airport, and St. Petersburg International Airport) that were, in turn, used to produce DEF's Actual Monthly CDD and Actual Monthly HDD as seen below.

Jun-21 Jul-21 Aug-21 Sep-21	ACT	UAL	ITRON N	L FROM MODEL	WEAT	HER
Jul-21 Aug-21 Sep-21	Monthly CDD	Monthly HDD	CDD	HDD	CDD	HDD
Aug-21 Sep-21	471.26	-	463.46	0	7.80	-
Sep-21	529.75	_	514.17	0	15.58	-
	552.63	-	517.27	0	35.36	-
0 1 04	462.37	-	455.47	0	6.90	-
Oct-21	386.59		308.63	5.26	77.96	(5.26
Nov-21	75.56	56.16	114.45	47.94	(38.89)	8.22
Dec-21	121.82	27.91	62.16	135.31	59.66	(107.40
Jan-22	27.34	196.91	35.17	192.16	(7.83)	4.75
Feb-22	79.53	85.54	53.34	115.75	26.19	(30.21
Mar-22	186.10	14.71	112.1	57.25	74.00	(42.54
Apr-22	257.79	3.75	212.32	8.01	45.47	(4.26
May-22	421.85		376.67	0.35	45.18	(0.35

Response:

The weather station weights applied to each of the three weather stations to derive a weighted average of CDD and HDD for weather normalization are as follows. The weights are fixed over time for each weather station, vary across weather stations, and were determined based on the allocation of load at the operating centers across the service area, and the proximity of the load to each weather station.

MCO	Orlando Fl	orida Inter	rnational A	irport					
TLH	Tallahasse	e Florida II	nternation	al Airport					
TPAPIE	Saint Pete	sburg / Cl	earwater: S	St Pete-CL	WTR Flori	da Interna	tional Airp	ort	
Weathe	er Splines for e	each of the	e three wea	ather stati	ons are w	eighted by	Load distr	ibution acro	oss DEF terri
1	er Splines for e	1	1			eighted by	Load distr	ibution acro	oss DEF territ
1	i I	e Descript	1	ather Stat	ion			ibution acro	
Weathe	i I	Descript ORLANE	tion of Wea	ather Stat DO INTERI	ion NATIONAL	AIRPORT	(12815)	ibution acro	Weighting

AFFIDAVIT

STATE OF TEXAS

COUNTY OF FORT BEND

I hereby certify that on this ______ day of ______, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared JOSEPH PHALEN, who is personally known to me or provided ______ as identification, and he acknowledged before me that he provided the answer to data request numbers 1, from STAFF'S FIRST SECOND REQUEST TO DUKE ENERGY FLORIDA, LLC D/B/A DUKE ENERGY in Docket No. 20220143-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this _____ day of _____, 2022.

Joseph Phalen

Notary Public State of Texas

My Commission Expires: