Matthew R. Bernier
Associate General Counsel

April 1, 2022

VIA ELECTRONIC FILING

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

Re: *Storm Protection Plan Cost Recovery Clause;* Docket No. 20220010-EI

Dear Mr. Teitzman:

On behalf of Duke Energy Florida, LLC ("DEF"), please find enclosed for electronic filing in the above-referenced docket:

- DEF's Petition for Approval of Storm Protection Plan Cost Recovery Clause Final True-Up for the Period of January 2021 through December 2021;
- Direct Testimony of Christopher A. Menendez with Exhibit No. ___ (CAM-1);
- Direct Testimony of Brian Lloyd; and
- Direct Testimony of Robert Brong.

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/ Matthew R. Bernier
Matthew R. Bernier

MRB/mw
Enclosures

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Storm Protection Plan Cost Recovery Clause	Docket No. 20220010-EI Filed: April 1, 2022

DUKE ENERGY FLORIDA'S PETITION FOR APPROVAL OF STORM PROTECTION PLAN COST RECOVERY CLAUSE FINAL TRUE-UP FOR THE PERIOD JANUARY 2021 - DECEMBER 2021

Duke Energy Florida, LLC ("DEF" or "the Company"), hereby petitions for approval of DEF's final end-of-the period Storm Protection Plan Cost Recovery Clause ("SPPCRC") True-Up amount of an over-recovery of $3,437,665, and an over-recovery of $2,471,013 as the adjusted net true-up for the period January 2021 through December 2021. In support of this Petition, DEF states:

1. The actual end-of-period SPPCRC true-up over-recovery amount of $3,437,665 for the period January 2021 through December 2021 was calculated in accordance with the methodology set forth in Form 2A of Exhibit No. __ (CAM-1) accompanying the direct testimony of DEF witness Christopher A. Menendez, which is being filed together with this Petition and incorporated herein. Additional cost information for specific SPPCRC programs for the period January 2021 through December 2021 are presented in the direct testimonies of Brian Lloyd and Robert Brong filed with this Petition and incorporated herein.

2. In Order No. PSC-2021-0324-FOF-EI, the Commission approved an over-recovery of $966,652 as the actual/estimated SPPCRC true-up for the period January 2021 through December 2021.

3. As reflected on Form 1A, Line 6, of Exhibit No. __ (CAM-1) to Mr. Menendez's testimony, the adjusted net true-up for the period January 2021 through December 2021 is an over-

recovery of $2,471,013, which is the difference between the actual true-up over-recovery of $3,437,665 and the actual/estimate true-up over-recovery of $966,652.

WHEREFORE, DEF respectfully requests that the Commission approve the Company's final 2021 end-of-period Storm Protection Plan Cost Recovery True-Up amount of an over-recovery amount of $3,437,665, and an over-recovery of $2,471,013 as the adjusted net true-up for the period January 2021 through December 2021.

RESPECTFULLY SUBMITTED this 1st day of April 2022.

s/ Matthew R. Bernier
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Attorneys for Duke Energy Florida, LLC

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 1st day of April, 2021.

s/Matthew R. Bernier
Attorney

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE PURSUANT TO RULE 25-6.031, F.A.C., DUKE ENERGY FLORIDA, LLC

DOCKET NO. 20220010-EI
DIRECT TESTIMONY OF CHRISTOPHER A MENENDEZ
APRIL 1, 2022

Q. Please state your name and business address.

A. My name is Christopher A. Menendez. My business address is Duke Energy Florida, LLC, 299 1st Avenue North, St. Petersburg, Florida 33701.

Q. By whom are you employed and what is your position?

A. I am employed by Duke Energy Florida, LLC ("DEF" or the "Company") as Director of Rates and Regulatory Planning.

Q. Please describe your duties and responsibilities in that position.

A. I am responsible for the Company's regulatory planning and cost recovery, including the Company's Storm Protection Plan Cost Recovery Clause ("SPPCRC") filing.

Q. Please describe your educational background and professional experience.

A. I joined the Company on April 7, 2008. Since joining the company, I have held various positions in the Florida Planning & Strategy group, DEF Fossil Hydro Operations Finance and DEF Rates and Regulatory Strategy. I was promoted to my current position

in April 2021. Prior to working at DEF, I was the Manager of Inventory Accounting and Control for North American Operations at Cott Beverages. I received a Bachelor of Science degree in Accounting from the University of South Florida, and I am a Certified Public Accountant in the State of Florida.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present, for Commission review and approval, DEF's actual true-up costs for the period January 2021 through December 2021 associated with DEF's Storm Protection Plan ("SPP") and recovered through the SPPCRC.

Q. Have you prepared, or caused to be prepared under your direction, supervision, or control, exhibits in this proceeding?

A. Yes. I am sponsoring Exhibit No. __ (CAM-1) attached to my direct testimony. This exhibit is true and accurate to the best of my knowledge and belief. Portions of that exhibit are being co-sponsored by Witnesses Robert E. Brong and Brian M. Lloyd (as identified in their respective testimonies).

Q. What is the source of the data that you will present in testimony and exhibits in this proceeding?

A. The actual data is taken from the books and records of DEF. The books and records are kept in the regular course of DEF's business in accordance with generally accepted accounting principles and practices, provisions of the Uniform System of Accounts as

prescribed by the Federal Energy Regulatory Commission, and any accounting rules and orders established by this Commission. The Company relies on the information included in this testimony and exhibits in the conduct of its affairs.

Q. What is the final true-up amount DEF is requesting for the period January 2021 - December 2021?

A. DEF requests approval of an actual over-recovery amount of $3,437,665 for the year ending December 31, 2021. This amount is shown on Form 1A, Line 4.

Q. What is the net true-up amount DEF is requesting for the period January 2021 - December 2021 to be applied in the calculation of the SPPCRC factors to be refunded/recovered in the next projection period?

A. DEF requests approval of an adjusted net true-up over-recovery amount of $2,471,013 for the period January 2021 - December 2021, as reflected on Form 1A, Line 6. This amount is the difference between an actual over-recovery amount of $3,437,665 and an actual/estimated over-recovery of $966,652 for the period January 2021 - December 2021, as approved in Order PSC-2021-0324-FOF-EI.

Q. How did actual O&M expenditures for January 2021 - December 2021 compare with DEF's actual/estimated projections as presented in previous testimony and exhibits?

A. Form 4A shows a total O&M Program variance of $343,962 or 7.6% higher than projected. Individual O&M project amounts are shown on Form 5A-Projects.

Explanations associated with material variances for Distribution and Transmission costs are contained in the direct testimonies of witnesses Lloyd and Brong, respectively. The $459K variance in SPP Implementation costs, shown on Form 4A, Line 4, was due to the costs incurred in 2021 in preparation for the 2022 SPP filing to be made in April 2022, which were not estimated at the time of DEF's 2021 Estimated/Actual filed in May 2021.

Q. How did actual capital recoverable expenditures for January 2021 - December 2021 compare with DEF's estimated/actual projections as presented in previous testimony and exhibits?

A. Form 6A shows a total capital investment recoverable Program cost variance of $2,530,928 or 54.5% lower than projected. Individual project costs are on Form 7A-Projects. Return on capital investment, depreciation and property taxes for each project for the period are provided on Form 7A-Details. Explanations associated with material variances for Distribution and Transmission costs are contained in the direct testimonies of witnesses Lloyd and Brong, respectively.

Q. Is DEF's accounting treatment for the 2021 SPP activities and costs that are associated with the Structure Hardening – Transmission System Program Wood to Non-Wood Pole Upgrade consistent with the 2020 SPP/SPPCRC Agreement ?

A. Yes. The $64.5M of capital costs and $1.4M of associated O&M presented in the SPPCRC filing are not all incremental expenses - approximately 54%, of the costs for this activity were assumed to be recovered through base rates in 2021 consistent with

the 2020 SPP/SPPCRC Agreement, paragraph 3(c). DEF has included an adjustment in the 2021 SPPCRC to remove the revenue requirements associated with $34.8 million of pole replacement capital costs and 54%, or $770K, of the associated O&M costs; these adjustments can be seen on Form 7A-Detail Line 1c and Form 4A Line 2a, respectively.

Q. What capital structure, components and cost rates did DEF rely on to calculate the revenue requirement rate of return for the period January 2021 through December 2021?

A. DEF used the capital structure and cost rates consistent with the language in Order No. PSC-2020-0165-PAA-EU. The capital structure, components and cost rates relied on to calculate the revenue requirement rate of return for the period January 2021 through December 2021 are shown on Form 9A in Exhibit No. __ (CAM-1). This form includes the derivation of debt and equity components used in the Return on Average Net Investment, lines 7 (a) and (b), on Form 7A-Detail. Form 9A also cites the source and includes the rationale for using the particular capital structure and cost rates.

Q. Does that conclude your testimony?

A. Yes.

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Actual True-Up
Current Period: January through December 2021
(in Dollars)

Docket No. 20220010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. __ (CAM-1)
Form 1A

Line		Period Amount
1. Actual Over/(Under) Recovery for the Current Period (Form 2A, Line 5)	$	3,436,236
2. Interest Provision (Form 2A, Line 6)	$	1,429
3. Sum of Prior Period Adjustments (Form 2A, Line 10)	$	-
4. End of Period Actual True-up for the Period January 2021 to December 2021 (Lines 1 +2 +3)	$	3,437,665
5. Actual / Estimated Over/(Under) Recovery for the Current Period January 2021 - December 2021 Filed (Docket No. 20210010-EI)	$	966,652
6. Final True-up Amount to be Refunded / (Recovered) in the Projection Period January 2023 - December 2023 (Lines 4 - 5)	$	2,471,013

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Actual True-Up
Current Period: January through December 2021

Calculation of True-Up Amount
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1. Clause Revenues (net of Revenue Taxes)	$ 732,742	$ 693,930	$ 720,450	$ 735,384	$ 802,538	$ 951,022	$ 975,980	$ 971,923	$ 1,075,610	$ 956,435	$ 664,072	$ 782,673	$ 10,062,758
2. True-Up Provision	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Clause Revenues Applicable to Period (Lines 1 + 2)	732,742	693,930	720,450	735,384	802,538	951,022	975,980	971,923	1,075,610	956,435	664,072	782,673	10,062,758
4. Jurisdictional Rev. Req. (Form 5A and Form 7A)													
a. Overhead Hardening Distribution	679,074	116,193	153,632	236,804	253,386	319,310	284,147	258,670	1,879,113	(159,442)	188,728	560,199	4,769,813
b. Overhead Hardening Transmission	425,630	34,666	49,804	40,206	37,235	63,958	105,090	203,748	125,231	171,705	179,716	419,722	1,856,710
c. Undergrounding	0	0	0	0	0	0	0	0	0	0	0	0	0
d. Vegetation Management	0	0	0	0	0	0	0	0	0	0	0	0	0
e. Legal, Accounting, and Administrative (O&M only)	0	0	0	0	0	0	0	0	0	0	0	0	0
f. Total Jurisdictional Revenue Requirements	1,104,703	150,859	203,436	277,009	290,620	383,268	389,237	462,418	2,004,343	12,263	368,444	979,920	6,626,523
5. Over/(Under) Recovery (Line 3 - Line 4f)	(371,962)	543,071	517,014	458,374	511,918	567,754	586,742	509,505	(928,733)	944,171	295,628	(197,248)	3,436,236
6. Interest Provision (Form 3A Line 10)	(17)	(9)	34	73	70	97	151	153	143	172	279	283	1,429
7. Beginning Balance True-Up & Interest Provision	0	(371,979)	171,083	688,131	1,146,578	1,658,567	2,226,418	2,813,311	3,322,969	2,394,379	3,338,722	3,634,629	0
a. Deferred True-Up from January to December 2020	0	0	0	0	0	0	0	0	0	0	0	0	0
8. True-Up Collected/(Refunded) (see Line 2)	0	0	0	0	0	0	0	0	0	0	0	0	0
9. End of Period Total True-Up (Lines 5+6+7+8)	(371,979)	171,083	688,131	1,146,578	1,658,567	2,226,418	2,813,311	3,322,969	2,394,379	3,338,722	3,634,629	3,437,665	3,437,665
10. Adjustment to Period True-Up Including Interest	0	0	0	0	0	0	0	0	0	0	0	0	0
11. End of Period Total True-Up (Lines 9 + 10)	$ (371,979)	$ 171,083	$ 688,131	$ 1,146,578	$ 1,658,567	$ 2,226,418	$ 2,813,311	$ 3,322,969	$ 2,394,379	$ 3,338,722	$ 3,634,629	$ 3,437,665	$ 3,437,665

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Actual True-Up
Current Period: January through December 2021

Calculation of Interest Provision for True-Up Amount
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual Apr l	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1. Beginning True-Up Amount (Form 2A, Line 7+7a+10)	$ -	$ (371,979)	$ 171,083	$ 688,131	$ 1,146,578	$ 1,658,567	$ 2,226,418	$ 2,813,311	$ 3,322,969	$ 2,394,379	$ 3,338,722	$ 3,634,629	
2. Ending True-Up Amount Before Interest	(371,962)	171,092	688,097	1,146,505	1,658,496	2,226,321	2,813,160	3,322,816	2,394,236	3,338,550	3,634,350	3,437,381	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	(371,962)	(200,887)	859,180	1,834,636	2,805,074	3,884,888	5,039,578	6,136,127	5,717,205	5,732,929	6,973,072	7,072,010	
4. Average True-Up Amount (Line 3 x 1/2)	(185,981)	(100,444)	429,590	917,318	1,402,537	1,942,444	2,519,789	3,068,064	2,858,603	2,866,465	3,486,536	3,536,005	
5. Interest Rate (First Day of Reporting Business Month)	0.10%	0.12%	0.09%	0.11%	0.07%	0.04%	0.08%	0.06%	0.06%	0.07%	0.08%	0.11%	
6. Interest Rate (First Day of Subsequent Business Month)	0.12%	0.09%	0.11%	0.07%	0.04%	0.08%	0.06%	0.06%	0.07%	0.08%	0.11%	0.08%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.22%	0.21%	0.20%	0.18%	0.11%	0.12%	0.14%	0.12%	0.13%	0.15%	0.19%	0.19%	
8. Average Interest Rate (Line 7 x 1/2)	0.110%	0.105%	0.100%	0.090%	0.055%	0.060%	0.070%	0.060%	0.065%	0.075%	0.095%	0.095%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.009%	0.009%	0.008%	0.008%	0.005%	0.005%	0.006%	0.005%	0.005%	0.006%	0.008%	0.008%	
10. Interest Provision for the Month (Line 4 x Line 9)	$ (17)	$ (9)	$ 34	$ 73	$ 70	$ 97	$ 151	$ 153	$ 143	$ 172	$ 279	$ 283	$ 1,429

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Actual True-Up
Current Period January through December 2021

Variance Report of Annual O&M Costs by Program (System)
(In Dollars)

Line		(1) Actual	(2) Estimated Actual	(3) Variance Amount	(4) Variance Percent
1	Overhead Hardening O&M Programs - Distribution				
	1.1 Feeder Hardening - Distribution	$ 2,515,911	2,400,532	$ 115,379	4.8%
1a	Adjustments	-	-	-	0.0%
1T	Subtotal of Overhead Hardening O&M Programs - Distribution	$ 2,515,911	$ 2,400,532	$ 115,379	4.8%
2	Overhead Hardening O&M Programs - Transmission				
	2.1 Structure Hardening - Trans - Pole Replacements	$ 1,427,733	$ 1,346,516	$ 81,217	6.0%
	2.2 Structure Hardening - Trans - Tower Replacements	$ -	$ 20,296	$ (20,296)	-100.0%
	2.3 Structure Hardening - Trans - Cathodic Protection	$ -	$ 212,864	$ (212,864)	-100.0%
	2.4 Structure Hardening - Trans - Tower Drone Inspections	$ 116,187	$ 110,334	$ -	0.0%
			$ -		
2a	Adjustments (Base Pole O&M)	$ (770,042)	$ (686,009)	(84,033)	-12.2%
2T	Subtotal of Overhead O&M Programs - Transmission	$ 773,878	$ 1,004,001	$ (230,123)	-22.9%
3	Vegetation Management O&M Programs				
	3.1 Vegetation Management - Distribution	$ -	$ -	$ -	0.0%
	3.2 Vegetation Management - Transmission	$ -	$ -	-	0.0%
3T	Subtotal of Vegetation Management O&M Programs	-	-	-	0.0%
4	SPP Implementation Costs	$ 1,571,093	$ 1,112,387	$ 458,706	41.2%
5	Legal, Accounting, and Administrative O&M	$ -	$ -	$ -	0.0%
6	Total of O&M Programs	$ 4,860,882	$ 4,516,920	$ 343,962	7.6%
7	Allocation of Costs to Energy and Demand				
	a. Energy	$ -	$ -	$ -	0.0%
	b. Demand	$ 4,860,882	$ 4,516,920	$ 343,962	7.6%

Notes

(Note 1) - This amount includes recovery of the 2020 SPP Development Plan costs as approved by PSC-2020-0410-AS-EI and costs incurred in 2021 for DEF's 2022 SPP Development Plan filing to be made on April 11, 2022.

Column (1) is the End of Period Totals on SPPCRC Form 5A

Column (2) is the amount shown on Form 4E in Exhibit No. (CAM-1) in Docket No. 20210010-EI.

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Actual True-Up
Current Period: January through December 2021

Docket No. 20220010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. __ (CAM-1)
Form 5A

Calculation of Annual Revenue Requirements for O&M Programs
(in Dollars)

Line	O&M Activities	T/D	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Overhead: Distribution														
	1.1 Feeder Hardening - Distribution	D	$ 48,107	$ 98,292	$ 123,509	$ 180,027	$ 163,038	$ 198,714	$ 130,151	$ 93,442	$ 1,722,380	$ (335,143)	$ 2,683	$ 90,712	$ 2,515,911
1.a	Adjustments														0
1.b	Subtotal of Overhead O&M Programs - Distribution		48,107	98,292	123,509	180,027	163,038	198,714	130,151	93,442	1,722,380	(335,143)	2,683	90,712	2,515,911
2	Overhead: Transmission														
	2.1 Structure Hardening - Trans - Pole Replacements	T	$ 30,312	$ 90,575	$ 110,415	$ 53,477	$ 25,872	$ 75,040	$ 157,830	$ 181,434	$ 113,874	$ 191,753	$ 140,435	$ 256,718	$ 1,427,733
	2.2 Structure Hardening - Trans - Tower Replacements	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0
	2.3 Structure Hardening - Trans - Cathodic Protection	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0
	2.4 Structure Hardening - Trans - Tower Drone Inspections	T	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 106,943	$ -	$ -	$ -	$ 9,244	116,187
2.a	Adjustments (Remove Base O&M for Pole Replacements)		(16,348)	(48,851)	(59,552)	(28,843)	(13,954)	(40,472)	(85,125)	(97,856)	(61,418)	(103,421)	(75,743)	(138,460)	$ (770,042)
2.b	Subtotal of Overhead O&M Programs - Transmission		$ 13,963	$ 41,724	$ 50,863	$ 24,634	$ 11,918	$ 34,567	$ 72,705	$ 190,521	$ 52,457	$ 88,332	$ 64,692	$ 127,502	$ 773,878
3	Veg. Management O&M Programs														
	3.1 Vegetation Management - Distribution	D	0	0	0	0	0	0	0	0	0	0	0	0	0
	3.2 Vegetation Management - Transmission	T	0	0	0	0	0	0	0	0	0	0	0	0	0
3.a	Adjustments		0	0	0	0	0	0	0	0	0	0	0	0	0
3.b	Subtotal of Vegetation Management O&M Programs		0	0	0	0	0	0	0	0	0	0	0	0	0
4	SPP Implementation Costs														
	4.1 Distribution	D	$ 667,432	0	0	0	0	0	0	0	0	0	0	275,224	$ 942,656
	4.2 Transmission	T	444,955	0	0	0	0	0	0	0	0	0	0	183,482	628,437
4.b	Subtotal Implementation Costs (Note 2)		$ 1,112,387	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 458,706	$ 1,571,093
5	Legal, Accounting, and Administrative O&M	A&G	0	0	0	0	0	0	0	0	0	0	0	0	$ -
6	Total of O&M Programs		$ 1,174,457	$ 140,016	$ 174,372	$ 204,661	$ 174,956	$ 233,281	$ 202,856	$ 283,963	$ 1,774,837	$ (246,811)	$ 67,375	$ 676,920	$ 4,860,882
7	Allocation of O&M Costs														
	a. Distribution O&M Allocated to Energy		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	b. Distribution O&M Allocated to Demand		$ 48,107	$ 98,292	$ 123,509	$ 180,027	$ 163,038	$ 198,714	$ 130,151	$ 93,442	$ 1,722,380	$ (335,143)	$ 2,683	$ 90,712	$ 2,515,911
	c. Transmission O&M Allocated to Energy		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	d. Transmission O&M Allocated to Demand		$ 13,963	$ 41,724	$ 50,863	$ 24,634	$ 11,918	$ 34,567	$ 72,705	$ 190,521	$ 52,457	$ 88,332	$ 64,692	$ 127,502	$ 773,878
	e. Implementation Costs Allocated to Distribution		$ 667,432	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 275,224	$ 942,656
	f. Implementation Costs Allocated to Transmission		$ 444,955	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 183,482	$ 628,437
	g. Legal, Accounting, and Administrative O&M		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
8	Retail Jurisdictional Factors														
	a. Distribution Energy Jurisdictional Factor	D	0.9750258	0.9724349	0.9577954	0.9602053	0.9373585	0.9465951	0.9554798	0.9548878	0.9541859	0.9528721	0.9631830	0.9708082	0.9708082
	b. Distribution Demand Jurisdictional Factor	D	0.9956100	0.9956100	0.9956100	0.9956100	0.9956100	0.9956100	0.9956100	0.9956100	0.9956100	0.9956100	0.9956100	0.9956100	0.9956100
	c. Transmission Energy Jurisdictional Factor	T	0.9750258	0.9724349	0.9577954	0.9602053	0.9373585	0.9465951	0.9554798	0.9548878	0.9541859	0.9528721	0.9631830	0.9708082	0.9708082
	d. Transmission Demand Jurisdictional Factor	T	0.7020300	0.7020300	0.7020300	0.7020300	0.7020300	0.7020300	0.7020300	0.7020300	0.7020300	0.7020300	0.7020300	0.7020300	0.7020300
	e. Administrative & General Jurisdictional Factor	A&G	0.9322100	0.9322100	0.9322100	0.9322100	0.9322100	0.9322100	0.9322100	0.9322100	0.9322100	0.9322100	0.9322100	0.9322100	0.9322100
9	Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
10	Jurisdictional Demand Revenue Requirements		1,094,677	127,152	158,674	196,531	170,689	222,108	180,620	226,783	1,751,645	(271,660)	48,087	607,434	4,512,740
11	Total Jurisdictional O&M Revenue Requirements		$ 1,094,677	$ 127,152	$ 158,674	$ 196,531	$ 170,689	$ 222,108	$ 180,620	$ 226,783	$ 1,751,645	$ (271,660)	$ 48,087	$ 607,434	$ 4,512,740
	O&M Revenue Requirements by Category of Activity														
12	Overhead: Distribution Hardening O&M Programs (System)		$ 715,539	$ 98,292	$ 123,509	$ 180,027	$ 163,038	$ 198,714	$ 130,151	$ 93,442	$ 1,722,380	$ (335,143)	$ 2,683	$ 365,935	$ 3,458,567
	a. Allocated to Energy (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Allocated to Demand (Retail)		$ 670,083	$ 97,861	$ 122,967	$ 179,236	$ 162,322	$ 197,841	$ 129,579	$ 93,031	$ 1,714,819	$ (333,671)	$ 2,671	$ 346,879	$ 3,383,619
13	Overhead: Transmission O&M Programs (System)		$ 458,918	$ 41,724	$ 50,863	$ 24,634	$ 11,918	$ 34,567	$ 72,705	$ 190,521	$ 52,457	$ 88,332	$ 64,692	$ 310,985	$ 1,402,315
	a. Allocated to Energy (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Allocated to Demand (Retail)		$ 424,594	$ 29,291	$ 35,707	$ 17,294	$ 8,367	$ 24,267	$ 51,041	$ 133,751	$ 36,826	$ 62,011	$ 45,416	$ 260,554	$ 1,129,121
	Veg. Management O&M Programs (System)		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	a. Allocated to Energy (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Allocated to Demand (Retail)		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
14	Legal, Accounting, and Administrative O&M (System)		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	a. Allocated to Energy (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Allocated to Demand (Retail)		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Footnote:
(1) In 2021 DEF is not requesting Self-Optimizing costs through the SPPCRC.
(2) In 2021 DEF is not requesting vegetation management costs through the SPPCRC.
(3) January amount represents the 2020 SPP Development Plan costs as approved by Order No. PSC-2020-0410-AS-EI - these jurisdictional costs are included in their respective Lines 12b and 13b. (allocation split based on 2021 total estimated plant-in-service amounts). December represents consulting costs incurred for DEF's 2022 SPP Filing to be filed on April 11, 2022.

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Actual True-Up
Current Period: January through December 2021
Project Listing by Each O&M Program

Line	O&M Activities			O&M Expenditures	OH or UG
1.	**Distribution**				
	1.1 Feeder Hardening - Distribution				
	Substation	**Feeder**	**Operations Center**		**OH / UG**
	1.1.1 Maitland	W0087	FL Longwood Ops	272,009	OH
	1.1.2 Deltona	W4564	FL Deland Ops	141,527	OH
	1.1.3 Deland	W0806	FL Deland Ops	284,422	OH
	1.1.4 Deland	W0808	FL Deland Ops	218,754	OH
	1.1.5 Port Richey West	C209	FL Seven Springs Ops	122,488	OH
	1.1.6 Tarpon Springs	C308	FL Seven Springs Ops	256,428	OH
	1.1.7 Port St Joe Ind	N202	FL Monticello Ops	9,252	OH
	1.1.8 Taft	K1028	FL SE Orlando Ops	11,661	OH
	1.1.9 Northridge	K1822	FL Lake Wales Ops	86,605	OH
	1.1.10 Winter Garden	K203	FL Winter Garden Ops	217,476	OH
	1.1.11 Winter Garden	K206	FL Winter Garden Ops	54,783	OH
	1.1.12 Ocoee	M1095	FL Winter Garden Ops	88,940	OH
	1.1.13 Seminole	J895	FL Walsingham Ops	66,570	OH
	1.1.14 Ulmerton	J240	FL Walsingham Ops	94,600	OH
	1.1.15 Highlands	C2808	FL Clearwater Ops	86,962	OH
	1.1.16 East Clearwater	C902	FL Clearwater Ops	256,539	OH
	1.1.17 Pasadena	X211	FL St Pete Ops	246,895	OH
	1.1.18 Engineering/Materials for 2022 Projects	-	-	-	OH
	TOTAL			**2,515,911**	**OH**
2.	**Transmission**				
	2.1 Structure Hardening - Pole Replacements	**Line ID**			**OH / UG**
	2.1.1 Please refer to Form 5A page 7 of 45				
	2.2 Structure Hardening - Tower Replacements				
	TOTAL			**$ -**	
	2.3 Structure Hardening - Cathodic Protection				
	TOTAL			**$ -**	
	2.4 Structure Hardening - Drone Inspections				
	TOTAL			**$ 116,187**	OH

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
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Current Period January through December 2021
Project Listing by Each O&M Program

Line	O&M Activities		O&M Expenditures	OH or UG
2.	**Transmission**			
2.1	**Structure Hardening - Pole Replacements**	**Line ID**		**OH / UG**
	2.2.1 Avon Park Pl - South Polk	AF-1	157,127	OH
	2.2 2 Fisheating Creek - Sun N Lakes	ALP-SUC-1	181,227	OH
	2.2 3 Apopka South – Clarcona	ASC-1	24,289	OH
	2.2.4 Bayboro - Central Plaza	BCP-1	8,906	OH
	2.2 5 Bushnell East - Center Hill Radial	BW-1	82,178	OH
	2.2 6 Brookridge - Brooksville West (BWX CKT)	BWX-1	20,103	OH
	2.2.7 Brookridge - Fl Crushed Stone Cogen Pl	BWX-2	0	OH
	2.2 8 Zephyrhills North - Dade City (TECO)	BZ-6	10,073	OH
	2.2 9 Bronson – Newberry	CF-2	70,561	OH
	2.2.10 Ft White – Newberry	CF-3	152,188	OH
	2.2.11 Belleview - Maricamp	CFO-SSB-1	2,811	OH
	2.2.12 Florida Gas Transmision - St Marks East	CP-3	7,020	OH
	2.2.13 Monticello - Boston (Ga Pwr)	DB-2	2,823	OH
	2.2.14 Disston - Kenneth	DK-1	16,415	OH
	2.2.15 Taylor Ave - Walsingham	DL-LTW-1	2,518	OH
	2.2.16 Seminole - Starkey Road	DLW-5	7,721	OH
	2.2.17 Davenport - West Davenport Radial	DWD-1	9,681	OH
	2.2.18 Palm Harbor - Tarpon Springs	ECTW-4	17,874	OH
	2.2.19 Deland - Deland West	ED-1	4,634	OH
	2.2 20 Ft White - High Springs	FH-1	4,896	OH
	2.2 21 Clearwater - Highlands	HCL-1	9,218	OH
	2.2 22 Higgins Pl - Curlew CKT #2	HGC-1	1,252	OH
	2.2 23 Alderman - Tarpon Springs	HTW-2	3,811	OH
	2.2 24 Cypresswood - Haines City	ICLW-2	53,595	OH
	2.2 25 Dundee - Lake Wales	ICLW-3	5,400	OH
	2.2 26 Ft White – Jasper	JF-1	51,412	OH
	2.2 27 Cross Bayou - GE Pinellas	LD-2	5,027	OH
	2.2 28 Clearwater - East Clearwater	LECW-3	20,460	OH
	2.2 29 Largo - Taylor Ave	LTW-1	0	OH
	2.2 30 Altamonte - North Longwood CKT #2	NLA-1	1,174	OH
	2.2 31 Atwater - Quincy	QX-1	1,760	OH
	2.2 32 Lake Wales - West Lake Wales CKT #2	WLL-1	76,023	OH
	2.2 33 Altamonte – Maitland	WO-1	37,624	OH
	2.2 34 Altamonte - North Longwood CKT #1	WO-2	18,949	OH
	2.2 35 Lockwood Tap	FTO-1-TL1	25,343	OH
	2.2 36 Ft Meade - South Polk	AF-2	103,514	OH
	2.2 37 Largo - Ulmerton West	DLW-2	0	OH
	2.2 38 Kelly Park - Zellwood	EP-3	66,160	OH
	2.2 39 Hanson - Cherry Lake Radial	HC-1	1,212	OH
	2.2.40 GE Pinellas - Largo	LD-3	6,284	OH
	2.2.41 Isleworth - Disney World Northwest	WT-3	50,580	OH
	2.2.42 Perry North Tap	DP-1-TL3	2,104	OH
	2.2.43 Ulmerton West - Walsingham	DLW-6	0	OH
	2.2.44 Apopka South - Woodsmere	WP-2	1,005	OH
	2.2.45 Ft Meade - Dry Prairie	FV-1	0	OH
	2.2.46 Webster SEC 69kV Tapline	BCF-BW-2-TL4	57,906	OH
	2.2.47 Bushnell East - Center Hill Radial	A562	41	OH
	2.2 51 Clearwater - East Clearwater	C16	25,897	OH
	2.2 52 Clearwater - Highlands	C2807	14,984	OH
	2.2 63 Crawfordville Jackson Bluff	JA-3	3,769	OH
	2.2.71 North Longwood - Winter Springs	WO-6	185	OH
	2.2.74 Engineering/Materials for 2022 Projects	-	-	OH
	TOTAL		**1,427,733**	OH
	2021 Pole Replacement Base Rates	$34.8M Capital	54%	
	Allocation of O&M to Base Rates vs. SPPCRC		**770,042**	

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Actual True-Up
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Variance Report of Annual Capital Costs by Program (Jurisdictional)
(In Dollars)

Line		(1) Actual	(2) Estimated Actual	(3) Variance Amount	(4) Variance Percent
1	Overhead Hardening Programs - Distribution				
1.1	Feeder Hardening - Distr bution	$ 1,369,702	3,386,484	$ (2,016,782)	-59.6%
1.2	Structure Hardening - Trans - Pole Replacements - Distribution	$ 16,492	0	$ 16,492	100.0%
1a	Adjustments	-	-	-	
1T	Subtotal of Overhead Hardening Programs - Distribution	$ 1,386,194	$ 3,386,484	$ (2,000,290)	-59.1%
2	Overhead Hardening Programs - Transmission				
2.1	Structure Hardening - Trans - Pole Replacements	$ 657,292	$ 1,199,388	$ (542,096)	-45.2%
2.2	Structure Hardening - Trans - Tower Replacements	$ 12,889	$ 30,172	$ (17,283)	-57.3%
2.3	Structure Hardening - Trans - Cathodic Protection	$ 57,408	$ 28,667	$ 28,741	100.3%
2a	Adjustments	$ -	$ -	-	N/A
2T	Subtotal of Overhead Programs - Transmission	$ 727,589	$ 1,258,226	$ (530,638)	-42.2%
3	Vegetation Management Programs				
3.1	Vegetation Management - Distribution	$ -	$ -	$ -	N/A
3.2	Vegetation Management - Transmission	-	$ -	-	N/A
3T	Subtotal of Vegetation Management Programs	-	-	-	0.0%
4	Total of Capital Programs	$ 2,113,783	$ 4,644,710	$ (2,530,928)	-54.5%
5	Allocation of Costs to Energy and Demand				
a.	Energy	$ -	$ -	$ -	0.0%
b.	Demand	$ 2,113,783	$ 4,644,710	$ (2,530,928)	-54.5%

Notes:

Column (1) is the End of Period Totals on SPPCRC Form 6A

Column (2) is the amount shown on Form 6E in Exh bit No. (CAM-1) in Docket No. 20210010-EI.

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Actual True-Up
Current Period: January through December 2021

Calculation of Annual Revenue Requirements for Capital Investment Programs
(in Dollars)

Line	Capital Investment Activities	E/D	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Overhead: Distribution														
1.1	Feeder Hardening - Distribution	D	8,964	18,191	30,296	56,992	90,393	120,569	153,307	163,965	162,166	171,653	183,136	210,071	1,369,702
1.2	Structure Hardening -Trans Pole Replacement - Distribution	D	27	141	369	575	671	900	1,261	1,674	2,127	2,576	2,922	3,248	16,492
1.a	Adjustments (N/A)	D	0	0	0	0	0	0	0	0	0	0	0	0	0
1.b	Subtotal of Overhead Distribution Feeder Hardening Capital Programs		8,991	18,332	30,665	57,567	91,064	121,469	154,568	165,639	164,293	174,229	186,057	213,319	1,386,194
2	Overhead: Transmission														
2.1	Structure Hardening - Trans - Pole Replacements	D	1,036	5,375	14,097	21,954	25,590	34,354	48,116	63,877	81,168	98,307	120,990	142,429	657,292
2.2	Structure Hardening - Trans - Tower Replacements	D	0	0	0	0	0	0	1	9	484	2,433	4,364	5,597	12,889
2.3	Structure Hardening - Trans - Cathodic Protection	D	0	0	0	958	3,278	5,336	5,933	6,110	6,753	8,954	8,946	11,140	57,408
2.a	Adjustments (A)	D	0	0	0	0	0	0	0	0	0	0	0	0	0
2.b	Subtotal of Overhead Transmission Structure Hardening Capital Programs		1,036	5,375	14,097	22,912	28,868	39,691	54,049	69,996	88,405	109,694	134,300	159,167	727,589
3	Veg. Management Programs														
3.1.	Vegetation Management - Distribution	D	0	0	0	0	0	0	0	0	0	0	0	0	0
3.2.	Vegetation Management - Transmission	D	0	0	0	0	0	0	0	0	0	0	0	0	0
3.a	Adjustments (N/A)	D	0	0	0	0	0	0	0	0	0	0	0	0	0
3.b.	Subtotal of Vegetation Management Capital Invest. Programs		0	0	0	0	0	0	0	0	0	0	0	0	0
4a	a Jurisdictional Energy Revenue Requirements		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4b	b Jurisdictional Demand Revenue Requirements		$ 10,027	$ 23,707	$ 44,762	$ 80,479	$ 119,932	$ 161,160	$ 208,617	$ 235,636	$ 252,698	$ 283,923	$ 320,357	$ 372,486	$ 2,113,783
	Capital Revenue Requirements (B)														
5.	Overhead: Distribution Hardening Capital Programs		$ 8,991	$ 18,332	$ 30,665	$ 57,567	$ 91,064	$ 121,469	$ 154,568	$ 165,639	$ 164,293	$ 174,229	$ 186,057	$ 213,319	$ 1,386,194
a.	Allocated to Energy		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
b.	Allocated to Demand		$ 8,991	$ 18,332	$ 30,665	$ 57,567	$ 91,064	$ 121,469	$ 154,568	$ 165,639	$ 164,293	$ 174,229	$ 186,057	$ 213,319	$ 1,386,194
6.	Overhead: Transmission Capital Programs		$ 1,036	$ 5,375	$ 14,097	$ 22,912	$ 28,868	$ 39,691	$ 54,049	$ 69,996	$ 88,405	$ 109,694	$ 134,300	$ 159,167	$ 727,589
a.	Allocated to Energy		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
b.	Allocated to Demand		$ 1,036	$ 5,375	$ 14,097	$ 22,912	$ 28,868	$ 39,691	$ 54,049	$ 69,996	$ 88,405	$ 109,694	$ 134,300	$ 159,167	$ 727,589
7.	Veg. Management Capital Programs		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
a.	Allocated to Energy		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
b.	Allocated to Demand		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Notes:
(A) Any necessary adjustments are shown within the calculations on the detailed Form 7A
(B) Jurisdictional Energy and Demand Revenue Requirements are calculated on the detailed Form 7A

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Actual True-Up
Current Period January through December 2021
Project Listing by Each Capital Program

Line		Capital Investment Activities			Capital Expenditures	OH or UG
1.	**Distribution**					
	1.1	**Feeder Hardening - Distribution**				
		Substation	**Feeder**	**Operations Center**		**OH / UG**
		1.1.1 Maitland	W0087	FL Longwood Ops	1,855,238	OH
		1.1 2 Deltona	W4564	FL Deland Ops	2,073,907	OH
		1.1 3 Deland	W0806	FL Deland Ops	1,641,412	OH
		1.1.4 Deland	W0808	FL Deland Ops	2,785,924	OH
		1.1 5 Port Richey West	C209	FL Seven Springs Ops	1,848,738	OH
		1.1 6 Tarpon Springs	C308	FL Seven Springs Ops	2,733,225	OH
		1.1.7 Port St Joe Ind	N202	FL Monticello Ops	2,866,512	OH
		1.1 8 Taft	K1028	FL SE Orlando Ops	675,364	OH
		1.1 9 Northridge	K1822	FL Lake Wales Ops	994,257	OH
		1.1.10 Winter Garden	K203	FL Winter Garden Ops	1,781,269	OH
		1.1.11 Winter Garden	K206	FL Winter Garden Ops	1,536,025	OH
		1.1.12 Ocoee	M1095	FL Winter Garden Ops	1,826,235	OH
		1.1.13 Seminole	J895	FL Walsingham Ops	912,768	OH
		1.1.14 Ulmerton	J240	FL Walsingham Ops	1,405,473	OH
		1.1.15 Highlands	C2808	FL Clearwater Ops	956,483	OH
		1.1.16 East Clearwater	C902	FL Clearwater Ops	2,308,436	OH
		1.1.17 Pasadena	X211	FL St Pete Ops	2,976,355	OH
		1.1.18 Engineering/Materials for 2022 Projects	TBD	-	1,965,893	OH
		1.1.19 **TOTAL**			**33,143,514**	
	1.2	1.2 Lateral Hardening - O/H				OH
		Engineering/Materials for 2022 Projects	TBD		**1,971,063**	
	1.3	1.3 SOG				OH
		Engineering/Materials for 2022 Projects	TBD		**2,388,515**	
	1.4	1.4 Lateral Hardening Underground				U/G
		Engineering/Materials for 2022 Projects	TBD		**2,875,204**	
2.	**Transmission**					
	2.1	**Structure Hardening - Pole Replacements**	**Line ID**			**OH / UG**
		2.1.1 Please refer to Form 7A page 11 of 45				
	2.2	**Structure Hardening - Tower Replacements**	**Line ID**			
		2.2.1 Holopaw - West Lake Wales	(WLXF-3)		1,404,055	OH
		TOTAL			**1,404,055**	
	2.3	**Structure Hardening - Cathodic Protection**	**Line ID**			
		2.3.1 Crystal River - Central Florida	(CCF)		1,517,704	OH
		2.3 2 Crystal River - Curlew	(CC)		1,017,223	OH
		TOTAL			**2,534,927**	
	2.4	**Structure Hardening - Overhead Ground Wire**	**Line ID**			
		Engineering/Materials for 2022 Projects			67,036	OH
		TOTAL			**67,036**	
	2.5	**Substation Hardening - Breaker Replacements**				
		Engineering/Materials for 2022 Projects			104,459	OH
		TOTAL			**104,459**	

Duke Energy Florida
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Project Listing by Each Capital Program

Line		Capital Investment Activities		Capital Expenditures	OH or UG
2.	**Transmission**				
	2.1	**Structure Hardening Pole Replacements**	**Line ID**		**OH / UG**
		2.2.1 Avon Park Pl - South Polk	AF-1	7,706,671	OH
		2.2.2 Fisheating Creek - Sun N Lakes	ALP-SUC-1	6,554,483	OH
		2.2.3 Apopka South – Clarcona	ASC-1	923,078	OH
		2.2.4 Bayboro - Central Plaza	BCP-1	592,452	OH
		2.2.5 Bushnell East - Center Hill Radial	BW-1	1,860,847	OH
		2.2.6 Brookridge - Brooksville West (BWX CKT)	BWX-1	977,285	OH
		2.2.7 Brookridge - Fl Crushed Stone Cogen Pl	BWX-2	200,647	OH
		2.2.8 Zephyrhills North - Dade City (TECO)	BZ-6	575,766	OH
		2.2.9 Bronson – Newberry	CF-2	4,837,949	OH
		2.2.10 Ft White – Newberry	CF-3	5,827,592	OH
		2.2.11 Belleview - Maricamp	CFO-SSB-1	287,083	OH
		2.2.12 Florida Gas Transmision - St Marks East	CP-3	1,214,314	OH
		2.2.13 Monticello - Boston (Ga Pwr)	DB-2	496,917	OH
		2.2.14 Disston - Kenneth	DK-1	1,257,491	OH
		2.2.15 Taylor Ave - Walsingham	DL-LTW-1	383,304	OH
		2.2.16 Seminole - Starkey Road	DLW-5	119,949	OH
		2.2.17 Davenport - West Davenport Radial	DWD-1	451,296	OH
		2.2.18 Palm Harbor - Tarpon Springs	ECTW-4	622,357	OH
		2.2.19 Deland - Deland West	ED-1	814,472	OH
		2.2.20 Ft White - High Springs	FH-1	760,229	OH
		2.2.21 Clearwater - Highlands	HCL-1	522,898	OH
		2.2.22 Higgins Pl - Curlew CKT #2	HGC-1	68,388	OH
		2.2.23 Alderman - Tarpon Springs	HTW-2	172,931	OH
		2.2.24 Cypresswood - Haines City	ICLW-2	1,537,102	OH
		2.2.25 Dundee - Lake Wales	ICLW-3	850,871	OH
		2.2.26 Ft White – Jasper	JF-1	2,529,601	OH
		2.2.27 Cross Bayou - GE Pinellas	LD-2	124,699	OH
		2.2.28 Clearwater - East Clearwater	LECW-3	976,436	OH
		2.2.29 Largo - Taylor Ave	LTW-1	57,866	OH
		2.2.30 Altamonte - North Longwood CKT #2	NLA-1	149,318	OH
		2.2.31 Atwater - Quincy	QX-1	561,213	OH
		2.2.32 Lake Wales - West Lake Wales CKT #2	WLL-1	2,208,944	OH
		2.2.33 Altamonte – Maitland	WO-1	1,561,773	OH
		2.2.34 Altamonte - North Longwood CKT #1	WO-2	689,288	OH
		2.2.35 Lockwood Tap	FTO-1-TL1	737,026	OH
		2.2.36 Ft Meade - South Polk	AF-2	3,258,970	OH
		2.2.37 Largo - Ulmerton West	DLW-2	5,608	OH
		2.2.38 Keiy Park - Zellwood	EP-3	2,802,971	OH
		2.2.39 Hanson - Cherry Lake Radial	HC-1	198,145	OH
		2.2.40 GE Pinellas - Largo	LD-3	289,968	OH
		2.2.41 Isleworth - Disney World Northwest	WT-3	1,530,099	OH
		2.2.42 Perry North Tap	DP-1-TL3	288,220	OH
		2.2.43 Ulmerton West - Walsingham	DLW-6	-	OH
		2.2.44 Apopka South - Woodsmere	WP-2	10,273	OH
		2.2.45 Ft Meade - Dry Prairie	FV-1	-	OH
		2.2.46 Webster SEC 69kV Tapline	BCF-BW-2-TL4	845,752	OH
		2.2.47 Bushnell East - Center Hill Radial	A562	114,280	OH
		2.2.48 Fisheating Creek - Lake Placid	ALP-2	262,624	OH
		2.2.49 Avon Park Pl - Wauchula	APW-1	2,087,237	OH
		2.2.50 Alafaya - UCF	AUCF-1	2,774	OH
		2.2.51 Clearwater - East Clearwater	C16	226,330	OH
		2.2.52 Clearwater - Highlands	C2807	140,920	OH
		2.2.53 Alderman - Tarpon Springs	C304	21,105	OH
		2.2.54 Palm Harbor - Tarpon Springs	C308	43,314	OH
		2.2.55 Camp Lake - Clermont	CLC-1	128,524	OH
		2.2.56 Beverly Hills - Lecanto	CSB-2	9,501	OH
		2.2.57 Cassadaga - Deltona	DC-1	132,932	OH
		2.2.58 Rio Pinar Pl - East Orange	FTR-3	154,974	OH
		2.2.59 Ginnie - Trenton	IS-4	131,996	OH
		2.2.60 Cross Bayou - GE Pinellas	J148	7,289	OH
		2.2.61 Taylor Ave - Walsingham	J2907	15,207	OH
		2.2.62 Largo - Taylor Ave	J402	24,047	OH
		2.2.63 Crawfordville Jackson Bluff	JA-3	640,210	OH
		2.2.64 Bradfordville West Tie #3 (City of Tallahassee)	JQ-3	45,859	OH
		2.2.65 Dundee - Lake Wales	K1884	55,853	OH
		2.2.66 Keiy Park - Zellwood	M32	5,670	OH
		2.2.67 Altamonte - North Longwood CKT #1	M571	47,547	OH
		2.2.68 McIntosh Tapline	SI-4-TL2	138,563	OH
		2.2.69 Meadows South - Taft	TMS-1	505,747	OH
		2.2.70 Myakka Tapline	VHC-1-TL1	174,828	OH
		2.2.71 North Longwood - Winter Springs	WO-6	13,259	OH
		2.2.72 Bayboro - Central Plaza	X46	27,438	OH
		2.2.73 Disston - Kenneth	X62	34,162	OH
		2.2.74 Engineering and Materials for 2022	-	887,873	OH
		TOTAL for 2021 & 2022 Engineering		**64,522,607**	
		2021 Pole Replacement Base Rates		34,800,000	
		Allocation of O&M to Base Rates vs. SPPCRC		54%	

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution - Pole Replacement
(in Dollars)

364 Feeder Hardening Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions		184,082	382,796	390,247	623,856	1,612,709	1,100,460	1,431,012	1,168,064	(779,731)	270,527	442,712	558,883	1,747,214	$8,948,749
	b. Clearings to Plant			0	0	0	87,702	(2,990)	144,787	392,769	504,469	74,441	59,492	(3,587)	2,450,237	3,707,319
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	87,702	84,711	229,498	622,267	1,126,736	1,201,177	1,260,669	1,257,081	3,707,319	
3	Less Accumulated Depreciation			0	0	0	0	(307)	(603)	(1,407)	(3,585)	(7,528)	(11,732)	(16,145)	(20,544)	
4	CWIP - Non-Interest Bearing		$184,082	566,878	957,125	1,580,980	3,105,987	4,209,437	5,495,663	6,270,958	4,986,758	5,182,844	5,566,065	6,128,535	5,425,512	
5	Net Investment (Lines 2 + 3 + 4)		$184,082	$566,878	$957,125	$1,580,980	$3,193,689	$4,293,842	$5,724,557	$6,891,818	$6,109,910	$6,376,493	$6,815,001	$7,369,472	$9,112,286	
6	Average Net Investment			$375,480	$762,001	$1,269,052	$2,387,334	$3,743,765	$5,009,199	$6,308,188	$6,500,864	$6,243,201	$6,595,747	$7,092,236	$8,240,879	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$517	$1,048	$1,746	$3,285	$5,151	$6,892	$8,679	$8,944	$8,590	$9,075	$9,758	$11,338	75,021
	b. Equity Component Grossed Up For Taxes	6.12%		$1,914	$3,885	$6,470	$12,171	$19,086	$25,538	$32,160	$33,143	$31,829	$33,626	$36,158	$42,014	277,995
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	4.2%		$0	$0	$0	$0	$307	$296	$803	$2,178	$3,944	$4,204	$4,412	$4,400	20,544
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$52	$50	$136	$368	$666	$710	$745	$743	3,468
	e. Other (D)	4.2%		0	0	0	0	(12)	(12)	(12)	(83)	(218)	(218)	(284)	(331)	(1,171)
9	Total System Recoverable Expenses (Lines 7 + 8)			$2,431	$4,933	$8,216	$15,456	$24,584	$32,765	$41,767	$44,549	$44,810	$47,396	$50,788	$58,163	$375,857
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$2,431	$4,933	$8,216	$15,456	$24,584	$32,765	$41,767	$44,549	$44,810	$47,396	$50,788	$58,163	$375,857
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Distribution			0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			2,420	4,912	8,180	15,388	24,476	32,621	41,583	44,353	44,613	47,188	50,565	57,908	374,207
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$2,420	$4,912	$8,180	$15,388	$24,476	$32,621	$41,583	$44,353	$44,613	$47,188	$50,565	$57,908	$374,207

Notes

(A) Line (6 x 7)/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution : Overhead Wire Upgrade
(in Dollars)

365 Feeder Hardening Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	Period Total
1	Investments															
	a. Expenditures/Additions		409,071	850,657	867,215	1,386,346	3,583,797	2,445,466	3,180,027	2,595,699	(1,732,735)	601,171	983,804	1,241,963	3,882,699	$19,886,108
	b. Clearings to Plant			0	0	0	241,970	(8,250)	399,470	1,089,538	888,796	242,450	(129,300)	(90,415)	5,340,081	7,974,339
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	241,970	233,720	633,189	1,722,727	2,611,523	2,853,973	2,724,673	2,634,258	7,974,339	
3	Less Accumulated Depreciation			0	0	0	0	(544)	(1,070)	(2,495)	(6,371)	(12,247)	(18,668)	(24,799)	(30,726)	
4	CWIP - Non-Interest Bearing		$409,071	1,259,728	2,126,943	3,513,289	6,855,116	9,308,833	12,089,390	13,595,551	10,974,020	11,332,741	12,445,845	13,778,223	12,320,841	
5	Net Investment (Lines 2 + 3 + 4)		$409,071	$1,259,728	$2,126,943	$3,513,289	$7,097,086	$9,542,008	$12,721,509	$15,315,783	$13,579,172	$14,174,467	$15,151,850	$16,387,682	$20,264,453	
6	Average Net Investment			$834,400	$1,693,336	$2,820,116	$5,305,188	$8,319,547	$11,131,759	$14,018,646	$14,447,477	$13,876,819	$14,663,158	$15,769,766	$18,326,068	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$1,148	$2,330	$3,880	$7,299	$11,446	$15,315	$19,287	$19,877	$19,092	$20,174	$21,697	$25,214	166,760
	b. Equity Component Grossed Up For Taxes	6.12%		$4,254	$8,633	$14,378	$27,047	$42,415	$56,752	$71,470	$73,656	$70,747	$74,756	$80,397	$93,430	617,934
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	2.7%		$0	$0	$0	$0	$544	$526	$1,425	$3,876	$5,876	$6,421	$6,131	$5,927	30,726
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$143	$138	$374	$1,018	$1,543	$1,686	$1,610	$1,556	8,069
	e. Other (D)	2.7%		0	0	0	0	(15)	(15)	(15)	(238)	(465)	(465)	(617)	(752)	(2,580)
9	Total System Recoverable Expenses (Lines 7 + 8)			$5,402	$10,963	$18,258	$34,346	$54,534	$72,717	$92,542	$98,189	$96,793	$102,573	$109,218	$125,375	$820,908
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$5,402	$10,963	$18,258	$34,346	$54,534	$72,717	$92,542	$98,189	$96,793	$102,573	$109,218	$125,375	$820,908
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Distribution			0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			5,378	10,915	18,177	34,195	54,295	72,398	92,135	97,758	96,368	102,123	108,738	124,825	817,305
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$5,378	$10,915	$18,177	$34,195	$54,295	$72,398	$92,135	$97,758	$96,368	$102,123	$108,738	$124,825	$817,305

Notes

(A) Line (6 x 7)/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution : Underground Circuits
(in Dollars)

366 Feeder Hardening

Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	Period Total
1	Investments															
	a. Expenditures/Additions		6,818	14,178	14,454	23,106	59,730	40,758	53,000	43,262	(28,879)	10,020	16,397	20,699	64,712	$331,435
	b. Clearings to Plant			0	0	0	0	0	0	82,676	(294)	1,564	(11,105)	(6,654)	64,198	130,386
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	82,676	82,382	83,946	72,842	66,188	130,386	
3	Less Accumulated Depreciation			0	0	0	0	0	0	0	(108)	(216)	(326)	(421)	(508)	
4	CWIP - Non-Interest Bearing		$6,818	20,995	35,449	58,555	118,285	159,043	212,043	172,628	144,043	152,499	180,000	207,354	207,867	
5	Net Investment (Lines 2 + 3 + 4)		$6,818	$20,995	$35,449	$58,555	$118,285	$159,043	$212,043	$255,305	$226,318	$236,229	$252,516	$273,120	$337,745	
6	Average Net Investment			$13,907	$28,222	$47,002	$88,420	$138,664	$185,543	$233,674	$240,811	$231,273	$244,373	$262,818	$305,433	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$19	$39	$65	$122	$191	$255	$321	$331	$318	$336	$362	$420	2,779
	b. Equity Component Grossed Up For Taxes	6.12%		$71	$144	$240	$451	$707	$946	$1,191	$1,228	$1,179	$1,246	$1,340	$1,557	10,299
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	1.6%		$0	$0	$0	$0	$0	$0	$0	$108	$108	$110	$95	$87	508
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$49	$49	$50	$43	$39	229
	e. Other (D)	1.6%		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)			$90	$183	$304	$572	$898	$1,201	$1,513	$1,716	$1,654	$1,742	$1,840	$2,103	$13,815
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$90	$183	$304	$572	$898	$1,201	$1,513	$1,716	$1,654	$1,742	$1,840	$2,103	$13,815
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Distribution			0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			90	182	303	570	894	1,196	1,506	1,709	1,646	1,734	1,832	2,094	13,755
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$90	$182	$303	$570	$894	$1,196	$1,506	$1,709	$1,646	$1,734	$1,832	$2,094	$13,755

Notes

(A) Line (6 x 7)/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution : Underground Wire Upgrade
(in Dollars)

367
Feeder Hardening

Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	Period Total
1	Investments															
	a. Expenditures/Additions		54,543	113,421	115,629	184,846	477,840	326,062	424,004	346,093	(231,031)	80,156	131,174	165,595	517,693	$2,651,481
	b. Clearings to Plant			0	0	0	1,057	(36)	1,745	485,578	(14,281)	7,603	(16,041)	(18,113)	606,498	1,054,011
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	1,057	1,021	2,766	488,344	474,063	481,666	465,626	447,513	1,054,011	
3	Less Accumulated Depreciation			0	0	0	0	(3)	(5)	(12)	(1,233)	(2,418)	(3,622)	(4,786)	(5,905)	
4	CWIP - Non-Interest Bearing		$54,543	167,964	283,592	468,439	945,221	1,271,320	1,693,578	1,554,093	1,337,342	1,409,896	1,557,110	1,740,818	1,652,013	
5	Net Investment (Lines 2 + 3 + 4)		$54,543	$167,964	$283,592	$468,439	$946,278	$1,272,338	$1,696,339	$2,042,425	$1,810,173	$1,889,144	$2,019,113	$2,183,544	$2,700,119	
6	Average Net Investment			$111,253	$225,778	$376,015	$707,358	$1,109,308	$1,484,338	$1,869,382	$1,926,299	$1,849,658	$1,954,129	$2,101,329	$2,441,832	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$153	$311	$517	$973	$1,526	$2,042	$2,572	$2,650	$2,545	$2,689	$2,891	$3,360	22,229
	b. Equity Component Grossed Up For Taxes	6.12%		$567	$1,151	$1,917	$3,606	$5,655	$7,567	$9,530	$9,821	$9,430	$9,963	$10,713	$12,449	82,370
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	3.0%		$0	$0	$0	$0	$3	$3	$7	$1,221	$1,185	$1,204	$1,164	$1,119	5,905
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$1	$1	$2	$289	$280	$285	$275	$264	1,396
	e. Other (D)	3.0%		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)			$720	$1,462	$2,434	$4,579	$7,185	$9,613	$12,111	$13,980	$13,440	$14,140	$15,043	$17,192	$111,900
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$720	$1,462	$2,434	$4,579	$7,185	$9,613	$12,111	$13,980	$13,440	$14,140	$15,043	$17,192	$111,900
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Distribution			0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			717	1,455	2,424	4,559	7,153	9,571	12,058	13,919	13,381	14,078	14,977	17,116	111,408
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$717	$1,455	$2,424	$4,559	$7,153	$9,571	$12,058	$13,919	$13,381	$14,078	$14,977	$17,116	$111,408

Notes

(A) Line (6 x 7)/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution : Transformers, Capacitors, & Network Protection
(in Dollars)

368 Feeder Hardening Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions		13,636	28,355	28,907	46,212	119,460	81,516	106,001	86,523	(57,758)	20,039	32,793	41,399	129,423	$662,870
	b. Clearings to Plant			0	0	0	0	0	0	6,727	53,361	548	26,425	4,885	147,451	239,397
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	6,727	60,088	60,636	87,061	91,946	239,397	
3	Less Accumulated Depreciation			0	0	0	0	0	0	0	(16)	(161)	(308)	(518)	(741)	
4	CWIP - Non-Interest Bearing		$13,635	41,990	70,898	117,109	236,569	318,085	424,085	503,882	392,763	412,254	418,622	455,136	437,109	
5	Net Investment (Lines 2 + 3 + 4)		$13,635	$41,990	$70,898	$117,109	$236,569	$318,085	$424,085	$510,609	$452,835	$472,729	$505,375	$546,564	$675,765	
6	Average Net Investment			$27,813	$56,444	$94,003	$176,839	$277,327	$371,085	$467,347	$481,722	$462,782	$489,052	$525,970	$611,164	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$38	$78	$129	$243	$382	$511	$643	$663	$637	$673	$724	$841	5,560
	b. Equity Component Grossed Up For Taxes	6.12%		$142	$288	$479	$902	$1,414	$1,892	$2,383	$2,456	$2,359	$2,493	$2,681	$3,116	20,605
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	2.9%		$0	$0	$0	$0	$0	$0	$0	$16	$145	$147	$210	$222	741
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$4	$36	$36	$51	$54	181
	e. Other (D)	2.9%		0	0	0	0	0	0	0	(4)	(15)	(15)	(31)	(39)	(103)
9	Total System Recoverable Expenses (Lines 7 + 8)			$180	$365	$609	$1,145	$1,795	$2,402	$3,026	$3,135	$3,162	$3,334	$3,636	$4,194	$26,984
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$180	$365	$609	$1,145	$1,795	$2,402	$3,026	$3,135	$3,162	$3,334	$3,636	$4,194	$26,984
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Distribution			0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			179	364	606	1,140	1,788	2,392	3,012	3,121	3,148	3,319	3,621	4,176	26,865
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$179	$364	$606	$1,140	$1,788	$2,392	$3,012	$3,121	$3,148	$3,319	$3,621	$4,176	$26,865

Notes

(A) Line (6 x 7)/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution : Services - Overhead
(in Dollars)

369 Feeder Hardening Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions		6,818	14,178	14,454	23,106	59,730	40,758	53,000	43,262	(28,879)	10,020	16,397	20,699	64,712	$331,435
	b. Clearings to Plant			0	0	0	0	0	0	0	0	0	0	0	2,642	2,642
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	0	0	0	2,642	
3	Less Accumulated Depreciation			0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing		$6,818	20,995	35,449	58,555	118,285	159,043	212,043	255,305	226,426	236,445	252,842	273,541	335,611	
5	Net Investment (Lines 2 + 3 + 4)		$6,818	$20,995	$35,449	$58,555	$118,285	$159,043	$212,043	$255,305	$226,426	$236,445	$252,842	$273,541	$338,253	
6	Average Net Investment			$13,907	$28,222	$47,002	$88,420	$138,664	$185,543	$233,674	$240,865	$231,435	$244,644	$263,192	$305,897	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$19	$39	$65	$122	$191	$255	$321	$331	$318	$337	$362	$421	2,781
	b. Equity Component Grossed Up For Taxes	6.12%		$71	$144	$240	$451	$707	$946	$1,191	$1,228	$1,180	$1,247	$1,342	$1,560	10,306
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	4.0%		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	e. Other (D)	4.0%		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)			$90	$183	$304	$572	$898	$1,201	$1,513	$1,559	$1,498	$1,584	$1,704	$1,980	$13,087
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$90	$183	$304	$572	$898	$1,201	$1,513	$1,559	$1,498	$1,584	$1,704	$1,980	$13,087
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Distribution			0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			90	182	303	570	894	1,196	1,506	1,553	1,492	1,577	1,696	1,972	13,030
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$90	$182	$303	$570	$894	$1,196	$1,506	$1,553	$1,492	$1,577	$1,696	$1,972	$13,030

Notes

(A) Line (6 x 7)/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution : Instrumentation Transformers
(in Dollars)

370
Feeder Hardening

Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	Period Total
1	Investments															
	a. Expenditures/Additions		6,818	14,178	14,454	23,106	59,730	40,758	53,000	43,262	(28,879)	10,020	16,397	20,699	64,712	$331,435
	b. Clearings to Plant			0	0	0	0	0	0	0	8,215	5,710	(8,421)	18	4,028	9,549
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	8,215	13,925	5,503	5,521	9,549	
3	Less Accumulated Depreciation			0	0	0	0	0	0	0	0	(41)	(111)	(138)	(166)	
4	CWIP - Non-Interest Bearing		$6,818	20,995	35,449	58,555	118,285	159,043	212,043	255,305	218,211	222,521	247,339	268,020	328,704	
5	Net Investment (Lines 2 + 3 + 4)		$6,818	$20,995	$35,449	$58,555	$118,285	$159,043	$212,043	$255,305	$226,426	$236,404	$252,731	$273,403	$338,087	
6	Average Net Investment			$13,907	$28,222	$47,002	$88,420	$138,664	$185,543	$233,674	$240,865	$231,415	$244,568	$263,067	$305,745	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$19	$39	$65	$122	$191	$255	$321	$331	$318	$336	$362	$421	2,781
	b. Equity Component Grossed Up For Taxes	6.12%		$71	$144	$240	$451	$707	$946	$1,191	$1,228	$1,180	$1,247	$1,341	$1,559	10,304
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	6.0%		$0	$0	$0	$0	$0	$0	$0	$0	$41	$70	$28	$28	166
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$5	$8	$3	$3	20
	e. Other (D)	6.0%		0	0	0	0	0	0	0	0	(20)	(20)	(20)	(20)	(80)
9	Total System Recoverable Expenses (Lines 7 + 8)			$90	$183	$304	$572	$898	$1,201	$1,513	$1,559	$1,524	$1,641	$1,714	$1,990	$13,190
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$90	$183	$304	$572	$898	$1,201	$1,513	$1,559	$1,524	$1,641	$1,714	$1,990	$13,190
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Distribution			0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			90	182	303	570	894	1,196	1,506	1,553	1,517	1,634	1,706	1,982	13,132
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$90	$182	$303	$570	$894	$1,196	$1,506	$1,553	$1,517	$1,634	$1,706	$1,982	$13,132

Notes

(A) Line (6 x 7)/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Wood Pole Replacements
(in Dollars)

355 Wood Pole Program Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions (E)		1 804 062	2 939 824	3 827 852	4 656 395	3 489 020	3 003 394	5 497 480	4 960 433	6 280 686	5 559 400	6 221 275	4 006 734	5 940 704	$56 383 198
	b. Clearings to Plant			344 147	753 959	1 420 170	1 643 068	396 855	6 585 818	811 928	5 216 702	4 231 489	7 921 315	6 307 378	4 064 851	$39 697 680
	c. Adjustments for Base Activity		(1 804 062)	(2 534 170)	(2 534 170)	(2 534 170)	(2 534 170)	(2 534 170)	(2 534 170)	(2 534 170)	(2 534 170)	(2 534 170)	(2 534 170)	(2 534 170)	(2 534 170)	(30 410 044)
	d. Monthly Amount of 2021 SPPCRC Investment (Lines 1a - 1c)			405 654	1 293 682	2 122 225	954 850	469 224	2 963 310	2 426 263	3 746 515	3 025 229	3 687 105	1 472 564	3 406 534	
	e. YTD Amount of 2021 SPPCRC Recoverable Investment			405 654	1 699 336	3 821 560	4 776 410	5 245 634	8 208 944	10 635 207	14 381 722	17 406 951	21 094 056	22 566 620	25 973 154	25 973 154
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	0	3 983 747	7 756 955	9 287 636	
3	Less: Accumulated Depreciation			0	0	0	0	0	0	0	0	0	0	(10 955)	(32 287)	
4	CWIP - Non-Interest Bearing			405 654	1 699 336	3 821 560	4 776 410	5 245 634	8 208 944	10 635 207	14 381 722	17 406 951	17 110 309	14 809 665	16 685 518	
5	Net Investment (Lines 2 3 4)		$0	$405 654	$1 699 336	$3 821 560	$4 776 410	$5 245 634	$8 208 944	$10 635 207	$14 381 722	$17 406 951	$21 094 056	$22 555 665	$25 940 867	
6	Average Net Investment			$202 827	$1 052 495	$2 760 448	$4 298 985	$5 011 022	$6 727 289	$9 422 075	$12 508 464	$15 894 337	$19 250 504	$21 824 861	$24 248 266	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$279	$1 448	$3 798	$5 915	$6 894	$9 256	$12 963	$17 210	$21 868	$26 485	$30 027	$33 362	169 505
	b. Equity Component Grossed Up For Taxes	6.12%		$1 034	$5 366	$14 073	$21 917	$25 547	$34 297	$48 036	$63 771	$81 033	$98 143	$111 268	$123 623	628 107
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	3.3%		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$10 955	$21 332	32 287
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2 540	$4 946	7 485
	e. Other (D)	3.3%		0	0	0	0	0	0	0	0	0	0	(1 006)	(1 918)	(2 924)
9	Total System Recoverable Expenses (Lines 7 8)			$1 313	$6 814	$17 871	$27 832	$32 442	$43 553	$60 999	$80 980	$102 901	$124 628	$153 784	$181 343	$834 460
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$1 313	$6 814	$17 871	$27 832	$32 442	$43 553	$60 999	$80 980	$102 901	$124 628	$153 784	$181 343	$834 460
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Transmission			0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			922	4 784	12 546	19 539	22 775	30 575	42 823	56 851	72 239	87 493	107 961	127 308	585 816
14	Total Jurisdictional Recoverable Costs (Lines 12 13)			$922	$4 784	$12 546	$19 539	$22 775	$30 575	$42 823	$56 851	$72 239	$87 493	$107 961	$127 308	$585 816

Notes:

(A) Line (6 x 7)/12. Based on ROE of 10.5% weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier = 1.3122). Using the 2021 WACC methodology prescr bed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program
(E) Beginning Balance shown will not be part of the 2021 SPP Rate Base calculations per paragraph 3(c) Settlement Agreement filed on July 17 2020 and approved by Order PSC-2020-0410-AS-EI.

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Docket No. 20220010-EI
Duke Energy Florida LLC
Witness: C.A.Menendez
Exh. No. __ (CAM-1)
FORM 7A - Deta l
Page 20 of 45

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Wood Pole Replacements
(in Dollars)

356 Wood Pole Program Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions (E)		222 974	363 349	473 105	575 509	431 227	371 206	679 464	613 087	776 265	687 117	768 922	495 214	734 244	$6 968 710
	b. Clearings to Plant			42 535	93 186	175 527	203 076	49 049	813 978	100 351	644 761	522 993	979 039	779 564	502 397	$4 906 455
	c. Adjustments for Base Activity		(222 974)	(313 212)	(313 212)	(313 212)	(313 212)	(313 212)	(313 212)	(313 212)	(313 212)	(313 212)	(313 212)	(313 212)	(313 212)	(3 758 545)
	d. Monthly Amount of 2021 SPPCRC Investment (Lines 1a - 1c)			50 137	159 893	262 297	118 015	57 994	366 252	299 875	463 052	373 905	455 710	182 002	421 032	
	e. YTD Amount of 2021 SPPCRC Recoverable Investment			50 137	210 030	472 328	590 343	648 337	1 014 589	1 314 464	1 777 516	2 151 421	2 607 131	2 789 133	3 210 165	3 210 165
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	0	492 373	958 725	1 147 910	
3	Less: Accumulated Depreciation			0	0	0	0	0	0	0	0	0	0	(780)	(2 298)	
4	CWIP - Non-Interest Bearing			50 137	210 030	472 328	590 343	648 337	1 014 589	1 314 464	1 777 516	2 151 421	2 114 757	1 830 408	2 062 255	
5	Net Investment (Lines 2 3 4)		$0	$50 137	$210 030	$472 328	$590 343	$648 337	$1 014 589	$1 314 464	$1 777 516	$2 151 421	$2 607 131	$2 788 353	$3 207 868	
6	Average Net Investment			$25 068	$130 084	$341 179	$531 335	$619 340	$831 463	$1 164 526	$1 545 990	$1 964 469	$2 379 276	$2 697 742	$2 998 110	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$34	$179	$469	$731	$852	$1 144	$1 602	$2 127	$2 703	$3 273	$3 712	$4 125	20 952
	b. Equity Component Grossed Up For Taxes	6.12%		$128	$663	$1 739	$2 709	$3 158	$4 239	$5 937	$7 882	$10 015	$12 130	$13 754	$15 285	77 638
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	1.9%		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$780	$1 518	2 298
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$314	$611	925
	e. Other (D)	1.9%		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 8)			$162	$842	$2 209	$3 440	$4 010	$5 383	$7 539	$10 009	$12 718	$15 404	$18 559	$21 539	$101 813
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs A located to Demand			$162	$842	$2 209	$3 440	$4 010	$5 383	$7 539	$10 009	$12 718	$15 404	$18 559	$21 539	$101 813
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Transmission			0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			114	591	1 551	2 415	2 815	3 779	5 293	7 026	8 928	10 814	13 029	15 121	71 476
14	Total Jurisdictional Recoverable Costs (Lines 12 13)			$114	$591	$1 551	$2 415	$2 815	$3 779	$5 293	$7 026	$8 928	$10 814	$13 029	$15 121	$71 476

Notes:

(A) Line (6 x 7)/12. Based on ROE of 10.5% weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier = 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program
(E) Beginning Balance shown will not be part of the 2021 SPP Rate Base calculations per paragraph 3(c) Settlement Agreement filed on July 17 2020 and approved by Order PSC-2020-0410-AS-EI.

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Wood Pole Replacements (Dist Underbuild FERC 364)
(in Dollars)

364 Wood Pole Program Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions (E)		767	1 250	1 628	1 980	1 484	1 277	2 338	2 109	2 671	2 364	2 645	1 704	2 526	$23 975
	b. Clearings to Plant			0	0	0	0	0	0	0	0	0	0	0	16 880	$16 880
	c. Adjustments for Base Activity		(767)	(1 078)	(1 078)	(1 078)	(1 078)	(1 078)	(1 078)	(1 078)	(1 078)	(1 078)	(1 078)	(1 078)	(1 078)	(12 931)
	d. Monthly Amount of 2021 SPPCRC Investment (Lines 1a - 1c)			172	550	902	406	200	1 260	1 032	1 593	1 286	1 568	626	1 448	
	e. YTD Amount of 2021 SPPCRC Recoverable Investment			172	723	1 625	2 031	2 231	3 491	4 522	6 115	7 402	8 969	9 596	11 044	11 044
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	0	0	0	3 949	
3	Less: Accumulated Depreciation			0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing			172	723	1 625	2 031	2 231	3 491	4 522	6 115	7 402	8 969	9 596	7 095	
5	Net Investment (Lines 2 3 4)		$0	$172	$723	$1 625	$2 031	$2 231	$3 491	$4 522	$6 115	$7 402	$8 969	$9 596	$11 044	
6	Average Net Investment			$86	$448	$1 174	$1 828	$2 131	$2 861	$4 006	$5 319	$6 758	$8 186	$9 283	$10 320	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$0	$1	$2	$3	$3	$4	$6	$7	$9	$11	$13	$14	72
	b. Equity Component Grossed Up For Taxes	6.12%		$0	$2	$6	$9	$11	$15	$20	$27	$34	$42	$47	$53	267
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	4.2%		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	e. Other (D)	4.2%		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 8)			$1	$3	$8	$12	$14	$19	$26	$34	$44	$53	$60	$67	$339
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs A located to Demand			$1	$3	$8	$12	$14	$19	$26	$34	$44	$53	$60	$67	$339
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Transmission			0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			1	3	8	12	14	18	26	34	44	53	60	67	338
14	Total Jurisdictional Recoverable Costs (Lines 12 13)			$1	$3	$8	$12	$14	$18	$26	$34	$44	$53	$60	$67	$338

Notes:

(A) Line (6 x 7)/12. Based on ROE of 10.5% weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier = 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program
(E) Beginning Balance shown will not be part of the 2021 SPP Rate Base calculations per paragraph 3(c) Settlement Agreement filed on July 17 2020 and approved by Order PSC-2020-0410-AS-EI.

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Wood Pole Replacements (Dist Underbuild FERC 365)
(in Dollars)

365 Wood Pole Program Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions (E)		36 218	59 019	76 846	93 480	70 044	60 295	110 365	99 583	126 088	111 608	124 895	80 437	119 263	$1 131 923
	b. Clearings to Plant			0	0	0	0	0	0	0	184 072	51 673	1 040	98 591	461 577	$796 952
	c. Adjustments for Base Activity		(36 218)	(50 875)	(50 875)	(50 875)	(50 875)	(50 875)	(50 875)	(50 875)	(50 875)	(50 875)	(50 875)	(50 875)	(50 875)	(610 498)
	d. Monthly Amount of 2021 SPPCRC Investment (Lines 1a - 1c)			8 144	25 971	42 605	19 169	9 420	59 490	48 709	75 213	60 733	74 021	29 563	68 388	
	e. YTD Amount of 2021 SPPCRC Recoverable Investment			8 144	34 115	76 720	95 889	105 309	164 799	213 507	288 721	349 454	423 474	453 037	521 425	521 425
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	0	0	0	186 454	
3	Less: Accumulated Depreciation			0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing			8 144	34 115	76 720	95 889	105 309	164 799	213 507	288 721	349 454	423 474	453 037	334 971	
5	Net Investment (Lines 2 3 4)		$0	$8 144	$34 115	$76 720	$95 889	$105 309	$164 799	$213 507	$288 721	$349 454	$423 474	$453 037	$521 425	
6	Average Net Investment			$4 072	$21 129	$55 417	$86 304	$100 599	$135 054	$189 153	$251 114	$319 087	$386 464	$438 256	$487 231	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$6	$29	$76	$119	$138	$186	$260	$345	$439	$532	$603	$670	3 404
	b. Equity Component Grossed Up For Taxes	6.12%		$21	$108	$283	$440	$513	$689	$964	$1 280	$1 627	$1 970	$2 234	$2 484	12 612
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	2.7%		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	e. Other (D)	2.7%		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 8)			$26	$137	$359	$559	$651	$874	$1 225	$1 626	$2 066	$2 502	$2 837	$3 154	$16 016
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs A located to Demand			$26	$137	$359	$559	$651	$874	$1 225	$1 626	$2 066	$2 502	$2 837	$3 154	$16 016
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Transmission			0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			26	136	357	556	648	871	1 219	1 619	2 057	2 491	2 825	3 141	15 946
14	Total Jurisdictional Recoverable Costs (Lines 12 13)			$26	$136	$357	$556	$648	$871	$1 219	$1 619	$2 057	$2 491	$2 825	$3 141	$15 946

Notes:

(A) Line (6 x 7)/12. Based on ROE of 10.5% weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier = 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program
(E) Beginning Balance shown will not be part of the 2021 SPP Rate Base calculations per paragraph 3(c) Settlement Agreement filed on July 17 2020 and approved by Order PSC-2020-0410-AS-EI.

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Wood Pole Replacements (Dist Underbuild FERC 367)
(in Dollars)

367 Wood Pole Program Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments														
	a. Expenditures/Additions (E)	18	29	38	46	35	30	55	49	62	55	62	40	59	$559
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	394	$394
	c. Adjustments for Base Activity	(18)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(302)
	d. Monthly Amount of 2021 SPPCRC Investment (Lines 1a - 1c)		4	13	21	9	5	29	24	37	30	37	15	34	
	e. YTD Amount of 2021 SPPCRC Recoverable Investment		4	17	38	47	52	81	105	143	173	209	224	258	258
2	Plant-in-Service/Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	92	
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing		4	17	38	47	52	81	105	143	173	209	224	165	
5	Net Investment (Lines 2 3 4)	$0	$4	$17	$38	$47	$52	$81	$105	$143	$173	$209	$224	$258	
6	Average Net Investment		$2	$10	$27	$43	$50	$67	$93	$124	$158	$191	$217	$241	
7	Return on Average Net Investment (A) Jan-Dec														
	a. Debt Component 1.65%		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	2
	b. Equity Component Grossed Up For Taxes 6.12%		$0	$0	$0	$0	$0	$0	$0	$1	$1	$1	$1	$1	6
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses														
	a. Depreciation 3.0%		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Amortization		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes 0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	e. Other (D) 3.0%		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 8)		$0	$0	$0	$0	$0	$0	$1	$1	$1	$1	$1	$2	$8
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs A located to Demand		$0	$0	$0	$0	$0	$0	$1	$1	$1	$1	$1	$2	$8
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Transmission		0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	1	1	1	1	1	2	8
14	Total Jurisdictional Recoverable Costs (Lines 12 13)		$0	$0	$0	$0	$0	$0	$1	$1	$1	$1	$1	$2	$8

Notes:

(A) Line (6 x 7)/12. Based on ROE of 10.5% weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier = 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program
(E) Beginning Balance shown will not be part of the 2021 SPP Rate Base calculations per paragraph 3(c) Settlement Agreement filed on July 17 2020 and approved by Order PSC-2020-0410-AS-EI.

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Wood Pole Replacements (Dist Underbuild FERC 368)
(in Dollars)

368 Wood Pole Program Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments														
	a. Expenditures/Additions (E)	456	743	967	1 176	881	759	1 389	1 253	1 586	1 404	1 571	1 012	1 501	$14 242
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	3 702	6 325	$10 027
	c. Adjustments for Base Activity	(456)	(640)	(640)	(640)	(640)	(640)	(640)	(640)	(640)	(640)	(640)	(640)	(640)	(7 681)
	d. Monthly Amount of 2021 SPPCRC Investment (Lines 1a - 1c)		102	327	536	241	119	749	613	946	764	931	372	860	
	e. YTD Amount of 2021 SPPCRC Recoverable Investment		102	429	965	1 207	1 325	2 074	2 686	3 633	4 397	5 328	5 700	6 561	6 561
2	Plant-in-Service/Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	2 346	
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing		102	429	965	1 207	1 325	2 074	2 686	3 633	4 397	5 328	5 700	4 215	
5	Net Investment (Lines 2 3 4)	$0	$102	$429	$965	$1 207	$1 325	$2 074	$2 686	$3 633	$4 397	$5 328	$5 700	$6 561	
6	Average Net Investment		$51	$266	$697	$1 086	$1 266	$1 699	$2 380	$3 160	$4 015	$4 863	$5 514	$6 130	
7	Return on Average Net Investment (A) Jan-Dec														
	a. Debt Component 1.65%		$0	$0	$1	$1	$2	$2	$3	$4	$6	$7	$8	$8	43
	b. Equity Component Grossed Up For Taxes 6.12%		$0	$1	$4	$6	$6	$9	$12	$16	$20	$25	$28	$31	159
	c. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses														
	a. Depreciation 2.9%		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Amortization		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes 0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	e. Other (D) 2.9%		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 8)		$0	$2	$5	$7	$8	$11	$15	$20	$26	$31	$36	$40	$202
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs A located to Demand		$0	$2	$5	$7	$8	$11	$15	$20	$26	$31	$36	$40	$202
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Transmission		0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)		0	2	4	7	8	11	15	20	26	31	36	40	201
14	Total Jurisdictional Recoverable Costs (Lines 12 13)		$0	$2	$4	$7	$8	$11	$15	$20	$26	$31	$36	$40	$201

Notes:

(A) Line (6 x 7)/12. Based on ROE of 10.5% weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier = 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program
(E) Beginning Balance shown will not be part of the 2021 SPP Rate Base calculations per paragraph 3(c) Settlement Agreement filed on July 17 2020 and approved by Order PSC-2020-0410-AS-EI.

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Tower Replacements
(in Dollars)

354 Tower Replace

Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions		$0	0	0	0	0	0	120	0	3,288	182,930	580,247	175,917	307,108	$1,249,609
	b. Clearings to Plant			0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	0	0	0	0	
3	Less Accumulated Depreciation			0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing		0	0	0	0	0	0	120	120	3,407	186,338	766,584	942,502	1,249,609	
5	Net Investment (Lines 2 + 3 + 4)		$0	$0	$0	$0	$0	$0	$120	$120	$3,407	$186,338	$766,584	$942,502	$1,249,609	
6	Average Net Investment			$0	$0	$0	$0	$0	$60	$120	$1,763	$94,873	$476,461	$854,543	$1,096,055	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$0	$0	$0	$0	$0	$0	$0	$2	$131	$656	$1,176	$1,508	3,472
	b. Equity Component Grossed Up For Taxes	6.12%		$0	$0	$0	$0	$0	$0	$1	$9	$484	$2,429	$4,357	$5,588	12,867
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	1.3%		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	e. Other (D)	1.3%		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)			$0	$0	$0	$0	$0	$0	$1	$11	$614	$3,085	$5,532	$7,096	$16,340
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$0	$0	$0	$0	$0	$0	$1	$11	$614	$3,085	$5,532	$7,096	$16,340
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Transmission			0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			0	0	0	0	0	0	1	8	431	2,166	3,884	4,982	11,471
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$0	$0	$0	$0	$0	$0	$1	$8	$431	$2,166	$3,884	$4,982	$11,471

Notes

(A) Line (6 x 7)/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Tower Replacements
(in Dollars)

356 Tower Replace

Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$15	$0	$406	$22,609	$71,716	$21,743	$37,957	$154,446
	b. Clearings to Plant			0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	0	0	0	0	
3	Less Accumulated Depreciation			0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing		0	0	0	0	0	0	15	15	421	23,030	94,746	116,489	154,446	
5	Net Investment (Lines 2 + 3 + 4)		$0	$0	$0	$0	$0	$0	$15	$15	$421	$23,030	$94,746	$116,489	$154,446	
6	Average Net Investment			$0	$0	$0	$0	$0	$7	$15	$218	$11,726	$58,888	$105,618	$135,468	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$0	$0	$0	$0	$0	$0	$0	$0	$16	$81	$145	$186	429
	b. Equity Component Grossed Up For Taxes	6.12%		$0	$0	$0	$0	$0	$0	$0	$1	$60	$300	$538	$691	1,590
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	1.9%		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	e. Other (D)	1.9%		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)			$0	$0	$0	$0	$0	$0	$0	$1	$76	$381	$684	$877	$2,020
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$0	$0	$0	$0	$0	$0	$0	$1	$76	$381	$684	$877	$2,020
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Transmission			0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			0	0	0	0	0	0	0	1	53	268	480	616	1,418
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$0	$0	$0	$0	$0	$0	$0	$1	$53	$268	$480	$616	$1,418

Notes

(A) Line (6 x 7)/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11
(D) Credit for depreciation expense related to rate base asset retirements resulting from this SPP Program

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening -Transmission: Cathodic Protection
(in Dollars)

354 Tower Cathodic Protection

Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions		$0	$0	$0	$0	$421,520	$599,400	$306,361	($43,921)	$122,122	$160,485	$0	$0	$968,960	$2,534,927
	b. Clearings to Plant			0	0	0	0	0	0	0	0	1,565,967	0	0	0	1,565,967
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	1,565,967	1,565,967	1,565,967	1,565,967	
3	Less Accumulated Depreciation			0	0	0	0	0	0	0	0	0	(1,696)	(3,393)	(5,089)	
4	CWIP - Non-Interest Bearing		0	0	0	0	421,520	1,020,920	1,327,280	1,283,360	1,405,482	0	0	0	968,960	
5	Net Investment (Lines 2 + 3 + 4)		$0	$0	$0	$0	$421,520	$1,020,920	$1,327,280	$1,283,360	$1,405,482	$1,565,967	$1,564,271	$1,562,574	$2,529,838	
6	Average Net Investment			$0	$0	$0	$210,760	$721,220	$1,174,100	$1,305,320	$1,344,421	$1,485,725	$1,565,119	$1,563,423	$2,046,206	
7	Return on Average Net Investment (A)	Jan-Dec														
	a. Debt Component	1.65%		$0	$0	$0	$290	$992	$1,615	$1,796	$1,850	$2,044	$2,153	$2,151	$2,815	15,707
	b. Equity Component Grossed Up For Taxes	6.12%		$0	$0	$0	$1,074	$3,677	$5,986	$6,655	$6,854	$7,575	$7,979	$7,971	$10,432	58,203
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	1.3%		$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,696	$1,696	$1,696	5,089
	b. Amortization			0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		0	0	0	0	0	0	0	0	0	925	925	925	2,776
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)			$0	$0	$0	$1,364	$4,669	$7,601	$8,451	$8,704	$9,619	$12,754	$12,743	$15,869	$81,775
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$0	$0	$0	$1,364	$4,669	$7,601	$8,451	$8,704	$9,619	$12,754	$12,743	$15,869	$81,775
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Transmission			0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			0	0	0	958	3,278	5,336	5,933	6,110	6,753	8,954	8,946	11,140	57,408
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$0	$0	$0	$958	$3,278	$5,336	$5,933	$6,110	$6,753	$8,954	$8,946	$11,140	$57,408

Notes

(A) Line (6 x 7)/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure and statutory income tax rate of 23.793% (inc tax multiplier 1.3122). Using the 2021 WACC methodology prescribed in Order No. PSC-2020-0165-PAA-EU Docket No. 20200118-EU.
(B) Line 9a x Line 10
(C) Line 9b x Line 11

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening OH - Distribution
(in Dollars)

Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions (A)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant			0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	0	0	0	0	
3	Less Accumulated Depreciation			0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
6	Average Net Investment			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
7	Return on Average Net Investment	Jan-Dec														
	a. Debt Component			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Equity Component Grossed Up For Taxes			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Distribution			0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Notes

(A) Consistent with the 2020 SPP/SPPCRC Agreement, DEF is not seeking recovery of any targeted underground costs or Self Optimizing Grid costs through the SPPCRC in 2021. DEF will also include the engineering costs for Lateral Hardening OH, incurred in 2021 to support 2022 project activities, in the Beginning of Period Amount in Exhibit (CAM-2), line 1.a. of the 2022 SPPCRC Estimated/Actual Filing; the treatment of these costs is consistent with DEF's filing in the 2021 Estimated/Actual Exhibit (CAM-1) and 2022 Projection filing Exhibit (CAM-2) in Docket No. 20210010-EI.
(B) Line 9a x Line 10
(C) Line 9b x Line 11

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Self-Optimizing Grid Automation - Distribution
(in Dollars)

Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions (A)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant			0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	0	0	0	0	
3	Less Accumulated Depreciation			0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
6	Average Net Investment			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
7	Return on Average Net Investment	Jan-Dec														
	a. Debt Component			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Equity Component Grossed Up For Taxes			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	e. Other (D)			0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Distribution			0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Notes

(A) Consistent with the 2020 SPP/SPPCRC Agreement, DEF is not seeking recovery of any targeted underground costs or Self Optimizing Grid costs through the SPPCRC in 2021. DEF will also include the engineering costs for Lateral Hardening OH, incurred in 2021 to support 2022 project activities, in the Beginning of Period Amount in Exhibit (CAM-2), line 1.a. of the 2022 SPPCRC Estimated/Actual Filing; the treatment of these costs is consistent with DEF's filing in the 2021 Estimated/Actual Exhibit (CAM-1) and 2022 Projection filing Exhibit (CAM-2) in Docket No. 20210010-EI.
(B) Line 9a x Line 10
(C) Line 9b x Line 11

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Self-Optimizing Grid C&C - Distribution
(in Dollars)

Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions (A)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant			0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	0	0	0	0	
3	Less Accumulated Depreciation			0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
6	Average Net Investment			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
7	Return on Average Net Investment	Jan-Dec														
	a. Debt Component			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Equity Component Grossed Up For Taxes			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Distribution			0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Notes

(A) Consistent with the 2020 SPP/SPPCRC Agreement, DEF is not seeking recovery of any targeted underground costs or Self Optimizing Grid costs through the SPPCRC in 2021. DEF will also include the engineering costs for Lateral Hardening OH, incurred in 2021 to support 2022 project activities, in the Beginning of Period Amount in Exhibit (CAM-2), line 1.a. of the 2022 SPPCRC Estimated/Actual Filing; the treatment of these costs is consistent with DEF's filing in the 2021 Estimated/Actual Exhibit (CAM-1) and 2022 Projection filing Exhibit (CAM-2) in Docket No. 20210010-EI.
(B) Line 9a x Line 10
(C) Line 9b x Line 11

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening Underground - Distribution
(in Dollars)

Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions (A)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant			0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	0	0	0	0	
3	Less Accumulated Depreciation			0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
6	Average Net Investment			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
7	Return on Average Net Investment	Jan-Dec														
	a. Debt Component			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Equity Component Grossed Up For Taxes			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.007651		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	e. Other	4.2%		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Distribution			0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Notes

(A) Consistent with the 2020 SPP/SPPCRC Agreement, DEF is not seeking recovery of any targeted underground costs or Self Optimizing Grid costs through the SPPCRC in 2021. DEF will also include the engineering costs for Lateral Hardening OH, incurred in 2021 to support 2022 project activities, in the Beginning of Period Amount in Exhibit (CAM-2), line 1.a. of the 2022 SPPCRC Estimated/Actual Filing; the treatment of these costs is consistent with DEF's filing in the 2021 Estimated/Actual Exhibit (CAM-1) and 2022 Projection filing Exhibit (CAM-2) in Docket No. 20210010-EI.
(B) Line 9a x Line 10
(C) Line 9b x Line 11

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Substation Hardening - Breaker Replacements & Electromechanical Relays - Transmission
(in Dollars)

Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions (A)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant			0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	0	0	0	0	
3	Less Accumulated Depreciation			0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
6	Average Net Investment			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
7	Return on Average Net Investment	Jan-Dec														
	a. Debt Component			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Equity Component Grossed Up For Taxes			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Distribution			0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Notes

(A) Consistent with the 2020 SPP/SPPCRC Agreement, DEF is not seeking recovery of any targeted underground costs or Self Optimizing Grid costs through the SPPCRC in 2021. DEF will also include the engineering costs for Substation Hardening, incurred in 2021 to support 2022 project activities, in the Beginning of Period Amount in Exhibit (CAM-2), line 1.a. of the 2022 SPPCRC Estimated/Actual Filing; the treatment of these costs is consistent with DEF's filing in the 2021 Estimated/Actual Exhibit (CAM-1) and 2022 Projection filing Exhibit (CAM-2) in Docket No. 20210010-EI.
(B) Line 9a x Line 10
(C) Line 9b x Line 11

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission - Overhead Groundwire
(in Dollars)

Line	Description		Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments															
	a. Expenditures/Additions (A)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant			0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			0	0	0	0	0	0	0	0	0	0	0	0	
3	Less Accumulated Depreciation			0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
6	Average Net Investment			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
7	Return on Average Net Investment	Jan-Dec														
	a. Debt Component			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Equity Component Grossed Up For Taxes			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Other			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
8	Investment Expenses															
	a. Depreciation			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	b. Amortization			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.0070902		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
10	Energy Jurisdictional Factor			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Distribution			0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	
12	Retail Energy-Related Recoverable Costs (B)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	Retail Demand-Related Recoverable Costs (C)			0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Notes

(A) Consistent with the 2020 SPP/SPPCRC Agreement, DEF is not seeking recovery of any targeted underground costs or Self Optimizing Grid costs through the SPPCRC in 2021. DEF will also include the engineering costs for Structure Hardening OHGW, incurred in 2021 to support 2022 project activities, in the Beginning of Period Amount in Exhibit (CAM-2), line 1.a. of the 2022 SPPCRC Estimated/Actual Filing; the treatment of these costs is consistent with DEF's filing in the 2021 Estimated/Actual Exhibit (CAM-1) and 2022 Projection filing Exhibit (CAM-2) in Docket No. 20210010-EI.
(B) Line 9a x Line 10
(C) Line 9b x Line 11

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Actual Period Amount
January 2021 - December 2021

Project Description and Progress Report

Activity Title: Feeder Hardening - Distribution

Description : The Feeder Hardening program will enable the feeder backbone to better withstand extreme weather events. This includes strengthening structures, updating BIL (basic insulation level) to current standards, updating conductor to current standards, relocating difficult to access facilities, replacing oil filled equipment as appropriate, and will incorporate the company's pole inspection and replacement activities

Accomplishments :

Fiscal Expenditures: DEF spent $31,177,621 on engineering and construction for the 2021 Feeder hardening work through December 31, 2021. In addition, DEF spent an additional $1,965,893 in 2021 on engineering and design for the 2022 Feeder hardening workplan.

Progress Summary: Duke is on track to complete the entire 2021 work plan by March 31, 2022. In addition, engineering on the 2022 targets identified began in July 2021 allowing for construction of the 2022 workplan to begin in January 2022.

Activity Title: Lateral Hardening - Overhead

Description :

The overhead hardening strategy will include structure strengthening, deteriorated conductor replacement, removing open secondary wires, replacing fuses with automated line devices, pole replacement (when needed), line relocation, and/or hazard tree removal.

Accomplishments :

Fiscal Expenditures: DEF spent $1,971,063 on engineering for the 2022 Lateral Hardening Overhead Program for construction activities to begin in 2022.

Progress Summary: DEF has identified targets and created a 2022 work plan for construction activities; 2022 will be the inaugural year for recovery through the SPPCRC.

Activity Title: Lateral Hardening - Underground

Description : Lateral segments that are most prone to damage resulting in outages during extreme weather events will be placed underground. Doing so will greatly reduce both damage costs and outage duration for DEF customers. Lateral Undergrounding focuses on branch lines that historically experience the most outage events, contain assets of greater vintage, are susceptible to damage from vegetation, and/or often have facilities that are inaccessible to trucks. These branch lines will be replaced with a modern, updated, and standard underground design of today.

Accomplishments :

Fiscal Expenditures: DEF spent $2,875,204 on engineering for the 2022 SPP Lateral Hardening Underground Program for construction activities to begin in 2022.

Progress Summary: DEF has identified targets and created a 2022 work plan for construction activities; 2022 will be the inaugural year for recovery through the SPPCRC.

Activity Title: Self-Optimizing - Capacity and Connectivity

Description : The current grid has limited ability to reroute and rapidly restore power. The SOG program is established to address both of these issues. The SOG program consists of three (3) major components: capacity, connectivity, and automation and intelligence. The SOG program redesigns key portions of the distribution system and transforms it into a dynamic smart-thinking, self-healing network.

The SOG Capacity projects focus on expanding substation and distribution line capacity to allow for two-way power flow. SOG Connectivity projects create tie points between circuits.

Accomplishments :

Fiscal Expenditures: DEF spent $394,045 on engineering for the 2022 SOG - Capacity and Connectivity for construction activities to begin in 2022.

Progress Summary: DEF has identified targets and created a 2022 work plan for construction activities; 2022 will be the inaugural year for recovery through the SPPCRC.

Activity Title: Self-Optimizing Grid - Automation

Description : The current grid has limited ability to reroute and rapidly restore power. The SOG program is established to address both of these issues. The SOG program consists of three (3) major components: capacity, connectivity, and automation and intelligence. The SOG program redesigns key portions of the distribution system and transforms it into a dynamic smart-thinking, self-healing network.

SOG Automation projects provide intelligence and control for the SOG operations; Automation projects enable the grid to dynamically reconfigure around trouble and restore customers not impacted by an outage.

Accomplishments :

Fiscal Expenditures: DEF spent $1,994,470 on engineering for the 2022 SOG - Automation for construction activities to begin in 2022.

Progress Summary: DEF has identified targets and created a 2022 work plan for construction activities; 2022 will be the inaugural year for recovery through the SPPCRC.

Activity Title: Structure Hardening - Transmission: Wood to Non-Wood Pole Replacement

Description : This activity will upgrade wood poles to non-wood material such as steel or concrete. Wood pole failure has been the predominate structure damage to the transmission system during extreme weather. This strengthens structures by eliminating damage from woodpeckers and wood rot. The new structures will be more resistant to damage from extreme weather events. Other related hardware upgrades will occur simultaneously, such as insulators, crossarms, switches, and guys. This will upgrade an identified 20,520 wood poles.

Accomplishments :

Fiscal Expenditures:

January, 2021 to December 31, 2021 Capital expenditures were $64,522,607 of this amount, $34,800,000 was applied to Base Rates and not recoved through the SPPCRC.

Progress Summary: January 1, 2021 to December 31, 2021 DEF replaced 1,271 poles in 44 locations. DEF also perfomed engineering activities and procured materials in preparation to execute 2022 workplan.

Activity Title: Structure Hardening - Transmission: Tower Upgrades

Description : Tower Upgrade will prioritize towers based on inspection data and enhanced weather modeling.
The upgrade activities will replace tower types that have previously failed during extreme weather events. Over 700 towers have been identified as having this design type.

In addition, the tower upgrade activities will upgrade lattice towers identified by visual ground inspections, aerial drone inspections and data gathered during cathodic protection installations (discussed below). This will improve the ability of the transmission grid to sustain operations
during extreme weather events by reducing outages and improving restoration times. Other related hardware upgrades will occur simultaneously such as insulators, cathodic protection,
and guys.

Accomplishments :

Fiscal Expenditures:

January, 2021 to December 31, 2021 Capital expenditures were $1,404,055

Progress Summary:

January 1, 2021 to December 31, 2021 DEF replaced 7 Towers in 1 location

Activity Title: Structure Hardening - Transmission: Tower Drone Inspections

Description : Further, in 2021 DEF will conduct drone inspections on targeted lattice tower lines. The intent of this additional inspection is to identify otherwise difficult to see structure, hardware, or insulation vulnerabilities through high resolution imagery. DEF is incorporating drone patrols into the inspections because drones have the unique ability to provide a close vantage point with multiple angles on structures that is unattainable through aerial or ground patrols with binoculars.

Accomplishments :

Fiscal Expenditures:

January, 2021 to December 31, 2021 O&M expenditures were $116,187

Progress Summary:

January 1, 2021 to December 31, 2021 DEF inspected 575 Towers in 3 locations

Activity Title: Structure Hardening - Transmission: Tower Cathodic Protection

Description : The purpose of the Cathodic Protection (CP) activities will be to mitigate active groundline corrosion on the lattice tower system. This will be done by installing passive CP systems comprised of anodes on each leg of lattice towers. The anodes serve as sacrificial assets that corrode in place of structural steel, preventing loss of structure strength to corrosion. Each CP project will address all towers on a line from beginning point to end point.

Accomplishments :

Fiscal Expenditures:

January 1, 2021 to December 31, 2021 Capital expenditures were $2,534,927

Progress Summary:

January 1, 2021 to December 31, 2021 DEF installed 255 CP in 2 locations

Activity Title: Structure Hardening - Transmission - Overhead Ground Wire

Description :

The Overhead Ground Wires standards-based activity targets replacement of transmission overhead ground wire susceptible to damage or failure with optical ground wire (OPGW). OPGW improves grounding and lightning protection and provides high speed transmission of data for system protection and control and communications.

Accomplishments :

Fiscal Expenditures: DEF spent $67,036 on engineering for the 2022 Structure Hardening - Overhead Ground Wire for construction activities to begin in 2022.

Progress Summary: January 1, 2021 to December 31, 2021 DEF perfomed engineering activities and procured materials in preparation to execute 2022 workplan. 2022 will be the inaugural year for recovery through the SPPCRC.

Activity Title: Substation Hardening- Transmission - Breaker Replacements

Description :

Replacing oil circuit breakers with state-of-the-art breakers will result in the transmission system being able to more effectively and consistently isolate faults, reclose after momentary interruptions, and improve the customer experience through fewer interruptions. Oil circuit breakers are more unreliable than gas or vacuum breakers, especially in circumstances where they are operating numerous times over a short period, such as during extreme weather events. When oil circuit breakers are repeatedly called to operate, they can generate arcing gasses within the oil tank that can accumulate and result in catastrophic failure. Existing vintage oil breakers are less reliable when isolating line faults and can contribute to increased and longer customer outages when there is a failure.

Accomplishments :

Fiscal Expenditures: DEF spent $104,459 on engineering for the 2022 Substation Hardening - Breaker Replacements for construction activities to begin in 2022.

Progress Summary: January 1, 2021 to December 31, 2021 DEF perfomed engineering activities and procured materials in preparation to execute 2022 workplan. 2022 will be the inaugural year for recovery through the SPPCRC.

Duke Energy Florida
Cost Recovery Clause
January 2021 - December 2021
Actual Capital Structure and Cost Rates

Docket No. 20220010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. (CAM-1)
Form 9A

		(1) Jurisdictional Rate Base Adjusted Retail ($000s)	(2) Cap Ratio	(3) Cost Rate	(4) Weighted Cost	(5) Revenue Requirement Rate	(6) Monthly Revenue Requirement Rate
1	Common Equity	$ 6,688,612	43.79%	10.50%	4.60%	6.04%	0.5033%
2	Long Term Debt	5,674,817	37.16%	4.31%	1.60%	1.60%	0.1333%
3	Short Term Debt	260,772	1.71%	0.16%	0.00%	0.00%	0.0000%
4	Cust Dep Active	178,995	1.17%	2.65%	0.03%	0.03%	0.0025%
5	Cust Dep Inactive	1,625	0.01%			0.00%	0.0000%
6	Invest Tax Cr	165,584	1.08%	7.66%	0.08%	0.10%	0.0083%
7	Deferred Inc Tax	2,302,312	15.07%			0.00%	0.0000%
8	**Total**	**$ 15,272,718**	**100.00%**		**6.31%**	**7.77%**	**0.6475%**

	ITC split between Debt and Equity**:	Ratio	Cost Rate	Ratio	Ratio	Weighted ITC	Weighted ITC	After Gross-up
9	Common Equity	6,688,612	54%	10.5%	5.68%	74.2%	0.08%	0.0593%	0.078%
10	Preferred Equity	-	0%				0.08%	0.0000%	0.000%
11	Long Term Debt	5,674,817	46%	4.31%	1.98%	25.8%	0.08%	0.0207%	0.021%
12	ITC Cost Rate	12,363,429	100%		7.66%			0.0800%	0.099%

	Breakdown of Revenue Requirement Rate of Return between Debt and Equity:	
13	Total Equity Component (Lines 1 and 9)	6.118%
14	Total Debt Component (Lines 2, 3 , 4 , and 11)	1.651%
15	**Total Revenue Requirement Rate of Return**	7.769%

Notes:

Statutory Tax Rate: 23.793%

Column:

(1) Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology
(2) Column (1) / Total Column (1)
(3) Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology
Line 6 and Line 12, the cost rate of ITC's is determined under Treasury Regulation section 1.46-6(b)(3)(ii).
(4) Column (2) x Column (3)
(5) For equity components: Column (4) / (1-effective income tax rate/100)
* For debt components: Column (4)
** Line 6 is the pre-tax ITC components from Lines 9 and 11
(6) Column (5) / 12

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE

DOCKET NO. 20220010-EI

DIRECT TESTIMONY OF BRIAN LLOYD

ON BEHALF OF DUKE ENERGY FLORIDA, LLC

APRIL 1, 2022

I. INTRODUCTION AND QUALIFICATIONS.

Q. Please state your name and business address.

A. My name is Brian M. Lloyd. My current business address is 3250 Bonnet Creek Road, Lake Buena Vista, FL 32830.

Q. By whom are you employed and in what capacity?

A. I am employed by Duke Energy Florida, LLC ("DEF" or the "Company") as General Manager, Florida Major Projects.

Q. What are your responsibilities as General Manager, Florida Major Projects?

A. My duties and responsibilities include planning for grid upgrades, system planning, and overall Distribution asset management strategy across Duke Energy Florida, as well as the Project Management for executing the work identified.

Q. Please summarize your educational background and work experience.

A. I have a Bachelor of Science degree in Mechanical Engineering from Clemson University and am a registered Professional Engineer in the state of Florida. Throughout my 16 years at Duke Energy, I have held various positions within distribution ranging from Engineer to General Manager focusing on Asset Management, Asset Planning, Distribution Design and Project Management. My current position as General Manager of Region Major Projects began in January 2020.

II. PURPOSE AND SUMMARY OF TESTIMONY.

Q. What is the purpose of your direct testimony?

A. The purpose of my direct testimony is to support the Company's request for recovery of Distribution-related costs associated with DEF's Storm Protection Plan ("SPP") through the Storm Protection Plan Cost Recovery Clause ("SPPCRC"). My testimony will focus on SPP programs with material variances between actuals and the actual/estimated program expenditures.

Q. Do you have any exhibits to your testimony as it relates to January 2021 through December 2021 Distribution investments?

A. No, but I am co-sponsoring portions of the schedules attached to Mr. Menendez's direct testimony, included as part of Exhibit No. __(CAM-1). Specifically, I am sponsoring the Distribution-related O&M project level information shown on Schedule Form 5A, the Distribution-related Capital Projects on Form 7A, the

Program Description and Progress Report on Form 8A (pages 34-38 of 45), and the cost portions of:

- Form 5A (Page 5 of 45, Lines 1 through 1b), and
- Form 7A (Pages 12-18 and 28-31of 45, Lines 1a and 1b), which includes the 2020 capital spend reflected in the Beginning Balance figures for the Feeder Hardening Program.

Q. Please summarize your testimony.

A. In 2021, the Distribution Feeder Hardening Program incurred costs related to the engineering and construction costs associated with hardening seventeen distribution circuits. Additionally, DEF incurred costs associated with planning and engineering projects scheduled for 2022 within Distribution Feeder Hardening. These costs are not being recovered through base rates or any other clause mechanism, as such, they should be approved for recovery through the SPPCRC.

III. OVERVIEW OF SPP PROGRAM MATERIAL VARIANCES FROM ESTIMATES

Q. How did the 2021 scope and actual expenditures compare to the actual/estimated scope and expenditures for the SPP Distribution Feeder Hardening program?

A. DEF's 2021 Feeder Hardening scope was reduced from the actual/estimated 57.7 miles to approximately 56.4 miles due to the reduction of 1.3 miles on feeder K206. This reduction was due portions of the circuit being requested to be placed underground at the customer's expense and another section that had been recently

rebuilt. DEF had planned to complete approximately 56.4 miles of feeder hardening on 17 distribution circuits, but completed 46.7 miles on these 17 circuits in 2021.

DEF's actual 2021 Feeder Hardening capital spend was approximately $33.1M compared to the actual/estimated spend of $59.2M. The capital variance is primarily driven by delays in completing the work due to standing this new program up, onboarding new vendors and lasting impacts from the ongoing pandemic. The latter had impacts on the vendors being able to acquire equipment, such as line trucks and tools; material shortages; labor constraints in the region; and crews having to be quarantined due to testing positive for or being directly exposed to the COVID-19 virus. Additional expenditure variance was driven by favorable unit costs compared to the original estimates, delays in project close and the aforementioned change in scope on K206. DEF completed the remaining 2021 Feeder Hardening work by March 10, 2022. This resulted in approximately $12.6M in costs for projects originally planned for 2021 being incurred in 2022.

Q. Does this conclude your testimony?

A. Yes, it does.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE

DOCKET NO. 20220010-EI

DIRECT TESTIMONY OF ROBERT BRONG

ON BEHALF OF DUKE ENERGY FLORIDA, LLC

APRIL 1, 2022

I. INTRODUCTION AND QUALIFICATIONS.

Q. Please state your name and business address.

A. My name is Robert E. Brong. My current business address is 3300 Exchange Place, Lake Mary, FL 32746.

Q. By whom are you employed and in what capacity?

A. I am employed by Duke Energy Florida, LLC ("DEF") as Director, Transmission Resources and Project Management.

Q. What are your responsibilities as Director, Transmission Resources and Project Management?

A. My duties and responsibilities include the execution of capital projects for grid upgrades, system planning, and Transmission asset management across Duke Energy Florida.

Q. Please summarize your educational background and work experience.

A. I have an undergraduate degree from the University of Pittsburgh, and a master's degree in Business Administration from the University of Central Florida. Throughout my 20 years at Duke Energy, I have held various positions within distribution and transmission ranging from Manager, Sr. Project Manager, Director, focusing on the planning and execution of transmission capital projects. My current position as Director of Transmission Projects began in September 2020.

II. PURPOSE AND SUMMARY OF TESTIMONY.

Q. What is the purpose of your direct testimony?

A. The purpose of my direct testimony is to support the Company's request for recovery of Transmission-related costs associated with DEF's Storm Protection Plan ("SPP") through the Storm Protection Plan Cost Recovery Clause ("SPPCRC") and to explain material variances between actual and actual/estimated program expenditures.

Q. Do you have any exhibits to your testimony as it relates to January 2021 through December 2021 Transmission investments?

A. No, but I am co-sponsoring portions of the schedules attached to Mr. Menendez's direct testimony, included as part of Exhibit No. __(CAM-1). Specifically, I am sponsoring the 2021 Transmission-related O&M project level information shown

on Schedule Form 5A, the Transmission-related Capital Projects on Form 7A, the Program Description and Progress Report on Form 8A (pages 39-44 of 45), and the cost portions of:

- Form 5A (Page 5 of 45, Lines 2 through 2b), and
- Form 7A (Pages 19-27 and 32-33 of 45, Lines 1a and 1b).

Q. Please summarize your testimony.

A. In 2021, the Transmission Structure Hardening Program, specifically the Wood to non-Wood pole replacements, Tower replacements, Cathodic Protection, and Drone Inspections activities, incurred costs to execute DEF's 2021 workplans. Additionally, DEF incurred costs to procure material and equipment and perform analytical and engineering work in preparation for projects to be completed in 2022. These costs are not being recovered through base rates or any other clause mechanism, as such, they should be approved for recovery through the SPPCRC.

III. OVERVIEW OF SPP PROGRAMS VARIANCES FROM ESTIMATES

Q. How does DEF's 2021 actual spend amounts compare with the 2021 actual/estimated spend for the Transmission Structure Hardening - Wood to Non-wood pole replacement sub-program of the PSC-approved Storm Protection Plan?

A. DEF's actual and actual/estimated 2021 capital spend was approximately $64.5M, which is roughly $6.0M lower than the actual/estimated spend of $70.5M. This variance is primarily due to approximately $4.3M of work that is shifting into 2022

because of outage constraints in 2021 and $1.7M due to work reprioritized to 2025. The $64.5M of spend is shown on Exhibit No. _ (CAM-1), Schedule Form 7A, (pages 19-24 of 45) (Line 1a).

Q. How does DEF's 2021 actual spend amounts compare with the 2021 actual/estimated spend for the Transmission Structure Hardening – Tower replacement sub-program of the PSC-approved Storm Protection Plan?

A. DEF's actual 2021 capital spend was approximately $1.4M, which is roughly $0.4M less than the actual/estimated spend of $1.8M. This variance represents a shift of expected costs from 2021 into 2022. The $0.4M variance is due to environmental constraints, that is, the presence of an eagle's nest that prevented us from replacing a tower in 2021; the last tower was replaced in early January 2022. The $1.4M of spend is shown on Exhibit No. _ (CAM-1), Schedule Form 7A, (pages 25-26 of 45) (Line 1a).

In 2021, DEF expected to incur an associated amount of O&M totaling approximately $20K related to this activity, shown on Schedule Form 5A (page 4 of 45) (Line 2.2), in Exhibit No. __(CAM-1). DEF did not accrue any O&M expense in 2021 and the O&M associated to Tower Replacements in 2021 will be charged in 2022.

Q. How does DEF's 2021 actual spend amounts compare with the 2021 actual/estimated spend for the Transmission Structure Hardening – Cathodic Protection sub-program of the PSC-approved Storm Protection Plan?

A. DEF's actual 2021 capital spend was approximately $2.5M, which is approximately $1.5M higher than the actual/estimated spend of $1M. This variance is primarily due to a shift of 2022 expenditures into 2021 including approximately $0.9M of expenditures for acquiring materials in preparation of 2022 work. The $2.5M of spend is shown on Exhibit No. _ (CAM-1), Schedule Form 7A, (pages 27 of 45) (Line 1a).

In 2021, DEF also expected to incur an associated amount of O&M totaling approximately $0.2M to this activity, shown on Schedule Form 5A (page 4 of 45) (Line 2.3), in Exhibit No. __(CAM-1); however, DEF's actual 2021 O&M spend was $0 due to the condition of the inspected Towers being better than expected and repair O&M activities were not required.

Q. Does this conclude your testimony?

A. Yes, it does.