



Matthew R. Bernier
Associate General Counsel

May 3, 2021

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. 20210010-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 2021 Storm Protection Plan Cost Recovery Actual/Estimated True-Up for the Period of January 2021 through December 2021; and 2022 Storm Protection Plan Cost Recovery Factor for the Period of January 2022 through December 2022;
- Direct Testimony of Christopher A. Menendez with Exhibit No. ____ (CAM-1) and Exhibit No. ____ (CAM-2;
- Direct Testimony of Linda Miller;
- Direct Testimony of Sharon Bauer;
- Direct Testimony of Brian Lloyd; and
- Direct Testimony of Ron A. Adams.

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

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Storm Protection Plan Cost Recovery
Clause

Docket No. 20210010-EI

Dated: May 3, 2021

**DUKE ENERGY FLORIDA’S PETITION FOR APPROVAL OF 2021
ACTUAL/ESTIMATED TRUE-UP, 2022 PROJECTED COSTS, AND STORM
PROTECTION PLAN COST RECOVERY FACTOR FOR THE PERIOD JANUARY
2022 THROUGH DECEMBER 2022**

Duke Energy Florida, LLC (“DEF” or the “Company”) hereby petitions this Commission for approval of its Storm Protection Plan Cost Recovery Clause (“SPPCRC”) actual/estimated true-up for the period January 2021 through December 2021, projected costs for the SPPCRC for the period January 2022 through December 2022, and DEF’s storm protection plan cost recovery factors for the period January 2022 through December 2022. In support of this Petition, DEF states as follows:

1. The Petitioner’s name and address are:

Duke Energy Florida, LLC
299 1st Avenue North
St. Petersburg, Florida 33701

2. Any pleading, motion, notice, order, or other document required to be served upon DEF or filed by any party to this proceeding should be served upon the following individuals:

Dianne M. Triplett
dianne.triplett@duke-energy.com
Duke Energy Florida, LLC
P.O. Box 14042
St. Petersburg, Florida 33733
(727) 820-4692

Matthew R. Bernier
matthew.bernier@duke-energy.com
Duke Energy Florida, LLC
106 E. College Ave., Ste. 800
Tallahassee, Florida 32301
(850) 521-1428
FLRegulatoryLegal@duke-energy.com

3. DEF is the utility primarily affected by the proposed request for cost recovery. DEF is an investor-owned electric utility, regulated by the Commission pursuant to Chapter 366, Florida Statutes, and is a wholly owned subsidiary of Duke Energy Corporation. The Company's principal place of business is located at 299 1st Ave. N., St. Petersburg, Florida 33701.
4. DEF serves approximately 1.9 million retail customers in Florida. Its service area comprises approximately 20,000 square miles in 35 of the state's 67 counties, including the densely populated areas of Pinellas and western Pasco Counties and the greater Orlando area in Orange, Osceola, and Seminole Counties. DEF supplies electricity at retail to approximately 350 communities and at wholesale to Florida municipalities, utilities, and power agencies in the State of Florida.
5. DEF's actual/estimated true-up costs associated with the SPPCRC activities for the period January 2021 through December 2021 are provided in Exhibit No. ____ (CAM-1) to the direct testimony Christopher Menendez, which shows the 2021 actual/estimated true-up is an over-recovery, including interest, of \$811,712 as shown on Line 4 on Form 1E (pages 1 of 49).
6. Mr. Menendez's Exhibit No. (CAM-2) shows the average SPPCRC billing factor of 0.266 cents per kWh, which includes the 2021 over-recovery and the projected jurisdictional capital and O&M revenue requirements for the period January 2022 through December

2022 of \$104,458,788 associated with the SPP Programs, as shown on Form 1P line 4 of Exhibit No. __ (CAM-2). This exhibit also identifies additional revenue requirements and cost information for specific SPP programs and SPPCRC factors for customer billings for the period January 2022 through December 2022 as permitted by Rule 25-6.031, F.A.C. Additional detail regarding the derivation of these amounts are provided in Mr. Menendez's pre-filed direct testimony.

7. Additional SPP Program implementation and cost information are presented in the direct testimonies of Brian Lloyd, Sharon Bauer, and Ron Adams. Moreover, the direct testimony of Linda Miller will also discuss the policies, procedures, and accounting guidance consistent with the reporting needs associated with Section 366.96, F.S., Rule 25-6.031, F.A.C., and the 2020 SPP/SPPCRC Agreement to ensure there is no double-recovery with the Company's base rates or any other cost recovery mechanisms. The pre-filed direct testimonies of witnesses Menendez, Lloyd, Bauer, Adams, and Miller are hereby incorporated into this petition.

WHEREFORE, Duke Energy Florida, LLC, respectfully requests that the Commission approve the Company's SPPCRC cost recovery true-up, recovery of the SPP projected costs and the SPPCRC cost recovery factors for the period January 2022 through December 2022 as set forth in the testimony and supporting exhibits of Christopher A. Menendez.

Respectfully submitted this 3rd day of May, 2021.

s/Matthew R. Bernier
DIANNE M. TRIPLET
Deputy General Counsel
Duke Energy Florida, LLC
299 First Avenue North
St. Petersburg, FL 33701

T: 727.820.4692
F: 727.820.5041
E: Dianne.Triplett@Duke-Energy.com

MATTHEW R. BERNIER
Associate General Counsel
Duke Energy Florida, LLC
106 E. College Avenue, Suite 800
Tallahassee, FL 32301
T: 850.521.1428
F: 727.820.5041
E: Matthew.Bernier@Duke-Energy.com
FLRegulatoryLegal@Duke-Energy.com

CERTIFICATE OF SERVICE

Docket No. 20210010-El

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 3rd day of May, 2021.

s/Matthew R. Bernier

Attorney

<p>J. Crawford / S. Stiller / S. Osborn Office of General Counsel FL Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 jcrawfor@psc.state.fl.us sstiller@psc.state.fl.us sosborn@psc.state.fl.us</p> <p>Kenneth Hoffman 134 West Jefferson St. Tallahassee, FL 32301-1713 ken.hoffman@fpl.com</p> <p>Russell Badders One Energy Place Pensacola, FL 32520 russell.badders@nexteraenergy.com</p> <p>Christopher Wright / Jason Higginbotham 700 Universe Blvd. Juno Beach, FL 33408-0420 christopher.wright@fpl.com jason.higginbotham@fpl.com</p> <p>James W. Brew / Laura W. Baker Stone Law Firm 1025 Thomas Jefferson Street, N.W. Eighth Floor, West Tower Washington, DC 20007 jbrew@smxblaw.com lwb@smxblaw.com</p>	<p>Charles Rehwinkel Office of Public Counsel c/o The Florida Legislature 111 W. Madison St., Room 812 Tallahassee, FL 32399-1400 rehwinkel.charles@leg.state.fl.us</p> <p>Paula K. Brown Regulatory Affairs P.O. Box 11 Tampa, FL 33601-0111 regdept@tecoenergy.com</p> <p>J. Beasley / J. Wahlen / M. Means Ausley McMullen P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com mmeans@ausley.com</p> <p>Mike Cassel 208 Wildlight Ave. Yulee, FL 32097 mcassel@fpuc.com</p> <p>Jon Moyle / Karen Putnal 118 North Gadsden St. Tallahassee, FL 32301 jmoyle@moylelaw.com kputnal@moylelaw.com mqualls@moylelaw.com</p>
--	--

1 **IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE**

2
3 **FPSC DOCKET NO. 20210010-EI**

4 **DIRECT TESTIMONY OF CHRISTOPHER A. MENENDEZ**

5 **ON BEHALF OF DUKE ENERGY FLORIDA, LLC**

6 **MAY 3, 2021**

7
8 **I. INTRODUCTION AND QUALIFICATIONS.**

9 **Q. Please state your name and business address.**

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

12
13 **Q. By whom are you employed and what is your position?**

14 A. I am employed by Duke Energy Florida, LLC (“DEF” or the “Company”) as Director,
15 Rates and Regulatory Planning.

16
17 **Q. Please describe your duties and responsibilities in that position.**

18 A. I am responsible for the Company’s regulatory planning and cost recovery, including
19 the Company’s Storm Protection Plan Cost Recovery Clause (“SPPCRC”) filing.

20
21 **Q. Please describe your educational background and professional experience.**

22 A. I joined the Company on April 7, 2008. Since joining the company, I have held
23 various positions in the Florida Planning & Strategy group, DEF Fossil Hydro

1 Operations Finance and DEF Rates and Regulatory Strategy. I was promoted to my
2 current position in April 2021. Prior to working at DEF, I was the Manager of
3 Inventory Accounting and Control for North American Operations at Cott Beverages.
4 I received a Bachelor of Science degree in Accounting from the University of South
5 Florida, and I am a Certified Public Accountant in the State of Florida.

6

7 **II. PURPOSE AND SUMMARY OF TESTIMONY.**

8 **Q. What is the purpose of your testimony?**

9 A. The purpose of my testimony is to present, for Commission review and approval,
10 DEF's calculation of revenue requirements and SPPCRC factors for customer billings
11 for the period January 2022 through December 2022 as permitted by Rule 25-6.031,
12 F.A.C. My testimony also addresses implementation activities, their associated capital
13 and O&M costs, how these activities and costs are consistent with DEF's approved
14 Storm Protection Plan ("SPP") for the years 2020, 2021, and 2022, and how these
15 activities and costs are consistent with the 2020 SPP/SPPCRC Agreement¹ approved
16 by the Commission by Order No. PSC-2020-0410-AS-EI.

17

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

20 A. Yes. I am sponsoring Exhibit No. __ (CAM-1) and Exhibit No. __ (CAM-2) attached
21 to my direct testimony. These exhibits are true and accurate to the best of my
22 knowledge and belief.

¹ Document No. 03874-2020, filed July 17, 2020 (updated July 20, 2020, see Document No. 03905-2020) in Docket Nos. 20200069-EI and 20200092-EI.

1 **Q. Please summarize your testimony.**

2 A. My testimony supports the approval of an average SPPCRC billing factor of 0.266
3 cents per kWh which includes projected jurisdictional capital and O&M revenue
4 requirements for the period January 2022 through December 2022 of approximately
5 \$104.5 million associated with the SPP Programs, as shown on Form 1P line 4 of
6 Exhibit No. __ (CAM-2) and that the projected SPP expenditures for 2022 are
7 appropriate for recovery through the SPPCRC. I will also present, for Commission
8 approval, DEF's actual/estimated true-up costs associated with the SPPCRC activities
9 for the period January 2021 through December 2021, as presented in Exhibit
10 No. __ (CAM-1). Additionally, my testimony also supports the Regulatory treatment of
11 the costs incurred in 2020 to procure material and equipment and perform analytical
12 and engineering work in preparation for the work to be completed in 2021 related to
13 the Distribution Feeder Hardening Program and Transmission Structure Hardening-
14 Wood to Non-wood pole replacement activity; these limited costs are consistent with
15 paragraph 3(a) of the 2020 SPP/SPPCRC Agreement. DEF will not seek recovery of
16 any revenue requirements incurred in 2020 through the SPPCRC for those
17 Transmission costs, consistent with paragraph (2) of the 2020 SPP/SPPCRC
18 Agreement. Finally, my testimony presents an overview of the SPP Programs and
19 activities projected to be completed in 2022, along with a summary of the projected
20 costs associated with those Programs and activities. Further detail regarding the the
21 Company's projected 2022 SPP work is provided in the testimony Witnesses Adams,
22 Bauer, and Lloyd.

1 **Q. Has DEF complied the requirements of Rule 25-6.031(6)(a) such that this filing**
2 **only includes costs incurred after the filing of DEF's SPP?**

3 A. Yes. DEF is only petitioning for recovery of costs incurred after the filing of its Storm
4 Protection Plan on April 10, 2020.

5
6 2021 Actual/Estimated Filing:

7
8 **Q. Please describe the Regulatory treatment of the costs incurred in 2020.**

9 A. Witnesses Lloyd's testimony presents \$0.7M of capital costs shown in the beginning
10 balance of Exhibit No. (CAM-1), Line 1a on Form 7E (pages 12-14 of 49), which are
11 costs associated with incremental activities whose costs are not currently recovered
12 through base rates or any other clause mechanism. These costs were incurred to begin
13 engineering on the 2021 work plan for DEF's Feeder Hardening Program.

14 Per the 2020 SPP/SPPCRC Agreement, paragraph 3(a), DEF is not requesting
15 recovery of any of the 2020 revenue requirements associated with this spend,
16 however, the Company has included the 2020 ending CWIP balance as the beginning
17 SPPCRC rate base for recovery beginning in 2021. DEF will recover associated
18 revenue requirements from this point forward for the costs related to the Distribution
19 Feeder Hardening Program.

20 As discussed in Witnesses Bauer's testimony, DEF's SPP increases its investment in
21 the wood pole replacement activities associated with its Transmission Structure
22 Hardening program. Consistent with the 2020 SPP/SPPCRC Agreement paragraph
23 3(c), the costs incurred in 2020 associated with the Transmission Structure

1 Hardening- Wood to Non-wood pole replacement activity will not be sought for
2 recovery through the SPPCRC. To ensure the \$2.2M shown in Exhibit No. (CAM-1),
3 Line 1a on Form 7E (pages 15-17 of 49), incurred in 2020 related to these projects are
4 not included for recovery through the SPPCRC in 2021, an adjustment was made in
5 the SPPCRC filing to zero out the 2021 SPPCRC wood to non-wood beginning
6 balance SPPCRC Rate Base, as shown on Line 1c on Form 7E (pages 15-17 of 49) in
7 Exhibit No. (CAM-1).

8

9 **Q. What is the actual/estimated true-up amount for which DEF is requesting**
10 **recovery for the period of January 2021 through December 2021?**

11 A. The 2021 actual/estimated true-up is an over-recovery, including interest, of \$811,712
12 as shown on Line 4 on Form 1E (pages 1 of 49) in Exhibit No. (CAM-1).

13

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

17 A. The capital structure, components and cost rates relied on to calculate the revenue
18 requirement rate of return for the period January 2021 through December 2021 are
19 shown on Form 9E (page 49 of 49) in Exhibit No. (CAM-1). This form includes the
20 derivation of debt and equity components used in the Return on Average Net
21 Investment, lines 7 (a) and (b), on Form 7E. Form 9E also cites the source and
22 includes the rationale for using the particular capital structure and cost rates.

23

1 **Q. How do actual/estimated O&M expenditures for January 2021 through**
2 **December 2021 compare with original projections?**

3 A. Form 4E in Exhibit No. (CAM-1) shows that total O&M project costs are estimated
4 to be \$4,516,920. This is \$110,485, or 2.4% lower than originally projected.
5 Included in these O&M costs were the SPP development costs that DEF incurred in
6 2020 as approved for recovery by PSC-2020-0410. This form also lists individual
7 O&M program variances. Explanations for these variances are included in the direct
8 testimonies of Brian Lloyd and Sharon Bauer.

9

10 **Q. How do estimated/actual capital recoverable costs for January 2021 through**
11 **December 2021 compare with DEF's original projections?**

12 A. Form 6E in Exhibit No. (CAM-1) shows that total recoverable capital costs are
13 estimated to be \$4,839,424. This is approximately \$1.2M or 19.8% lower than
14 originally projected. This form also lists individual project variances. The return on
15 investment, depreciation expense and property taxes for each project for the
16 actual/estimated period are provided on Form 7E (pages 12 through 39 of 49).
17 Explanations for these variances are included in the direct testimonies of Mr. Lloyd
18 and Ms. Bauer.

19

20 **Q. Is DEF's accounting treatment for the 2021 SPP activities and costs that are**
21 **associated with the Structure Hardening – Transmission System Program Wood**
22 **to Non-Wood Pole Upgrade consistent with the 2020 SPP/SPPCRC Agreement**
23 **paragraph 3(c)?**

1 A. Yes. As more fully described in the testimony of DEF Witness Bauer, this program will
2 upgrade wood poles to non-wood material such as steel or concrete. The new structures
3 will be more resistant to damage from extreme weather events. Other related hardware
4 upgrades will occur simultaneously, such as insulators, crossarms, switches, and guys.
5 The \$70.5M of capital costs and \$1.3M of associated O&M presented in the SPPCRC
6 filing are not all incremental expenses - approximately half of the costs for this activity
7 will be recovered through base rates in 2021.

8 DEF's SPP increases its investment in the wood pole replacement activities
9 associated with its Transmission Structure Hardening program. In 2021 consistent
10 with the 2020 SPP/SPPCRC Agreement paragraph 3(c), DEF will include an
11 adjustment in the SPPCRC to remove the revenue requirements associated with \$34.8
12 million of pole replacement costs; any amount in excess of \$34.8 million will be
13 eligible for recovery through the SPPCRC. For purposes of developing this credit,
14 DEF will reflect the spend evenly over the 12-month period where the total YTD
15 adjustment amount used to develop the credit cannot exceed YTD total spend in the
16 activity in any month. In addition, for ease of accounting, any wood to non-wood
17 pole projects expected to go in service in 2021 will be tracked using SPPCRC
18 accounting. To ensure amounts incurred in 2020 related to these projects are not
19 included for recovery through the SPPCRC in 2021, an adjustment will be made in
20 the SPPCRC filing to zero out the 2021 SPPCRC wood to non-wood beginning
21 balance SPPCRC Rate Base. The two adjustments mentioned above will not be
22 necessary once base rates are reset after expiration of the 2017 Settlement Agreement.

23

1 **Q. Please describe any 2021 SPP activities and costs associated with SPP Programs**
2 **that were not presented in the original 2021 SPPCRC Projection filings?**

3 A. As further explained in Mr. Lloyd’s testimony, the Lateral Hardening Overhead
4 Program, Lateral Hardening Underground Program, and Self-Optimizing Grid
5 (“SOG”) Program are expected to incur capital costs in 2021 related to the engineering
6 activities on the 2022 work plans, no associated O&M is expected to be incurred for
7 these engineering activities.

8

9 2022 Projection Filing:

10

11 **Q. Please describe the SPP activities and 2022 costs that are associated with the**
12 **Feeder Hardening - Distribution System Program?**

13 A. As more fully described by Witness Lloyd, the Feeder Hardening Program will enable
14 the feeder backbone to better withstand extreme weather events. In 2022, DEF expects
15 to incur approximately \$90.5M of capital costs and \$3.6M of associated O&M.

16

17 **Q. Describe the activities that will be performed for Lateral Hardening and its**
18 **related costs in 2022?**

19 A. As more fully described by Witness Lloyd, the Lateral Hardening program will
20 enable branch lines to better withstand extreme weather events. This will include
21 undergrounding of the laterals most prone to damage during extreme weather events
22 and overhead hardening of those laterals less prone to damage. The overhead
23 hardening strategy will include structure strengthening, deteriorated conductor

1 replacement, removing open secondary wires, replacing fuses with automated line
2 devices, pole replacement (when needed), line relocation, and/or hazard tree removal.
3 In 2022, DEF expects to incur approximately \$59.1M of total capital costs related to
4 the Lateral Hardening Overhead activity and \$1.9M of associated amount of O&M,
5 and approximately \$85.3M of total capital costs related to the Lateral Hardening
6 Undergrounding activity and \$1.1M of associated O&M.

7
8 **Q. Please describe the Distribution system related Pole Inspections and**
9 **Replacement activities and identify the costs you expect to incur costs during**
10 **2022?**

11 A. The Commission requires that pole inspection is performed on an 8-year cycle. These
12 inspections determine the extent of pole decay and any associated loss of strength.
13 The information gathered from these inspections is used to determine pole
14 replacements and to effectuate the extension of pole life through treatment and
15 reinforcement.

16 In 2022, DEF expects to incur approximately \$14.7M of total capital costs for Feeder
17 - Pole Replacement activity and \$2.5M of associated O&M.

18 In 2022, DEF expects to incur approximately \$41.3M of total capital costs for Lateral
19 - Pole Replacement activity, and \$7.0M of associated amount of O&M.

20

21 **Q. Describe the activities that will be performed for Self-Optimizing Grid (“SOG”)**
22 **and its related costs in 2022?**

1 A. The SOG program consists of three (3) major components: capacity, connectivity,
2 and automation and intelligence. As more fully described by Witness Lloyd, the SOG
3 program started as part of DEF's Grid Investment Plan which was partially funded
4 through the 2017 Revised and Restated Settlement Agreement.
5 In 2022, DEF expects to incur approximately \$74.5M of total capital costs related to
6 this activity and \$2.0M of associated O&M.

7
8 **Q. Describe the activities that will be performed for Underground Flood Mitigation**
9 **and its related costs in 2022?**

10 A. The Underground Flood Mitigation will harden existing underground lines and
11 equipment to withstand a storm surge. This involves the installation of specialized
12 stainless-steel equipment and submersible connections. The primary purpose of this
13 hardening activity is to minimize the damage caused by a storm surge to the
14 equipment and thus reduce customer outages and/or expedite restoration after the
15 storm surge has receded.
16 DEF expects to begin this Program in 2022 and incur approximately \$0.5M of total
17 capital costs and approximately \$15K of associated O&M related to this activity.

18
19 **Q. Describe the activities that will be performed for Distribution Vegetation**
20 **Management and its related costs in 2022?**

21 A. DEF will continue to utilize a fully Integrated Vegetation Management ("IVM")
22 program focused on trimming feeders and laterals on average 3 and 5-year cycles,
23 respectively, to minimize the impact of vegetation on the distribution assets. As more

1 fully explained by Witness Lloyd, this corresponds to trimming approximately 1,930
2 miles of feeder backbone and 2,455 miles of laterals annually.

3 In 2022, DEF expects to incur approximately \$2.0M of total capital costs related to
4 this activity, and \$44.2M of associated O&M related to this activity.

5

6 **Q. Please describe the activities and costs that are associated with the Structure**
7 **Hardening – Transmission System Program Wood to Non-Wood Pole Upgrade in**
8 **2022?**

9 A. As described above, this program will upgrade wood poles to non-wood material such
10 as steel or concrete. The new structures will be more resistant to damage from extreme
11 weather events. Other related hardware upgrades will occur simultaneously, such as
12 insulators, crossarms, switches, and guys. In 2022, DEF expects to incur \$121.2M of
13 capital costs and \$3.2M of associated O&M related to this activity.

14

15 **Q. Please describe the SPP activities and costs that are associated with the Structure**
16 **Hardening – Transmission System Program - Cathodic Protection in 2022?**

17 A. DEF will install passive cathodic protection (“CP”) systems comprised of anodes on
18 each leg of lattice towers. As described more fully by Witness Bauer, the anodes serve
19 as sacrificial assets that corrode in place of structural steel, preventing loss of structure
20 strength to corrosion. In 2022, DEF expects to incur \$1.6M of capital costs and \$0.2M
21 of associated O&M related to this activity.

22

1 **Q. Please describe the SPP activities and costs that are associated with the Structure**
2 **Hardening – Transmission System Program - Tower Upgrade in 2022?**

3 A. As more fully described by Witness Bauer, this activity focuses on the replacement of
4 towers identified through enhanced engineering inspections. In 2022, DEF expects to
5 incur \$4.2M of capital costs and \$34K of associated O&M related to this activity.

6

7 **Q. Please describe the SPP activities and costs that are associated with the Structure**
8 **Hardening – Transmission System Program - Drone Inspections in 2022?**

9 A. As more fully described in the testimony of Witness Bauer, DEF began conducting
10 drone inspections in 2021 on targeted lattice tower lines. The intent of this additional
11 inspection is to identify otherwise difficult to see structure, hardware, or insulation
12 vulnerabilities through high resolution imagery.

13 In 2022, DEF expects to incur \$0.1M of associated O&M related to this activity.

14

15 **Q. Please describe the Gang Operated Air Break (“GOAB”) activities and identify**
16 **the costs you expect to incur during 2022?**

17 A. The GOAB line switch automation activity will upgrade switch locations with
18 modern switches enabled with communication and remote-control capabilities that
19 will add resiliency to the transmission system. As described in the testimony of
20 Witness Bauer, the GOAB upgrade increases the number of remote-controlled
21 switches to support faster isolation of trouble spots on the transmission system and
22 more rapid restoration following line faults. The GOAB automation project will begin

1 in 2022. DEF expects to incur approximately \$2.5M of total capital costs and
2 approximately \$14K of associated O&M related to this activity in 2022.

3

4 **Q. Please describe the Overhead Ground Wire (“OHGW”) activities and identify**
5 **the costs you expect to incur during 2022?**

6 **A.** As described in the testimony of Witness Bauer, Florida is known for a high
7 concentration of lightning events, which continually stress the existing grid
8 protection. Deteriorated overhead ground wire reduces the protection of the conductor
9 and exposes the line to repeated lightning damage and risk of failure impacting the
10 system. This initiative will also reduce the safety risk due to the required removal of
11 OHGW prior to any restoration work on the system. By targeting deteriorated OHGW
12 on lines with high lightning events, the benefit of this activity will be maximized.
13 The OHGW project will begin recovery through the SPPCRC in 2022. DEF expects
14 to incur approximately \$4.5M of total capital costs related to this activity, and
15 approximately \$0.1M of associated O&M for this activity.

16

17 **Q. Please Describe the activities that will be performed for Transmission Vegetation**
18 **Management.**

19 **A.** As described more fully in the testimony of Witness Adams, DEF’s Transmission
20 IVM program is focused on ensuring the safe and reliable operation of
21 the transmission system by minimizing vegetation-related interruptions
22 and maintaining adequate conductor-to vegetation clearances, while maintaining
23 compliance with regulatory, environmental, and safety requirements or standards. The

1 program activities focus on the removal and/or control of incompatible vegetation
2 within and along the right of way to minimize the risk of vegetation related outages
3 and ensure necessary access within all transmission line corridors. The Transmission
4 Vegetation Program will begin recovery through the SPPCRC in 2022. DEF expects
5 to incur approximately \$10.9M of total capital costs and approximately \$11.5M of
6 associated O&M for this activity.
7

8 **Q. Are the Programs and activities discussed above consistent with DEF's SPP?**

9 A. Yes, the planned activities are consistent with the Programs described in detail in
10 DEF's Commission-approved SPP, specifically Exhibit No. JWO-2 in Docket No.
11 20200069-EI, filed on April 10, 2020, subsequently updated on June 24, 2020.
12

13 **Q. Have you prepared schedules showing the calculation of the SPPCRC**
14 **recoverable O&M project costs for 2022?**

15 A. Yes. Form 2P of Exhibit No. __ (CAM-2) summarizes recoverable jurisdictional
16 O&M cost estimates for these projects of approximately \$73.2 million, shown on
17 Line 11.
18

19 **Q. Has DEF included any cost estimates related to Administrative costs associated**
20 **with the SPP and/or SPPCRC filings?**

21 A. No. However, it is likely that DEF will incur some level of incremental costs related
22 to increased workload in areas such as IT, billing, legal, regulatory, and accounting in
23 the future but it is hard to quantify these costs at this time. As such, rather than

1 speculating DEF, will record those cost to the deferred account for SPPCRC and will
2 submit those costs in future filings.

3

4 **Q. Have you prepared schedules showing the calculation of the recoverable capital**
5 **project costs for 2022?**

6 A. Yes. Form 3P of Exhibit No. __ (CAM-2) summarizes recoverable jurisdictional
7 capital cost estimates for these projects of approximately \$31.9 million, shown on
8 Line 5b. Form 4P (pages 39-81 of 84) show detailed calculations of these costs.

9

10 **Q. What are the total projected jurisdictional costs for SPPCRC recovery for the**
11 **year 2022?**

12 A. The total jurisdictional capital and O&M costs to be recovered through the SPPCRC
13 are approximately \$104.5 million, shown on Form 1P line 4 of Exhibit No. __ (CAM-
14 2).

15

16 **Q. Please describe how the proposed SPPCRC factors are developed.**

17 A. The SPPCRC factors are calculated on Forms 5P and 6P of Exhibit No. __ (CAM-2).
18 The demand component of class allocation factors is calculated by determining the
19 percentage each rate class contributes to monthly system peaks adjusted for losses for
20 each rate class which is obtained from DEF's load research study filed with the
21 Commission in July 2018. The energy allocation factors are calculated by
22 determining the percentage each rate class contributes to total kilowatt-hour sales

1 adjusted for losses for each rate class. Form 6P presents the calculation of the
2 proposed SPPCRC billing factors by rate class.

3

4 **Q. When is DEF requesting that the proposed SPPCRC billing factors be**
5 **effective?**

6 A. DEF is requesting that its proposed SPPCRC billing factors be effective with the first
7 bill group for January 2022 and continue through the last bill group for December
8 2022.

9

10 **Q. What capital structure and cost rates did DEF rely on to calculate the revenue**
11 **requirement rate of return for the period January 2022 through December 2022?**

12 A. DEF used the capital structure and cost rates consistent with the language in Order No.
13 PSC-2020-0165-PAA-EU. As such, DEF used the projected mid-point ROE 13-
14 month average Weighted Average Cost of Capital for 2022 and applied a proration
15 adjustment to the depreciation-related accumulated deferred federal income tax
16 (ADFIT). These calculations are shown on Form 7P, Exhibit No. ____ (CAM-2). Form
17 7P includes the derivation of debt and equity components used in the Return on
18 Average Net Investment, Form 4P lines 7a and b.

19

20 **Q. If DEF is retiring any Rate Base assets as a result of the SPP programs, how will**
21 **it ensure that there is no double recovery between base rate revenue and**
22 **SPPCRC revenue?**

1 A. To ensure that there is no double recovery between base rate revenue and
2 SPPCRC revenue, the Company will employ the following protocols for capital
3 items:
4 (i) For assets being retired and replaced with new assets as part of an SPP
5 program, the Company will not seek to recover the cost of removal net of salvage
6 associated with the related assets. Rather, such net cost of removal will be debited to
7 the Company's accumulated depreciation reserve according to normal regulatory
8 plant accounting procedures.
9 (ii) For SPP capital projects, any depreciation expense from the SPP asset
10 additions will be reduced by the depreciation expense savings that result from the
11 retirement of assets removed from service during the SPP project. Only the net of the
12 two depreciation amounts will be included for recovery through the SPPCRC.

13

14 **Q. Does that conclude your testimony?**

15 A. Yes.

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

Summary of Current Period Estimated True-Up
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. __ (CAM-1)
Form 1E
Page 1 of 49

<u>Line</u>	<u>Period Amount</u>
1. Over/(Under) Recovery for the Current Period Form 2E Line 5	\$ 810,945
2. Interest Provision Form 2E Line 6	\$ 767
3. Sum of Prior Period Adjustments Form 2E Line 10	<u>\$ -</u>
4. True-Up Amount to be Refunded/(Recovered) in the Projection Period January 2022 - December 2022 (Lines 1 + 2 + 3)	<u>\$ 811,712</u>
5. Allocation of True-Up to Energy and Demand Based on Variances N/A - No Revenue Requirements were filed in 2020.	

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A. Menendez
Exh. No. ___ (CAM-1)
Form 2E
Page 2 of 49

Calculation of True-Up Amount
(in Dollars)

Line	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1. Clause Revenues (net of Revenue Taxes)	\$ 732,742	\$ 693,930	\$ 700,516	\$ 700,041	\$ 750,073	\$ 883,370	\$ 960,550	\$ 986,168	\$ 969,774	\$ 904,068	\$ 750,658	\$ 710,484	\$ 9,978,842
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	700,516	700,041	750,073	883,370	960,550	986,168	969,774	904,068	750,658	710,484	9,742,374
4. Jurisdictional Rev. Req. (Form 5E and Form 7E)													
a. Overhead Hardening Distribution	679,241	116,453	346,280	391,027	459,027	532,708	603,987	644,900	657,936	675,476	715,466	716,093	6,538,593
b. Overhead Hardening Transmission	426,352	36,970	60,106	52,134	96,177	185,360	213,893	255,711	272,408	261,684	275,565	256,475	2,392,836
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	1,105,593	153,423	406,385	443,161	555,204	718,067	817,881	900,611	930,344	937,160	991,031	972,568	8,931,428
5. Over/Under Recovery (Line 3 - Line 4f)	(372,851)	540,507	294,131	256,880	194,869	165,302	142,669	85,557	39,430	(33,092)	(240,373)	(262,084)	810,945
6. Interest Provision (Form 3E Line 10)	(17)	(9)	25	47	65	80	92	101	106	106	96	75	767
7. Beginning Balance True-Up & Interest Provision													
a. Deferred True-Up from January to December 2020	0	(372,868)	167,630	461,786	718,713	913,647	1,079,029	1,221,791	1,307,449	1,346,985	1,313,998	1,073,721	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+7a+8)	(372,868)	167,630	461,786	718,713	913,647	1,079,029	1,221,791	1,307,449	1,346,985	1,313,998	1,073,721	811,712	811,712
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)	\$ (372,868)	\$ 167,630	\$ 461,786	\$ 718,713	\$ 913,647	\$ 1,079,029	\$ 1,221,791	\$ 1,307,449	\$ 1,346,985	\$ 1,313,998	\$ 1,073,721	\$ 811,712	\$ 811,712

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 3E
Page 3 of 49

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

Line	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1. Beginning True-Up Amount (Docket No. 20210010-EI, Line 7a+10)	\$ -	\$ (372,868)	\$ 167,630	\$ 461,786	\$ 718,713	\$ 913,647	\$ 1,079,029	\$ 1,221,791	\$ 1,307,449	\$ 1,346,985	\$ 1,313,998	\$ 1,073,721	
2. Ending True-Up Amount Before Interest	(372,851)	167,639	461,761	718,666	913,582	1,078,949	1,221,698	1,307,348	1,346,879	1,313,893	1,073,625	811,637	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	(372,851)	(205,229)	629,391	1,180,452	1,632,295	1,992,596	2,300,727	2,529,139	2,654,328	2,660,878	2,387,623	1,885,358	
4. Average True-Up Amount (Line 3 x 1/2)	(186,426)	(102,615)	314,696	590,226	816,148	996,298	1,150,364	1,264,570	1,327,164	1,330,439	1,193,812	942,679	
5. Interest Rate (First Day of Reporting Business Month)	0.10%	0.12%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	
6. Interest Rate (First Day of Subsequent Business Month)	0.12%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.22%	0.21%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	
8. Average Interest Rate (Line 7 x 1/2)	0.110%	0.105%	0.090%	0.090%	0.090%	0.090%	0.090%	0.090%	0.090%	0.090%	0.090%	0.090%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.009%	0.009%	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%	
10. Interest Provision for the Month (Line 4 x Line 9)	\$ (17)	\$ (9)	\$ 25	\$ 47	\$ 65	\$ 80	\$ 92	\$ 101	\$ 106	\$ 106	\$ 96	\$ 75	\$ 767

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. __ (CAM-1)
Form 4E
Page 4 of 49

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

Line		(1)		(2)		(3)	(4)
		Estimated Actual		Projection		Variance Amount	Percent
1	Overhead Hardening O&M Programs - Distribution						
	1a. Feeder Hardening - Distribution	\$ 2,400,532	\$	2,383,525	\$	17,007	0.7%
2a	Adjustments	-		-		-	0.0%
1	Subtotal of Overhead Hardening O&M Programs - Distribution	\$ 2,400,532	\$	2,383,525	\$	17,007	0.7%
2	Overhead Hardening O&M Programs - Transmission						
	2.1 Structure Hardening - Trans - Pole Replacements	\$ 1,346,516	\$	3,765,949	\$	(2,419,433)	-64.2%
	2.2 Structure Hardening - Trans - Tower Replacements	\$ 20,296	\$	20,296		-	0.0%
	2.3 Structure Hardening - Trans - Cathodic Protection	\$ 212,864	\$	212,864		-	0.0%
	2.4 Structure Hardening - Trans - Drone Inspections	\$ 110,334	\$	105,000		5,334	5.1%
2a	Adjustments (Remove Base O&M for Pole Replacements)	\$ (686,009)	\$	(1,860,228)		1,174,220	-63.1%
2	Subtotal of Overhead O&M Programs - Transmission	\$ 1,004,001	\$	2,243,881	\$	(1,239,880)	-55.3%
3	Vegetation Management O&M Programs						
	1. N/A	\$ -	\$	-	\$	-	0.0%
	2. N/A	\$ -	\$	-		-	0.0%
3	Subtotal of Vegetation Management O&M Programs	-		-		-	0.0%
4	SPP Implementation Costs (Note 1)	\$ 1,112,387	\$	-	\$	1,112,387	100%
5	Legal, Accounting, and Administrative O&M	\$ -	\$	-	\$	-	0.0%
6	Total of O&M Programs	\$ 4,516,920	\$	4,627,405	\$	(110,485)	-2.4%
7	Allocation of Costs to Energy and Demand						
	a. Energy	\$ -	\$	-	\$	-	0.0%
	b. Demand	\$ 4,516,920	\$	4,627,405	\$	(110,485)	-2.4%

Notes:

(Note 1) - This amount includes recovery of the 2020 SPP Development Plan costs as approved by PSC-2020-0410-AS-EI.

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

Column (2) is amount shown on Form 2P (page 1 of 3) End of Period Totals based on Order No. PSC-2020-0410-AS-EI.

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

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

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 5E
Page 1 of 4
Page 5 of 49

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

Line	O&M Activities	T/D	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Overhead: Distribution														
1.1	Feeder Hardening - Distribution	D	\$ 48,107	\$ 98,296	\$ 299,577	\$ 295,041	\$ 306,734	\$ 298,444	\$ 287,394	\$ 241,274	\$ 176,049	\$ 134,290	\$ 126,656	\$ 88,670	\$ 2,400,532
1.a	Adjustments	D	0	0	0	0	0	0	0	0	0	0	0	0	0
1.b	Subtotal of Overhead O&M Programs - Distribution		48,107	98,296	299,577	295,041	306,734	298,444	287,394	241,274	176,049	134,290	126,656	88,670	2,400,532
2	Overhead: Transmission														
2.1	Structure Hardening - Trans - Pole Replacements	T	\$ 30,441	\$ 91,110	\$ 141,014	\$ 82,736	\$ 153,418	\$ 150,190	\$ 157,021	\$ 132,737	\$ 120,169	\$ 128,452	\$ 116,376	\$ 42,852	\$ 1,346,516
2.2	Structure Hardening - Trans - Tower Replacements	T	0	0	0	0	0	0	0	5,074	5,074	5,074	0	0	20,296
2.3	Structure Hardening - Trans - Cathodic Protection	T	0	0	0	0	0	53,216	53,216	53,216	53,216	0	0	0	212,864
2.4	Structure Hardening - Trans - Drone Inspections	T	0	0	0	0	0	36,778	36,778	36,778	0	0	0	0	110,334
2.a	Adjustments (Remove Base O&M for Pole Replacements)	T	\$ (15,509)	\$ (46,418)	\$ (71,842)	\$ (42,152)	\$ (78,162)	\$ (76,517)	\$ (79,997)	\$ (67,625)	\$ (61,222)	\$ (65,442)	\$ (59,290)	\$ (21,832)	\$ (686,009)
2.b	Subtotal of Overhead O&M Programs - Transmission		\$ 14,932	\$ 44,692	\$ 69,172	\$ 40,585	\$ 75,256	\$ 163,667	\$ 167,017	\$ 160,179	\$ 117,237	\$ 68,084	\$ 62,160	\$ 21,020	\$ 1,004,001
3	Veg. Management O&M Programs (Note 1)														
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	\$ 0	\$ 667,432
4.2	Transmission	T	444,955	0	0	0	0	0	0	0	0	0	0	0	444,955
4.b	Subtotal Implementation Costs (Note 2)		\$ 1,112,387	0	0	0	0	0	0	0	0	0	0	0	\$ 1,112,387
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		\$ 1,175,426	\$ 142,988	\$ 368,749	\$ 335,626	\$ 381,990	\$ 462,111	\$ 454,411	\$ 401,453	\$ 293,286	\$ 202,374	\$ 188,816	\$ 109,690	\$ 4,516,920
7	Allocation of O&M Costs														
a.	Distribution O&M Allocated to Energy		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	-
b.	Distribution O&M Allocated to Demand		\$48,107	\$98,296	\$299,577	\$295,041	\$306,734	\$298,444	\$287,394	\$241,274	\$176,049	\$134,290	\$126,656	\$88,670	\$ 2,400,532
c.	Transmission O&M Allocated to Energy		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
d.	Transmission O&M Allocated to Demand		\$14,932	\$44,692	\$69,172	\$40,585	\$75,256	\$163,667	\$167,017	\$160,179	\$117,237	\$68,084	\$62,160	\$21,020	\$ 1,004,001
e.	Implementation Costs Allocated to Distribution		\$667,432	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 667,432
f.	Implementation Costs Allocated to Transmission		\$444,955	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 444,955
g.	Legal, Accounting, and Administrative O&M		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	-
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		\$ 1,095,357	\$ 129,240	\$ 346,822	\$ 322,237	\$ 358,220	\$ 412,033	\$ 403,384	\$ 352,665	\$ 257,580	\$ 181,497	\$ 169,738	\$ 103,038	\$ 4,131,811
11	Total Jurisdictional O&M Revenue Requirements		\$ 1,095,357	\$ 129,240	\$ 346,822	\$ 322,237	\$ 358,220	\$ 412,033	\$ 403,384	\$ 352,665	\$ 257,580	\$ 181,497	\$ 169,738	\$ 103,038	\$ 4,131,811
O&M Revenue Requirements by Category of Activity															
12	Overhead: Distribution Hardening O&M Programs (System)		\$ 715,539	\$ 98,296	\$ 299,577	\$ 295,041	\$ 306,734	\$ 298,444	\$ 287,394	\$ 241,274	\$ 176,049	\$ 134,290	\$ 126,656	\$ 88,670	\$ 3,067,964
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	\$ 97,864	\$ 298,262	\$ 293,746	\$ 305,387	\$ 297,134	\$ 286,132	\$ 240,215	\$ 175,276	\$ 133,700	\$ 126,100	\$ 88,281	\$ 3,012,181
13	Overhead: Transmission O&M Programs (System)		\$ 459,887	\$ 44,692	\$ 69,172	\$ 40,585	\$ 75,256	\$ 163,667	\$ 167,017	\$ 160,179	\$ 117,237	\$ 68,084	\$ 62,160	\$ 21,020	\$ 1,448,956
a.	Allocated to Energy (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Allocated to Demand (Retail)		\$ 425,274	\$ 31,375	\$ 48,560	\$ 28,492	\$ 52,832	\$ 114,899	\$ 117,251	\$ 112,451	\$ 82,304	\$ 47,797	\$ 43,638	\$ 14,757	\$ 1,119,630
	Veg. Management O&M Programs (System)		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	-
a.	Allocated to Energy (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Allocated to Demand (Retail)		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	-
14	Legal, Accounting, and Administrative O&M (System)		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	-
a.	Allocated to Energy (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Allocated to Demand (Retail)		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	-

Footnote:

(1) In 2021 DEF is not requesting vegetation management costs through the SPPCRC.

(2) This amount represents the 2020 SPP Development Plan costs as approved by PSC-2020-0410. These jurisdictional costs are included in their respective Lines 12b and 13b. (allocation to T&D split based on 2021 total estimated plant-in-service amounts, A&G separation factor applied).

20220050-DEF-004985

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. __ (CAM-1)
Form 5E
Page 2 of 3
Page 6 of 49

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	112,863	OH
1.1.2	Deltona	W4564	FL Deland Ops	166,840	OH
1.1.3	Deland	W0806	FL Deland Ops	146,150	OH
1.1.4	Deland	W0808	FL Deland Ops	183,990	OH
1.1.5	Port Richey West	C209	FL Seven Springs Ops	211,934	OH
1.1.6	Tarpon Springs	C308	FL Seven Springs Ops	240,244	OH
1.1.7	Port St Joe Ind	N202	FL Monticello Ops	144,293	OH
1.1.8	Taft	K1028	FL SE Orlando Ops	75,845	OH
1.1.9	Northridge	K1822	FL Lake Wales Ops	63,465	OH
1.1.10	Winter Garden	K203	FL Winter Garden Ops	152,255	OH
1.1.11	Winter Garden	K206	FL Winter Garden Ops	118,224	OH
1.1.12	Ocoee	M1095	FL Winter Garden Ops	96,204	OH
1.1.13	Seminole	J895	FL Walsingham Ops	148,319	OH
1.1.14	Ulmerton	J240	FL Walsingham Ops	111,785	OH
1.1.15	Highlands	C2808	FL Clearwater Ops	57,175	OH
1.1.16	East Clearwater	C902	FL Clearwater Ops	152,675	OH
1.1.17	Pasadena	X211	FL St Pete Ops	218,272	OH
1.1.18	Engineering/Materials for 2022 Projects	-	-	-	OH
	TOTAL			2,400,532	OH
2. Transmission					
2.1	Structure Hardening - Pole Replacements	Line ID			OH / UG
2.1.1	Please refer to Form 5E page 3 of 3				
2.2	Structure Hardening - Tower Replacements				
2.2.1	Bayview - Tri City	(HD-2)		2,537	OH
2.2.2	Tri City - Ulmerton	(HD-8)		2,537	OH
2.2.3	Holopaw - West Lake Wales	(WLXF-3)		15,222	OH
	TOTAL			20,296	
2.3	Structure Hardening - Cathodic Protection				
2.3.1	Crystal River - Central Florida	(CCF)		106,432	OH
2.3.2	Crystal River - Curlew	(CC)		106,432	OH
	TOTAL			212,864	
2.4	Structure Hardening - Drone Inspections				
2.4.1	Crystal River - Lake Tarpon 500kV	(CLT)		47,318	OH
2.4.2	Crystal River - Central Florida - 500kV	(CRCF)		38,348	OH
2.4.3	Central Florida - Kathleen - 500kV	(CFK)		24,668	OH
	TOTAL			110,334	

20220050-DEF-004986

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-1)
Form 5E
Page 3 of 3
Page 7 of 49

Line	O&M Activities	O&M Expenditures	OH or UG
2.	Transmission		
2.1	Structure Hardening - Pole Replacements		OH / UG
2.2.1	Avon Park PI - South Polk	(AF-1) 135,820	OH
2.2.2	Fisheating Creek - Sun N Lakes	(ALP-SUC-1) 177,405	OH
2.2.3	Apopka South – Clarcona	(ASC-1) 4,446	OH
2.2.4	Bayboro - Central Plaza	(BCP-1) 11,315	OH
2.2.5	Bushnell East - Center Hill Radial	(BW-1) 14,147	OH
2.2.6	Brookridge - Brooksville West (BWV CKT)	(BWV-1) 16,359	OH
2.2.7	Brookridge - Ft Crushed Stone Cogen PI	(BWV-2) 12,829	OH
2.2.8	Zephyrhills North - Dade City (TECO)	(BZ-6) 25,144	OH
2.2.9	Bronson – Newberry	(CF-2) 18,784	OH
2.2.10	Ft White – Newberry	(CF-3) 34,882	OH
2.2.11	Bellevue - Maricamp	(CFO-SSB-1) 2,022	OH
2.2.12	Florida Gas Transmission - St Marks East	(CP-3) 7,077	OH
2.2.13	Monticello - Boston (Ga Pwr)	(DB-2) 2,828	OH
2.2.14	Disston - Kenneth	(DK-1) 18,858	OH
2.2.15	Taylor Ave - Walsingham	(DL-LTW-1) 10,066	OH
2.2.16	Seminole - Starkey Road	(DLW-5) 9,688	OH
2.2.17	Davenport - West Davenport Radial	(DWD-1) 3,183	OH
2.2.18	Palm Harbor - Tarpon Springs	(ECTW-4) 18,858	OH
2.2.19	Deland - Deland West	(ED-1) 4,831	OH
2.2.20	Ft White - High Springs	(FH-1) 5,255	OH
2.2.21	Clearwater - Highlands	(HCL-1) 8,800	OH
2.2.22	Higgins PI - Curlew CKT #2	(HGC-1) 1,257	OH
2.2.23	Alderman - Tarpon Springs	(HTW-2) 3,771	OH
2.2.24	Cypresswood - Haines City	(ICLW-2) 7,955	OH
2.2.25	Dundee - Lake Wales	(ICLW-3) 6,672	OH
2.2.26	Ft White – Jasper	(JF-1) 74,072	OH
2.2.27	Cross Bayou - GE Pinellas	(LD-2) 5,041	OH
2.2.28	Clearwater - East Clearwater	(LECW-3) 21,307	OH
2.2.29	Largo - Taylor Ave	(LTW-1) 7,543	OH
2.2.30	Altamonte - North Longwood CKT #2	(NLA-1) 1,258	OH
2.2.31	Atwater - Quincy	(QX-1) 1,618	OH
2.2.32	Lake Wales - West Lake Wales CKT #2	(WLL-1) 2,839	OH
2.2.33	Altamonte – Maitland	(WO-1) 37,394	OH
2.2.34	Altamonte - North Longwood CKT #1	(WO-2) 18,841	OH
2.2.35	Lockwood Tap	(FTO-1-TL1) 25,190	OH
2.2.36	Ft Meade - South Polk	(AF-2) 92,711	OH
2.2.37	Largo - Ulmerton West	(DLW-2) 3,771	OH
2.2.38	Kelly Park - Zellwood	(EP-3) 62,659	OH
2.2.39	Hanson - Cherry Lake Radial	(HC-1) 1,213	OH
2.2.40	GE Pinellas - Largo	(LD-3) 11,330	OH
2.2.41	Isleworth - Disney World Northwest	(WT-3) 46,515	OH
2.2.42	Perry North Tap	(DP-1-TL3) 2,223	OH
2.2.43	Ulmerton West - Walsingham	(DLW-6) 7,962	OH
2.2.44	Apopka South - Woodsmere	(WP-2) 201	OH
2.2.45	Ft Meade - Dry Prairie	(FV-1) 9,174	OH
2.2.46	Webster SEC 69kV Tapline	(BCF-BW-2-TL4) 28,832	OH
2.2.47	Unassigned 2021 Projects	322,570	OH
2.2.48	Engineering/Materials for 2022 Projects	- 0	OH
	TOTAL	1,346,516	OH
	2021 Pole Replacement Base Rates	\$34.8M Capital	51%
	Allocation of O&M to Base Rates vs. SPPCRC	686,009	

20220050-DEF-004987

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. __ (CAM-1)
Form 6E
Page 8 of 49

Variance Report of Annual Capital Investment Costs by Program (Jurisdictional Revenue Requirements)
(In Dollars)

Line	(1)	(2)	(3)	(4)
	Estimated Actual	Projection	Variance Amount	Percent
1 Overhead Hardening Capital Programs - Distribution				
1.1 Feeder Hardening - Distribution	\$ 3,429,899	\$ 4,574,132	\$ (1,144,233)	-25.0%
1.2 Lateral Hardening - O/H	\$ 27,545	\$ -	\$ 27,545	100.0% *
1.3 SOG	\$ 68,968	\$ -	\$ 68,968	100.0% *
1 Subtotal of Overhead Hardening O&M Programs - Distribution	\$ 3,526,412	\$ 4,574,132	\$ (1,047,720)	-22.9%
2 Overhead Hardening Capital Programs - Transmission				
2.1 Structure Hardening - Trans - Pole Replacements	\$ 1,213,483	\$ 1,344,914	\$ (131,430)	-9.8%
2.2 Structure Hardening - Trans - Tower Replacements	\$ 30,628	\$ 79,016	\$ (48,388)	-61.2%
2.3 Structure Hardening - Trans - Cathodic Protection	\$ 29,094	\$ 32,448	\$ (3,354)	-10.3%
2.4 Structure Hardening - Trans - Drone Inspections	\$ -	\$ -	\$ -	0.0%
2a Adjustments	\$ -	\$ -	\$ -	0.0%
2 Subtotal of Overhead O&M Programs - Transmission	\$ 1,273,205	\$ 1,456,377	\$ (183,172)	-12.6%
3 Underground Hardening Capital Programs - Distribution				
4.1 Lateral Hardening Underground	39,806	-	39,806	100.0% *
3 Subtotal of Underground Hardening O&M Programs - Distribution	\$ 39,806	\$ -	\$ 39,806	100.0%
4 Vegetation Management Capital Programs				
1. N/A	\$ -	\$ -	\$ -	0.0%
2. N/A	\$ -	\$ -	\$ -	0.0%
4 Subtotal of Vegetation Management Capital Programs	\$ -	\$ -	\$ -	0.0%
5 Legal, Accounting, and Administrative	\$ -	\$ -	\$ -	0.0%
6 Total of Capital Programs	\$ 4,839,424	\$ 6,030,509	\$ (1,191,086)	-19.8%
7 Allocation of Costs to Energy and Demand				
a. Energy	\$ -	\$ -	\$ -	0.0%
b. Demand	\$ 4,839,424	\$ 6,030,509	\$ (1,191,086)	-19.8%

Notes:

Column (1) is the End of Period Totals on SPPCRC Form 7E line 5b
Column (2) is amount shown on Form 3P End of Period Totals based on Order No. PSC-PSC-2020-0410-AS-EI.
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

* Variances reflected as 100%, pre-engineering and material costs (for 2022 projects) were not previously projected for these programs.

20220050-DEF-004988

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 1 of 31
Page 9 of 49

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

Line	Capital Investment Activities	E/D	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Overhead: Distribution														
1.1	Feeder Hardening - Distribution	D	\$ 9,158	\$ 18,588	\$ 48,018	\$ 97,281	\$ 153,640	\$ 235,574	\$ 315,775	\$ 397,923	\$ 470,045	\$ 522,659	\$ 564,224	\$ 597,015	\$ 3,429,899
1.2	Lateral Hardening - O/H	D	0	0	0	0	0	0	649	1,989	3,546	5,276	7,005	9,081	27,545
1.3	SOG	D	0	0	0	0	0	0	1,432	4,773	9,068	13,841	18,137	21,717	68,968
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		\$ 9,158	\$ 18,588	\$ 48,018	\$ 97,281	\$ 153,640	\$ 235,574	\$ 317,855	\$ 404,685	\$ 482,660	\$ 541,776	\$ 589,366	\$ 627,812	\$ 3,526,412
2	Overhead: Transmission														
2.1	Structure Hardening - Trans - Pole Replacements	D	\$ 1,078	\$ 5,595	\$ 11,545	\$ 23,642	\$ 43,345	\$ 69,862	\$ 94,549	\$ 138,381	\$ 181,714	\$ 202,071	\$ 216,641	\$ 225,060	\$ 1,213,483
2.2	Structure Hardening - Trans - Tower Replacements	D	0	0	0	0	0	0	110	1,249	3,308	5,978	9,304	10,680	30,628
2.3	Structure Hardening - Trans - Cathodic Protection	D	0	0	0	0	0	599	1,984	3,630	5,082	5,838	5,983	5,978	29,094
2.4	Structure Hardening - Trans - Drone Inspections	D	0	0	0	0	0	0	0	0	0	0	0	0	0
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		\$ 1,078	\$ 5,595	\$ 11,545	\$ 23,642	\$ 43,345	\$ 70,461	\$ 96,642	\$ 143,260	\$ 190,104	\$ 213,887	\$ 231,927	\$ 241,718	\$ 1,273,205
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
4	Underground: Distribution														
4.1	Lateral Hardening Underground	D	\$0	\$0	\$0	\$0	\$0	\$0	\$937	\$ 2,875	\$ 5,124	\$ 7,624	\$ 10,123	\$ 13,123	\$ 39,806
4.a	Adjustments (N/A)	D	0	0	0	0	0	0	0	0	0	0	0	0	0
4.b	Subtotal of Underground Capital Programs		\$0	\$0	\$0	\$0	\$0	\$0	\$937	\$ 2,875	\$ 5,124	\$ 7,624	\$ 10,123	\$ 13,123	\$ 39,806
5a	Jurisdictional Energy Revenue Requirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5b	Jurisdictional Demand Revenue Requirements		\$ 10,236	\$ 24,183	\$ 59,563	\$ 120,923	\$ 196,985	\$ 306,035	\$ 415,434	\$ 550,820	\$ 677,888	\$ 763,287	\$ 831,416	\$ 882,653	\$ 4,839,424
Capital Revenue Requirements (B)															
6.	Overhead: Distribution Hardening Capital Programs		\$ 9,158	\$ 18,588	\$ 48,018	\$ 97,281	\$ 153,640	\$ 235,574	\$ 317,855	\$ 404,685	\$ 482,660	\$ 541,776	\$ 589,366	\$ 627,812	\$ 3,526,412
a.	Allocated to Energy		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
b.	Allocated to Demand		\$ 9,158	\$ 18,588	\$ 48,018	\$ 97,281	\$ 153,640	\$ 235,574	\$ 317,855	\$ 404,685	\$ 482,660	\$ 541,776	\$ 589,366	\$ 627,812	\$ 3,526,412
7.	Overhead: Transmission Capital Programs		\$ 1,078	\$ 5,595	\$ 11,545	\$ 23,642	\$ 43,345	\$ 70,461	\$ 96,642	\$ 143,260	\$ 190,104	\$ 213,887	\$ 231,927	\$ 241,718	\$ 1,273,205
a.	Allocated to Energy		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
b.	Allocated to Demand		\$ 1,078	\$ 5,595	\$ 11,545	\$ 23,642	\$ 43,345	\$ 70,461	\$ 96,642	\$ 143,260	\$ 190,104	\$ 213,887	\$ 231,927	\$ 241,718	\$ 1,273,205
8.	Veg. Management Capital Programs		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
a.	Allocated to Energy		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
b.	Allocated to Demand		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9.	Underground: Distribution		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$937	\$ 2,875	\$ 5,124	\$ 7,624	\$ 10,123	\$ 13,123	\$ 39,806
a.	Allocated to Energy		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
b.	Allocated to Demand		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$937	\$ 2,875	\$ 5,124	\$ 7,624	\$ 10,123	\$ 13,123	\$ 39,806

Notes:

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

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 2 of 31
Page 10 of 49

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	2,687,210 OH
1.1.2	Deltona	W4564	FL Deland Ops	3,972,372 OH
1.1.3	Deland	W0806	FL Deland Ops	3,479,770 OH
1.1.4	Deland	W0808	FL Deland Ops	4,380,704 OH
1.1.5	Port Richey West	C209	FL Seven Springs Ops	5,046,058 OH
1.1.6	Tarpon Springs	C308	FL Seven Springs Ops	5,720,090 OH
1.1.7	Port St Joe Ind	N202	FL Monticello Ops	3,435,547 OH
1.1.8	Taft	K1028	FL SE Orlando Ops	1,805,826 OH
1.1.9	Northridge	K1822	FL Lake Wales Ops	1,511,080 OH
1.1.10	Winter Garden	K203	FL Winter Garden Ops	3,625,123 OH
1.1.11	Winter Garden	K206	FL Winter Garden Ops	2,814,856 OH
1.1.12	Ocoee	M1095	FL Winter Garden Ops	2,290,567 OH
1.1.13	Seminole	J895	FL Walsingham Ops	3,531,399 OH
1.1.14	Ulmerton	J240	FL Walsingham Ops	2,661,537 OH
1.1.15	Highlands	C2808	FL Clearwater Ops	1,287,044 OH
1.1.16	East Clearwater	C902	FL Clearwater Ops	3,635,112 OH
1.1.17	Pasadena	X211	FL St Pete Ops	5,196,963 OH
1.1.18	Engineering/Materials for 2022 Projects	-	-	2,135,180 OH
	TOTAL		59,216,438	
1.2	Lateral Hardening - O/H Engineering/Materials for 2022 Projects	TBD	1,562,280	OH
1.3	SOG Engineering/Materials for 2022 Projects	TBD	3,550,162	OH
4.1	Lateral Hardening Underground Engineering/Materials for 2022 Projects	TBD	2,257,660	U/G
2.	Transmission			
2.1	Structure Hardening - Pole Replacements	Line ID		OH / UG
2.1.1	Please refer to Form 7E page 3 of 3			
2.2	Structure Hardening - Tower Replacements	Line ID		
2.2.1	Bayview - Tri City	(HD-2)	227,550	OH
2.2.2	Tri City - Ulmerton	(HD-8)	227,550	OH
2.2.3	Holopaw - West Lake Wales	(WLXF-3)	1,365,300	OH
	TOTAL		1,820,400	
2.3	Structure Hardening - Cathodic Protection	Line ID		
2.3.1	Crystal River - Central Florida	(CCF)	512,000	OH
2.3.2	Crystal River - Curlew	(CC)	512,000	OH
	TOTAL		1,024,000	

20220050-DEF-004990

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-1)
Form 7E
Page 3 of 31
Page 11 of 49

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 PI - South Polk	(AF-1)	6,639,741 OH
2.2.2	Fisheating Creek - Sun N Lakes	(ALP-SUC-1)	6,305,803 OH
2.2.3	Apopka South - Clarcona	(ASC-1)	546,910 OH
2.2.4	Bayboro - Central Plaza	(BCP-1)	497,911 OH
2.2.5	Bushnell East - Center Hill Radial	(BW-1)	1,905,706 OH
2.2.6	Brookridge - Brooksville West (BWV CKT)	(BWV-1)	772,629 OH
2.2.7	Brookridge - FI Crushed Stone Cogen PI	(BWV-2)	120,325 OH
2.2.8	Zephyrhills North - Dade City (TECO)	(BZ-6)	759,439 OH
2.2.9	Bronson - Newberry	(CF-2)	2,427,019 OH
2.2.10	Ft White - Newberry	(CF-3)	4,564,590 OH
2.2.11	Bellevue - Maricamp	(CFO-SSB-1)	248,438 OH
2.2.12	Florida Gas Transmission - St Marks East	(CP-3)	1,409,460 OH
2.2.13	Monticello - Boston (Ga Pwr)	(DB-2)	347,874 OH
2.2.14	Disston - Kenneth	(DK-1)	776,018 OH
2.2.15	Taylor Ave - Walsingham	(DL-LTW-1)	547,733 OH
2.2.16	Seminole - Starkey Road	(DLW-5)	294,810 OH
2.2.17	Davenport - West Davenport Radial	(DWD-1)	464,385 OH
2.2.18	Palm Harbor - Tarpon Springs	(ECTW-4)	776,018 OH
2.2.19	Deland - Deland West	(ED-1)	720,647 OH
2.2.20	Ft White - High Springs	(FH-1)	645,946 OH
2.2.21	Clearwater - Highlands	(HCL-1)	362,051 OH
2.2.22	Higgins PI - Curlew CKT #2	(HGC-1)	51,734 OH
2.2.23	Alderman - Tarpon Springs	(HTW-2)	190,103 OH
2.2.24	Cypresswood - Haines City	(ICLW-2)	929,320 OH
2.2.25	Dundee - Lake Wales	(ICLW-3)	814,073 OH
2.2.26	Ft White - Jasper	(JF-1)	4,116,347 OH
2.2.27	Cross Bayou - GE Pinellas	(LD-2)	165,237 OH
2.2.28	Clearwater - East Clearwater	(LECW-3)	877,862 OH
2.2.29	Largo - Taylor Ave	(LTW-1)	324,016 OH
2.2.30	Altamonte - North Longwood CKT #2	(NLA-1)	168,096 OH
2.2.31	Atwater - Quincy	(QX-1)	198,749 OH
2.2.32	Lake Wales - West Lake Wales CKT #2	(WLL-1)	1,588,766 OH
2.2.33	Altamonte - Maitland	(WO-1)	1,849,394 OH
2.2.34	Altamonte - North Longwood CKT #1	(WO-2)	1,040,040 OH
2.2.35	Lockwood Tap	(FTO-1-TL1)	765,205 OH
2.2.36	Ft Meade - South Polk	(AF-2)	2,853,950 OH
2.2.37	Largo - Ulmerton West	(DLW-2)	113,579 OH
2.2.38	Kelly Park - Zellwood	(EP-3)	2,083,868 OH
2.2.39	Hanson - Cherry Lake Radial	(HC-1)	332,868 OH
2.2.40	GE Pinellas - Largo	(LD-3)	383,133 OH
2.2.41	Isleworth - Disney World Northwest	(WT-3)	2,005,352 OH
2.2.42	Perry North Tap	(DP-1-TL3)	273,278 OH
2.2.43	Ulmerton West - Walsingham	(DLW-6)	251,446 OH
2.2.44	Apopka South - Woodsmere	(WP-2)	24,844 OH
2.2.45	Ft Meade - Dry Prairie	(FV-1)	1,677,424 OH
2.2.46	Webster SEC 69kV Tapline	(BCF-BW-2-TL4)	5,202,400 OH
2.2.47	Unassigned 2021 Projects	TBD	8,891,802 OH
	Engineering/Materials for 2022 Projects	-	2,144,702 OH
	TOTAL for 2021 & 2022 Engineering		70,451,040 OH
	TOTAL for 2021 Only		68,306,338
	2021 Pole Replacement Base Rates		34,800,000
	Allocation of O&M to Base Rates vs. SPPCRC		51%

20220050-DEF-004991

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 4 of 31
Page 12 of 49

Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution - (FERC 364)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$599,524	\$1,247,630	\$1,271,915	\$6,590,684	\$6,490,891	\$6,748,148	\$6,565,769	\$6,322,671	\$5,308,029	\$3,873,075	\$2,954,381	\$2,786,436	\$1,950,834	\$52,110,465
	b. Clearings to Plant		0	0	0	415,241	7,297,219	6,962,974	8,741,684	9,056,262	6,553,229	4,916,819	3,887,359	2,400,739	50,231,526
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	415,241	7,712,460	14,675,434	23,417,119	32,473,381	39,026,610	43,943,428	47,830,787	50,231,526	
3	Less: Accumulated Depreciation	0	0	0	0	0	(1,453)	(28,447)	(79,811)	(161,771)	(275,428)	(412,021)	(565,823)	(733,231)	
4	CWIP - Non-Interest Bearing	\$99,524	1,847,155	3,119,070	9,709,754	15,785,405	15,236,334	14,839,128	12,420,115	8,671,881	5,991,728	4,029,290	2,928,368	2,478,463	
5	Net Investment (Lines 2 + 3 + 4)	\$599,524	\$1,847,155	\$3,119,070	\$9,709,754	\$16,200,646	\$22,947,340	\$29,486,116	\$35,757,422	\$40,983,491	\$44,742,910	\$47,560,698	\$50,193,332	\$51,976,758	
6	Average Net Investment		\$1,223,340	\$2,483,112	\$6,414,412	\$12,955,200	\$19,573,993	\$26,216,728	\$32,621,769	\$38,370,457	\$42,863,200	\$46,151,804	\$48,877,015	\$51,085,045	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$1,794	\$3,642	\$9,408	\$19,001	\$28,709	\$38,451	\$47,845	\$56,277	\$62,866	\$67,689	\$71,686	\$74,925	482,293
	b. Equity Component Grossed Up For Taxes	6.18%	\$6,300	\$12,788	\$33,034	\$66,719	\$100,806	\$135,016	\$168,002	\$197,608	\$220,745	\$237,682	\$251,717	\$263,088	1,693,506
	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	\$1,453	\$26,994	\$51,364	\$81,960	\$113,657	\$136,593	\$153,802	\$167,408	733,231
	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	265	4,917	9,356	14,930	20,704	24,882	28,016	30,495	32,026	165,590
	e. Other (D)	4.2%	0	0	0	0	(13)	(244)	(464)	(741)	(1,027)	(1,234)	(1,390)	(1,513)	(6,626)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$8,094	\$16,430	\$42,442	\$85,985	\$135,872	\$209,573	\$281,677	\$355,807	\$421,123	\$468,746	\$506,310	\$535,933	\$3,067,994
	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		\$8,094	\$16,430	\$42,442	\$85,985	\$135,872	\$209,573	\$281,677	\$355,807	\$421,123	\$468,746	\$506,310	\$535,933	\$3,067,994
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)		8,059	16,358	42,256	85,608	135,275	208,653	280,440	354,245	419,274	466,689	504,087	533,580	3,054,525
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$8,059	\$16,358	\$42,256	\$85,608	\$135,275	\$208,653	\$280,440	\$354,245	\$419,274	\$466,689	\$504,087	\$533,580	\$3,054,525

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021
Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution - (FERC 365)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 5 of 31
Page 13 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	Period Total
1	Investments														
	a. Expenditures/Additions	\$74,941	\$155,954	\$158,989	\$823,836	\$811,361	\$843,519	\$820,721	\$790,334	\$663,504	\$484,134	\$369,298	\$348,305	\$243,854	\$6,513,808
	b. Clearings to Plant		0	0	0	51,905	912,152	870,372	1,092,711	1,132,033	819,154	614,602	485,920	300,092	6,278,941
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	51,905	964,057	1,834,429	2,927,140	4,059,173	4,878,326	5,492,929	5,978,848	6,278,941	
3	Less: Accumulated Depreciation	0	0	0	0	0	(117)	(2,286)	(6,413)	(12,999)	(22,133)	(33,109)	(45,468)	(58,920)	
4	CWIP - Non-Interest Bearing	74,941	230,894	389,884	1,213,719	1,973,176	1,904,542	1,854,891	1,552,514	1,083,985	748,966	503,661	366,046	309,808	
5	Net Investment (Lines 2 + 3 + 4)	<u>\$74,941</u>	<u>\$230,894</u>	<u>\$389,884</u>	<u>\$1,213,719</u>	<u>\$2,025,081</u>	<u>\$2,868,482</u>	<u>\$3,687,034</u>	<u>\$4,473,241</u>	<u>\$5,130,158</u>	<u>\$5,605,160</u>	<u>\$5,963,481</u>	<u>\$6,299,426</u>	<u>\$6,529,828</u>	
6	Average Net Investment		\$152,917	\$310,389	\$801,802	\$1,619,400	\$2,446,782	\$3,277,758	\$4,080,138	\$4,801,700	\$5,367,659	\$5,784,320	\$6,131,454	\$6,414,627	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$224	\$455	\$1,176	\$2,375	\$3,589	\$4,807	\$5,984	\$7,042	\$7,873	\$8,484	\$8,993	\$9,408	60,410
	b. Equity Component Grossed Up For Taxes	6.18%	\$788	\$1,599	\$4,129	\$8,340	\$12,601	\$16,880	\$21,013	\$24,729	\$27,643	\$29,789	\$31,577	\$33,035	212,123
	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	\$117	\$2,169	\$4,127	\$6,586	\$9,133	\$10,976	\$12,359	\$13,452	58,920
	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	\$33	\$615	\$1,170	\$1,866	\$2,588	\$3,110	\$3,502	\$3,812	\$4,003	20,699
	e. Other (D)	2.7%	0	0	0	0	(15)	(277)	(527)	(841)	(1,167)	(1,402)	(1,579)	(1,719)	(7,528)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,012	\$2,054	\$5,305	\$10,748	\$16,906	\$24,749	\$32,463	\$40,104	\$46,592	\$51,349	\$55,162	\$58,180	\$344,625
	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		\$1,012	\$2,054	\$5,305	\$10,748	\$16,906	\$24,749	\$32,463	\$40,104	\$46,592	\$51,349	\$55,162	\$58,180	\$344,625
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)		1,007	2,045	5,282	10,701	16,832	24,641	32,321	39,928	46,388	51,123	54,920	57,925	343,112
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$1,007</u>	<u>\$2,045</u>	<u>\$5,282</u>	<u>\$10,701</u>	<u>\$16,832</u>	<u>\$24,641</u>	<u>\$32,321</u>	<u>\$39,928</u>	<u>\$46,388</u>	<u>\$51,123</u>	<u>\$54,920</u>	<u>\$57,925</u>	<u>\$343,112</u>

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 24.522% (Inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021
Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution - (FERC 368)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 6 of 31
Page 14 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$6,813	\$14,178	\$14,454	\$74,894	\$73,760	\$76,684	\$74,611	\$71,849	\$60,319	\$44,012	\$33,573	\$31,664	\$22,169	\$592,164
	b. Clearings to Plant		0	0	0	4,719	82,923	79,125	99,337	102,912	74,469	55,873	44,175	27,281	\$70,813
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	4,719	87,642	166,766	266,104	369,016	443,484	499,357	\$43,532	\$70,813	
3	Less: Accumulated Depreciation	0	0	0	0	0	(11)	(223)	(626)	(1,269)	(2,161)	(3,233)	(4,440)	(5,753)	
4	CWIP - Non-Interest Bearing	6,812	20,990	35,443	110,338	179,379	173,140	168,626	141,137	98,544	68,087	45,787	33,276	28,164	
5	Net Investment (Lines 2 + 3 + 4)	\$6,812	\$20,990	\$35,443	\$110,338	\$184,098	\$260,770	\$335,169	\$406,615	\$466,290	\$509,410	\$541,911	\$572,368	\$593,223	
6	Average Net Investment		\$13,901	\$28,217	\$72,891	\$147,218	\$222,434	\$297,969	\$370,892	\$436,452	\$487,850	\$525,661	\$557,140	\$582,796	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$20	\$41	\$107	\$216	\$326	\$437	\$544	\$640	\$716	\$771	\$817	\$855	5,490
	b. Equity Component Grossed Up For Taxes	6.18%	\$72	\$145	\$375	\$758	\$1,146	\$1,535	\$1,910	\$2,248	\$2,512	\$2,707	\$2,869	\$3,001	19,279
	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	\$11	\$212	\$403	\$643	\$892	\$1,072	\$1,207	\$1,314	5,753
	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	\$3	\$56	\$106	\$170	\$235	\$283	\$318	\$347	\$364	1,882
	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)		\$92	\$187	\$482	\$977	\$1,539	\$2,290	\$3,027	\$3,766	\$4,402	\$4,868	\$5,240	\$5,534	\$32,404
	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		\$92	\$187	\$482	\$977	\$1,539	\$2,290	\$3,027	\$3,766	\$4,402	\$4,868	\$5,240	\$5,534	\$32,404
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)		92	186	480	973	1,532	2,280	3,013	3,750	4,383	4,847	5,217	5,509	32,262
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$92	\$186	\$480	\$973	\$1,532	\$2,280	\$3,013	\$3,750	\$4,383	\$4,847	\$5,217	\$5,509	\$32,262

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 24.522% (inc tax multiplier = 1.3249). 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

20220050-DEF-004994

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 7 of 31
Page 15 of 49

Return on Capital Investments, Depreciation and Taxes:
For Project: Structure Hardening - Transmission: Wood Pole Replacements - (FERC 355)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions (E)	\$1,874,118	\$2,893,224	\$3,767,200	\$3,424,168	\$6,043,089	\$5,426,777	\$6,904,237	\$7,043,581	\$6,700,606	\$5,782,870	\$5,457,648	\$3,745,325	\$3,399,148	\$60,587,872
	b. Clearings to Plant		344,147	753,959	1,894,192	5,646,804	8,090,564	1,108,218	9,522,500	13,387,291	3,904,207	4,166,054	2,793,007	7,132,486	58,743,428
	c. Adjustments for Base Activity	(1,874,118)	(2,494,000)	(2,494,000)	(2,494,000)	(2,494,000)	(2,494,000)	(2,494,000)	(2,494,000)	(2,494,000)	(2,494,000)	(2,494,000)	(2,494,000)	(2,494,000)	(29,928,000)
	d. Monthly Amount of 2021 SPPCRC Investment (Lines 1a - 1c)		399,224	1,273,200	930,168	3,549,089	2,932,777	4,410,237	4,549,581	4,206,606	3,288,870	2,963,648	1,251,325	905,148	
	e. YTD Amount of 2021 SPPCRC Recoverable Investment		399,224	1,672,424	2,602,592	6,151,681	9,084,458	13,494,695	18,044,275	22,250,881	25,539,752	28,503,399	29,754,724	30,659,872	30,659,872
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	4,259,666	2,873,884	9,902,384	20,795,674	22,205,882	23,877,936	24,176,942	28,815,428	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	(11,714)	(19,617)	(46,849)	(104,037)	(165,103)	(230,767)	(297,254)	
4	CWIP - Non-Interest Bearing	0	399,224	1,672,424	2,602,592	6,151,681	4,824,792	10,620,811	8,141,892	1,455,207	3,333,870	4,625,464	5,577,782	1,844,444	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$399,224	\$1,672,424	\$2,602,592	\$6,151,681	\$9,084,458	\$13,482,981	\$18,024,658	\$22,204,032	\$25,435,715	\$28,338,296	\$29,523,957	\$30,362,618	
6	Average Net Investment		\$199,612	\$1,035,824	\$2,137,508	\$4,377,136	\$7,618,070	\$11,283,719	\$15,753,819	\$20,114,345	\$23,819,873	\$26,887,005	\$28,931,127	\$29,943,287	
7	Return on Average Net Investment (A)														
	a. Debt Component		1.76%	\$293	\$1,519	\$3,135	\$6,420	\$11,173	\$16,549	\$23,106	\$29,501	\$34,936	\$39,434	\$42,432	252,415
	b. Equity Component Grossed Up For Taxes		6.18%	\$1,028	\$5,334	\$11,008	\$22,542	\$39,233	\$58,111	\$81,132	\$103,589	\$122,672	\$138,468	\$148,995	886,322
	c. Other			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	3.3%	\$0	\$0	\$0	\$0	\$0	\$11,714	\$7,903	\$27,232	\$57,188	\$61,066	\$65,664	\$66,487	297,254
	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	2,716	1,832	6,313	13,258	14,158	15,224	15,414	18,372	87,287
	e. Other (D)	3.3%	0	0	0	0	0	(2,132)	(2,415)	(2,710)	(3,262)	(3,363)	(3,609)	(3,798)	(21,289)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,321	\$6,854	\$14,143	\$28,962	\$53,122	\$86,075	\$116,039	\$170,870	\$225,692	\$250,829	\$268,898	\$279,185	\$1,501,989
	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		\$1,321	\$6,854	\$14,143	\$28,962	\$53,122	\$86,075	\$116,039	\$170,870	\$225,692	\$250,829	\$268,898	\$279,185	\$1,501,989
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)		927	4,812	9,929	20,332	37,293	60,427	81,463	119,956	158,443	176,089	188,774	195,996	1,054,442
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$927	\$4,812	\$9,929	\$20,332	\$37,293	\$60,427	\$81,463	\$119,956	\$158,443	\$176,089	\$188,774	\$195,996	\$1,054,442

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 24.522% (inc tax multiplier = 1.3249). 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.

20220050-DEF-004995

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A. Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 8 of 31
Page 16 of 49

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission; Wood Pole Replacements - (FERC 356)
(In Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions (E)	\$283,297	\$437,348	\$569,460	\$517,607	\$913,490	\$820,327	\$1,043,664	\$1,064,727	\$1,012,882	\$874,155	\$824,993	\$566,154	\$513,825	\$9,158,632
	b. Clearings to Plant		42,535	93,186	286,331	853,587	1,222,992	167,521	1,439,448	2,023,660	590,171	629,752	422,199	1,108,438	8,879,821
	c. Adjustments for Base Activity	(283,297)	(377,000)	(377,000)	(377,000)	(377,000)	(377,000)	(377,000)	(377,000)	(377,000)	(377,000)	(377,000)	(377,000)	(377,000)	(4,524,000)
	d. Monthly Amount of 2021 SPPCRC Investment (Lines 1a - 1c)		60,348	192,460	140,607	536,490	443,327	666,664	687,727	635,882	497,155	447,993	189,154	136,825	
	e. YTD Amount of 2021 SPPCRC Recoverable Investment		60,348	252,808	393,415	929,905	1,373,232	2,039,896	2,727,623	3,363,505	3,860,660	4,308,653	4,497,807	4,634,632	4,634,632
2	Plant-in-Service/Depreciation Base		0	0	0	0	613,631	404,153	1,466,600	3,113,260	3,326,431	3,579,184	3,624,382	4,355,821	
3	Less: Accumulated Depreciation		0	0	0	0	0	(972)	(1,611)	(3,934)	(8,863)	(14,130)	(19,797)	(25,535)	
4	CWIP - Non-Interest Bearing		60,348	252,808	393,415	929,905	759,601	1,635,743	1,261,023	250,245	534,229	729,470	873,425	278,811	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$60,348	\$252,808	\$393,415	\$929,905	\$1,373,232	\$2,038,924	\$2,726,012	\$3,359,572	\$3,851,797	\$4,294,524	\$4,478,010	\$4,609,096	
6	Average Net Investment		\$30,174	\$156,578	\$323,112	\$661,660	\$1,151,569	\$1,706,078	\$2,382,468	\$3,042,792	\$3,605,684	\$4,073,160	\$4,386,267	\$4,543,553	
7	Return on Average Net Investment (A)														
	a. Debt Component		\$44	\$230	\$474	\$970	\$1,689	\$2,502	\$3,494	\$4,463	\$5,288	\$5,974	\$6,433	\$6,664	38,226
	b. Equity Component Grossed Up For Taxes		\$155	\$806	\$1,664	\$3,408	\$5,931	\$8,786	\$12,270	\$15,670	\$18,569	\$20,977	\$22,589	\$23,399	134,225
	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	\$972	\$640	\$2,322	\$4,929	\$5,267	\$5,667	\$5,739	25,535
	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	\$391	\$258	\$935	\$1,985	\$2,121	\$2,282	\$2,311	\$2,777	13,059
	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)		\$200	\$1,036	\$2,138	\$4,378	\$8,011	\$12,518	\$17,339	\$24,440	\$30,908	\$34,500	\$37,000	\$38,579	\$211,046
	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		\$200	\$1,036	\$2,138	\$4,378	\$8,011	\$12,518	\$17,339	\$24,440	\$30,908	\$34,500	\$37,000	\$38,579	\$211,046
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)		140	727	1,501	3,073	5,624	8,788	12,172	17,158	21,698	24,220	25,975	27,084	148,160
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$140	\$727	\$1,501	\$3,073	\$5,624	\$8,788	\$12,172	\$17,158	\$21,698	\$24,220	\$25,975	\$27,084	\$148,160

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 24.522% (inc tax multiplier = 1.3249). 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.

20220050-DEF-004996

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A. Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 9 of 31
Page 17 of 49

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Wood Pole Replacements - (FERC 354)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions (E)	\$21,792	\$33,642	\$43,805	\$39,816	\$70,268	\$63,102	\$80,282	\$81,902	\$77,914	\$67,243	\$63,461	\$43,550	\$39,525	\$704,510
	b. Clearings to Plant		0	0	22,025	65,661	94,076	12,886	110,727	155,666	45,398	48,442	32,477	95,705	683,063
	c. Adjustments for Base Activity	(21,792)	(29,000)	(29,000)	(29,000)	(29,000)	(29,000)	(29,000)	(29,000)	(29,000)	(29,000)	(29,000)	(29,000)	(29,000)	(348,000)
	d. Monthly Amount of 2021 SPPCRC Investment (Lines 1a - 1c)		4,642	14,805	10,816	41,268	34,102	51,282	52,902	48,914	38,243	34,461	14,550	10,525	
	e. YTD Amount of 2021 SPPCRC Recoverable Investment		4,642	19,447	30,263	71,531	105,633	156,915	209,817	258,731	296,974	331,435	345,985	356,510	
2	Plant-in-Service/Depreciation Base		0	0	0	0	36,762	20,649	102,375	229,041	245,439	264,882	268,359	335,063	
3	Less: Accumulated Depreciation		0	0	0	0	0	(40)	(62)	(173)	(421)	(687)	(974)	(1,265)	
4	CWIP - Non-Interest Bearing		4,642	19,447	30,263	71,531	68,871	136,266	107,442	29,690	51,535	66,553	77,627	21,447	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$4,642	\$19,447	\$30,263	\$71,531	\$105,633	\$156,875	\$209,755	\$258,558	\$296,553	\$330,748	\$345,011	\$355,245	
6	Average Net Investment		\$2,321	\$12,044	\$24,855	\$50,897	\$88,582	\$131,254	\$183,315	\$234,157	\$277,555	\$313,650	\$337,879	\$350,128	
7	Return on Average Net Investment (A)														
	a. Debt Component		1.76%												2,943
	b. Equity Component Grossed Up For Taxes		6.18%												10,334
	c. Other														0
8	Investment Expenses														
	a. Depreciation		1.3%												1,265
	b. Amortization														0
	c. Dismantlement														N/A
	d. Property Taxes		0.007651												958
	e. Other (D)		1.3%												0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$15	\$80	\$164	\$337	\$610	\$921	\$1,301	\$1,806	\$2,241	\$2,510	\$2,694	\$2,821	\$15,500
	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		\$15	\$80	\$164	\$337	\$610	\$921	\$1,301	\$1,806	\$2,241	\$2,510	\$2,694	\$2,821	\$15,500
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	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)		11	56	115	236	428	647	913	1,268	1,573	1,762	1,891	1,980	10,881
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$11	\$56	\$115	\$236	\$428	\$647	\$913	\$1,268	\$1,573	\$1,762	\$1,891	\$1,980	\$10,881

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 24.522% (inc tax multiplier = 1.3249). 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.

20220050-DEF-004997

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

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Tower Upgrade - (FERC 354)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 10 of 31
Page 18 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,017	\$394,535	\$394,535	\$394,535	\$394,535	\$0	\$1,620,156
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	1,215,117	405,039	0	1,620,156
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base		0	0	0	0	0	0	0	0	0	1,215,117	1,620,156	1,620,156	
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	(1,316)	(3,072)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	42,017	436,552	831,086	10,504	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,017	\$436,552	\$831,086	\$1,225,621	\$1,618,840	\$1,617,084	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$21,008	\$239,284	\$633,819	\$1,028,354	\$1,422,230	\$1,617,962	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$31	\$351	\$930	\$1,508	\$2,086	\$2,373	7,279
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$108	\$1,232	\$3,264	\$5,296	\$7,324	\$8,333	25,558
	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	\$1,316	\$1,755	3,072
	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	\$775	\$1,033	\$1,033	2,841
	e. Other (D)	1.3%	0	0	0	0	0	0	0	0	0	0	(36)	(48)	(83)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$0	\$0	\$0	\$139	\$1,583	\$4,194	\$7,579	\$11,724	\$13,446	\$38,665
	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	\$139	\$1,583	\$4,194	\$7,579	\$11,724	\$13,446	\$38,665
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	98	1,111	2,944	5,321	8,231	9,439	27,144
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$98	\$1,111	\$2,944	\$5,321	\$8,231	\$9,439	\$27,144

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Tower Upgrade - (FERC 356)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 11 of 31
Page 19 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,193	\$48,763	\$48,763	\$48,763	\$48,763	\$0	\$200,244
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	150,183	50,061	0	200,244
	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	150,183	200,244	200,244	
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	(238)	(555)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	5,193	53,956	102,719	1,298	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,193	\$53,956	\$102,719	\$151,481	\$200,006	\$199,689	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$2,597	\$29,574	\$78,337	\$127,100	\$175,744	\$199,848	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$4	\$43	\$115	\$186	\$258	\$293	899
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$13	\$152	\$403	\$655	\$905	\$1,029	3,158
	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	\$238	\$317	555
	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	\$96	\$128	\$128	351
	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	\$17	\$196	\$518	\$937	\$1,528	\$1,767	\$4,963
	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	\$17	\$196	\$518	\$937	\$1,528	\$1,767	\$4,963
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	12	137	364	658	1,073	1,241	3,484
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$12	\$137	\$364	\$658	\$1,073	\$1,241	\$3,484

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 24.522% (inc tax multiplier = 1.3249). 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

20220050-DEF-004999

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Estimated Period Amount
January 2021 - December 2021
Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening -Transmission: Cathodic Protection - (FERC 354)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 12 of 31
Page 20 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$257,947	\$288,507	\$280,596	\$196,950	\$0	\$0	\$0	\$1,024,000
	b. Clearings to Plant		0	0	0	0	0	0	257,947	288,507	280,596	196,950	0	0	1,024,000
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base		0	0	0	0	0	0	257,947	\$46,454	827,050	1,024,000	1,024,000	1,024,000	
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	(279)	(871)	(1,767)	(2,877)	(3,986)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	257,947	288,507	280,596	196,950	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$257,947	\$546,454	\$826,771	\$1,023,129	\$1,022,233	\$1,021,123	\$1,020,014	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$128,974	\$402,201	\$686,612	\$924,950	\$1,022,681	\$1,021,678	\$1,020,569	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$189	\$590	\$1,007	\$1,357	\$1,500	\$1,498	\$1,497	7,638
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$664	\$2,071	\$3,536	\$4,763	\$5,267	\$5,262	\$5,256	26,819
	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	\$279	\$592	\$896	\$1,109	\$1,109	3,986
	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	-	164	348	527	653	653	653	2,999
	e. Other	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	\$853	\$2,826	\$5,171	\$7,239	\$8,316	\$8,522	\$8,515	\$41,442
	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	\$853	\$2,826	\$5,171	\$7,239	\$8,316	\$8,522	\$8,515	\$41,442
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	599	1,984	3,630	5,082	5,838	5,983	5,978	29,094
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$599	\$1,984	\$3,630	\$5,082	\$5,838	\$5,983	\$5,978	\$29,094

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 24.522% (Inc tax multiplier = 1.3249). 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

20220050-DEF-005000

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

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening OH - Distribution - (FERC 364)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 13 of 31
Page 21 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$173,295	\$184,848	\$231,060	\$231,060	\$231,060	\$323,484	\$1,374,806
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	173,295	358,143	589,203	820,262	1,051,322	1,374,806	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$173,295	\$358,143	\$589,203	\$820,262	\$1,051,322	\$1,374,806	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$86,647	\$265,719	\$473,673	\$704,733	\$935,792	\$1,213,064	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$127	\$390	\$695	\$1,034	\$1,372	\$1,779	5,397
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$446	\$1,368	\$2,439	\$3,629	\$4,819	\$6,247	18,950
	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	0.007651	\$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	\$573	\$1,758	\$3,134	\$4,663	\$6,192	\$8,026	\$24,347
	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	\$573	\$1,758	\$3,134	\$4,663	\$6,192	\$8,026	\$24,347
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	571	1,750	3,120	4,643	6,165	7,991	24,240
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$571	\$1,750	\$3,120	\$4,643	\$6,165	\$7,991	\$24,240

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 24.522% (inc tax multiplier = 1.3249). 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

20220050-DEF-005001

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

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening OH - Distribution - (FERC 365)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 14 of 31
Page 22 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,662	\$23,106	\$28,882	\$28,882	\$28,882	\$40,435	\$171,851
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	21,662	44,768	73,650	102,533	131,415	171,851	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,662	\$44,768	\$73,650	\$102,533	\$131,415	\$171,851	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$10,831	\$33,215	\$59,209	\$88,092	\$116,974	\$151,633	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$16	\$49	\$87	\$129	\$172	\$222	675
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$56	\$171	\$305	\$454	\$602	\$781	2,369
	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	0.007651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	e. Other	2.7%	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	\$72	\$220	\$392	\$583	\$774	\$1,003	\$3,043
	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	\$72	\$220	\$392	\$583	\$774	\$1,003	\$3,043
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	71	219	390	580	771	999	3,030
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$71	\$219	\$390	\$580	\$771	\$999	\$3,030

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 24.522% (inc tax multiplier = 1.3249). 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

20220050-DEF-005002

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Estimated Period Amount
January 2021 - December 2021
Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening OH - Distribution - (FERC 368)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 15 of 31
Page 23 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,969	\$2,101	\$2,626	\$2,626	\$2,626	\$3,676	\$15,623
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	1,969	4,070	6,695	9,321	11,947	15,623	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,969	\$4,070	\$6,695	\$9,321	\$11,947	\$15,623	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$985	\$3,020	\$5,383	\$8,008	\$10,634	\$13,785	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$1	\$4	\$8	\$12	\$16	\$20	61
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$5	\$16	\$28	\$41	\$55	\$71	215
	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	0.007651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	e. Other	2.9%	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	\$7	\$20	\$36	\$53	\$70	\$91	\$277
	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	\$7	\$20	\$36	\$53	\$70	\$91	\$277
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	6	20	35	53	70	91	275
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$6	\$20	\$35	\$53	\$70	\$91	\$275

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening UG - Distribution - (FERC 366)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 16 of 31
Page 24 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,660	\$14,570	\$18,213	\$18,213	\$18,213	\$25,498	\$108,368
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	13,660	28,230	46,443	64,656	82,869	108,368	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,660	\$28,230	\$46,443	\$64,656	\$82,869	\$108,368	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$6,830	\$20,945	\$37,337	\$55,550	\$73,763	\$95,619	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$10	\$31	\$55	\$81	\$108	\$140	425
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$108	\$192	\$286	\$380	\$492	1,494
	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	\$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	1.6%	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	\$45	\$139	\$247	\$368	\$488	\$633	\$1,919
	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	\$45	\$139	\$247	\$368	\$488	\$633	\$1,919
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	45	138	246	366	486	630	1,911
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$45	\$138	\$246	\$366	\$486	\$630	\$1,911

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening UG - Distribution - (FERC 367)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 17 of 31
Page 25 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$187,538	\$200,040	\$250,050	\$250,050	\$250,050	\$350,070	\$1,487,798
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	187,538	387,578	637,628	887,678	1,137,728	1,487,798	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$187,538	\$387,578	\$637,628	\$887,678	\$1,137,728	\$1,487,798	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$93,769	\$287,558	\$512,603	\$762,653	\$1,012,703	\$1,312,763	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$138	\$422	\$752	\$1,119	\$1,485	\$1,925	5,840
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$483	\$1,481	\$2,640	\$3,928	\$5,215	\$6,761	20,508
	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	0.007651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	e. Other	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	\$620	\$1,903	\$3,392	\$5,046	\$6,701	\$8,686	\$26,348
	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	\$620	\$1,903	\$3,392	\$5,046	\$6,701	\$8,686	\$26,348
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	618	1,894	3,377	5,024	6,671	8,648	26,232
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$618	\$1,894	\$3,377	\$5,024	\$6,671	\$8,648	\$26,232

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening UG - Distribution - (FERC 368)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 18 of 31
Page 26 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,450	\$32,480	\$40,600	\$40,600	\$40,600	\$56,840	\$241,570
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	30,450	62,930	103,530	144,130	184,730	241,570	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,450	\$62,930	\$103,530	\$144,130	\$184,730	\$241,570	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$15,225	\$46,690	\$83,230	\$123,830	\$164,430	\$213,150	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$22	\$68	\$122	\$182	\$241	\$313	948
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$78	\$240	\$429	\$638	\$847	\$1,098	3,330
	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	0.007651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	e. Other	2.9%	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	\$101	\$309	\$551	\$819	\$1,088	\$1,410	\$4,278
	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	\$101	\$309	\$551	\$819	\$1,088	\$1,410	\$4,278
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	100	308	548	816	1,083	1,404	4,259
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$308	\$548	\$816	\$1,083	\$1,404	\$4,259

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening UG - Distribution - (FERC 369.2)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 19 of 31
Page 27 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$38,703	\$41,283	\$51,604	\$51,604	\$51,604	\$72,245	\$307,042
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	38,703	79,986	131,589	183,193	234,797	307,042	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$38,703	\$79,986	\$131,589	\$183,193	\$234,797	\$307,042	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$19,351	\$59,344	\$105,788	\$157,391	\$208,995	\$270,919	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$87	\$155	\$231	\$307	\$397	1,205
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$306	\$545	\$811	\$1,076	\$1,395	4,232
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	2.2%	\$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	0.007651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	e. Other	2.2%	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	\$128	\$393	\$700	\$1,041	\$1,383	\$1,793	\$5,437
	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	\$128	\$393	\$700	\$1,041	\$1,383	\$1,793	\$5,437
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	127	391	697	1,037	1,377	1,785	5,414
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$127	\$391	\$697	\$1,037	\$1,377	\$1,785	\$5,414

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 24.522% (inc tax multiplier = 1.3249). 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

20220050-DEF-005007

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

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening UG - Distribution - (FERC 360.1)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 20 of 31
Page 28 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,822	\$9,410	\$11,763	\$11,763	\$11,763	\$16,468	\$69,987
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	8,822	18,232	29,995	41,757	53,520	69,987	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,822	\$18,232	\$29,995	\$41,757	\$53,520	\$69,987	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$4,411	\$13,527	\$24,113	\$35,876	\$47,639	\$61,754	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$6	\$20	\$35	\$53	\$70	\$91	275
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$23	\$70	\$124	\$185	\$245	\$318	965
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	1.4%	\$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 (D)	1.4%	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	\$29	\$90	\$160	\$237	\$315	\$409	\$1,239
	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	\$29	\$90	\$160	\$237	\$315	\$409	\$1,239
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	29	89	159	236	314	407	1,234
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$29	\$89	\$159	\$236	\$314	\$407	\$1,234

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening UG - Distribution - (FERC 397)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 21 of 31
Page 29 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,407	\$5,767	\$7,209	\$7,209	\$7,209	\$10,093	\$42,896
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	5,407	11,174	18,384	25,593	32,802	42,896	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,407	\$11,174	\$18,384	\$25,593	\$32,802	\$42,896	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$2,704	\$8,291	\$14,779	\$21,988	\$29,198	\$37,849	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$4	\$12	\$22	\$32	\$43	\$56	168
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$14	\$43	\$76	\$113	\$150	\$195	591
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	14.3%	\$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	0.007651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	e. Other	14.3%	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	\$18	\$55	\$98	\$145	\$193	\$250	\$760
	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	\$18	\$55	\$98	\$145	\$193	\$250	\$760
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	18	55	97	145	192	249	756
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$18	\$55	\$97	\$145	\$192	\$249	\$756

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 362)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 22 of 31
Page 30 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$34,167	\$45,556	\$56,946	\$56,946	\$45,556	\$39,862	\$279,033
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	34,167	79,724	136,669	193,615	239,171	279,033	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$34,167	\$79,724	\$136,669	\$193,615	\$239,171	\$279,033	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$17,084	\$56,946	\$108,197	\$165,142	\$216,393	\$259,102	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$25	\$84	\$159	\$242	\$317	\$380	1,207
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$88	\$293	\$557	\$850	\$1,114	\$1,334	4,238
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	1.8%	\$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	1.8%	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	\$113	\$377	\$716	\$1,093	\$1,432	\$1,714	\$5,445
	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	\$113	\$377	\$716	\$1,093	\$1,432	\$1,714	\$5,445
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	113	375	713	1,088	1,426	1,707	5,421
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$113	\$375	\$713	\$1,088	\$1,426	\$1,707	\$5,421

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 364)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 23 of 31
Page 31 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$34,167	\$45,556	\$56,946	\$56,946	\$45,556	\$39,862	\$279,033
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	34,167	79,724	136,669	193,615	239,171	279,033	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$34,167	\$79,724	\$136,669	\$193,615	\$239,171	\$279,033	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$17,084	\$56,946	\$108,197	\$165,142	\$216,393	\$259,102	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$25	\$84	\$159	\$242	\$317	\$380	1,207
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$88	\$293	\$557	\$850	\$1,114	\$1,334	4,238
	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	0.007651	\$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	\$113	\$377	\$716	\$1,093	\$1,432	\$1,714	\$5,445
	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	\$113	\$377	\$716	\$1,093	\$1,432	\$1,714	\$5,445
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	113	375	713	1,088	1,426	1,707	5,421
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$113	\$375	\$713	\$1,088	\$1,426	\$1,707	\$5,421

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 365)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 24 of 31
Page 32 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$232,338	\$309,784	\$387,230	\$387,230	\$309,784	\$271,061	\$1,897,426
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	232,338	\$42,122	\$29,351	\$1,316,581	\$1,626,365	\$1,897,426	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$232,338	\$542,122	\$929,351	\$1,316,581	\$1,626,365	\$1,897,426	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$116,169	\$387,230	\$735,737	\$1,122,966	\$1,471,473	\$1,761,895	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$170	\$568	\$1,079	\$1,647	\$2,158	\$2,584	8,207
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$598	\$1,994	\$3,789	\$5,783	\$7,578	\$9,074	28,817
	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	0.007651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	e. Other	2.7%	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	\$769	\$2,562	\$4,868	\$7,430	\$9,736	\$11,658	\$37,023
	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	\$769	\$2,562	\$4,868	\$7,430	\$9,736	\$11,658	\$37,023
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	765	2,551	4,847	7,398	9,694	11,607	36,861
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$765	\$2,551	\$4,847	\$7,398	\$9,694	\$11,607	\$36,861

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 367)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 25 of 31
Page 33 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,667	\$18,223	\$22,778	\$22,778	\$18,223	\$15,945	\$111,613
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	13,667	31,890	54,668	77,446	95,669	111,613	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,667	\$31,890	\$54,668	\$77,446	\$95,669	\$111,613	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$6,833	\$22,778	\$43,279	\$66,057	\$86,557	\$103,641	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$10	\$33	\$63	\$97	\$127	\$152	483
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$117	\$223	\$340	\$446	\$534	1,695
	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	0.007651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	e. Other	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	\$45	\$151	\$286	\$437	\$573	\$686	\$2,178
	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	\$45	\$151	\$286	\$437	\$573	\$686	\$2,178
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	45	150	285	435	570	683	2,168
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$45	\$150	\$285	\$435	\$570	\$683	\$2,168

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 368)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 26 of 31
Page 34 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,500	\$27,334	\$34,167	\$34,167	\$27,334	\$23,917	\$167,420
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	20,500	47,834	82,002	116,169	143,503	167,420	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,500	\$47,834	\$82,002	\$116,169	\$143,503	\$167,420	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$10,250	\$34,167	\$64,918	\$99,085	\$129,836	\$155,461	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$15	\$50	\$95	\$145	\$190	\$228	724
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$53	\$176	\$334	\$510	\$669	\$801	2,543
	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	0.007651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	e. Other	2.9%	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	\$68	\$226	\$430	\$656	\$859	\$1,029	\$3,267
	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	\$68	\$226	\$430	\$656	\$859	\$1,029	\$3,267
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	68	225	428	653	855	1,024	3,252
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$68	\$225	\$428	\$653	\$855	\$1,024	\$3,252

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 24.522% (inc tax multiplier = 1.3249). 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

20220050-DEF-005014

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

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 369)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 27 of 31
Page 35 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,417	\$4,556	\$5,695	\$5,695	\$4,556	\$3,986	\$27,903
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	3,417	7,972	13,667	19,361	23,917	27,903	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,417	\$7,972	\$13,667	\$19,361	\$23,917	\$27,903	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$1,708	\$5,695	\$10,820	\$16,514	\$21,639	\$25,910	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$3	\$8	\$16	\$24	\$32	\$38	121
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$9	\$29	\$56	\$85	\$111	\$133	424
	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	0.007651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	e. Other	4.0%	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	\$11	\$38	\$72	\$109	\$143	\$171	\$544
	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	\$11	\$38	\$72	\$109	\$143	\$171	\$544
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	11	38	71	109	143	171	542
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$11	\$38	\$71	\$109	\$143	\$171	\$542

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 370)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 28 of 31
Page 36 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,417	\$4,556	\$5,695	\$5,695	\$4,556	\$3,986	\$27,903
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	3,417	7,972	13,667	19,361	23,917	27,903	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,417	\$7,972	\$13,667	\$19,361	\$23,917	\$27,903	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$1,708	\$5,695	\$10,820	\$16,514	\$21,639	\$25,910	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$3	\$8	\$16	\$24	\$32	\$38	121
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$9	\$29	\$56	\$85	\$111	\$133	424
	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	\$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	6.0%	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	\$11	\$38	\$72	\$109	\$143	\$171	\$544
	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	\$11	\$38	\$72	\$109	\$143	\$171	\$544
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	11	38	71	109	143	171	542
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$11	\$38	\$71	\$109	\$143	\$171	\$542

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Return on Capital Investments, Depreciation and Taxes
For Project: SOG C&C - Distribution - (FERC 364)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 29 of 31
Page 37 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,538	\$26,051	\$32,564	\$32,564	\$26,051	\$22,795	\$159,564
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	19,538	45,590	78,154	110,718	136,769	159,564	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,538	\$45,590	\$78,154	\$110,718	\$136,769	\$159,564	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$9,769	\$32,564	\$61,872	\$94,436	\$123,744	\$148,167	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$14	\$48	\$91	\$139	\$181	\$217	690
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$50	\$168	\$319	\$486	\$637	\$763	2,423
	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	0.007651	\$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	\$65	\$215	\$409	\$625	\$819	\$980	\$3,113
	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	\$65	\$215	\$409	\$625	\$819	\$980	\$3,113
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	64	215	408	622	815	976	3,100
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$64	\$215	\$408	\$622	\$815	\$976	\$3,100

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 24.522% (inc tax multiplier = 1.3249). 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

20220050-DEF-005017

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

Return on Capital Investments, Depreciation and Taxes
For Project: SOG C&C - Distribution - (FERC 365)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 30 of 31
Page 38 of 49

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$59,546	\$79,394	\$99,243	\$99,243	\$79,394	\$69,470	\$486,291
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	\$9,546	\$38,940	\$28,183	\$37,426	\$416,821	\$486,291	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$59,546	\$138,940	\$238,183	\$337,426	\$416,821	\$486,291	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$29,773	\$99,243	\$188,562	\$287,805	\$377,123	\$451,556	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$146	\$277	\$422	\$553	\$662	2,103
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$153	\$511	\$971	\$1,482	\$1,942	\$2,326	7,385
	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	0.007651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	e. Other	2.7%	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	\$197	\$657	\$1,248	\$1,904	\$2,495	\$2,988	\$9,489
	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	\$197	\$657	\$1,248	\$1,904	\$2,495	\$2,988	\$9,489
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	196	654	1,242	1,896	2,484	2,975	9,447
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$196	\$654	\$1,242	\$1,896	\$2,484	\$2,975	\$9,447

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-1)
Form 7E
Page 31 of 31
Page 39 of 49

Return on Capital Investments, Depreciation and Taxes
For Project: SOG C&C - Distribution - (FERC 368)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Estimate March	Estimate April	Estimate May	Estimate June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,956	\$18,608	\$23,260	\$23,260	\$18,608	\$16,282	\$113,974
	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	0
	d. Other		0	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	0
3	Less: Accumulated Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	13,956	32,564	55,824	79,084	97,692	113,974	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,956	\$32,564	\$55,824	\$79,084	\$97,692	\$113,974	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$6,978	\$23,260	\$44,194	\$67,454	\$88,388	\$105,833	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.76%	\$0	\$0	\$0	\$0	\$0	\$0	\$10	\$34	\$65	\$99	\$130	\$155	493
	b. Equity Component Grossed Up For Taxes	6.18%	\$0	\$0	\$0	\$0	\$0	\$0	\$36	\$120	\$228	\$347	\$455	\$545	1,731
	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	0.007651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	e. Other	2.9%	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	\$46	\$154	\$292	\$446	\$585	\$700	\$2,224
	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	\$46	\$154	\$292	\$446	\$585	\$700	\$2,224
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	46	153	291	444	582	697	2,214
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$46	\$153	\$291	\$444	\$582	\$697	\$2,214

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 24.522% (inc tax multiplier = 1.3249). 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 Estimated Period Amount
January 2021 - December 2021**

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: B.M. Lloyd
Exh. No. ____ (CAM-1)
Form 8E (Page 1 of 9)
Page 40 of 49

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: 2020 Capital investment was \$681,278. DEF expects to spend an additional \$57,081,258 on engineering and construction for the 2021 Feeder hardening work plan by December 31, 2021. In addition, DEF will be spending an additional \$2,135,180 in 2021 on engineering and design for the 2022 Feeder hardening workplan.

Progress Summary: Engineering began in August 2020. Currently 65% of the mileage and 70% of the poles in the work plan have engineering completed. Construction began at the end of January 2021 with approximately 30% of the designed work having construction complete. Duke is on track to complete the entire 2021 work plan by December 31, 2021. In addition, engineering on the 2022 targets identified will begin in July 2021 allowing for construction of the 2022 workplan to begin in January 2022.

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: B.M. Lloyd
Exh. No. __ (CAM-1)
Form 8E (Page 2 of 9)
Page 41 of 49

Project Description and Progress Report

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 expects to spend \$ 1,562,280 on engineering for the 2022 Lateral Hardening Overhead Program in 2021

Progress Summary: For the 2022 inaugural year, DEF has identified targets and created a 2022 work plan. Engineering is planned to start in July 2021.

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: B.M. Lloyd
Exh. No. __ (CAM-1)
Form 8E (Page 3 of 9)
Page 42 of 49

Project Description and Progress Report

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 expects to spend \$2,257,660 on engineering for the 2022 SPP Lateral Hardening Underground Program in 2021.

Progress Summary: For the 2022 inaugural year, DEF has identified targets and created a 2022 work plan. Engineering is planned to start in July 2021.

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: B.M. Lloyd
Exh. No. __ (CAM-1)
Form 8E (Page 4 of 9)
Page 43 of 49

Project Description and Progress Report

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 expects to spend \$759,829 on engineering for the 2022 SOG - Capacity and Connectivity Program in 2021.

Progress Summary: For the 2022 inaugural year, DEF has identified targets and created a 2022 work plan. Engineering is planned to start in July 2021.

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: B.M. Lloyd
Exh. No. __ (CAM-1)
Form 8E (Page 5 of 9)
Page 44 of 49

Project Description and Progress Report

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 expects to spend \$2,790,332 on engineering for the 2022 SOG - Automation in 2021.

Progress Summary: For the 2022 inaugural year, DEF has identified targets and created a 2022 work plan. Engineering is planned to start in July 2021.

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: S.K. Bauer
Exh. No. __ (CAM-1)
Form 8E (Page 6 of 9)
Page 45 of 49

Project Description and Progress Report

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: April 10, 2020 to December 31, 2020 Capital expenditures were \$2,179,207.
January, 2021 to December 31, 2021 Capital expenditures are expected to be \$70,451,040

Progress Summary: Some engineering and material procurement work began in 2020 to facilitate construction in 2021 on in the Structure Hardening Program - Transmission: Wood to Non-Wood Pole Replacement.

January 1, 2021 to December 31, 2021 46 Projects were identified to replace 1,345 and an additional 150 Poles (unassigned projects at the time of the filing) for a total of 1,495 Poles.

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: S.K. Bauer
Exh. No. __ (CAM-1)
Form 8E (Page 7 of 9)
Page 46 of 49

Project Description and Progress Report

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 are expected to be \$1,824,000

Progress Summary: January 1, 2021 to December 31, 2021 3 Projects were identified to replace 8 Towers

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: S.K. Bauer
Exh. No. __ (CAM-1)
Form 8E (Page 8 of 9)
Page 47 of 49

Project Description and Progress Report

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 are expected to be \$110,334

Progress Summary: January 1, 2021 to December 31, 2021 3 Projects were identified to inspect 492 Towers

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: S.K. Bauer
Exh. No. __ (CAM-1)
Form 8E (Page 9 of 9)
Page 48 of 49

Project Description and Progress Report

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, 2021 to December 31, 2021 Capital expenditures are expected to be \$1,024,000

Progress Summary: January 1, 2021 to December 31, 2021 2 Projects were identified to install CP on 128 Towers

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

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. __ (CAM-1)
Form 9E
Page 49 of 49

	(1)	(2)	(3)	(4)	(5)	(6)
	Jurisdictional Rate Base Adjusted Retail (\$000s)	Cap Ratio	Cost Rate	Weighted Cost	Revenue Requirement Rate	Monthly Revenue Requirement Rate
1 Common Equity	\$ 6,641,460	43.82%	10.50%	4.60%	6.10%	0.51%
2 Long Term Debt	5,949,953	39.26%	4.37%	1.72%	1.72%	0.14%
3 Short Term Debt	(71,620)	-0.47%	1.80%	-0.01%	-0.01%	0.00%
4 Cust Dep Active	189,295	1.25%	2.37%	0.03%	0.03%	0.00%
5 Cust Dep Inactive	1,593	0.01%			0.00%	0.00%
6 Invest Tax Cr	180,082	1.19%	7.60%	0.09%	0.112%	0.01%
7 Deferred Inc Tax	2,265,754	14.95%			0.00%	0.00%
8 Total	\$ 15,156,516	100.00%		6.43%	7.94%	0.6600%

	ITC split between Debt and Equity**:	Ratio	Cost Rate	Ratio	Ratio	ITC	Weighted ITC	After Gross-up
9	Common Equity	6,641,460	53%	10.5%	5.54%	72.8%	0.09%	0.07%
10	Preferred Equity	-	0%				0.09%	0.00%
11	Long Term Debt	5,949,953	47%	4.37%	2.07%	27.2%	0.09%	0.02%
12		12,591,413	100%		7.60%		0.09%	0.112%

	<u>Breakdown of Revenue Requirement Rate of Return between Debt and Equity</u>	
13	Total Equity Component (Lines 1 and 9)	6.18%
14	Total Debt Component (Lines 2, 3 , 4 , and 11)	1.76%
15	Total Revenue Requirement Rate of Return	7.94%

Notes:

Effective Tax Rate: 24.522%

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
- (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

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. __ (CAM-2)
Form 1P
Page 1 of 84

Summary of Projected Period Recovery Amount
(in Dollars)

<u>Line</u>	<u>Energy (\$)</u>	<u>Demand (\$)</u>	<u>Total (\$)</u>
1. Total Jurisdictional Revenue Requirements for the Projected Period			
a. Overhead Distribution Hardening Programs (Form 2P, Line 12b + Form 3P, Line 1b)	\$ -	\$ 36,411,082	\$ 36,411,082
b. Overhead Transmission Hardening Programs (Form 2P, Line 13b + Form 3P, Line 2b)	-	11,197,441	11,197,441
c. Vegetation Management Distribution Programs (Form 2P, Line 14b + Form 3P, Line 3.1)	-	44,327,530	44,327,530
d. Vegetation Management Transmission Programs (Form 2P, Line 15b + Form 3P, Line 3.2)	-	8,692,446	8,692,446
e. Underground Distribution Hardening Programs (Form 2P, Line 16b + Form 3P, Line 4.b)	-	4,642,002	4,642,002
f. Legal, Accounting, and Administrative (Form 2P, Line 17b)	-	-	-
g. Total Projected Period Rev. Req.	\$ -	\$ 105,270,501	\$ 105,270,501
2. Estimated True up of (Over)/Under Recovery for the Current Period (SPPCRC Form 1E, Line 4)	\$ -	\$ (811,712)	\$ (811,712)
3. Final True Up of Over/(Under) Recovery for the Prior Period (N/A)	\$ -	\$ -	\$ -
4. Jurisdictional Amount to be Recovered/(Refunded) (Line 1g + Line 2 + Line 3)	\$ -	\$ 104,458,788	\$ 104,458,788

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 2P
Page 1 of 22
Page 2 of 84

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

Line	O&M Activities	T/D	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Overhead: Distribution														
1.1	Feeder Hardening - Distribution	D	\$ 241,233	\$ 321,644	\$ 402,055	\$ 402,055	\$ 321,644	\$ 281,438	\$ 241,233	\$ 241,233	\$ 241,233	\$ 361,849	\$ 321,644	\$ 241,233	\$ 3,618,492
1.2	FH - Wood Pole Replacement & Inspection	D	78,149	125,039	109,409	219,018	294,161	269,114	290,955	275,326	244,066	225,430	200,382	150,306	\$ 2,481,356
1.3	Lateral Hardening - O/H	D	129,183	172,245	215,306	215,306	172,245	150,714	129,183	129,183	129,183	193,775	172,245	129,182	\$ 1,937,751
1.4	LH - Wood Pole Replacement & Inspection	D	219,888	351,820	307,843	616,605	828,249	757,701	819,085	775,108	687,153	634,931	564,384	423,344	\$ 6,986,109
1.5	Self-Optimizing Grid - SOG	D	131,938	175,918	219,897	219,897	175,918	153,928	131,938	131,938	197,908	175,918	131,939	131,939	\$ 1,979,078
1.a	Adjustments	D													0
1.b	Subtotal of Overhead O&M Programs - Distribution		800,392	1,146,666	1,254,510	1,672,881	1,792,216	1,612,895	1,612,396	1,552,788	1,433,573	1,613,893	1,434,572	1,076,005	17,002,786
2	Overhead: Transmission														
2.1	Structure Hardening - Trans - Pole Replacements & Inspections	T	\$ 266,945	\$ 266,945	\$ 266,945	\$ 266,945	\$ 266,945	\$ 266,945	\$ 266,945	\$ 266,945	\$ 266,945	\$ 266,945	\$ 266,945	\$ 266,945	\$ 3,203,340
2.2	Structure Hardening - Trans - Tower Upgrades	T	2,817	2,817	2,817	2,817	2,817	2,817	2,817	2,817	2,817	2,817	2,817	2,817	33,800
2.3	Structure Hardening - Trans - Cathodic Protection	T	17,021	17,021	17,021	17,021	17,021	17,021	17,021	17,021	17,021	17,021	17,021	17,019	204,250
2.4	Structure Hardening - Trans - Drone Inspections	T	634	634	634	634	634	36,331	36,331	36,330	634	634	634	634	114,698
2.5	Structure Hardening - Trans - GOAB	T	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,124	13,543
2.6	Structure Hardening - Overhead Ground Wire	T	8,017	8,017	8,017	8,017	8,017	8,017	8,017	8,017	8,017	8,017	8,017	8,013	96,200
2.7	Substation Hardening	T	0	0	0	0	0	0	0	0	0	0	0	0	0
2.a	Adjustments	T	0	0	0	0	0	0	0	0	0	0	0	0	0
2.b	Subtotal of Overhead O&M Programs - Transmission		\$ 296,563	\$ 296,563	\$ 296,563	\$ 296,563	\$ 296,563	\$ 332,260	\$ 332,260	\$ 332,259	\$ 296,563	\$ 296,563	\$ 296,563	\$ 296,552	\$ 3,665,831
3	Veg. Management O&M Programs														
3.1	Vegetation Management - Distribution	D	\$ 3,476,523	\$ 3,476,523	\$ 4,301,977	\$ 3,479,780	\$ 3,479,780	\$ 4,301,977	\$ 3,479,780	\$ 4,301,977	\$ 3,479,780	\$ 3,479,780	\$ 4,301,977	\$ 2,657,583	\$ 44,217,437
3.2	Vegetation Management - Transmission	T	722,178	722,178	972,178	1,293,656	1,293,656	1,293,656	1,043,656	1,293,656	722,178	722,178	722,178	722,178	11,523,526
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		\$ 4,198,701	\$ 4,198,701	\$ 5,274,155	\$ 4,773,436	\$ 4,773,436	\$ 5,595,633	\$ 4,523,436	\$ 5,595,633	\$ 4,201,958	\$ 4,201,958	\$ 5,024,155	\$ 3,379,761	\$ 55,740,963
4	Underground: Distribution														
4.1	UG - Flood Mitigation	D	\$ -	\$ -	\$ -	\$ 1,236	\$ 1,978	\$ 1,731	\$ 1,483	\$ 1,483	\$ 1,483	\$ 2,225	\$ 1,978	\$ 1,483	\$ 15,081
4.2	UG - Lateral Hardening	D	71,145	94,860	118,575	118,575	94,860	83,002	71,145	71,145	71,145	106,717	94,860	71,146	1,067,172
4.a	Adjustments	D	0	0	0	0	0	0	0	0	0	0	0	0	0
4.b	Subtotal of Underground Capital Programs		\$ 71,145	\$ 94,860	\$ 118,575	\$ 118,575	\$ 94,860	\$ 83,002	\$ 71,145	\$ 71,145	\$ 71,145	\$ 106,717	\$ 94,860	\$ 71,146	\$ 1,067,172
5	Legal, Accounting, and Administrative O&M	A&G	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Total of O&M Programs		\$ 5,366,800	\$ 5,736,789	\$ 6,943,802	\$ 6,861,454	\$ 6,957,075	\$ 7,623,790	\$ 6,539,236	\$ 7,551,825	\$ 6,003,239	\$ 6,219,131	\$ 6,850,149	\$ 4,823,463	\$ 77,476,752
7	Allocation of O&M Costs														
a.	Distribution O&M Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Distribution O&M Allocated to Demand		4,348,060	4,718,048	5,675,061	5,271,235	5,366,856	5,997,874	5,163,320	5,925,910	4,984,498	5,200,390	5,831,408	3,804,734	62,287,395
c.	Transmission O&M Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Transmission O&M Allocated to Demand		1,018,741	1,018,741	1,268,741	1,590,219	1,590,219	1,625,916	1,375,916	1,625,915	1,018,741	1,018,741	1,018,741	1,018,730	15,189,357
e.	Legal, Accounting, and Administrative O&M Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Retail Jurisdictional Factors														
a.	Distribution Energy Jurisdictional Factor	D	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782
b.	Distribution Demand Jurisdictional Factor	D	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
c.	Transmission Energy Jurisdictional Factor	T	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782	0.9714782
d.	Transmission Demand Jurisdictional Factor	T	0.7199434	0.7199434	0.7199434	0.7199434	0.7199434	0.7199434	0.7199434	0.7199434	0.7199434	0.7199434	0.7199434	0.7199434	0.7199434
e.	Administrative & General Jurisdictional Factor	A&G	0.9541460	0.9541460	0.9541460	0.9541460	0.9541460	0.9541460	0.9541460	0.9541460	0.9541460	0.9541460	0.9541460	0.9541460	0.9541460
9	Jurisdictional Energy Revenue Requirements		-	-	-	-	-	-	-	-	-	-	-	-	-
10	Jurisdictional Demand Revenue Requirements		5,081,495	5,451,484	6,588,483	6,416,103	6,511,723	7,168,441	6,153,902	7,096,476	5,717,934	5,933,826	6,564,844	4,538,161	73,222,873
11	Total Jurisdictional O&M Revenue Requirement:		5,081,495	5,451,484	6,588,483	6,416,103	6,511,723	7,168,441	6,153,902	7,096,476	5,717,934	5,933,826	6,564,844	4,538,161	73,222,873
O&M Revenue Requirements by Category of Activity															
12	Overhead: Distribution Hardening O&M Programs (System)		\$ 800,392	\$ 1,146,666	\$ 1,254,510	\$ 1,672,881	\$ 1,792,216	\$ 1,612,895	\$ 1,612,396	\$ 1,552,788	\$ 1,433,573	\$ 1,613,893	\$ 1,434,572	\$ 1,076,005	\$ 17,002,786
a.	Allocated to Energy (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Allocated to Demand (Retail)		\$ 800,392	\$ 1,146,666	\$ 1,254,510	\$ 1,672,881	\$ 1,792,216	\$ 1,612,895	\$ 1,612,396	\$ 1,552,788	\$ 1,433,573	\$ 1,613,893	\$ 1,434,572	\$ 1,076,005	\$ 17,002,786
13	Overhead: Transmission O&M Programs (System)		\$ 296,563	\$ 296,563	\$ 296,563	\$ 296,563	\$ 296,563	\$ 332,260	\$ 332,260	\$ 332,259	\$ 296,563	\$ 296,563	\$ 296,563	\$ 296,552	\$ 3,665,831
a.	Allocated to Energy (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Allocated to Demand (Retail)		\$ 213,508	\$ 213,508	\$ 213,508	\$ 213,508	\$ 213,508	\$ 239,208	\$ 239,208	\$ 239,207	\$ 213,508	\$ 213,508	\$ 213,508	\$ 213,500	\$ 2,639,191
14	Veg. Management Distribution O&M Programs (System)		\$ 3,476,523	\$ 3,476,523	\$ 4,301,977	\$ 3,479,780	\$ 3,479,780	\$ 4,301,977	\$ 3,479,780	\$ 4,301,977	\$ 3,479,780	\$ 3,479,780	\$ 4,301,977	\$ 2,657,583	\$ 44,217,437
a.	Allocated to Energy (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Allocated to Demand (Retail)		\$ 3,476,523	\$ 3,476,523	\$ 4,301,977	\$ 3,479,780	\$ 3,479,780	\$ 4,301,977	\$ 3,479,780	\$ 4,301,977	\$ 3,479,780	\$ 3,479,780	\$ 4,301,977	\$ 2,657,583	\$ 44,217,437
15	Veg. Management Transmission O&M Programs (System)		\$ 722,178	\$ 722,178	\$ 972,178	\$ 1,293,656	\$ 1,293,656	\$ 1,293,656	\$ 1,043,656	\$ 1,293,656	\$ 722,178	\$ 722,178	\$ 722,178	\$ 722,178	\$ 11,523,526
a.	Allocated to Energy (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Allocated to Demand (Retail)		\$ 519,927	\$ 519,927	\$ 699,913	\$ 931,359	\$ 931,359	\$ 931,359	\$ 751,373	\$ 931,359	\$ 519,927	\$ 519,927	\$ 519,927	\$ 519,927	\$ 8,296,287
16	Underground: Distribution Hardening O&M Programs (System)		\$ 71,145	\$ 94,860	\$ 118,575	\$ 118,575	\$ 94,860	\$ 83,002	\$ 71,145	\$ 71,145	\$ 71,145	\$ 106,717	\$ 94,860	\$ 71,146	\$ 1,067,172
a.	Allocated to Energy (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Allocated to Demand (Retail)		\$ 71,145	\$ 94,860	\$ 118,575	\$ 118,575	\$ 94,860	\$ 83,002	\$ 71,145	\$ 71,145	\$ 71,145	\$ 106,717	\$ 94,860	\$ 71,146	\$ 1,067,172
17	Legal, Accounting, and Administrative O&M (System)		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
a.	Allocated to Energy (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Allocated to Demand (Retail)		0	0	0	0	0	0	0	0	0	0	0	0	0

20220050-DEF-005031

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 2 of 22
Page 3 of 84

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	Deland East	W1103	FL Deland Ops	261,755	OH
1.1.2	Deland East	W1105	FL Deland Ops	117,968	OH
1.1.3	Deland East	W1109	FL Deland Ops	136,637	OH
1.1.4	Deland	W0805	FL Deland Ops	149,347	OH
1.1.5	Deland	W0807	FL Deland Ops	183,506	OH
1.1.6	Deland	W0809	FL Deland Ops	160,469	OH
1.1.7	Hemple	K2246	FL Winter Garden Ops	156,894	OH
1.1.8	Hemple	K2250	FL Winter Garden Ops	97,711	OH
1.1.9	Hemple	K2252	FL Winter Garden Ops	131,870	OH
1.1.10	Hemple	K2253	FL Winter Garden Ops	152,128	OH
1.1.11	Pinecastle	W0391	FL SE Orlando Ops	269,699	OH
1.1.12	Port Richey West	C202	FL Seven Springs Ops	167,221	OH
1.1.13	Port Richey West	C205	FL Seven Springs Ops	147,361	OH
1.1.14	Port Richey West	C207	FL Seven Springs Ops	141,403	OH
1.1.15	Port Richey West	C208	FL Seven Springs Ops	166,824	OH
1.1.16	Port Richey West	C210	FL Seven Springs Ops	197,011	OH
1.1.17	Port St Joe Ind	N202	FL Monticello Ops	129,487	OH
1.1.18	St George Island	N233	FL Monticello Ops	179,534	OH
1.1.19	Fifty First Street	X101	FL St Pete Ops	116,380	OH
1.1.20	Fifty First Street	X102	FL St Pete Ops	171,590	OH
1.1.21	Fifty First Street	X108	FL St Pete Ops	136,240	OH
1.1.22	Pasadena	X213	FL St Pete Ops	70,304	OH
1.1.23	Pasadena	X219	FL St Pete Ops	115,585	OH
1.1.24	Pasadena	X220	FL St Pete Ops	61,566	OH
	TOTAL			3,618,492	
1.2	Feeder Hardening Pole Replacements				
1.2.1	Cross City	A115	FL Monticello Ops	13,388	OH
1.2.2	Cross City	A118	FL Monticello Ops	13,388	OH
1.2.3	Cross City	A119	FL Monticello Ops	6,694	OH
1.2.4	High Springs	A15	FL Monticello Ops	23,429	OH
1.2.5	High Springs	A16	FL Monticello Ops	10,041	OH
1.2.6	Cross City	A46	FL Monticello Ops	16,735	OH
1.2.7	Dinner Lake	K1684	FL Highlands Ops	4,184	OH
1.2.8	Dinner Lake	K1685	FL Highlands Ops	18,409	OH
1.2.9	Dinner Lake	K1687	FL Highlands Ops	5,021	OH
1.2.10	Dinner Lake	K1688	FL Highlands Ops	10,878	OH
1.2.11	Dinner Lake	K1689	FL Highlands Ops	12,551	OH
1.2.12	Dinner Lake	K1690	FL Highlands Ops	17,572	OH
1.2.13	Dinner Lake	K1691	FL Highlands Ops	17,572	OH
1.2.14	Okahumpka	K284	FL Clermont Ops	16,735	OH
1.2.15	Okahumpka	K285	FL Clermont Ops	12,551	OH
1.2.16	Okahumpka	K286	FL Clermont Ops	2,510	OH
1.2.17	Cypresswood	K317	FL Lake Wales Ops	1,674	OH
1.2.18	Desoto City	K3220	FL Highlands Ops	29,286	OH
1.2.19	Desoto City	K3221	FL Highlands Ops	16,735	OH
1.2.20	Desoto City	K3222	FL Highlands Ops	16,735	OH
1.2.21	Montverde	K4831	FL Clermont Ops/Winter Garden Ops	12,551	OH
1.2.22	Montverde	K4833	FL Clermont Ops	4,184	OH
1.2.23	Montverde	K4834	FL Clermont Ops	5,857	OH
1.2.24	Montverde	K4836	FL Clermont Ops	6,694	OH
	SUBTOTAL			295,374	

20220050-DEF-005032

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 3 of 22
Page 4 of 84

Line	O&M Activities	O&M Expenditures	OH or UG
1.	Distribution		
1.2	Feeder Hardening Pole Replacements (continued)		
	Substation	Feeder	Operations Center
			OH / UG
1.2.25	Montverde	K4837	FL Clermont Ops
1.2.26	Montverde	K4840	FL Clermont Ops
1.2.27	Montverde	K4841	FL Clermont Ops
1.2.28	Montverde	K4845	FL Clermont Ops
1.2.29	Cypresswood	K561	FL Lake Wales Ops
1.2.30	Cypresswood	K562	FL Lake Wales Ops
1.2.31	Cypresswood	K563	FL Lake Wales Ops
1.2.32	Howey	K564	FL Clermont Ops
1.2.33	Howey	K565	FL Clermont Ops
1.2.34	Clermont	K601	FL Clermont Ops
1.2.35	Clermont	K602	FL Clermont Ops
1.2.36	Clermont	K603	FL Clermont Ops
1.2.37	Clermont	K605	FL Clermont Ops
1.2.38	Clermont	K606	FL Clermont Ops
1.2.39	Clermont	K607	FL Clermont Ops
1.2.40	Groveland	K673	FL Clermont Ops
1.2.41	Groveland	K674	FL Clermont Ops
1.2.42	Groveland	K675	FL Clermont Ops
1.2.43	Minneola	K946	FL Clermont Ops
1.2.44	Minneola	K948	FL Clermont Ops
1.2.45	Minneola	K949	FL Clermont Ops
1.2.46	Wekiva	M101	FL Apopka Ops
1.2.47	Wekiva	M103	FL Apopka Ops
1.2.48	Wekiva	M104	FL Apopka Ops
1.2.49	Wekiva	M106	FL Apopka Ops
1.2.50	Wekiva	M107	FL Apopka Ops
1.2.51	Wekiva	M109	FL Apopka Ops
1.2.52	Wekiva	M110	FL Apopka Ops
1.2.53	Wekiva	M112	FL Apopka Ops / FL Longwood Ops
1.2.54	Wekiva	M113	FL Apopka Ops
1.2.55	Wekiva	M115	FL Apopka Ops
1.2.56	Douglas Avenue	M1704	FL Apopka Ops
1.2.57	Douglas Avenue	M1706	FL Apopka Ops / FL Longwood Ops
1.2.58	Douglas Avenue	M1707	FL Apopka Ops / FL Longwood Ops
1.2.59	Douglas Avenue	M1709	FL Apopka Ops / FL Longwood Ops
1.2.60	Douglas Avenue	M1712	FL Apopka Ops / FL Longwood Ops
1.2.61	Zellwood	M31	FL Apopka Ops
1.2.62	Zellwood	M32	FL Apopka Ops
1.2.63	Zellwood	M33	FL Apopka Ops
1.2.64	Zellwood	M34	FL Apopka Ops
1.2.65	Lockhart	M408	FL Apopka Ops / FL Winter Garden C
1.2.66	Lockhart	M414	FL Apopka Ops / FL Winter Garden C
1.2.67	Piedmont	M471	FL Apopka Ops
1.2.68	Piedmont	M472	FL Apopka Ops / FL Longwood Ops
1.2.69	Piedmont	M473	FL Apopka Ops
1.2.70	Piedmont	M474	FL Apopka Ops
1.2.71	Piedmont	M475	FL Apopka Ops
1.2.72	Piedmont	M476	FL Apopka Ops
1.2.73	Piedmont	M477	FL Apopka Ops
1.2.74	Piedmont	M478	FL Apopka Ops
	SUBTOTAL		501,224

20220050-DEF-005033

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 4 of 22
Page 5 of 84

Line	O&M Activities	O&M Expenditures	OH or UG
1.	Distribution		
1.2	Feeder Hardening Pole Replacements (continued)		
	Substation	Feeder	Operations Center
			OH / UG
1.2.75	Welch Road	M542	FL Apopka Ops
1.2.76	Welch Road	M543	FL Apopka Ops
1.2.77	Welch Road	M545	FL Apopka Ops
1.2.78	Welch Road	M548	FL Apopka Ops
1.2.79	Welch Road	M550	FL Apopka Ops
1.2.80	Welch Road	M552	FL Apopka Ops
1.2.81	Welch Road	M554	FL Apopka Ops
1.2.82	Wolf Lake	M563	FL Apopka Ops
1.2.83	Wolf Lake	M564	FL Apopka Ops
1.2.84	Plymouth South	M702	FL Apopka Ops
1.2.85	Plymouth South	M704	FL Apopka Ops
1.2.86	Plymouth South	M706	FL Apopka Ops
1.2.87	Plymouth South	M707	FL Apopka Ops
1.2.88	Apopka South	M720	FL Apopka Ops
1.2.89	Apopka South	M721	FL Apopka Ops
1.2.90	Apopka South	M722	FL Apopka Ops
1.2.91	Apopka South	M723	FL Apopka Ops
1.2.92	Apopka South	M724	FL Apopka Ops
1.2.93	Apopka South	M725	FL Apopka Ops
1.2.94	Apopka South	M726	FL Apopka Ops
1.2.95	Apopka South	M727	FL Apopka Ops
1.2.96	Madison	N1	FL Monticello Ops
1.2.97	Madison	N2	FL Monticello Ops
1.2.98	Port St Joe	N201	FL Monticello Ops
1.2.99	Port St Joe	N203	FL Monticello Ops
1.2.100	East Point	N230	FL Monticello Ops
1.2.101	East Point	N231	FL Monticello Ops
1.2.102	Madison	N3	FL Monticello Ops
1.2.103	Suwannee	N323	FL Monticello Ops
1.2.104	Suwannee	N324	FL Monticello Ops
1.2.105	Suwannee	N325	FL Monticello Ops
1.2.106	Madison	N4	FL Monticello Ops
1.2.107	Beacon Hill	N515	FL Monticello Ops
1.2.108	Beacon Hill	N516	FL Monticello Ops
1.2.109	Port St Joe	N52	FL Monticello Ops
1.2.110	Beacon Hill	N527	FL Monticello Ops
1.2.111	Port St Joe	N53	FL Monticello Ops
1.2.112	Port St Joe	N54	FL Monticello Ops
1.2.113	Indian Pass	N556	FL Monticello Ops
1.2.114	Crossroads	X132	FL St Pete Ops / FL Walsingham Ops
1.2.115	Crossroads	X133	FL St Pete Ops / FL Walsingham Ops
1.2.116	Crossroads	X134	FL St Pete Ops
1.2.117	Crossroads	X135	FL St Pete Ops
1.2.118	Crossroads	X136	FL St Pete Ops
1.2.119	Crossroads	X138	FL St Pete Ops
1.2.120	Bayboro	X16	FL St Pete Ops
1.2.121	Bayboro	X19	FL St Pete Ops
1.2.122	Bayboro	X21	FL St Pete Ops
1.2.123	Pilsbury	X252	FL St Pete Ops
1.2.124	Pilsbury	X253	FL St Pete Ops
	SUBTOTAL		507,917

20220050-DEF-005034

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 5 of 22
Page 6 of 84

Line	O&M Activities			O&M Expenditures	OH or UG
1.	Distribution				
1.2	Feeder Hardening Pole Replacements (continued)				
	Substation	Feeder	Operations Center		OH / UG
1.2.125	Pilsbury	X254	FL St Pete Ops	7,531	OH
1.2.126	Pilsbury	X255	FL St Pete Ops	7,531	OH
1.2.127	Pilsbury	X256	FL St Pete Ops	2,510	OH
1.2.128	Pilsbury	X257	FL St Pete Ops	15,062	OH
1.2.129	Pilsbury	X258	FL St Pete Ops	7,531	OH
1.2.130	Pilsbury	X259	FL St Pete Ops	8,368	OH
1.2.131	Central Plaza	X262	FL St Pete Ops	14,225	OH
1.2.132	Central Plaza	X264	FL St Pete Ops	9,204	OH
1.2.133	Central Plaza	X265	FL St Pete Ops	5,857	OH
1.2.134	Central Plaza	X267	FL St Pete Ops	11,715	OH
1.2.135	Central Plaza	X268	FL St Pete Ops	10,041	OH
1.2.136	Northeast	X282	FL St Pete Ops / FL Walsingham Ops	2,510	OH
1.2.137	Northeast	X283	FL St Pete Ops	6,694	OH
1.2.138	Northeast	X284	FL St Pete Ops	14,225	OH
1.2.139	Northeast	X285	FL St Pete Ops	5,021	OH
1.2.140	Northeast	X286	FL St Pete Ops	17,572	OH
1.2.141	Northeast	X287	FL St Pete Ops	11,715	OH
1.2.142	Northeast	X288	FL St Pete Ops	6,694	OH
1.2.143	Northeast	X289	FL St Pete Ops	5,021	OH
1.2.144	Northeast	X290	FL St Pete Ops	11,715	OH
1.2.145	Northeast	X291	FL St Pete Ops / FL Walsingham Ops	3,347	OH
1.2.146	Fortieth Street	X81	FL St Pete Ops	5,857	OH
1.2.147	Fortieth Street	X82	FL St Pete Ops	7,531	OH
1.2.148	Fortieth Street	X83	FL St Pete Ops / FL Walsingham Ops	7,531	OH
1.2.149	Fortieth Street	X84	FL St Pete Ops	6,694	OH
1.2.150	Fortieth Street	X85	FL St Pete Ops	11,715	OH
	SUBTOTAL			223,417	
1.3	Feeder Hardening Inspections				
1.3.1	Cross City	A115	FL Monticello Ops	8,165	OH
1.3.2	Cross City	A118	FL Monticello Ops	8,201	OH
1.3.3	Cross City	A119	FL Monticello Ops	4,260	OH
1.3.4	High Springs	A15	FL Monticello Ops	14,662	OH
1.3.5	High Springs	A16	FL Monticello Ops	6,497	OH
1.3.6	Southern Oaks	A420	FL Clermont Ops	36	OH
1.3.7	Cross City	A46	FL Monticello Ops	10,295	OH
1.3.8	Dinner Lake	K1684	FL Highlands Ops	2,414	OH
1.3.9	Dinner Lake	K1685	FL Highlands Ops	11,325	OH
1.3.10	Dinner Lake	K1687	FL Highlands Ops	3,018	OH
1.3.11	Dinner Lake	K1688	FL Highlands Ops	6,674	OH
1.3.12	Dinner Lake	K1689	FL Highlands Ops	7,881	OH
1.3.13	Dinner Lake	K1690	FL Highlands Ops	10,757	OH
1.3.14	Dinner Lake	K1691	FL Highlands Ops	10,899	OH
1.3.15	Okahumpka	K284	FL Clermont Ops	10,650	OH
1.3.16	Okahumpka	K285	FL Clermont Ops	8,059	OH
1.3.17	Okahumpka	K286	FL Clermont Ops	1,598	OH
1.3.18	Cypresswood	K317	FL Lake Wales Ops	994	OH
1.3.19	Desoto City	K3220	FL Highlands Ops	18,212	OH
1.3.20	Desoto City	K3221	FL Highlands Ops	10,473	OH
1.3.21	Desoto City	K3222	FL Highlands Ops	10,579	OH
1.3.22	Montverde	K4831	FL Clermont Ops / FL Winter Garden Ops	7,775	OH
	SUBTOTAL			173,418	

20220050-DEF-005035

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 6 of 22
Page 7 of 84

Line	O&M Activities	O&M Expenditures	OH or UG
1.	Distribution		
1.3	Feeder Hardening Inspections (continued)		
	Substation	Feeder	Operations Center
			OH / UG
1.3.23	Montverde	K4833	FL Clermont Ops
1.3.24	Montverde	K4834	FL Clermont Ops
1.3.25	Montverde	K4836	FL Clermont Ops
1.3.26	Montverde	K4837	FL Clermont Ops
1.3.27	Montverde	K4840	FL Clermont Ops
1.3.28	Montverde	K4841	FL Clermont Ops
1.3.29	Montverde	K4845	FL Clermont Ops
1.3.30	Cypresswood	K561	FL Lake Wales Ops
1.3.31	Cypresswood	K562	FL Lake Wales Ops
1.3.32	Cypresswood	K563	FL Lake Wales Ops
1.3.33	Howey	K564	FL Clermont Ops
1.3.34	Howey	K565	FL Clermont Ops
1.3.35	Clermont	K601	FL Clermont Ops
1.3.36	Clermont	K602	FL Clermont Ops
1.3.37	Clermont	K603	FL Clermont Ops
1.3.38	Clermont	K605	FL Clermont Ops
1.3.39	Clermont	K606	FL Clermont Ops
1.3.40	Clermont	K607	FL Clermont Ops
1.3.41	Groveland	K673	FL Clermont Ops
1.3.42	Groveland	K674	FL Clermont Ops
1.3.43	Groveland	K675	FL Clermont Ops
1.3.44	Minneola	K945	FL Clermont Ops
1.3.45	Minneola	K946	FL Clermont Ops
1.3.46	Minneola	K948	FL Clermont Ops
1.3.47	Minneola	K949	FL Clermont Ops
1.3.48	Wekiva	M101	FL Apopka Ops
1.3.49	Wekiva	M103	FL Apopka Ops
1.3.50	Wekiva	M104	FL Apopka Ops
1.3.51	Wekiva	M106	FL Apopka Ops
1.3.52	Wekiva	M107	FL Apopka Ops
1.3.53	Wekiva	M109	FL Apopka Ops
1.3.54	Wekiva	M110	FL Apopka Ops
1.3.55	Wekiva	M112	FL Apopka Ops / FL Longwood Ops
1.3.56	Wekiva	M113	FL Apopka Ops
1.3.57	Wekiva	M115	FL Apopka Ops
1.3.58	Douglas Avenue	M1704	FL Apopka Ops
1.3.59	Douglas Avenue	M1706	FL Apopka Ops / FL Longwood Ops
1.3.60	Douglas Avenue	M1707	FL Apopka Ops / FL Longwood Ops
1.3.61	Douglas Avenue	M1709	FL Apopka Ops / FL Longwood Ops
1.3.62	Douglas Avenue	M1712	FL Apopka Ops / FL Longwood Ops
1.3.63	Zellwood	M31	FL Apopka Ops
1.3.64	Zellwood	M32	FL Apopka Ops
1.3.65	Zellwood	M33	FL Apopka Ops
1.3.66	Zellwood	M34	FL Apopka Ops
1.3.67	Lockhart	M408	FL Apopka Ops / FL Winter Garden C
1.3.68	Lockhart	M414	FL Apopka Ops / FL Winter Garden C
1.3.69	Piedmont	M471	FL Apopka Ops
1.3.70	Piedmont	M472	FL Apopka Ops / FL Longwood Ops
1.3.71	Piedmont	M473	FL Apopka Ops
1.3.72	Piedmont	M474	FL Apopka Ops
1.3.73	Piedmont	M475	FL Apopka Ops
	SUBTOTAL		311,939

20220050-DEF-005036

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 7 of 22
Page 8 of 84

Line	O&M Activities	O&M Expenditures	OH or UG
1.	Distribution		
1.3	Feeder Hardening Inspections (continued)		
	Substation	Feeder	Operations Center
			OH / UG
1.3.74	Piedmont	M476	FL Apopka Ops
1.3.75	Piedmont	M477	FL Apopka Ops
1.3.76	Piedmont	M478	FL Apopka Ops
1.3.77	Welch Road	M542	FL Apopka Ops
1.3.78	Welch Road	M543	FL Apopka Ops
1.3.79	Welch Road	M545	FL Apopka Ops
1.3.80	Welch Road	M548	FL Apopka Ops
1.3.81	Welch Road	M550	FL Apopka Ops
1.3.82	Welch Road	M552	FL Apopka Ops
1.3.83	Welch Road	M554	FL Apopka Ops
1.3.84	Wolf Lake	M563	FL Apopka Ops
1.3.85	Wolf Lake	M564	FL Apopka Ops
1.3.86	Plymouth South	M702	FL Apopka Ops
1.3.87	Plymouth South	M704	FL Apopka Ops
1.3.88	Plymouth South	M706	FL Apopka Ops
1.3.89	Plymouth South	M707	FL Apopka Ops
1.3.90	Apopka South	M720	FL Apopka Ops
1.3.91	Apopka South	M721	FL Apopka Ops
1.3.92	Apopka South	M722	FL Apopka Ops
1.3.93	Apopka South	M723	FL Apopka Ops
1.3.94	Apopka South	M724	FL Apopka Ops
1.3.95	Apopka South	M725	FL Apopka Ops
1.3.96	Apopka South	M726	FL Apopka Ops
1.3.97	Apopka South	M727	FL Apopka Ops
1.3.98	Madison	N1	FL Monticello Ops
1.3.99	Madison	N2	FL Monticello Ops
1.3.100	Port St Joe	N201	FL Monticello Ops
1.3.101	Port St Joe	N203	FL Monticello Ops
1.3.102	East Point	N230	FL Monticello Ops
1.3.103	East Point	N231	FL Monticello Ops
1.3.104	Madison	N3	FL Monticello Ops
1.3.105	Suwannee	N323	FL Monticello Ops
1.3.106	Suwannee	N324	FL Monticello Ops
1.3.107	Suwannee	N325	FL Monticello Ops
1.3.108	Madison	N4	FL Monticello Ops
1.3.109	Beacon Hill	N515	FL Monticello Ops
1.3.110	Beacon Hill	N516	FL Monticello Ops
1.3.111	Port St Joe	N52	FL Monticello Ops
1.3.112	Beacon Hill	N520	FL Monticello Ops
1.3.113	Beacon Hill	N527	FL Monticello Ops
1.3.114	Port St Joe	N53	FL Monticello Ops
1.3.115	Port St Joe	N54	FL Monticello Ops
1.3.116	Port St Joe	N55	FL Monticello Ops
1.3.117	Indian Pass	N556	FL Monticello Ops
1.3.118	Bayboro	X10	FL St Pete Ops
1.3.119	Bayboro	X12	FL St Pete Ops
1.3.120	Bayboro	X13	FL St Pete Ops
1.3.121	Crossroads	X132	FL St Pete Ops / FL Walsingham Ops
1.3.122	Crossroads	X133	FL St Pete Ops / FL Walsingham Ops
1.3.123	Crossroads	X134	FL St Pete Ops
1.3.124	Crossroads	X135	FL St Pete Ops
	SUBTOTAL		301,892

20220050-DEF-005037

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 8 of 22
Page 9 of 84

Line	O&M Activities			O&M Expenditures	OH or UG
1. Distribution					
1.3 Feeder Hardening Inspections (continued)					
	Substation	Feeder	Operations Center		OH / UG
1.3.125	Crossroads	X136	FL St Pete Ops	2,272	OH
1.3.126	Crossroads	X137	FL St Pete Ops	71	OH
1.3.127	Crossroads	X138	FL St Pete Ops	3,479	OH
1.3.128	Bayboro	X15	FL St Pete Ops	36	OH
1.3.129	Bayboro	X16	FL St Pete Ops	8,094	OH
1.3.130	Bayboro	X19	FL St Pete Ops	888	OH
1.3.131	Bayboro	X21	FL St Pete Ops	6,532	OH
1.3.132	Pilsbury	X252	FL St Pete Ops	2,982	OH
1.3.133	Pilsbury	X253	FL St Pete Ops	1,527	OH
1.3.134	Pilsbury	X254	FL St Pete Ops	4,473	OH
1.3.135	Pilsbury	X255	FL St Pete Ops	4,864	OH
1.3.136	Pilsbury	X256	FL St Pete Ops	1,456	OH
1.3.137	Pilsbury	X257	FL St Pete Ops	9,372	OH
1.3.138	Pilsbury	X258	FL St Pete Ops	4,793	OH
1.3.139	Pilsbury	X259	FL St Pete Ops	5,077	OH
1.3.140	Central Plaza	X262	FL St Pete Ops	9,053	OH
1.3.141	Central Plaza	X263	FL St Pete Ops	107	OH
1.3.142	Central Plaza	X264	FL St Pete Ops	5,538	OH
1.3.143	Central Plaza	X265	FL St Pete Ops	3,905	OH
1.3.144	Central Plaza	X266	FL St Pete Ops	178	OH
1.3.145	Central Plaza	X267	FL St Pete Ops	7,526	OH
1.3.146	Central Plaza	X268	FL St Pete Ops	6,106	OH
1.3.147	Northeast	X282	FL St Pete Ops / FL Walsingham Ops	1,562	OH
1.3.148	Northeast	X283	FL St Pete Ops	4,154	OH
1.3.149	Northeast	X284	FL St Pete Ops	8,662	OH
1.3.150	Northeast	X285	FL St Pete Ops	2,982	OH
1.3.151	Northeast	X286	FL St Pete Ops	11,183	OH
1.3.152	Northeast	X287	FL St Pete Ops	7,207	OH
1.3.153	Northeast	X288	FL St Pete Ops	4,367	OH
1.3.154	Northeast	X289	FL St Pete Ops	3,337	OH
1.3.155	Northeast	X290	FL St Pete Ops	7,349	OH
1.3.156	Northeast	X291	FL St Pete Ops / FL Walsingham Ops	2,201	OH
1.3.157	Fortieth Street	X81	FL St Pete Ops	3,763	OH
1.3.158	Fortieth Street	X82	FL St Pete Ops	4,580	OH
1.3.159	Fortieth Street	X83	FL St Pete Ops / FL Walsingham Ops	4,651	OH
1.3.160	Fortieth Street	X84	FL St Pete Ops	4,367	OH
1.3.161	Fortieth Street	X85	FL St Pete Ops	7,491	OH
	SUBTOTAL			166,176	
	TOTAL (Replacements & Inspections)			2,481,356	
1.4 Lateral Hardening Underground					
1.4.1	Deland East	W1103	Deland	41,527	UG
1.4.2	Deland East	W1105	Deland	52,968	UG
1.4.3	Deland East	W1109	Deland	5,825	UG
1.4.4	Deland	W0805	Deland	73,741	UG
1.4.5	Deland	W0806	Deland	58,913	UG
1.4.6	Deland	W0807	Deland	103,194	UG
1.4.7	Deland	W0808	Deland	63,687	UG
1.4.8	Deland	W0809	Deland	26,358	UG
1.4.9	Hemple	K2246	Winter Garden	12,847	UG
1.4.10	Hemple	K2250	Winter Garden	24,375	UG
1.4.11	Hemple	K2253	Winter Garden	7,822	UG
				471,257	

20220050-DEF-005038

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 9 of 22
Page 10 of 84

Line	O&M Activities			O&M Expenditures	OH or UG
1. Distribution					
1.4	Lateral Hardening Underground (continued)				
	Substation	Feeder	Operations Center		OH / UG
1.4.12	Pinecastle	W0391	SE Orlando	23,159	UG
1.4.13	Port Richey West	C202	Seven Springs	32,674	UG
1.4.14	Port Richey West	C205	Seven Springs	45,670	UG
1.4.15	Port Richey West	C207	Seven Springs	10,230	UG
1.4.16	Port Richey West	C208	Seven Springs	24,832	UG
1.4.17	Port Richey West	C209	Seven Springs	14,765	UG
1.4.18	Port Richey West	C210	Seven Springs	61,836	UG
1.4.19	St George Island	N234	Monticello	2,178	UG
1.4.20	Fifty First Street	X101	St. Petersburg	89,611	UG
1.4.21	Fifty First Street	X102	St. Petersburg	146,074	UG
1.4.22	Fifty First Street	X108	St. Petersburg	78,407	UG
1.4.23	Pasadena	X211	St. Petersburg	15,923	UG
1.4.24	Pasadena	X213	St. Petersburg	27,642	UG
1.4.25	Pasadena	X219	St. Petersburg	22,914	UG
	SUBTOTAL			595,915	
	TOTAL			1,067,172	
1.5	Lateral Hardening Overhead				
1.5.1	Deland East	W1103	Deland	282,900	OH
1.5.2	Deland East	W1105	Deland	93,696	OH
1.5.3	Deland East	W1109	Deland	70,612	OH
1.5.4	Deland	W0805	Deland	53,864	OH
1.5.5	Deland	W0806	Deland	54,015	OH
1.5.6	Deland	W0807	Deland	16,748	OH
1.5.7	Deland	W0808	Deland	214,551	OH
1.5.8	Deland	W0809	Deland	25,046	OH
1.5.9	Hemple	K2246	Winter Garden	15,993	OH
1.5.10	Hemple	K2250	Winter Garden	26,404	OH
1.5.11	Hemple	K2252	Winter Garden	30,780	OH
1.5.12	Hemple	K2253	Winter Garden	24,895	OH
1.5.13	Pinecastle	W0391	SE Orlando	30,780	OH
1.5.14	Port Richey West	C202	Seven Springs	130,059	OH
1.5.15	Port Richey West	C205	Seven Springs	53,864	OH
1.5.16	Port Richey West	C207	Seven Springs	22,330	OH
1.5.17	Port Richey West	C208	Seven Springs	165,817	OH
1.5.18	Port Richey West	C209	Seven Springs	109,992	OH
1.5.19	Port Richey West	C210	Seven Springs	105,465	OH
1.5.20	St George Island	N233	Monticello	166,572	OH
1.5.21	St George Island	N234	Monticello	55,675	OH
1.5.22	Fifty First Street	X101	St. Petersburg	5,733	OH
1.5.23	Fifty First Street	X102	St. Petersburg	905	OH
1.5.24	Fifty First Street	X108	St. Petersburg	23,386	OH
1.5.25	Pasadena	X211	St. Petersburg	67,745	OH
1.5.26	Pasadena	X213	St. Petersburg	32,439	OH
1.5.27	Pasadena	X219	St. Petersburg	25,800	OH
1.5.28	Pasadena	X220	St. Petersburg	31,685	OH
	TOTAL			1,937,751	

20220050-DEF-005039

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 2P
Page 10 of 22
Page 11 of 84

Line	O&M Activities		O&M Expenditures	OH or UG
1.	Distribution			
1.6	Lateral Hardening Pole Replacements			
	Substation	Feeder	Operations Center	OH / UG
1.6.1	Cross City	A115	FL Monticello Ops	25,103 OH
1.6.2	Cross City	A118	FL Monticello Ops	50,205 OH
1.6.3	Cross City	A119	FL Monticello Ops	7,531 OH
1.6.4	High Springs	A15	FL Monticello Ops	72,798 OH
1.6.5	High Springs	A15	FL Monticello Ops	14,225 OH
1.6.6	High Springs	A16	FL Monticello Ops	59,410 OH
1.6.7	Cross City	A46	FL Monticello Ops	46,858 OH
1.6.8	Dinner Lake	K1684	FL Highlands Ops	22,592 OH
1.6.9	Dinner Lake	K1685	FL Highlands Ops	64,430 OH
1.6.10	Dinner Lake	K1687	FL Highlands Ops	25,939 OH
1.6.11	Dinner Lake	K1688	FL Highlands Ops	23,429 OH
1.6.12	Dinner Lake	K1689	FL Highlands Ops	33,470 OH
1.6.13	Dinner Lake	K1690	FL Highlands Ops	43,511 OH
1.6.14	Dinner Lake	K1691	FL Highlands Ops	31,797 OH
1.6.15	Okahumpka	K284	FL Clermont Ops	32,633 OH
1.6.16	Okahumpka	K285	FL Clermont Ops	22,592 OH
1.6.17	Okahumpka	K286	FL Clermont Ops	837 OH
1.6.18	Cypresswood	K317	FL Lake Wales Ops	4,184 OH
1.6.19	Desoto City	K3220	FL Highlands Ops	66,104 OH
1.6.20	Desoto City	K3221	FL Highlands Ops	25,103 OH
1.6.21	Desoto City	K3222	FL Highlands Ops	35,144 OH
1.6.22	Montverde	K4831	FL Clermont Ops	8,368 OH
1.6.23	Montverde	K4831	FL Winter Garden Ops	21,756 OH
1.6.24	Montverde	K4833	FL Clermont Ops	3,347 OH
1.6.25	Montverde	K4834	FL Clermont Ops	3,347 OH
1.6.26	Montverde	K4836	FL Clermont Ops	1,674 OH
1.6.27	Montverde	K4837	FL Clermont Ops	28,450 OH
1.6.28	Montverde	K4840	FL Clermont Ops	17,572 OH
1.6.29	Montverde	K4841	FL Clermont Ops	16,735 OH
1.6.30	Montverde	K4841	FL Winter Garden Ops	837 OH
1.6.31	Cypresswood	K561	FL Lake Wales Ops	29,286 OH
1.6.32	Cypresswood	K562	FL Lake Wales Ops	50,205 OH
1.6.33	Cypresswood	K563	FL Lake Wales Ops	33,470 OH
1.6.34	Howey	K564	FL Clermont Ops	1,674 OH
1.6.35	Howey	K565	FL Clermont Ops	43,511 OH
1.6.36	Clermont	K601	FL Clermont Ops	16,735 OH
1.6.37	Clermont	K602	FL Clermont Ops	51,879 OH
1.6.38	Clermont	K603	FL Clermont Ops	42,674 OH
1.6.39	Clermont	K605	FL Clermont Ops	6,694 OH
1.6.40	Clermont	K606	FL Clermont Ops	20,082 OH
1.6.41	Clermont	K607	FL Clermont Ops	837 OH
1.6.42	Groveland	K673	FL Clermont Ops	46,858 OH
1.6.43	Groveland	K674	FL Clermont Ops	14,225 OH
1.6.44	Groveland	K675	FL Clermont Ops	28,450 OH
1.6.45	Minneola	K946	FL Clermont Ops	39,327 OH
1.6.46	Minneola	K948	FL Clermont Ops	17,572 OH
1.6.47	Minneola	K949	FL Clermont Ops	35,144 OH
1.6.48	Wekiva	M101	FL Apopka Ops	2,510 OH
1.6.49	Wekiva	M103	FL Apopka Ops	10,878 OH
1.6.50	Wekiva	M104	FL Apopka Ops	10,041 OH
	SUBTOTAL		1,312,033	

20220050-DEF-005040

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 11 of 22
Page 12 of 84

Line	O&M Activities		O&M Expenditures	OH or UG
1.	Distribution			
1.6	Lateral Hardening Pole Replacements			
	Substation	Feeder	Operations Center	OH / UG
1.6.51	Wekiva	M106	FL Apopka Ops	19,245 OH
1.6.52	Wekiva	M107	FL Apopka Ops	1,674 OH
1.6.53	Wekiva	M109	FL Apopka Ops	12,551 OH
1.6.54	Wekiva	M110	FL Apopka Ops	4,184 OH
1.6.55	Wekiva	M110	FL Apopka Ops	12,551 OH
1.6.56	Wekiva	M112	FL Apopka Ops	3,347 OH
1.6.57	Wekiva	M112	FL Apopka Ops / FL Longwood Ops	15,898 OH
1.6.58	Wekiva	M113	FL Apopka Ops	10,878 OH
1.6.59	Wekiva	M115	FL Apopka Ops	3,347 OH
1.6.60	Douglas Avenue	M1704	FL Apopka Ops	9,204 OH
1.6.61	Douglas Avenue	M1706	FL Apopka Ops	5,857 OH
1.6.62	Douglas Avenue	M1707	FL Apopka Ops / FL Longwood Ops	16,735 OH
1.6.63	Douglas Avenue	M1709	FL Apopka Ops	837 OH
1.6.64	Douglas Avenue	M1709	FL Apopka Ops / FL Longwood Ops	6,694 OH
1.6.65	Douglas Avenue	M1712	FL Apopka Ops / FL Longwood Ops	837 OH
1.6.66	Zellwood	M31	FL Apopka Ops	23,429 OH
1.6.67	Zellwood	M32	FL Apopka Ops	20,082 OH
1.6.68	Zellwood	M33	FL Apopka Ops	25,939 OH
1.6.69	Zellwood	M33	FL Apopka Ops	61,083 OH
1.6.70	Zellwood	M34	FL Apopka Ops	2,510 OH
1.6.71	Zellwood	M34	FL Apopka Ops	35,980 OH
1.6.72	Lockhart	M408	FL Apopka Ops	11,715 OH
1.6.73	Lockhart	M408	FL Apopka Ops / FL Longwood Ops	837 OH
1.6.74	Lockhart	M408	FL Winter Garden Ops	18,409 OH
1.6.75	Lockhart	M414	FL Apopka Ops	5,857 OH
1.6.76	Lockhart	M414	FL Winter Garden Ops	7,531 OH
1.6.77	Piedmont	M471	FL Apopka Ops	12,551 OH
1.6.78	Piedmont	M472	FL Apopka Ops	20,919 OH
1.6.79	Piedmont	M472	FL Apopka Ops / FL Longwood Ops	5,857 OH
1.6.80	Piedmont	M473	FL Apopka Ops	30,960 OH
1.6.81	Piedmont	M474	FL Apopka Ops	16,735 OH
1.6.82	Piedmont	M474	FL Apopka Ops	6,694 OH
1.6.83	Piedmont	M475	FL Apopka Ops	23,429 OH
1.6.84	Piedmont	M476	FL Apopka Ops	15,062 OH
1.6.85	Piedmont	M477	FL Apopka Ops	24,266 OH
1.6.86	Piedmont	M478	FL Apopka Ops	9,204 OH
1.6.87	Piedmont	M478	FL Apopka Ops	19,245 OH
1.6.88	Welch Road	M542	FL Apopka Ops	48,532 OH
1.6.89	Welch Road	M543	FL Apopka Ops	12,551 OH
1.6.90	Welch Road	M545	FL Apopka Ops	20,082 OH
1.6.91	Welch Road	M548	FL Apopka Ops	29,286 OH
1.6.92	Welch Road	M550	FL Apopka Ops	6,694 OH
1.6.93	Welch Road	M552	FL Apopka Ops	20,919 OH
1.6.94	Welch Road	M554	FL Apopka Ops	17,572 OH
1.6.95	Wolf Lake	M563	FL Apopka Ops	6,694 OH
1.6.96	Wolf Lake	M564	FL Apopka Ops	15,062 OH
1.6.97	Plymouth South	M702	FL Apopka Ops	25,939 OH
1.6.98	Plymouth South	M704	FL Apopka Ops	11,715 OH
1.6.99	Plymouth South	M706	FL Apopka Ops	5,857 OH
1.6.100	Plymouth South	M707	FL Apopka Ops	20,919 OH
	SUBTOTAL		763,955	

20220050-DEF-005041

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 12 of 22
Page 13 of 84

Line	O&M Activities		O&M Expenditures	OH or UG
1.	Distribution			
1.6	Lateral Hardening Pole Replacements			
	Substation	Feeder	Operations Center	OH / UG
1.6.101	Apopka South	M720	FL Apopka Ops	44,348 OH
1.6.102	Apopka South	M721	FL Apopka Ops	18,409 OH
1.6.103	Apopka South	M722	FL Apopka Ops	17,572 OH
1.6.104	Apopka South	M723	FL Apopka Ops	41,001 OH
1.6.105	Apopka South	M724	FL Apopka Ops	27,613 OH
1.6.106	Apopka South	M725	FL Apopka Ops	11,715 OH
1.6.107	Apopka South	M726	FL Apopka Ops	21,756 OH
1.6.108	Apopka South	M727	FL Apopka Ops	35,980 OH
1.6.109	Madison	N1	FL Apopka Ops / FL Winter Garden Ops	123,840 OH
1.6.110	Madison	N2	FL Apopka Ops / FL Winter Garden Ops	61,083 OH
1.6.111	Port St Joe	N201	FL Apopka Ops / FL Winter Garden Ops	837 OH
1.6.112	Port St Joe	N203	FL Apopka Ops / FL Winter Garden Ops	5,021 OH
1.6.113	East Point	N230	FL Apopka Ops / FL Winter Garden Ops	40,164 OH
1.6.114	East Point	N231	FL Apopka Ops / FL Winter Garden Ops	89,533 OH
1.6.115	Madison	N3	FL Apopka Ops / FL Winter Garden Ops	95,390 OH
1.6.116	Suwannee	N323	FL Apopka Ops / FL Winter Garden Ops	11,715 OH
1.6.117	Suwannee	N323	FL Apopka Ops / FL Winter Garden Ops	3,347 OH
1.6.118	Suwannee	N324	FL Apopka Ops / FL Winter Garden Ops	3,347 OH
1.6.119	Suwannee	N325	FL Apopka Ops / FL Winter Garden Ops	837 OH
1.6.120	Madison	N4	FL Apopka Ops / FL Winter Garden Ops	26,776 OH
1.6.121	Beacon Hill	N515	FL Apopka Ops / FL Winter Garden Ops	14,225 OH
1.6.122	Beacon Hill	N516	FL Apopka Ops / FL Winter Garden Ops	26,776 OH
1.6.123	Port St Joe	N52	FL Apopka Ops / FL Winter Garden Ops	37,654 OH
1.6.124	Beacon Hill	N527	FL Apopka Ops / FL Winter Garden Ops	837 OH
1.6.125	Beacon Hill	N527	FL Apopka Ops / FL Winter Garden Ops	42,674 OH
1.6.126	Port St Joe	N53	FL Apopka Ops / FL Winter Garden Ops	47,695 OH
1.6.127	Port St Joe	N54	FL Apopka Ops / FL Winter Garden Ops	37,654 OH
1.6.128	Port St Joe	N55	FL Apopka Ops / FL Winter Garden Ops	5,021 OH
1.6.129	Indian Pass	N556	FL Apopka Ops / FL Winter Garden Ops	5,021 OH
1.6.130	Indian Pass	N556	FL Apopka Ops / FL Winter Garden Ops	56,899 OH
1.6.131	Crossroads	X132	FL St Pete Ops	1,674 OH
1.6.132	Crossroads	X132	FL St Pete Ops / FL Walsingham Ops	10,041 OH
1.6.133	Crossroads	X133	FL St Pete Ops	11,715 OH
1.6.134	Crossroads	X133	FL St Pete Ops / FL Walsingham Ops	21,756 OH
1.6.135	Crossroads	X134	FL St Pete Ops	14,225 OH
1.6.136	Crossroads	X135	FL St Pete Ops	57,736 OH
1.6.137	Crossroads	X136	FL St Pete Ops	20,082 OH
1.6.138	Crossroads	X138	FL St Pete Ops	13,388 OH
1.6.139	Bayboro	X16	FL St Pete Ops	76,981 OH
1.6.140	Bayboro	X19	FL St Pete Ops	1,674 OH
1.6.141	Bayboro	X21	FL St Pete Ops	82,839 OH
1.6.142	Pilsbury	X252	FL St Pete Ops	35,144 OH
1.6.143	Pilsbury	X253	FL St Pete Ops	6,694 OH
1.6.144	Pilsbury	X254	FL St Pete Ops	45,185 OH
1.6.145	Pilsbury	X255	FL St Pete Ops	50,205 OH
1.6.146	Pilsbury	X256	FL St Pete Ops	5,857 OH
1.6.147	Pilsbury	X257	FL St Pete Ops	53,552 OH
1.6.148	Pilsbury	X258	FL St Pete Ops	37,654 OH
1.6.149	Pilsbury	X259	FL St Pete Ops	45,185 OH
1.6.150	Central Plaza	X262	FL St Pete Ops	86,186 OH
	SUBTOTAL			1,632,513

20220050-DEF-005042

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 13 of 22
Page 14 of 84

Line	O&M Activities		O&M Expenditures	OH or UG
1.	Distribution			
1.6	Lateral Hardening Pole Replacements			
	Substation	Feeder	Operations Center	OH / UG
1.6.151	Central Plaza	X264	FL St Pete Ops	19,245 OH
1.6.152	Central Plaza	X265	FL St Pete Ops	35,980 OH
1.6.153	Central Plaza	X266	FL St Pete Ops	837 OH
1.6.154	Central Plaza	X267	FL St Pete Ops	78,655 OH
1.6.155	Central Plaza	X268	FL St Pete Ops	71,124 OH
1.6.156	Northeast	X282	FL St Pete Ops	837 OH
1.6.157	Northeast	X282	FL St Pete Ops / FL Walsingham Ops	837 OH
1.6.158	Northeast	X283	FL St Pete Ops	6,694 OH
1.6.159	Northeast	X284	FL St Pete Ops	16,735 OH
1.6.160	Northeast	X285	FL St Pete Ops	53,552 OH
1.6.161	Northeast	X286	FL St Pete Ops	40,164 OH
1.6.162	Northeast	X287	FL St Pete Ops	5,021 OH
1.6.163	Northeast	X288	FL St Pete Ops	32,633 OH
1.6.164	Northeast	X289	FL St Pete Ops	4,184 OH
1.6.165	Northeast	X290	FL St Pete Ops	8,368 OH
1.6.166	Northeast	X291	FL St Pete Ops	1,674 OH
1.6.167	Fortieth Street	X81	FL St Pete Ops	24,266 OH
1.6.168	Fortieth Street	X82	FL St Pete Ops	36,817 OH
1.6.169	Fortieth Street	X83	FL St Pete Ops	37,654 OH
1.6.170	Fortieth Street	X83	FL St Pete Ops / FL Walsingham Ops	20,919 OH
1.6.171	Fortieth Street	X84	FL St Pete Ops	67,777 OH
1.6.172	Fortieth Street	X85	FL St Pete Ops	30,960 OH
	SUBTOTAL		594,933	
1.7	Lateral Hardening Inspections			
1.7.1	Cross City	A115	FL Apopka Ops / FL Winter Garden O	15,478 OH
1.7.2	Cross City	A118	FL Apopka Ops / FL Winter Garden O	31,524 OH
1.7.3	Cross City	A119	FL Apopka Ops / FL Winter Garden O	4,793 OH
1.7.4	High Springs	A15	FL Apopka Ops / FL Winter Garden O	45,440 OH
1.7.5	High Springs	A15	FL Apopka Ops / FL Winter Garden O	8,627 OH
1.7.6	High Springs	A16	FL Apopka Ops / FL Winter Garden O	37,062 OH
1.7.7	Cross City	A46	FL Apopka Ops / FL Winter Garden O	29,359 OH
1.7.8	Dinner Lake	K1684	FL Highlands Ops	14,165 OH
1.7.9	Dinner Lake	K1685	FL Highlands Ops	40,009 OH
1.7.10	Dinner Lake	K1687	FL Highlands Ops	16,437 OH
1.7.11	Dinner Lake	K1688	FL Highlands Ops	14,662 OH
1.7.12	Dinner Lake	K1689	FL Highlands Ops	20,981 OH
1.7.13	Dinner Lake	K1690	FL Highlands Ops	27,300 OH
1.7.14	Dinner Lake	K1691	FL Highlands Ops	19,774 OH
1.7.15	Okahumpka	K284	FL Clermont Ops	20,519 OH
1.7.16	Okahumpka	K285	FL Clermont Ops	14,307 OH
1.7.17	Okahumpka	K286	FL Clermont Ops	320 OH
1.7.18	Cypresswood	K317	FL Lake Wales Ops	2,521 OH
1.7.19	Desoto City	K3220	FL Highlands Ops	41,393 OH
1.7.20	Desoto City	K3221	FL Highlands Ops	15,514 OH
1.7.21	Desoto City	K3222	FL Highlands Ops	21,833 OH
1.7.22	Montverde	K4831	FL Clermont Ops	5,077 OH
1.7.23	Montverde	K4831	FL Winter Garden Ops	13,668 OH
1.7.24	Montverde	K4833	FL Clermont Ops	1,846 OH
1.7.25	Montverde	K4834	FL Clermont Ops	2,095 OH
1.7.26	Montverde	K4834	FL Winter Garden Ops	71 OH
	SUBTOTAL		464,775	

20220050-DEF-005043

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 14 of 22
Page 15 of 84

Line	O&M Activities		O&M Expenditures		OH or UG
1. Distribution					
1.7	Lateral Hardening Inspections (continued)				
	Substation	Feeder	Operations Center		OH / UG
1.7.27	Montverde	K4836	FL Clermont Ops	1,136	OH
1.7.28	Montverde	K4837	FL Clermont Ops	17,502	OH
1.7.29	Montverde	K4840	FL Clermont Ops	10,792	OH
1.7.30	Montverde	K4841	FL Clermont Ops	10,650	OH
1.7.31	Montverde	K4841	FL Winter Garden Ops	320	OH
1.7.32	Montverde	K4845	FL Clermont Ops	107	OH
1.7.33	Cypresswood	K561	FL Lake Wales Ops	18,141	OH
1.7.34	Cypresswood	K562	FL Lake Wales Ops	31,063	OH
1.7.35	Cypresswood	K563	FL Lake Wales Ops	20,803	OH
1.7.36	Howey	K564	FL Clermont Ops	1,278	OH
1.7.37	Howey	K565	FL Clermont Ops	27,087	OH
1.7.38	Clermont	K601	FL Clermont Ops	10,260	OH
1.7.39	Clermont	K602	FL Clermont Ops	32,199	OH
1.7.40	Clermont	K603	FL Clermont Ops	26,554	OH
1.7.41	Clermont	K605	FL Clermont Ops	3,976	OH
1.7.42	Clermont	K606	FL Clermont Ops	12,425	OH
1.7.43	Clermont	K607	FL Clermont Ops	355	OH
1.7.44	Groveland	K673	FL Clermont Ops	29,004	OH
1.7.45	Groveland	K674	FL Clermont Ops	8,946	OH
1.7.46	Groveland	K675	FL Clermont Ops	17,679	OH
1.7.47	Minneola	K945	FL Clermont Ops	213	OH
1.7.48	Minneola	K946	FL Clermont Ops	24,566	OH
1.7.49	Minneola	K948	FL Clermont Ops	10,899	OH
1.7.50	Minneola	K949	FL Clermont Ops	22,010	OH
1.7.51	Wekiva	M101	FL Apopka Ops	1,420	OH
1.7.52	Wekiva	M103	FL Apopka Ops	6,923	OH
1.7.53	Wekiva	M104	FL Apopka Ops	6,426	OH
1.7.54	Wekiva	M106	FL Apopka Ops	12,177	OH
1.7.55	Wekiva	M107	FL Apopka Ops	1,278	OH
1.7.56	Wekiva	M109	FL Apopka Ops	7,704	OH
1.7.57	Wekiva	M110	FL Apopka Ops	2,734	OH
1.7.58	Wekiva	M110	FL Apopka Ops	7,881	OH
1.7.59	Wekiva	M112	FL Apopka Ops	1,846	OH
1.7.60	Wekiva	M112	FL Apopka Ops / FL Longwood Ops	9,798	OH
1.7.61	Wekiva	M113	FL Apopka Ops	6,674	OH
1.7.62	Wekiva	M115	FL Apopka Ops	2,201	OH
1.7.63	Douglas Avenue	M1704	FL Apopka Ops	5,787	OH
1.7.64	Douglas Avenue	M1706	FL Apopka Ops	3,515	OH
1.7.65	Douglas Avenue	M1706	FL Apopka Ops / FL Longwood Ops	142	OH
1.7.66	Douglas Avenue	M1707	FL Apopka Ops	178	OH
1.7.67	Douglas Avenue	M1707	FL Apopka Ops / FL Longwood Ops	10,224	OH
1.7.68	Douglas Avenue	M1709	FL Apopka Ops	497	OH
1.7.69	Douglas Avenue	M1709	FL Apopka Ops / FL Longwood Ops	4,402	OH
1.7.70	Douglas Avenue	M1712	FL Apopka Ops / FL Longwood Ops	675	OH
1.7.71	Zellwood	M31	FL Apopka Ops	14,697	OH
1.7.72	Zellwood	M32	FL Apopka Ops	12,319	OH
1.7.73	Zellwood	M33	FL Apopka Ops	16,437	OH
1.7.74	Zellwood	M33	FL Apopka Ops	38,056	OH
1.7.75	Zellwood	M34	FL Apopka Ops	1,669	OH
1.7.76	Zellwood	M34	FL Apopka Ops	22,365	OH
	SUBTOTAL			535,990	

20220050-DEF-005044

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 15 of 22
Page 16 of 84

Line	O&M Activities		O&M Expenditures	OH or UG
1.	Distribution			
1.7	Lateral Hardening Inspections (continued)			
	Substation	Feeder	Operations Center	OH / UG
1.7.77	Lockhart	M408	FL Apopka Ops	7,491 OH
1.7.78	Lockhart	M408	FL Apopka Ops / FL Longwood Ops	462 OH
1.7.79	Lockhart	M408	FL Winter Garden Ops	11,680 OH
1.7.80	Lockhart	M414	FL Apopka Ops	3,515 OH
1.7.81	Lockhart	M414	FL Winter Garden Ops	4,722 OH
1.7.82	Piedmont	M471	FL Apopka Ops	7,597 OH
1.7.83	Piedmont	M472	FL Apopka Ops	12,816 OH
1.7.84	Piedmont	M472	FL Apopka Ops / FL Longwood Ops	3,692 OH
1.7.85	Piedmont	M473	FL Apopka Ops	178 OH
1.7.86	Piedmont	M473	FL Apopka Ops	19,419 OH
1.7.87	Piedmont	M474	FL Apopka Ops	10,331 OH
1.7.88	Piedmont	M474	FL Apopka Ops	4,047 OH
1.7.89	Piedmont	M475	FL Apopka Ops	14,697 OH
1.7.90	Piedmont	M476	FL Apopka Ops	9,372 OH
1.7.91	Piedmont	M477	FL Apopka Ops	14,910 OH
1.7.92	Piedmont	M478	FL Apopka Ops	5,645 OH
1.7.93	Piedmont	M478	FL Apopka Ops	11,786 OH
1.7.94	Welch Road	M542	FL Apopka Ops	30,282 OH
1.7.95	Welch Road	M543	FL Apopka Ops	7,597 OH
1.7.96	Welch Road	M545	FL Apopka Ops	12,496 OH
1.7.97	Welch Road	M548	FL Apopka Ops	18,283 OH
1.7.98	Welch Road	M550	FL Apopka Ops	4,367 OH
1.7.99	Welch Road	M552	FL Apopka Ops	13,135 OH
1.7.100	Welch Road	M554	FL Apopka Ops	11,147 OH
1.7.101	Wolf Lake	M563	FL Apopka Ops	4,047 OH
1.7.102	Wolf Lake	M564	FL Apopka Ops	9,585 OH
1.7.103	Plymouth South	M702	FL Apopka Ops	15,975 OH
1.7.104	Plymouth South	M704	FL Apopka Ops	7,313 OH
1.7.105	Plymouth South	M706	FL Apopka Ops	3,834 OH
1.7.106	Plymouth South	M707	FL Apopka Ops	12,922 OH
1.7.107	Apopka South	M720	FL Apopka Ops	27,548 OH
1.7.108	Apopka South	M721	FL Apopka Ops	11,644 OH
1.7.109	Apopka South	M722	FL Apopka Ops	11,183 OH
1.7.110	Apopka South	M723	FL Apopka Ops	25,773 OH
1.7.111	Apopka South	M724	FL Apopka Ops	17,253 OH
1.7.112	Apopka South	M725	FL Apopka Ops	7,278 OH
1.7.113	Apopka South	M726	FL Apopka Ops	13,455 OH
1.7.114	Apopka South	M727	FL Apopka Ops	22,330 OH
1.7.115	Madison	N1	FL Apopka Ops / FL Winter Garden C	77,461 OH
1.7.116	Madison	N2	FL Apopka Ops / FL Winter Garden C	38,127 OH
1.7.117	Port St Joe	N201	FL Apopka Ops / FL Winter Garden C	284 OH
1.7.118	Port St Joe	N203	FL Apopka Ops / FL Winter Garden C	2,982 OH
1.7.119	East Point	N230	FL Apopka Ops / FL Winter Garden C	24,815 OH
1.7.120	East Point	N231	FL Apopka Ops / FL Winter Garden C	55,877 OH
1.7.121	Madison	N3	FL Apopka Ops / FL Winter Garden C	59,569 OH
1.7.122	Suwannee	N323	FL Apopka Ops / FL Winter Garden C	7,526 OH
1.7.123	Suwannee	N323	FL Apopka Ops / FL Winter Garden C	1,953 OH
1.7.124	Suwannee	N324	FL Apopka Ops / FL Winter Garden C	1,846 OH
1.7.125	Suwannee	N325	FL Apopka Ops / FL Winter Garden C	710 OH
1.7.126	Madison	N4	FL Apopka Ops / FL Winter Garden C	16,685 OH
	SUBTOTAL			717,642

20220050-DEF-005045

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 2P
Page 16 of 22
Page 17 of 84

Line	O&M Activities		O&M Expenditures	OH or UG
1.	Distribution			
1.7	Lateral Hardening Inspections (continued)			
	Substation	Feeder	Operations Center	OH / UG
1.7.127	Beacon Hill	N515	FL Apopka Ops / FL Winter Garden C	8,662 OH
1.7.128	Beacon Hill	N516	FL Apopka Ops / FL Winter Garden C	16,827 OH
1.7.129	Beacon Hill	N516	FL Apopka Ops / FL Winter Garden C	36 OH
1.7.130	Port St Joe	N52	FL Apopka Ops / FL Winter Garden C	23,288 OH
1.7.131	Beacon Hill	N527	FL Apopka Ops / FL Winter Garden C	320 OH
1.7.132	Beacon Hill	N527	FL Apopka Ops / FL Winter Garden C	26,519 OH
1.7.133	Port St Joe	N53	FL Apopka Ops / FL Winter Garden C	29,856 OH
1.7.134	Port St Joe	N54	FL Apopka Ops / FL Winter Garden C	23,253 OH
1.7.135	Port St Joe	N55	FL Apopka Ops / FL Winter Garden C	3,018 OH
1.7.136	Indian Pass	N556	FL Apopka Ops / FL Winter Garden C	3,266 OH
1.7.137	Indian Pass	N556	FL Apopka Ops / FL Winter Garden C	35,323 OH
1.7.138	Bayboro	X10	FL St Pete Ops	36 OH
1.7.139	Bayboro	X10	FL St Pete Ops / FL Walsingham Ops	36 OH
1.7.140	Bayboro	X13	FL St Pete Ops	213 OH
1.7.141	Crossroads	X132	FL St Pete Ops	1,065 OH
1.7.142	Crossroads	X132	FL St Pete Ops / FL Walsingham Ops	6,142 OH
1.7.143	Crossroads	X133	FL St Pete Ops	7,313 OH
1.7.144	Crossroads	X133	FL St Pete Ops / FL Walsingham Ops	13,348 OH
1.7.145	Crossroads	X134	FL St Pete Ops	8,982 OH
1.7.146	Crossroads	X135	FL St Pete Ops	35,926 OH
1.7.147	Crossroads	X136	FL St Pete Ops	12,780 OH
1.7.148	Crossroads	X137	FL St Pete Ops	71 OH
1.7.149	Crossroads	X138	FL St Pete Ops	8,236 OH
1.7.150	Bayboro	X15	FL St Pete Ops	36 OH
1.7.151	Bayboro	X16	FL St Pete Ops	48,138 OH
1.7.152	Bayboro	X17	FL St Pete Ops	36 OH
1.7.153	Bayboro	X19	FL St Pete Ops	1,172 OH
1.7.154	Bayboro	X21	FL St Pete Ops	51,901 OH
1.7.155	Pilsbury	X252	FL St Pete Ops	21,975 OH
1.7.156	Pilsbury	X253	FL St Pete Ops	4,154 OH
1.7.157	Pilsbury	X254	FL St Pete Ops	28,045 OH
1.7.158	Pilsbury	X255	FL St Pete Ops	31,134 OH
1.7.159	Pilsbury	X256	FL St Pete Ops	3,728 OH
1.7.160	Pilsbury	X257	FL St Pete Ops	33,264 OH
1.7.161	Pilsbury	X258	FL St Pete Ops	23,643 OH
1.7.162	Pilsbury	X259	FL St Pete Ops	27,974 OH
1.7.163	Central Plaza	X262	FL St Pete Ops	53,854 OH
1.7.164	Central Plaza	X264	FL St Pete Ops	12,141 OH
1.7.165	Central Plaza	X265	FL St Pete Ops	22,436 OH
1.7.166	Central Plaza	X266	FL St Pete Ops	355 OH
1.7.167	Central Plaza	X267	FL St Pete Ops	49,097 OH
1.7.168	Central Plaza	X268	FL St Pete Ops	44,198 OH
1.7.169	Northeast	X282	FL St Pete Ops	639 OH
1.7.170	Northeast	X282	FL St Pete Ops / FL Walsingham Ops	320 OH
1.7.171	Northeast	X283	FL St Pete Ops	4,331 OH
1.7.172	Northeast	X284	FL St Pete Ops	10,224 OH
1.7.173	Northeast	X285	FL St Pete Ops	33,335 OH
1.7.174	Northeast	X286	FL St Pete Ops	25,028 OH
1.7.175	Northeast	X287	FL St Pete Ops	3,160 OH
1.7.176	Northeast	X288	FL St Pete Ops	20,200 OH
	SUBTOTAL		819,034	

20220050-DEF-005046

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 17 of 22
Page 18 of 84

Line	O&M Activities			O&M Expenditures	OH or UG
1.	Distribution				
1.7	Lateral Hardening Inspections (continued)				
	Substation	Feeder	Operations Center		OH / UG
1.7.177	Northeast	X289	FL St Pete Ops	2,414	OH
1.7.178	Northeast	X290	FL St Pete Ops	5,219	OH
1.7.179	Northeast	X291	FL St Pete Ops	1,243	OH
1.7.180	Northeast	X291	FL St Pete Ops / FL Walsingham Ops	107	OH
1.7.181	Vinoy	X77	FL St Pete Ops	36	OH
1.7.182	Fortieth Street	X81	FL St Pete Ops	15,336	OH
1.7.183	Fortieth Street	X82	FL St Pete Ops	23,040	OH
1.7.184	Fortieth Street	X83	FL St Pete Ops	23,253	OH
1.7.185	Fortieth Street	X83	FL St Pete Ops / FL Walsingham Ops	12,816	OH
1.7.186	Fortieth Street	X84	FL St Pete Ops	42,529	OH
1.7.187	Fortieth Street	X85	FL St Pete Ops	19,241	OH
	SUBTOTAL			145,234	
	TOTAL			6,986,109	
1.8	SOG Automation				
1.8.1	Frostproof	110/K101	FL Lake Wales Ops	3,575	OH
1.8.2	Central Park	121/K495	FL SE Orlando Ops	6,250	OH
1.8.3	Cabbage Island	122/K1616	FL Lake Wales Ops	9,750	OH
1.8.4	Umatilla	123/M4405	FL Apopka Ops	5,250	OH
1.8.5	Lake Bryan	124/K232	FL Buena Vista Ops	5,750	OH
1.8.6	Georgia Pacific	126/A45	FL Ocala Ops	7,000	OH
1.8.7	Denham	130/C152	FL Seven Springs Ops	1,750	OH
1.8.8	Lockwood	191/W0482	FL Jamestown Ops	6,500	OH
1.8.9	Orangewood	196/K228	FL Buena Vista Ops	7,750	OH
1.8.10	Eatonville	197/M1137	FL Apopka Ops / FL Longwood Ops	21,075	OH
1.8.11	Altamonte	203/M573	FL Apopka Ops / FL Longwood Ops	6,250	OH
1.8.12	Hunters Creek	206/K40	FL Buena Vista Ops	11,750	OH
1.8.13	Bayway	210/X100	FL St Pete Ops	16,550	OH
1.8.14	Casselberry	217/W0017	FL Jamestown Ops	16,250	OH
1.8.15	Oviedo	218/W0176	FL Jamestown Ops	9,825	OH
1.8.16	Circle Square	228/A250	FL Inverness Ops	6,500	OH
1.8.17	Tangerine	229/A263	FL Inverness Ops	5,800	OH
1.8.18	Tangerine	230/A262	FL Inverness Ops	5,250	OH
1.8.19	Crystal River South	231/A159	FL Inverness Ops	16,300	OH
1.8.20	Twin County Ranch	232/A216	FL Inverness Ops	10,525	OH
1.8.21	Eatonville	234/M1131	FL Apopka Ops / FL Longwood Ops	13,325	OH
1.8.22	Lake Emma	237/M422	FL Apopka Ops / FL Longwood Ops	17,825	OH
1.8.23	Central Plaza	246/X265	FL St Pete Ops	6,350	OH
1.8.24	Largo	257/J402	FL Clearwater Ops	7,550	OH
1.8.25	Maximo	260/X146	FL St Pete Ops	14,000	OH
1.8.26	Cross Bayou	262/J141	FL Walsingham Ops	5,250	OH
1.8.27	Tarpon Springs	267/C307	FL Seven Springs Ops	14,000	OH
1.8.28	Dunedin	269/C106	FL Clearwater Ops	13,350	OH
1.8.29	Longwood	275/M144	FL Apopka Ops / FL Longwood Ops	11,450	OH
1.8.30	Lake Wilson	279/K882	FL Buena Vista Ops	8,000	OH
1.8.31	Bay Hill	284/K67	FL Buena Vista Ops	14,500	OH
1.8.32	Montverde	288/K4845	FL Clermont Ops	14,000	OH
1.8.33	Bonnet Creek	289/K1231	FL Buena Vista Ops	27,800	OH
1.8.34	Eustis South	291/M1054	FL Apopka Ops	26,825	OH
1.8.35	Wekiva	293/M101	FL Apopka Ops	13,550	OH
1.8.36	Dinner Lake	296/K1687	FL Highlands Ops	8,750	OH
1.8.37	Country Oaks	297/K1443	FL Lake Wales Ops	17,500	OH
	SUBTOTAL			413,675	

20220050-DEF-005047

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 2P
Page 18 of 22
Page 19 of 84

Line	O&M Activities		O&M Expenditures	OH or UG
1.	Distribution			
1.8	SOG Automation (continued)			
	Substation	Feeder	Operations Center	OH / UG
1.8.38	Lisbon	298/M1518	FL Apopka Ops	3,500 OH
1.8.39	Sunflower	433/W0470	FL Jamestown Ops	600 OH
1.8.40	Hunters Creek	435/K42	FL Buena Vista Ops	13,000 OH
1.8.41	Hemphle	491/K2244	FL Winter Garden Ops	35,175 OH
1.8.42	Deland	499/W0805	FL Deland Ops	66,500 OH
1.8.43	Pasadena	513/X215	FL St Pete Ops	36,825 OH
1.8.44	Fifty-First Street	602/X102	FL St Pete Ops	89,250 OH
1.8.45	Oakhurst	611/J221	FL Walsingham Ops	35,000 OH
1.8.46	Port Richey West	616/C202	FL Seven Springs Ops	61,975 OH
1.8.47	Port Richey West	618/C206	FL Seven Springs Ops	60,300 OH
1.8.48	Fifty-First Street	620/X101	FL St Pete Ops / FL Walsingham Ops	55,275 OH
1.8.49	Oakhurst	626/J223	FL Walsingham Ops	61,250 OH
1.8.50	Fifty-First Street	656/X104	FL St Pete Ops	25,125 OH
1.8.51	Pinecastle	700/K396	FL SE Orlando Ops	48,575 OH
1.8.52	Pinecastle	701/W391	FL SE Orlando Ops	35,000 OH
1.8.53	Sky Lake	702/W0368	FL SE Orlando Ops	47,250 OH
1.8.54	Sky Lake	711/W0362	FL SE Orlando Ops	22,750 OH
1.8.55	Crown Point	712/K279	FL Winter Garden Ops	36,750 OH
1.8.56	Crown Point	713/K278	FL Winter Garden Ops	21,000 OH
1.8.57	Hemphle	717/K2249	FL Winter Garden Ops	30,150 OH
1.8.58	Boggy Marsh	720/K958	FL Buena Vista Ops	5,000 OH
1.8.59	Hemphle	748/K2246	FL Winter Garden Ops / FL Buena Vista Ops	33,500 OH
1.8.60	Westridge	749/K426	FL Buena Vista Ops	8,550 OH
1.8.61	Lake Bryan	416 (Rev 1)/K2	FL Buena Vista Ops / FL Winter Garden Ops	2,550 OH
1.8.62	Hemphle	421 (Rev 1)/K2	FL Winter Garden Ops	7,250 OH
1.8.63	Champions Gate	427 (Rev 1)/K1	FL Buena Vista Ops / FL Lake Wales Ops	4,500 OH
1.8.64	Cross Bayou	J148	FL Walsingham Ops	7,000 OH
1.8.65	St. George Island	N233	FL Monticello Ops	3,500 OH
1.8.66	Sky Lake	W0366	FL SE Orlando Ops	1,750 OH
1.8.67	Boggy Marsh	K959	FL Buena Vista Ops	1,750 OH
1.8.68	St. George Island	N234	FL Monticello Ops	1,750 OH
1.8.69	Deland East	W1104	FL Deland Ops	3,500 OH
1.8.70	Deland East	W1109	FL Deland Ops	1,750 OH
	SUBTOTAL			867,600

20220050-DEF-005048

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 19 of 22
Page 20 of 84

Line	O&M Activities			O&M Expenditures	OH or UG
1.	Distribution				
1.9	SOG Capacity & Connectivity				
	Substation	Feeder	Operations Center		OH / UG
1.9.1	Frostproof	110/K101	FL Lake Wales Ops	86,400	OH
1.9.2	Central Park	121/K495	FL SE Orlando Ops	6,840	OH
1.9.3	Fern Park	203/M0907	FL Apopka Ops / FL Longwood Ops	9,720	OH
1.9.4	Bayway	210/X99	FL St Pete Ops	26,532	OH
1.9.5	Oviedo	218/W703	FL Jamestown Ops	5,040	OH
1.9.6	Circle Square	228/A250	FL Inverness Ops	720	OH
1.9.7	Tangerine	230/A262	FL Inverness Ops	74,160	OH
1.9.8	Citrus Hills	231/A285	FL Inverness Ops	75,870	OH
1.9.9	Ulmerton West	257/J682	FL Clearwater Ops	4,774	OH
1.9.10	Dunedin	269/C106	FL Clearwater Ops	16,996	OH
1.9.11	Winter Springs	275/W0196	FL Jamestown Ops	450	OH
1.9.12	Bonnet Creek	289/K973	FL Buena Vista Ops	9,360	OH
1.9.13	Eustis	291/M499	FL Apopka Ops	24,520	OH
1.9.14	Dinner Lake	296/K1687	FL Highlands Ops	9,900	OH
1.9.15	Dundee	297/K3246	FL Lake Wales Ops	11,520	OH
1.9.16	Pasadena	513/X215	FL St Pete Ops	45,000	OH
1.9.17	Maximo	602/X149	FL St Pete Ops	32,400	OH
1.9.18	Port Richey West	616/C202	FL Seven Springs Ops	35,064	OH
1.9.19	Disston	620/X62	FL St Pete Ops / FL Walsingham Ops	76,122	OH
1.9.20	Conway	702/W0408	FL SE Orlando Ops	19,616	OH
1.9.21	Sky Lake	711/W0369	FL SE Orlando Ops	7,740	OH
1.9.22	Islesworth	748/K779	FL Winter Garden Ops / FL Buena Vista Ops	18,259	OH
1.9.23	West Ridge	749/K427	FL Buena Vista Ops	32,040	OH
1.9.24	Islesworth	416 (Rev 1)/K782	FL Buena Vista Ops / FL Winter Garden Ops	2,160	OH
1.9.25	Hemple	421 (Rev 1)/K2250	FL Winter Garden Ops	22,320	OH
1.9.26	Barnum City	427 (Rev 1)/K3362	FL Buena Vista Ops / FL Lake Wales Ops	44,280	OH
	SUBTOTAL			697,803	
	TOTAL			1,979,078	
1.10	Underground Flood Mitigation				
1.10.1	Port Richey West	C209	FL Seven Springs Ops	7,541	UG
1.10.2	Port Richey West	C210	FL Seven Springs Ops	7,541	UG
	TOTAL			15,081	

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 2P
Page 20 of 22
Page 21 of 84

Line	O&M Activities	O&M Expenditures	OH or UG
2.	Transmission		
2.1	Structure Hardening - Pole Replacements		OH / UG
2.1.1	LINE 16TH ST - 40TH ST 115KV	1,291	OH
2.1.2	LINE ALAFAYA - OVIEDO 69KV	2,582	OH
2.1.3	LINE ALAFAYA - UCF 69KV	6,455	OH
2.1.4	LINE ALTAMONTE - CASSELBERRY 69KV	3,873	OH
2.1.5	LINE ALTAMONTE - DOUGLAS AVE 69KV	20,656	OH
2.1.6	LINE AVALON - CLERMONT EAST 69KV	23,238	OH
2.1.7	LINE AVON PARK NORTH - FROSTPROOF 69KV	29,693	OH
2.1.8	LINE AVON PARK PL - DESOTO CITY 69KV	114,899	OH
2.1.9	LINE AVON PARK PL - WAUCHULA 69KV	92,952	OH
2.1.10	LINE BARCOLA - FT MEADE 69KV	30,984	OH
2.1.11	LINE BARNUM CITY - WESTRIDGE 69KV	34,857	OH
2.1.12	LINE BAY RIDGE - KELLY PK 69KV	25,820	OH
2.1.13	LINE BAY RIDGE - SORRENTO 69KV	33,566	OH
2.1.14	LINE BAYBORO - 16TH ST 115KV	33,830	OH
2.1.15	LINE BEVERLY HILLS - LECANTO 115KV	9,037	OH
2.1.16	LINE BLICHTON SEC 69KV TAPLINE	51,740	OH
2.1.17	LINE BOGGY MARSH - WESTRIDGE 69KV	11,619	OH
2.1.18	LINE BRADFORDVILLE WEST - TIE #3 (CITY OF TALLAH) 115KV	24,529	OH
2.1.19	LINE BROOKSVILLE - INVERNESS 69KV - WILDWOOD	10,328	OH
2.1.20	LINE BROOKSVILLE WEST - HUDSON 115KV	18,074	OH
2.1.21	LINE CAMP LAKE - CLERMONT 69KV	30,984	OH
2.1.22	LINE CAMPS SECTION SEVEN 69KV TAPLINE	1,990	OH
2.1.23	LINE CARRABELLE - GUMBAY 69KV	3,873	OH
2.1.24	LINE CASSADAGA - DELTONA 115KV	25,820	OH
2.1.25	LINE CASSADAGA - SMYRNA UTILITIES 115KV	14,201	OH
2.1.26	LINE CASSELBERRY - LAKE ALOMA 69KV	30,984	OH
2.1.27	LINE CASSELBERRY - WINTER PARK EAST 69KV	15,492	OH
2.1.28	LINE CENTRAL FLA - LEESBURG (CFLE) 69KV	32,275	OH
2.1.29	LINE CHIEFLAND-GA PACIFIC 69KV	14,201	OH
2.1.30	LINE CLARCONA - OCOEE 69KV	34,857	OH
2.1.31	LINE CLERMONT - CLERMONT EAST 69KV	2,582	OH
2.1.32	LINE CROSS CITY - OLD TOWN NORTH SW STA 69KV	43,894	OH
2.1.33	LINE CROSS CITY - WILCOX 69KV	32,275	OH
2.1.34	LINE CRYSTAL RIVER SOUTH - HOMOSASSA 115KV RADIAL (TROPIC TERRACE NO)	69,714	OH
2.1.35	LINE CYPRESSWOOD - DUNDEE 69KV	19,900	OH
2.1.36	LINE DALLAS AIRPORT - WILDWOOD 69KV	1,291	OH
2.1.37	LINE DAVENPORT - HAINES CITY 69KV	52,931	OH
2.1.38	LINE DEBARY PL - LAKE EMMA 230KV	15,920	OH
2.1.39	LINE DEBARY PL - ORANGE CITY 230KV	14,201	OH
2.1.40	LINE DEBARY PL - SANFORD (FP&L) 230KV	1,990	OH
2.1.41	LINE DELAND EAST - DELAND (FPL) 115KV	73,630	OH
2.1.42	LINE DELAND WEST - ORANGE CITY 230KV	27,111	OH
2.1.43	LINE DESOTO CITY - LAKE PLACID NORTH 69KV	56,804	OH
2.1.44	LINE DISSTON - STARKEY ROAD 69KV	25,870	OH
2.1.45	LINE DOUGLAS AVE - SPRING LAKE 69KV	11,619	OH
2.1.46	LINE DUNDEE - LAKE MARION 69KV	19,365	OH
2.1.47	LINE DUNNELTON TOWN - HOLDER 69KV	68,423	OH
2.1.48	LINE DUNNELTON TOWN - RAINBOW LK EST SEC 69KV RADIAL	17,910	OH
2.1.49	LINE EATONVILLE - SPRING LAKE 69KV	14,201	OH
2.1.50	LINE EATONVILLE - WINTER PARK 69KV	18,074	OH
2.1.51	LINE EATONVILLE - WOODSMERE 69KV	9,037	OH
	SUBTOTAL	1,381,442	

20220050-DEF-005050

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 2P
Page 21 of 22
Page 22 of 84

Line	O&M Activities	O&M Expenditures	OH or UG
2.	Transmission		
2.1	Structure Hardening - Pole Replacements (continued)		OH / UG
2.1.52	LINE ENOLA - UMATILLA 69KV	7,746	OH
2.1.53	LINE EUSTIS SOUTH - MT DORA 69KV	12,910	OH
2.1.54	LINE FISHEATING CREEK - LAKE PLACID 69KV	69,714	OH
2.1.55	LINE FROSTPROOF - LAKE WALES 69KV	43,894	OH
2.1.56	LINE FT GREEN SPRINGS - DUETTE PREC 69KV RADIAL	33,830	OH
2.1.57	LINE FT MEADE - HOMELAND 69KV	37,439	OH
2.1.58	LINE GINNIE - TRENTON 69KV	100,698	OH
2.1.59	LINE HAINES CITY - HAINES CITY EAST 69KV	11,619	OH
2.1.60	LINE IDYLWILD - UNIVERSITY FLA 69KV	1,990	OH
2.1.61	LINE INTERCESSION CITY PL - CABBAGE ISLAND 69KV	5,164	OH
2.1.62	LINE JASPER - OCC SWIFT CREEK #1 115KV	7,746	OH
2.1.63	LINE KATHLEEN - ZEPHYRHILLS NORTH 230KV	9,950	OH
2.1.64	LINE KELLY PARK - MT DORA 69KV	19,365	OH
2.1.65	LINE LAKE ALOMA - WINTER PARK EAST 69KV	10,328	OH
2.1.66	LINE LAKE BRYAN - DISNEY WORLD LAKE BUENA VISTA 69KV	3,873	OH
2.1.67	LINE LAKE BRYAN WORLD GATEWAY 69KV	19,365	OH
2.1.68	LINE LEESBURG - OKAHUMPKA 69KV	49,058	OH
2.1.69	LINE LEISURE LAKES 69KV TAPLINE	11,940	OH
2.1.70	LINE LOCKHART - WOODSMERE 230KV	30,984	OH
2.1.71	LINE MAITLAND - SPRING LAKE 69KV	11,940	OH
2.1.72	LINE MAITLAND - WINTER PARK 69KV	11,619	OH
2.1.73	LINE MARTIN WEST - SILVER SPRINGS 69KV	43,894	OH
2.1.74	LINE MCINTOSH 69KV TAPLINE	21,890	OH
2.1.75	LINE MEADOW WOODS SOUTH - HUNTER CREEK 69KV	23,238	OH
2.1.76	LINE MEADWDS SOUTH - TAFT 69KV	46,476	OH
2.1.77	LINE MONTICELLO - MONTICELLO TREC 69KV RADIAL	1,990	OH
2.1.78	LINE NORTH BARTOW - ORANGE SWITCHING STA 69KV	42,603	OH
2.1.79	LINE OCC SWIFT CREEK #1 - SUWANNEE RIVER 115KV	43,894	OH
2.1.80	LINE OCCIDENTAL SWIFT CREEK #1 - OCCIDENTAL METERING 115KV	29,693	OH
2.1.81	LINE ODESSA - TARPON SPRINGS 69KV	16,783	OH
2.1.82	LINE OKAHUMPKA - LAKE COUNTY RR 69KV	12,910	OH
2.1.83	LINE ORANGWOOD - SHINGLE CREEK 69KV	1,291	OH
2.1.84	LINE OVIEDO - WINTER SPRINGS 69KV	41,312	OH
2.1.85	LINE PARKWAY - ORLANDO COGEN LTD 69KV	7,960	OH
2.1.86	LINE PIEDMONT - PLYMOUTH 69KV	43,894	OH
2.1.87	LINE PIEDMONT - SPRING LAKE 69KV	25,820	OH
2.1.88	LINE PIEDMONT - WOODSMERE 230KV	27,111	OH
2.1.89	LINE PLYMOUTH - ZELLWOOD 69KV	1,291	OH
2.1.90	LINE RIO PINAR PL - EAST ORANGE 69KV	52,931	OH
2.1.91	LINE SORRENTO - WELCH ROAD 230KV	25,870	OH
2.1.92	LINE ST JOHNS (SEC) - UMATILLA (SEC) 69KV	47,767	OH
2.1.93	LINE SUWANNEE RIVER PL - MADISON 115KV	14,201	OH
2.1.94	LINE SUWANNEE RIVER PL - TWIN LAKES (GA PWR) 115KV	30,984	OH
2.1.95	LINE TURNER PL - DELTONA 115KV	9,037	OH
2.1.96	LINE TURNER PL - DELTONA EAST 115KV	14,201	OH
2.1.97	LINE TURNER PL - ORANGE CITY 115KV	20,656	OH
2.1.98	LINE UCF - WINTER PARK EAST 69KV	58,095	OH
2.1.99	LINE VANDOLAH - MYAKKA PREC 69KV RADIAL	47,760	OH
2.1.100	LINE VANDOLAH - WAUCHULA 69KV	100,698	OH
2.1.101	LINE WHITE SPRINGS 115KV TAPLINE	35,820	OH
2.1.102	LINE WINDERMERE - WOODSMERE 230KV	20,656	OH
	SUBTOTAL	1,421,898	
	TOTAL	2,803,340	

20220050-DEF-005051

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each O&M Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 2P
Page 22 of 22
Page 23 of 84

Line	O&M Activities		O&M Expenditures	OH or UG
2.	Transmission			
2.2	Structure Hardening - Inspections	Line ID		OH / UG
2.2.1	112 Line Segments		400,000	OH
	TOTAL POLE REPLACEMENTS & INSPECTIONS		3,203,340	
2.3	Structure Hardening - GOAB Automation			
2.3.1	City of Fort Meade Tap		2,600	OH
2.3.2	Taunton Road Tap		2,600	OH
2.3.3	Lakewood Tap		2,600	OH
2.3.4	Shadeville TEC Tap		5,743	OH
	TOTAL		13,543	
2.4	Structure Hardening - Tower Upgrades			
2.4.1	Suwannee – Fort White Ckt 2	(SF2)	15,600	OH
2.4.2	Crawfordville – St Marks East 230kV	(CP)	18,200	OH
	TOTAL		33,800	
2.5	Structure Hardening - Cathodic Protection			
2.5.1	Crystal River - Central Florida	(CCF)	107,500	OH
2.5.2	Crystal River - Curlew	(CC)	96,750	OH
	TOTAL		204,250	
2.6	Structure Hardening - Drone Inspections			
2.6.1	Central Florida - Kathleen - 500kV	(CFK)	19,997	OH
2.6.2	Poinsett (FP&L) - West Lake Wales 230kV	(WLXF)	47,121	OH
2.6.3	Suwannee – Fort White Ckt 2	(SF2)	36,317	OH
2.6.4	Crawfordville – St Marks East 230kV	(CP)	11,263	OH
	TOTAL		114,698	
2.7	Structure Hardening - Overhead Ground Wires			
2.7.1	Ft Meade – City of Ft Meade Tap 69kV Line	(FMB-1)	2,600	OH
2.7.2	Wauchula Tap – Wauchula 69kV Line	(APW-4)	5,200	OH
2.7.3	Taunton Road-Parnel Road PREC 69kV Line	(APW-2)	18,200	OH
2.7.4	Avon Park – Taunton Road 69kV Line	(APW)	7,800	OH
2.7.5	Ft. White - Newberry 230KV	(CF-3)	62,400	OH
	TOTAL		96,200	
2.8	Substation Hardening - Breaker Replacements & Electromechanical Relays			
	This program does not have associated Project O&M costs.			

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Annual Revenue Requirements for Capital Investment Programs
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A. Menendez
Exh. No. ____ (CAM-2)
Form 3P
Page 1 of 15
Page 24 of 84

Line	Capital Investment Activities	E/D	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Overhead: Distribution														
1.1	Feeder Hardening - Distribution	D	\$ 615,484	\$ 658,736	\$ 714,692	\$ 776,999	\$ 832,955	\$ 879,383	\$ 919,460	\$ 956,360	\$ 993,261	\$ 1,039,690	\$ 1,092,469	\$ 1,189,947	\$ 10,669,437
1.2	Feeder Hardening - Wood Pole Replacement	D	0	0	0	4,373	18,937	37,144	52,924	67,157	81,362	98,162	118,599	135,730	614,388
1.3	Lateral Hardening - O/H	D	22,316	51,353	88,685	130,165	167,497	198,608	225,570	250,458	275,346	306,456	341,714	403,266	2,461,434
1.4	Lateral Hardening - Wood Pole Replacement	D	0	0	0	12,813	55,344	108,457	154,482	195,995	237,418	286,439	346,026	395,947	1,792,919
1.5	SOG	D	39,692	84,544	142,390	207,464	266,720	315,755	358,221	397,002	435,744	483,076	538,413	601,096	3,870,118
1.a	Adjustments	D	0	0	0	0	0	0	0	0	0	0	0	0	0
1.b	Subtotal of Overhead Distribution Feeder Hardening Capital Programs		\$ 677,493	\$ 794,633	\$ 945,767	\$ 1,131,814	\$ 1,341,454	\$ 1,539,347	\$ 1,710,656	\$ 1,866,973	\$ 2,023,131	\$ 2,213,822	\$ 2,437,221	\$ 2,725,986	\$ 19,408,296
2	Overhead: Transmission														
2.1	Structure Hardening - Trans - Pole Replacements	D	\$ 262,651	\$ 331,065	\$ 399,360	\$ 467,536	\$ 535,594	\$ 603,533	\$ 671,354	\$ 739,056	\$ 806,639	\$ 874,104	\$ 941,450	\$ 1,008,678	\$ 7,641,021
2.2	Structure Hardening - Trans - Tower Upgrades	D	11,360	13,005	14,650	16,295	17,940	19,585	22,056	25,158	26,793	28,428	31,028	33,990	260,286
2.3	Structure Hardening - Trans - Cathodic Protection	D	6,190	6,834	7,577	8,320	9,063	9,805	10,546	11,286	12,026	12,765	13,504	14,242	122,159
2.4	Structure Hardening - Trans - Drone Inspections	D	0	0	0	0	0	0	0	0	0	0	0	0	0
2.5	Structure Hardening - Trans - GOAB	D	488	1,465	2,441	3,629	5,142	6,326	7,902	9,216	10,855	12,165	13,801	14,620	88,051
2.6	Overhead Ground Wire	D	858	2,744	5,266	7,785	10,299	12,810	15,449	18,217	20,980	23,740	26,496	28,389	173,032
2.7	Substation Hardening	D	1,494	4,768	8,735	12,697	16,654	20,608	24,663	28,819	32,972	37,120	41,263	43,909	273,701
2.a	Adjustments	D	0	0	0	0	0	0	0	0	0	0	0	0	0
2.b	Subtotal of Overhead Transmission Structure Hardening Capital Programs		\$ 283,042	\$ 359,880	\$ 438,029	\$ 516,262	\$ 594,692	\$ 672,666	\$ 751,969	\$ 831,752	\$ 910,265	\$ 988,323	\$ 1,067,542	\$ 1,143,828	\$ 8,558,250
3	Veg. Management Programs														
3.1	Vegetation Management - Distribution	D	\$ 602	\$ 2,066	\$ 3,657	\$ 5,303	\$ 6,763	\$ 8,349	\$ 9,988	\$ 11,569	\$ 13,202	\$ 14,650	\$ 16,223	\$ 17,722	\$ 110,093
3.2	Vegetation Management - Transmission	D	2,175	7,075	12,351	18,549	24,646	29,914	35,661	42,072	48,110	53,477	58,604	63,524	396,159
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		\$ 2,778	\$ 9,141	\$ 16,008	\$ 23,852	\$ 31,409	\$ 38,263	\$ 45,649	\$ 53,640	\$ 61,313	\$ 68,127	\$ 74,827	\$ 81,246	\$ 506,252
4	Underground: Distribution														
4.1	UG - Flood Mitigation	D	\$ -	\$ -	\$ -	\$ 130	\$ 469	\$ 859	\$ 1,198	\$ 1,510	\$ 1,823	\$ 2,213	\$ 2,656	\$ 3,333	\$ 14,191
4.2	Lateral Hardening Underground	D	32,250	74,210	128,159	188,102	242,051	287,009	325,972	361,938	397,904	442,862	493,814	586,366	3,560,638
4.a	Adjustments	D	0	0	0	0	0	0	0	0	0	0	0	0	0
4.b	Subtotal of Underground Capital Programs		\$ 32,250	\$ 74,210	\$ 128,159	\$ 188,233	\$ 242,520	\$ 287,868	\$ 327,170	\$ 363,449	\$ 399,727	\$ 445,075	\$ 496,470	\$ 589,699	\$ 3,574,829
5a	Jurisdictional Energy Revenue Requirements		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5b	Jurisdictional Demand Revenue Requirements		\$ 995,562	\$ 1,237,864	\$ 1,527,963	\$ 1,860,160	\$ 2,210,075	\$ 2,538,144	\$ 2,835,445	\$ 3,115,813	\$ 3,394,436	\$ 3,715,347	\$ 4,076,060	\$ 4,540,758	\$ 32,047,628
Capital Revenue Requirements (B)															
6.	Overhead: Distribution Hardening Capital Programs		\$ 677,493	\$ 794,633	\$ 945,767	\$ 1,131,814	\$ 1,341,454	\$ 1,539,347	\$ 1,710,656	\$ 1,866,973	\$ 2,023,131	\$ 2,213,822	\$ 2,437,221	\$ 2,725,986	\$ 19,408,296
a.	Allocated to Energy		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
b.	Allocated to Demand		\$ 677,493	\$ 794,633	\$ 945,767	\$ 1,131,814	\$ 1,341,454	\$ 1,539,347	\$ 1,710,656	\$ 1,866,973	\$ 2,023,131	\$ 2,213,822	\$ 2,437,221	\$ 2,725,986	\$ 19,408,296
7.	Overhead: Transmission Capital Programs		\$ 283,042	\$ 359,880	\$ 438,029	\$ 516,262	\$ 594,692	\$ 672,666	\$ 751,969	\$ 831,752	\$ 910,265	\$ 988,323	\$ 1,067,542	\$ 1,143,828	\$ 8,558,250
a.	Allocated to Energy		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
b.	Allocated to Demand		\$ 283,042	\$ 359,880	\$ 438,029	\$ 516,262	\$ 594,692	\$ 672,666	\$ 751,969	\$ 831,752	\$ 910,265	\$ 988,323	\$ 1,067,542	\$ 1,143,828	\$ 8,558,250
8.	Veg. Management Capital Programs		\$ 2,778	\$ 9,141	\$ 16,008	\$ 23,852	\$ 31,409	\$ 38,263	\$ 45,649	\$ 53,640	\$ 61,313	\$ 68,127	\$ 74,827	\$ 81,246	\$ 506,252
a.	Allocated to Energy		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
b.	Allocated to Demand		\$ 2,778	\$ 9,141	\$ 16,008	\$ 23,852	\$ 31,409	\$ 38,263	\$ 45,649	\$ 53,640	\$ 61,313	\$ 68,127	\$ 74,827	\$ 81,246	\$ 506,252
9.	Underground: Distribution Hardening Capital Programs		\$ 32,250	\$ 74,210	\$ 128,159	\$ 188,233	\$ 242,520	\$ 287,868	\$ 327,170	\$ 363,449	\$ 399,727	\$ 445,075	\$ 496,470	\$ 589,699	\$ 3,574,829
a.	Allocated to Energy		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
b.	Allocated to Demand		\$ 32,250	\$ 74,210	\$ 128,159	\$ 188,233	\$ 242,520	\$ 287,868	\$ 327,170	\$ 363,449	\$ 399,727	\$ 445,075	\$ 496,470	\$ 589,699	\$ 3,574,829

Notes:

- (A) Any necessary adjustments are shown within the calculations on the detailed Form 4P
(B) Jurisdictional Energy and Demand Revenue Requirements are calculated on the detailed Form 4P

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 3P
Page 2 of 15
Page 25 of 84

Line	Capital Activities			Capital Expenditures	OH or UG
1.	Overhead: Distribution				
1.1	Feeder Hardening - Distribution				
1.1.1	Deland East	W1103	FL Deland Ops	6,389,417	OH
1.1.2	Deland East	W1105	FL Deland Ops	2,879,601	OH
1.1.3	Deland East	W1109	FL Deland Ops	3,335,295	OH
1.1.4	Deland	W0805	FL Deland Ops	3,645,555	OH
1.1.5	Deland	W0807	FL Deland Ops	4,479,379	OH
1.1.6	Deland	W0809	FL Deland Ops	3,917,032	OH
1.1.7	Hemple	K2246	FL Winter Garden Ops	3,829,772	OH
1.1.8	Hemple	K2250	FL Winter Garden Ops	2,385,124	OH
1.1.9	Hemple	K2252	FL Winter Garden Ops	3,218,947	OH
1.1.10	Hemple	K2253	FL Winter Garden Ops	3,713,424	OH
1.1.11	Pinecastle	W0391	FL SE Orlando Ops	6,583,329	OH
1.1.12	Port Richey West	C202	FL Seven Springs Ops	4,081,858	OH
1.1.13	Port Richey West	C205	FL Seven Springs Ops	3,597,077	OH
1.1.14	Port Richey West	C207	FL Seven Springs Ops	3,451,642	OH
1.1.15	Port Richey West	C208	FL Seven Springs Ops	4,072,162	OH
1.1.16	Port Richey West	C210	FL Seven Springs Ops	4,809,030	OH
1.1.17	Port St Joe Ind	N202	FL Monticello Ops	3,160,774	OH
1.1.18	St George Island	N233	FL Monticello Ops	4,382,422	OH
1.1.19	Fifty First Street	X101	FL St Pete Ops	2,840,818	OH
1.1.20	Fifty First Street	X102	FL St Pete Ops	4,188,510	OH
1.1.21	Fifty First Street	X108	FL St Pete Ops	3,325,599	OH
1.1.22	Pasadena	X213	FL St Pete Ops	1,716,126	OH
1.1.23	Pasadena	X219	FL St Pete Ops	2,821,427	OH
1.1.24	Pasadena	X220	FL St Pete Ops	1,502,822	OH
1.1.25	Engineering/Materials for 2023 Projects			2,135,158	OH
	TOTAL			90,462,300	
1.2	Feeder Hardening Pole Replacements				
1.2.1	Cross City	A115	FL Monticello Ops	128,608	OH
1.2.2	Cross City	A118	FL Monticello Ops	128,608	OH
1.2.3	Cross City	A119	FL Monticello Ops	64,304	OH
1.2.4	High Springs	A15	FL Monticello Ops	225,063	OH
1.2.5	High Springs	A16	FL Monticello Ops	96,456	OH
1.2.6	Cross City	A46	FL Monticello Ops	160,760	OH
1.2.7	Dinner Lake	K1684	FL Highlands Ops	40,190	OH
1.2.8	Dinner Lake	K1685	FL Highlands Ops	176,836	OH
1.2.9	Dinner Lake	K1687	FL Highlands Ops	48,228	OH
1.2.10	Dinner Lake	K1688	FL Highlands Ops	104,494	OH
1.2.11	Dinner Lake	K1689	FL Highlands Ops	120,570	OH
1.2.12	Dinner Lake	K1690	FL Highlands Ops	168,798	OH
1.2.13	Dinner Lake	K1691	FL Highlands Ops	168,798	OH
1.2.14	Okahumpka	K284	FL Clermont Ops	160,760	OH
1.2.15	Okahumpka	K285	FL Clermont Ops	120,570	OH
1.2.16	Okahumpka	K286	FL Clermont Ops	24,114	OH
1.2.17	Cypresswood	K317	FL Lake Wales Ops	16,076	OH
1.2.18	Desoto City	K3220	FL Highlands Ops	281,329	OH
1.2.19	Desoto City	K3221	FL Highlands Ops	160,760	OH
1.2.20	Desoto City	K3222	FL Highlands Ops	160,760	OH
1.2.21	Montverde	K4831	FL Clermont Ops/Winter	120,570	OH
1.2.22	Montverde	K4833	FL Clermont Ops	40,190	OH
1.2.23	Montverde	K4834	FL Clermont Ops	56,266	OH
1.2.24	Montverde	K4836	FL Clermont Ops	64,304	OH
	SUBTOTAL			2,837,412	

20220050-DEF-005054

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 3P
Page 3 of 15
Page 26 of 84

Line	Capital Activities	Capital Expenditures	OH or UG
1.	Distribution		
1.2	Feeder Hardening Pole Replacements (continued)		
	Substation	Feeder	Operations Center
			OH / UG
1.2.25	Montverde	K4837	FL Clermont Ops
1.2.26	Montverde	K4840	FL Clermont Ops
1.2.27	Montverde	K4841	FL Clermont Ops
1.2.28	Montverde	K4845	FL Clermont Ops
1.2.29	Cypresswood	K561	FL Lake Wales Ops
1.2.30	Cypresswood	K562	FL Lake Wales Ops
1.2.31	Cypresswood	K563	FL Lake Wales Ops
1.2.32	Howey	K564	FL Clermont Ops
1.2.33	Howey	K565	FL Clermont Ops
1.2.34	Clermont	K601	FL Clermont Ops
1.2.35	Clermont	K602	FL Clermont Ops
1.2.36	Clermont	K603	FL Clermont Ops
1.2.37	Clermont	K605	FL Clermont Ops
1.2.38	Clermont	K606	FL Clermont Ops
1.2.39	Clermont	K607	FL Clermont Ops
1.2.40	Groveland	K673	FL Clermont Ops
1.2.41	Groveland	K674	FL Clermont Ops
1.2.42	Groveland	K675	FL Clermont Ops
1.2.43	Minneola	K946	FL Clermont Ops
1.2.44	Minneola	K948	FL Clermont Ops
1.2.45	Minneola	K949	FL Clermont Ops
1.2.46	Wekiva	M101	FL Apopka Ops
1.2.47	Wekiva	M103	FL Apopka Ops
1.2.48	Wekiva	M104	FL Apopka Ops
1.2.49	Wekiva	M106	FL Apopka Ops
1.2.50	Wekiva	M107	FL Apopka Ops
1.2.51	Wekiva	M109	FL Apopka Ops
1.2.52	Wekiva	M110	FL Apopka Ops
1.2.53	Wekiva	M112	FL Apopka Ops / FL Longwood Ops
1.2.54	Wekiva	M113	FL Apopka Ops
1.2.55	Wekiva	M115	FL Apopka Ops
1.2.56	Douglas Avenue	M1704	FL Apopka Ops
1.2.57	Douglas Avenue	M1706	FL Apopka Ops / FL Longwood Ops
1.2.58	Douglas Avenue	M1707	FL Apopka Ops / FL Longwood Ops
1.2.59	Douglas Avenue	M1709	FL Apopka Ops / FL Longwood Ops
1.2.60	Douglas Avenue	M1712	FL Apopka Ops / FL Longwood Ops
1.2.61	Zellwood	M31	FL Apopka Ops
1.2.62	Zellwood	M32	FL Apopka Ops
1.2.63	Zellwood	M33	FL Apopka Ops
1.2.64	Zellwood	M34	FL Apopka Ops
1.2.65	Lockhart	M408	FL Apopka Ops / FL Winter Garden C
1.2.66	Lockhart	M414	FL Apopka Ops / FL Winter Garden C
1.2.67	Piedmont	M471	FL Apopka Ops
1.2.68	Piedmont	M472	FL Apopka Ops / FL Longwood Ops
1.2.69	Piedmont	M473	FL Apopka Ops
1.2.70	Piedmont	M474	FL Apopka Ops
1.2.71	Piedmont	M475	FL Apopka Ops
1.2.72	Piedmont	M476	FL Apopka Ops
1.2.73	Piedmont	M477	FL Apopka Ops
1.2.74	Piedmont	M478	FL Apopka Ops
	SUBTOTAL		4,814,758

20220050-DEF-005055

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 3P
Page 4 of 15
Page 27 of 84

Line	Capital Activities	Capital Expenditures	OH or UG
1.	Distribution		
1.2	Feeder Hardening Pole Replacements (continued)		
	Substation	Feeder	Operations Center
			OH / UG
1.2.75	Welch Road	M542	FL Apopka Ops
1.2.76	Welch Road	M543	FL Apopka Ops
1.2.77	Welch Road	M545	FL Apopka Ops
1.2.78	Welch Road	M548	FL Apopka Ops
1.2.79	Welch Road	M550	FL Apopka Ops
1.2.80	Welch Road	M552	FL Apopka Ops
1.2.81	Welch Road	M554	FL Apopka Ops
1.2.82	Wolf Lake	M563	FL Apopka Ops
1.2.83	Wolf Lake	M564	FL Apopka Ops
1.2.84	Plymouth South	M702	FL Apopka Ops
1.2.85	Plymouth South	M704	FL Apopka Ops
1.2.86	Plymouth South	M706	FL Apopka Ops
1.2.87	Plymouth South	M707	FL Apopka Ops
1.2.88	Apopka South	M720	FL Apopka Ops
1.2.89	Apopka South	M721	FL Apopka Ops
1.2.90	Apopka South	M722	FL Apopka Ops
1.2.91	Apopka South	M723	FL Apopka Ops
1.2.92	Apopka South	M724	FL Apopka Ops
1.2.93	Apopka South	M725	FL Apopka Ops
1.2.94	Apopka South	M726	FL Apopka Ops
1.2.95	Apopka South	M727	FL Apopka Ops
1.2.96	Madison	N1	FL Monticello Ops
1.2.97	Madison	N2	FL Monticello Ops
1.2.98	Port St Joe	N201	FL Monticello Ops
1.2.99	Port St Joe	N203	FL Monticello Ops
1.2.100	East Point	N230	FL Monticello Ops
1.2.101	East Point	N231	FL Monticello Ops
1.2.102	Madison	N3	FL Monticello Ops
1.2.103	Suwannee	N323	FL Monticello Ops
1.2.104	Suwannee	N324	FL Monticello Ops
1.2.105	Suwannee	N325	FL Monticello Ops
1.2.106	Madison	N4	FL Monticello Ops
1.2.107	Beacon Hill	N515	FL Monticello Ops
1.2.108	Beacon Hill	N516	FL Monticello Ops
1.2.109	Port St Joe	N52	FL Monticello Ops
1.2.110	Beacon Hill	N527	FL Monticello Ops
1.2.111	Port St Joe	N53	FL Monticello Ops
1.2.112	Port St Joe	N54	FL Monticello Ops
1.2.113	Indian Pass	N556	FL Monticello Ops
1.2.114	Crossroads	X132	FL St Pete Ops / FL Walsingham Ops
1.2.115	Crossroads	X133	FL St Pete Ops / FL Walsingham Ops
1.2.116	Crossroads	X134	FL St Pete Ops
1.2.117	Crossroads	X135	FL St Pete Ops
1.2.118	Crossroads	X136	FL St Pete Ops
1.2.119	Crossroads	X138	FL St Pete Ops
1.2.120	Bayboro	X16	FL St Pete Ops
1.2.121	Bayboro	X19	FL St Pete Ops
1.2.122	Bayboro	X21	FL St Pete Ops
1.2.123	Pilsbury	X252	FL St Pete Ops
1.2.124	Pilsbury	X253	FL St Pete Ops
	SUBTOTAL		4,879,063

20220050-DEF-005056

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 3P
Page 5 of 15
Page 28 of 84

Line	Capital Activities			Capital Expenditures	OH or UG
1.	Distribution				
1.2	Feeder Hardening Pole Replacements (continued)				
	Substation	Feeder	Operations Center		OH / UG
1.2.125	Pilsbury	X254	FL St Pete Ops	72,342	OH
1.2.126	Pilsbury	X255	FL St Pete Ops	72,342	OH
1.2.127	Pilsbury	X256	FL St Pete Ops	24,114	OH
1.2.128	Pilsbury	X257	FL St Pete Ops	144,684	OH
1.2.129	Pilsbury	X258	FL St Pete Ops	72,342	OH
1.2.130	Pilsbury	X259	FL St Pete Ops	80,380	OH
1.2.131	Central Plaza	X262	FL St Pete Ops	136,646	OH
1.2.132	Central Plaza	X264	FL St Pete Ops	88,418	OH
1.2.133	Central Plaza	X265	FL St Pete Ops	56,266	OH
1.2.134	Central Plaza	X267	FL St Pete Ops	112,532	OH
1.2.135	Central Plaza	X268	FL St Pete Ops	96,456	OH
1.2.136	Northeast	X282	FL St Pete Ops / FL Walsingham Ops	24,114	OH
1.2.137	Northeast	X283	FL St Pete Ops	64,304	OH
1.2.138	Northeast	X284	FL St Pete Ops	136,646	OH
1.2.139	Northeast	X285	FL St Pete Ops	48,228	OH
1.2.140	Northeast	X286	FL St Pete Ops	168,798	OH
1.2.141	Northeast	X287	FL St Pete Ops	112,532	OH
1.2.142	Northeast	X288	FL St Pete Ops	64,304	OH
1.2.143	Northeast	X289	FL St Pete Ops	48,228	OH
1.2.144	Northeast	X290	FL St Pete Ops	112,532	OH
1.2.145	Northeast	X291	FL St Pete Ops / FL Walsingham Ops	32,152	OH
1.2.146	Fortieth Street	X81	FL St Pete Ops	56,266	OH
1.2.147	Fortieth Street	X82	FL St Pete Ops	72,342	OH
1.2.148	Fortieth Street	X83	FL St Pete Ops / FL Walsingham Ops	72,342	OH
1.2.149	Fortieth Street	X84	FL St Pete Ops	64,304	OH
1.2.150	Fortieth Street	X85	FL St Pete Ops	112,532	OH
	SUBTOTAL			2,146,146	
	TOTAL			14,677,379	
1.4	Lateral Hardening Underground				
1.4.1	Deland East	W1103	Deland	3,232,758	UG
1.4.2	Deland East	W1105	Deland	4,124,207	UG
1.4.3	Deland East	W1109	Deland	453,599	UG
1.4.4	Deland	W0805	Deland	5,741,198	UG
1.4.5	Deland	W0806	Deland	4,587,869	UG
1.4.6	Deland	W0807	Deland	8,035,383	UG
1.4.7	Deland	W0808	Deland	4,958,115	UG
1.4.8	Deland	W0809	Deland	2,052,889	UG
1.4.9	Hemphle	K2246	Winter Garden	1,001,717	UG
1.4.10	Hemphle	K2250	Winter Garden	1,899,597	UG
1.4.11	Hemphle	K2253	Winter Garden	609,951	UG
	SUBTOTAL			36,697,283	

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 3P
Page 6 of 15
Page 29 of 84

Line	Capital Activities			Capital Expenditures	OH or UG
1.	Distribution				
1.4	Lateral Hardening Underground (continued)				
	Substation	Feeder	Operations Center		OH / UG
1.4.12	Pinecastle	W0391	SE Orlando	1,804,235	UG
1.4.13	Port Richey West	C202	Seven Springs	2,544,487	UG
1.4.14	Port Richey West	C205	Seven Springs	3,556,945	UG
1.4.15	Port Richey West	C207	Seven Springs	797,424	UG
1.4.16	Port Richey West	C208	Seven Springs	1,933,725	UG
1.4.17	Port Richey West	C209	Seven Springs	1,150,068	UG
1.4.18	Port Richey West	C210	Seven Springs	4,815,588	UG
1.4.19	St George Island	N234	Monticello	169,636	UG
1.4.20	Fifty First Street	X101	St. Petersburg	6,978,943	UG
1.4.21	Fifty First Street	X102	St. Petersburg	11,379,319	UG
1.4.22	Fifty First Street	X108	St. Petersburg	6,106,225	UG
1.4.23	Pasadena	X211	St. Petersburg	1,241,455	UG
1.4.24	Pasadena	X213	St. Petersburg	2,154,353	UG
1.4.25	Pasadena	X219	St. Petersburg	1,786,363	UG
1.4.26	Engineering/Materials for 2023 Projects			2,257,660	UG
	SUBTOTAL			48,676,426	
	TOTAL			85,373,709	
1.5	Lateral Hardening Overhead				
1.5.1	Deland East	W1103	Deland	8,396,917	OH
1.5.2	Deland East	W1105	Deland	2,781,059	OH
1.5.3	Deland East	W1109	Deland	2,095,870	OH
1.5.4	Deland	W0805	Deland	1,598,773	OH
1.5.5	Deland	W0806	Deland	1,603,251	OH
1.5.6	Deland	W0807	Deland	497,097	OH
1.5.7	Deland	W0808	Deland	6,368,222	OH
1.5.8	Deland	W0809	Deland	743,407	OH
1.5.9	Hemphle	K2246	Winter Garden	474,706	OH
1.5.10	Hemphle	K2250	Winter Garden	783,712	OH
1.5.11	Hemphle	K2252	Winter Garden	913,585	OH
1.5.12	Hemphle	K2253	Winter Garden	738,929	OH
1.5.13	Pinecastle	W0391	SE Orlando	913,585	OH
1.5.14	Port Richey West	C202	Seven Springs	3,860,342	OH
1.5.15	Port Richey West	C205	Seven Springs	1,598,773	OH
1.5.16	Port Richey West	C207	Seven Springs	662,797	OH
1.5.17	Port Richey West	C208	Seven Springs	4,921,713	OH
1.5.18	Port Richey West	C209	Seven Springs	3,264,721	OH
1.5.19	Port Richey West	C210	Seven Springs	3,130,371	OH
1.5.20	St George Island	N233	Monticello	4,944,105	OH
1.5.21	St George Island	N234	Monticello	1,652,513	OH
1.5.22	Fifty First Street	X101	St. Petersburg	170,178	OH
1.5.23	Fifty First Street	X102	St. Petersburg	26,870	OH
1.5.24	Fifty First Street	X108	St. Petersburg	694,145	OH
1.5.25	Pasadena	X211	St. Petersburg	2,010,782	OH
1.5.26	Pasadena	X213	St. Petersburg	962,846	OH
1.5.27	Pasadena	X219	St. Petersburg	765,799	OH
1.5.28	Pasadena	X220	St. Petersburg	940,455	OH
1.5.29	Engineering/Materials for 2023 Projects			1,562,280	OH
	TOTAL			59,077,800	

20220050-DEF-005058

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 3P
Page 7 of 15
Page 30 of 84

Line	Capital Activities			Capital Expenditures	OH or UG
1.	Distribution				
1.6	Lateral Hardening Pole Replacements				
	Substation	Feeder	Operations Center		OH / UG
1.6.1	Cross City	A115	FL Monticello Ops	241,139	OH
1.6.2	Cross City	A118	FL Monticello Ops	482,279	OH
1.6.3	Cross City	A119	FL Monticello Ops	72,342	OH
1.6.4	High Springs	A15	FL Monticello Ops	699,304	OH
1.6.5	High Springs	A15	FL Monticello Ops	136,646	OH
1.6.6	High Springs	A16	FL Monticello Ops	570,697	OH
1.6.7	Cross City	A46	FL Monticello Ops	450,127	OH
1.6.8	Dinner Lake	K1684	FL Highlands Ops	217,025	OH
1.6.9	Dinner Lake	K1685	FL Highlands Ops	618,924	OH
1.6.10	Dinner Lake	K1687	FL Highlands Ops	249,177	OH
1.6.11	Dinner Lake	K1688	FL Highlands Ops	225,063	OH
1.6.12	Dinner Lake	K1689	FL Highlands Ops	321,519	OH
1.6.13	Dinner Lake	K1690	FL Highlands Ops	417,975	OH
1.6.14	Dinner Lake	K1691	FL Highlands Ops	305,443	OH
1.6.15	Okahumpka	K284	FL Clermont Ops	313,481	OH
1.6.16	Okahumpka	K285	FL Clermont Ops	217,025	OH
1.6.17	Okahumpka	K286	FL Clermont Ops	8,038	OH
1.6.18	Cypresswood	K317	FL Lake Wales Ops	40,190	OH
1.6.19	Desoto City	K3220	FL Highlands Ops	635,000	OH
1.6.20	Desoto City	K3221	FL Highlands Ops	241,139	OH
1.6.21	Desoto City	K3222	FL Highlands Ops	337,595	OH
1.6.22	Montverde	K4831	FL Clermont Ops	80,380	OH
1.6.23	Montverde	K4831	FL Winter Garden Ops	208,987	OH
1.6.24	Montverde	K4833	FL Clermont Ops	32,152	OH
1.6.25	Montverde	K4834	FL Clermont Ops	32,152	OH
1.6.26	Montverde	K4836	FL Clermont Ops	16,076	OH
1.6.27	Montverde	K4837	FL Clermont Ops	273,291	OH
1.6.28	Montverde	K4840	FL Clermont Ops	168,798	OH
1.6.29	Montverde	K4841	FL Clermont Ops	160,760	OH
1.6.30	Montverde	K4841	FL Winter Garden Ops	8,038	OH
1.6.31	Cypresswood	K561	FL Lake Wales Ops	281,329	OH
1.6.32	Cypresswood	K562	FL Lake Wales Ops	482,279	OH
1.6.33	Cypresswood	K563	FL Lake Wales Ops	321,519	OH
1.6.34	Howey	K564	FL Clermont Ops	16,076	OH
1.6.35	Howey	K565	FL Clermont Ops	417,975	OH
1.6.36	Clermont	K601	FL Clermont Ops	160,760	OH
1.6.37	Clermont	K602	FL Clermont Ops	498,355	OH
1.6.38	Clermont	K603	FL Clermont Ops	409,937	OH
1.6.39	Clermont	K605	FL Clermont Ops	64,304	OH
1.6.40	Clermont	K606	FL Clermont Ops	192,912	OH
1.6.41	Clermont	K607	FL Clermont Ops	8,038	OH
1.6.42	Groveland	K673	FL Clermont Ops	450,127	OH
1.6.43	Groveland	K674	FL Clermont Ops	136,646	OH
1.6.44	Groveland	K675	FL Clermont Ops	273,291	OH
1.6.45	Minneola	K946	FL Clermont Ops	377,785	OH
1.6.46	Minneola	K948	FL Clermont Ops	168,798	OH
1.6.47	Minneola	K949	FL Clermont Ops	337,595	OH
1.6.48	Wekiva	M101	FL Apopka Ops	24,114	OH
1.6.49	Wekiva	M103	FL Apopka Ops	104,494	OH
1.6.50	Wekiva	M104	FL Apopka Ops	96,456	OH
	SUBTOTAL			12,603,552	

20220050-DEF-005059

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 3P
Page 8 of 15
Page 31 of 84

Line	Capital Activities			Capital Expenditures	OH or UG
1.	Distribution				
1.6	Lateral Hardening Pole Replacements				
	Substation	Feeder	Operations Center		OH / UG
1.6.51	Wekiva	M106	FL Apopka Ops	184,874	OH
1.6.52	Wekiva	M107	FL Apopka Ops	16,076	OH
1.6.53	Wekiva	M109	FL Apopka Ops	120,570	OH
1.6.54	Wekiva	M110	FL Apopka Ops	40,190	OH
1.6.55	Wekiva	M110	FL Apopka Ops	120,570	OH
1.6.56	Wekiva	M112	FL Apopka Ops	32,152	OH
1.6.57	Wekiva	M112	FL Apopka Ops / FL Longwood Ops	152,722	OH
1.6.58	Wekiva	M113	FL Apopka Ops	104,494	OH
1.6.59	Wekiva	M115	FL Apopka Ops	32,152	OH
1.6.60	Douglas Avenue	M1704	FL Apopka Ops	88,418	OH
1.6.61	Douglas Avenue	M1706	FL Apopka Ops	56,266	OH
1.6.62	Douglas Avenue	M1707	FL Apopka Ops / FL Longwood Ops	160,760	OH
1.6.63	Douglas Avenue	M1709	FL Apopka Ops	8,038	OH
1.6.64	Douglas Avenue	M1709	FL Apopka Ops / FL Longwood Ops	64,304	OH
1.6.65	Douglas Avenue	M1712	FL Apopka Ops / FL Longwood Ops	8,038	OH
1.6.66	Zellwood	M31	FL Apopka Ops	225,063	OH
1.6.67	Zellwood	M32	FL Apopka Ops	192,912	OH
1.6.68	Zellwood	M33	FL Apopka Ops	249,177	OH
1.6.69	Zellwood	M33	FL Apopka Ops	586,773	OH
1.6.70	Zellwood	M34	FL Apopka Ops	24,114	OH
1.6.71	Zellwood	M34	FL Apopka Ops	345,633	OH
1.6.72	Lockhart	M408	FL Apopka Ops	112,532	OH
1.6.73	Lockhart	M408	FL Apopka Ops / FL Longwood Ops	8,038	OH
1.6.74	Lockhart	M408	FL Winter Garden Ops	176,836	OH
1.6.75	Lockhart	M414	FL Apopka Ops	56,266	OH
1.6.76	Lockhart	M414	FL Winter Garden Ops	72,342	OH
1.6.77	Piedmont	M471	FL Apopka Ops	120,570	OH
1.6.78	Piedmont	M472	FL Apopka Ops	200,950	OH
1.6.79	Piedmont	M472	FL Apopka Ops / FL Longwood Ops	56,266	OH
1.6.80	Piedmont	M473	FL Apopka Ops	297,405	OH
1.6.81	Piedmont	M474	FL Apopka Ops	160,760	OH
1.6.82	Piedmont	M474	FL Apopka Ops	64,304	OH
1.6.83	Piedmont	M475	FL Apopka Ops	225,063	OH
1.6.84	Piedmont	M476	FL Apopka Ops	144,684	OH
1.6.85	Piedmont	M477	FL Apopka Ops	233,101	OH
1.6.86	Piedmont	M478	FL Apopka Ops	88,418	OH
1.6.87	Piedmont	M478	FL Apopka Ops	184,874	OH
1.6.88	Welch Road	M542	FL Apopka Ops	466,203	OH
1.6.89	Welch Road	M543	FL Apopka Ops	120,570	OH
1.6.90	Welch Road	M545	FL Apopka Ops	192,912	OH
1.6.91	Welch Road	M548	FL Apopka Ops	281,329	OH
1.6.92	Welch Road	M550	FL Apopka Ops	64,304	OH
1.6.93	Welch Road	M552	FL Apopka Ops	200,950	OH
1.6.94	Welch Road	M554	FL Apopka Ops	168,798	OH
1.6.95	Wolf Lake	M563	FL Apopka Ops	64,304	OH
1.6.96	Wolf Lake	M564	FL Apopka Ops	144,684	OH
1.6.97	Plymouth South	M702	FL Apopka Ops	249,177	OH
1.6.98	Plymouth South	M704	FL Apopka Ops	112,532	OH
1.6.99	Plymouth South	M706	FL Apopka Ops	56,266	OH
1.6.100	Plymouth South	M707	FL Apopka Ops	200,950	OH
	SUBTOTAL			7,338,684	

20220050-DEF-005060

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 3P
Page 9 of 15
Page 32 of 84

Line	Capital Activities		Capital Expenditures	OH or UG
1.	Distribution			
1.6	Lateral Hardening Pole Replacements			
	Substation	Feeder	Operations Center	OH / UG
1.6.101	Apopka South	M720	FL Apopka Ops	426,013 OH
1.6.102	Apopka South	M721	FL Apopka Ops	176,836 OH
1.6.103	Apopka South	M722	FL Apopka Ops	168,798 OH
1.6.104	Apopka South	M723	FL Apopka Ops	393,861 OH
1.6.105	Apopka South	M724	FL Apopka Ops	265,253 OH
1.6.106	Apopka South	M725	FL Apopka Ops	112,532 OH
1.6.107	Apopka South	M726	FL Apopka Ops	208,987 OH
1.6.108	Apopka South	M727	FL Apopka Ops	345,633 OH
1.6.109	Madison	N1	FL Apopka Ops / FL Winter Garden Ops	1,189,621 OH
1.6.110	Madison	N2	FL Apopka Ops / FL Winter Garden Ops	586,773 OH
1.6.111	Port St Joe	N201	FL Apopka Ops / FL Winter Garden Ops	8,038 OH
1.6.112	Port St Joe	N203	FL Apopka Ops / FL Winter Garden Ops	48,228 OH
1.6.113	East Point	N230	FL Apopka Ops / FL Winter Garden Ops	385,823 OH
1.6.114	East Point	N231	FL Apopka Ops / FL Winter Garden Ops	860,064 OH
1.6.115	Madison	N3	FL Apopka Ops / FL Winter Garden Ops	916,330 OH
1.6.116	Suwannee	N323	FL Apopka Ops / FL Winter Garden Ops	112,532 OH
1.6.117	Suwannee	N323	FL Apopka Ops / FL Winter Garden Ops	32,152 OH
1.6.118	Suwannee	N324	FL Apopka Ops / FL Winter Garden Ops	32,152 OH
1.6.119	Suwannee	N325	FL Apopka Ops / FL Winter Garden Ops	8,038 OH
1.6.120	Madison	N4	FL Apopka Ops / FL Winter Garden Ops	257,215 OH
1.6.121	Beacon Hill	N515	FL Apopka Ops / FL Winter Garden Ops	136,646 OH
1.6.122	Beacon Hill	N516	FL Apopka Ops / FL Winter Garden Ops	257,215 OH
1.6.123	Port St Joe	N52	FL Apopka Ops / FL Winter Garden Ops	361,709 OH
1.6.124	Beacon Hill	N527	FL Apopka Ops / FL Winter Garden Ops	8,038 OH
1.6.125	Beacon Hill	N527	FL Apopka Ops / FL Winter Garden Ops	409,937 OH
1.6.126	Port St Joe	N53	FL Apopka Ops / FL Winter Garden Ops	458,165 OH
1.6.127	Port St Joe	N54	FL Apopka Ops / FL Winter Garden Ops	361,709 OH
1.6.128	Port St Joe	N55	FL Apopka Ops / FL Winter Garden Ops	48,228 OH
1.6.129	Indian Pass	N556	FL Apopka Ops / FL Winter Garden Ops	48,228 OH
1.6.130	Indian Pass	N556	FL Apopka Ops / FL Winter Garden Ops	546,583 OH
1.6.131	Crossroads	X132	FL St Pete Ops	16,076 OH
1.6.132	Crossroads	X132	FL St Pete Ops / FL Walsingham Ops	96,456 OH
1.6.133	Crossroads	X133	FL St Pete Ops	112,532 OH
1.6.134	Crossroads	X133	FL St Pete Ops / FL Walsingham Ops	208,987 OH
1.6.135	Crossroads	X134	FL St Pete Ops	136,646 OH
1.6.136	Crossroads	X135	FL St Pete Ops	554,621 OH
1.6.137	Crossroads	X136	FL St Pete Ops	192,912 OH
1.6.138	Crossroads	X138	FL St Pete Ops	128,608 OH
1.6.139	Bayboro	X16	FL St Pete Ops	739,494 OH
1.6.140	Bayboro	X19	FL St Pete Ops	16,076 OH
1.6.141	Bayboro	X21	FL St Pete Ops	795,760 OH
1.6.142	Pilsbury	X252	FL St Pete Ops	337,595 OH
1.6.143	Pilsbury	X253	FL St Pete Ops	64,304 OH
1.6.144	Pilsbury	X254	FL St Pete Ops	434,051 OH
1.6.145	Pilsbury	X255	FL St Pete Ops	482,279 OH
1.6.146	Pilsbury	X256	FL St Pete Ops	56,266 OH
1.6.147	Pilsbury	X257	FL St Pete Ops	514,431 OH
1.6.148	Pilsbury	X258	FL St Pete Ops	361,709 OH
1.6.149	Pilsbury	X259	FL St Pete Ops	434,051 OH
1.6.150	Central Plaza	X262	FL St Pete Ops	827,912 OH
	SUBTOTAL			15,682,103

20220050-DEF-005061

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Mendez
Exh. No. ____ (CAM-2)
Form 3P
Page 10 of 15
Page 33 of 84

Line	Capital Activities			Capital Expenditures	OH or UG
1.	Distribution				
1.6	Lateral Hardening Pole Replacements				
	Substation	Feeder	Operations Center		OH / UG
1.6.151	Central Plaza	X264	FL St Pete Ops	184,874	OH
1.6.152	Central Plaza	X265	FL St Pete Ops	345,633	OH
1.6.153	Central Plaza	X266	FL St Pete Ops	8,038	OH
1.6.154	Central Plaza	X267	FL St Pete Ops	755,570	OH
1.6.155	Central Plaza	X268	FL St Pete Ops	683,228	OH
1.6.156	Northeast	X282	FL St Pete Ops	8,038	OH
1.6.157	Northeast	X282	FL St Pete Ops / FL Walsingham Ops	8,038	OH
1.6.158	Northeast	X283	FL St Pete Ops	64,304	OH
1.6.159	Northeast	X284	FL St Pete Ops	160,760	OH
1.6.160	Northeast	X285	FL St Pete Ops	514,431	OH
1.6.161	Northeast	X286	FL St Pete Ops	385,823	OH
1.6.162	Northeast	X287	FL St Pete Ops	48,228	OH
1.6.163	Northeast	X288	FL St Pete Ops	313,481	OH
1.6.164	Northeast	X289	FL St Pete Ops	40,190	OH
1.6.165	Northeast	X290	FL St Pete Ops	80,380	OH
1.6.166	Northeast	X291	FL St Pete Ops	16,076	OH
1.6.167	Fortieth Street	X81	FL St Pete Ops	233,101	OH
1.6.168	Fortieth Street	X82	FL St Pete Ops	353,671	OH
1.6.169	Fortieth Street	X83	FL St Pete Ops	361,709	OH
1.6.170	Fortieth Street	X83	FL St Pete Ops / FL Walsingham Ops	200,950	OH
1.6.171	Fortieth Street	X84	FL St Pete Ops	651,076	OH
1.6.172	Fortieth Street	X85	FL St Pete Ops	297,405	OH
	SUBTOTAL			5,715,004	
	TOTAL			41,339,343	
1.8	SOG Automation				
1.8.1	Frostproof	110/K101	FL Lake Wales Ops	135,214	OH
1.8.2	Central Park	121/K495	FL SE Orlando Ops	236,389	OH
1.8.3	Cabbage Island	122/K1616	FL Lake Wales Ops	368,767	OH
1.8.4	Umatilla	123/M4405	FL Apopka Ops	198,567	OH
1.8.5	Lake Bryan	124/K232	FL Buena Vista Ops	217,478	OH
1.8.6	Georgia Pacific	126/A45	FL Ocala Ops	264,756	OH
1.8.7	Denham	130/C152	FL Seven Springs Ops	66,189	OH
1.8.8	Lockwood	191/W0482	FL Jamestown Ops	245,844	OH
1.8.9	Orangewood	196/K228	FL Buena Vista Ops	293,122	OH
1.8.10	Eatonville	197/M1137	FL Apopka Ops / FL Longwood Ops	797,103	OH
1.8.11	Altamonte	203/M573	FL Apopka Ops / FL Longwood Ops	236,389	OH
1.8.12	Hunters Creek	206/K40	FL Buena Vista Ops	444,411	OH
1.8.13	Bayway	210/X100	FL St Pete Ops	625,958	OH
1.8.14	Casselberry	217/W0017	FL Jamestown Ops	614,611	OH
1.8.15	Oviedo	218/W0176	FL Jamestown Ops	371,603	OH
1.8.16	Circle Square	228/A250	FL Inverness Ops	245,844	OH
1.8.17	Tangerine	229/A263	FL Inverness Ops	219,369	OH
1.8.18	Tangerine	230/A262	FL Inverness Ops	198,567	OH
1.8.19	Crystal River South	231/A159	FL Inverness Ops	616,502	OH
1.8.20	Twin County Ranch	232/A216	FL Inverness Ops	398,079	OH
1.8.21	Eatonville	234/M1131	FL Apopka Ops / FL Longwood Ops	503,981	OH
1.8.22	Lake Emma	237/M422	FL Apopka Ops / FL Longwood Ops	674,181	OH
1.8.23	Central Plaza	246/X265	FL St Pete Ops	240,171	OH
1.8.24	Largo	257/J402	FL Clearwater Ops	285,558	OH
1.8.25	Maximo	260/X146	FL St Pete Ops	529,511	OH
1.8.26	Cross Bayou	262/J141	FL Walsingham Ops	198,567	OH
	SUBTOTAL			9,226,731	

20220050-DEF-005062

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 3P
Page 11 of 15
Page 34 of 84

Line	Capital Activities		Capital Expenditures	OH or UG
1. Distribution				
1.8	SOG Automation (continued)			
	Substation	Feeder	Operations Center	OH / UG
1.8.27	Tarpon Springs	267/C307	FL Seven Springs Ops	529,511 OH
1.8.28	Dunedin	269/C106	FL Clearwater Ops	504,927 OH
1.8.29	Longwood	275/M144	FL Apopka Ops / FL Longwood Ops	433,064 OH
1.8.30	Lake Wilson	279/K882	FL Buena Vista Ops	302,578 OH
1.8.31	Bay Hill	284/K67	FL Buena Vista Ops	548,422 OH
1.8.32	Montverde	288/K4845	FL Clermont Ops	529,511 OH
1.8.33	Bonnet Creek	289/K1231	FL Buena Vista Ops	1,051,458 OH
1.8.34	Eustis South	291/M1054	FL Apopka Ops	1,014,581 OH
1.8.35	Wekiva	293/M101	FL Apopka Ops	512,491 OH
1.8.36	Dinner Lake	296/K1687	FL Highlands Ops	330,944 OH
1.8.37	Country Oaks	297/K1443	FL Lake Wales Ops	661,889 OH
1.8.38	Lisbon	298/M1518	FL Apopka Ops	132,378 OH
1.8.39	Sunflower	433/W0470	FL Jamestown Ops	22,693 OH
1.8.40	Hunters Creek	435/K42	FL Buena Vista Ops	491,689 OH
1.8.41	Hemple	491/K2244	FL Winter Garden Ops	1,330,397 OH
1.8.42	Deland	499/W0805	FL Deland Ops	2,515,178 OH
1.8.43	Pasadena	513/X215	FL St Pete Ops	1,392,803 OH
1.8.44	Fifty-First Street	602/X102	FL St Pete Ops	3,375,633 OH
1.8.45	Oakhurst	611/J221	FL Walsingham Ops	1,323,778 OH
1.8.46	Port Richey West	616/C202	FL Seven Springs Ops	2,344,032 OH
1.8.47	Port Richey West	618/C206	FL Seven Springs Ops	2,280,680 OH
1.8.48	Fifty-First Street	620/X101	FL St Pete Ops / FL Walsingham Ops	2,090,623 OH
1.8.49	Oakhurst	626/J223	FL Walsingham Ops	2,316,611 OH
1.8.50	Fifty-First Street	656/X104	FL St Pete Ops	950,283 OH
1.8.51	Pinecastle	700/K396	FL SE Orlando Ops	1,837,214 OH
1.8.52	Pinecastle	701/W391	FL SE Orlando Ops	1,323,778 OH
1.8.53	Sky Lake	702/W0368	FL SE Orlando Ops	1,787,100 OH
1.8.54	Sky Lake	711/W0362	FL SE Orlando Ops	860,456 OH
1.8.55	Crown Point	712/K279	FL Winter Garden Ops	1,389,967 OH
1.8.56	Crown Point	713/K278	FL Winter Garden Ops	794,267 OH
1.8.57	Hemple	717/K2249	FL Winter Garden Ops	1,140,340 OH
1.8.58	Boggy Marsh	720/K958	FL Buena Vista Ops	189,111 OH
1.8.59	Hemple	748/K2246	FL Winter Garden Ops / FL Buena Vista Ops	1,267,044 OH
1.8.60	Westridge	749/K426	FL Buena Vista Ops	323,380 OH
1.8.61	Lake Bryan	416 (Rev 1)/K2	FL Buena Vista Ops / FL Winter Garden Ops	96,447 OH
1.8.62	Hemple	421 (Rev 1)/K2	FL Winter Garden Ops	274,211 OH
1.8.63	Champions Gate	427 (Rev 1)/K1	FL Buena Vista Ops / FL Lake Wales Ops	170,200 OH
1.8.64	Cross Bayou	J148	FL Walsingham Ops	264,756 OH
1.8.65	St. George Island	N233	FL Monticello Ops	132,378 OH
1.8.66	Sky Lake	W0366	FL SE Orlando Ops	66,189 OH
1.8.67	Boggy Marsh	K959	FL Buena Vista Ops	66,189 OH
1.8.68	St. George Island	N234	FL Monticello Ops	66,189 OH
1.8.69	Deland East	W1104	FL Deland Ops	132,378 OH
1.8.70	Deland East	W1109	FL Deland Ops	66,189 OH
1.8.71	Engineering/Materials for 2023 Projects			2,790,332 OH
	SUBTOTAL		42,024,269	
	TOTAL		51,251,000	

20220050-DEF-005063

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 3P
Page 12 of 15
Page 35 of 84

Line	Capital Activities			Capital Expenditures	OH or UG
1.	Distribution				
1.9	SOG Capacity & Connectivity				
	Substation	Feeder	Operations Center		OH / UG
1.9.1	Frostproof	110/K101	FL Lake Wales Ops	2,785,920	OH
1.9.2	Central Park	121/K495	FL SE Orlando Ops	220,552	OH
1.9.3	Fern Park	203/M0907	FL Apopka Ops / FL Longwood Ops	313,416	OH
1.9.4	Bayway	210/X99	FL St Pete Ops	855,510	OH
1.9.5	Oviedo	218/W703	FL Jamestown Ops	162,512	OH
1.9.6	Circle Square	228/A250	FL Inverness Ops	23,216	OH
1.9.7	Tangerine	230/A262	FL Inverness Ops	2,391,248	OH
1.9.8	Citrus Hills	231/A285	FL Inverness Ops	2,446,386	OH
1.9.9	Ulmerton West	257/J682	FL Clearwater Ops	153,922	OH
1.9.10	Dunedin	269/C106	FL Clearwater Ops	548,014	OH
1.9.11	Winter Springs	275/W0196	FL Jamestown Ops	14,510	OH
1.9.12	Bonnet Creek	289/K973	FL Buena Vista Ops	301,808	OH
1.9.13	Eustis	291/M499	FL Apopka Ops	790,621	OH
1.9.14	Dinner Lake	296/K1687	FL Highlands Ops	319,220	OH
1.9.15	Dundee	297/K3246	FL Lake Wales Ops	371,456	OH
1.9.16	Pasadena	513/X215	FL St Pete Ops	1,451,000	OH
1.9.17	Maximo	602/X149	FL St Pete Ops	1,044,720	OH
1.9.18	Port Richey West	616/C202	FL Seven Springs Ops	1,130,619	OH
1.9.19	Disston	620/X62	FL St Pete Ops / FL Walsingham Ops	2,454,512	OH
1.9.20	Conway	702/W0408	FL SE Orlando Ops	632,520	OH
1.9.21	Sky Lake	711/W0369	FL SE Orlando Ops	249,572	OH
1.9.22	Islesworth	748/K779	FL Winter Garden Ops / FL Buena Vi	588,758	OH
1.9.23	West Ridge	749/K427	FL Buena Vista Ops	1,033,112	OH
1.9.24	Islesworth	416 (Rev 1)/K782	FL Buena Vista Ops / FL Winter Gard	69,648	OH
1.9.25	Hemple	421 (Rev 1)/K2250	FL Winter Garden Ops	719,696	OH
1.9.26	Barnum City	427 (Rev 1)/K3362	FL Buena Vista Ops / FL Lake Wales	1,427,784	OH
1.9.27	Engineering/Materials for 2023 Projects			759,829	OH
	TOTAL			23,260,080	
1.10	Underground Flood Mitigation				
1.10.1	Port Richey West	C209	FL Seven Springs Ops	251,356	UG
1.10.2	Port Richey West	C210	FL Seven Springs Ops	251,357	UG
	TOTAL			502,713	

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 3P
Page 13 of 15
Page 36 of 84

Line	Capital Activities	Capital Expenditures	OH or UG
2.	Transmission		
2.1	Structure Hardening - Pole Replacements		OH / UG
2.1.1	LINE 16TH ST - 40TH ST 115KV	57,303	OH
2.1.2	LINE ALAFAYA - OVIEDO 69KV	114,606	OH
2.1.3	LINE ALAFAYA - UCF 69KV	286,515	OH
2.1.4	LINE ALTAMONTE - CASSELBERRY 69KV	171,909	OH
2.1.5	LINE ALTAMONTE - DOUGLAS AVE 69KV	916,848	OH
2.1.6	LINE AVALON - CLERMONT EAST 69KV	1,031,454	OH
2.1.7	LINE AVON PARK NORTH - FROSTPROOF 69KV	1,317,969	OH
2.1.8	LINE AVON PARK PL - DESOTO CITY 69KV	5,099,967	OH
2.1.9	LINE AVON PARK PL - WAUCHULA 69KV	4,125,816	OH
2.1.10	LINE BARCOLA - FT MEADE 69KV	1,375,272	OH
2.1.11	LINE BARNUM CITY - WESTRIDGE 69KV	1,547,181	OH
2.1.12	LINE BAY RIDGE - KELLY PK 69KV	1,146,060	OH
2.1.13	LINE BAY RIDGE - SORRENTO 69KV	1,489,878	OH
2.1.14	LINE BAYBORO - 16TH ST 115KV	1,098,727	OH
2.1.15	LINE BEVERLY HILLS - LECANTO 115KV	401,121	OH
2.1.16	LINE BLICHTON SEC 69KV TAPLINE	1,680,406	OH
2.1.17	LINE BOGGY MARSH - WESTRIDGE 69KV	515,727	OH
2.1.18	LINE BRADFORDVILLE WEST - TIE #3 (CITY OF TALLAH) 115KV	1,088,757	OH
2.1.19	LINE BROOKSVILLE - INVERNESS 69KV - WILDWOOD	458,424	OH
2.1.20	LINE BROOKSVILLE WEST - HUDSON 115KV	802,242	OH
2.1.21	LINE CAMP LAKE - CLERMONT 69KV	1,375,272	OH
2.1.22	LINE CAMPS SECTION SEVEN 69KV TAPLINE	64,631	OH
2.1.23	LINE CARRABELLE - GUMBAY 69KV	171,909	OH
2.1.24	LINE CASSADAGA - DELTONA 115KV	1,146,060	OH
2.1.25	LINE CASSADAGA - SMYRNA UTILITIES 115KV	630,333	OH
2.1.26	LINE CASSELBERRY - LAKE ALOMA 69KV	1,375,272	OH
2.1.27	LINE CASSELBERRY - WINTER PARK EAST 69KV	687,636	OH
2.1.28	LINE CENTRAL FLA - LEESBURG (CFLE) 69KV	1,432,575	OH
2.1.29	LINE CHIEFLAND-GA PACIFIC 69KV	630,333	OH
2.1.30	LINE CLARCONA - OCOEE 69KV	1,547,181	OH
2.1.31	LINE CLERMONT - CLERMONT EAST 69KV	114,606	OH
2.1.32	LINE CROSS CITY - OLD TOWN NORTH SW STA 69KV	1,948,302	OH
2.1.33	LINE CROSS CITY - WILCOX 69KV	1,432,575	OH
2.1.34	LINE CRYSTAL RIVER SOUTH - HOMOSASSA 115KV RADIAL (TROPIC TERRACE NO)	3,094,362	OH
2.1.35	LINE CYPRESSWOOD - DUNDEE 69KV	646,310	OH
2.1.36	LINE DALLAS AIRPORT - WILDWOOD 69KV	57,303	OH
2.1.37	LINE DAVENPORT - HAINES CITY 69KV	2,349,423	OH
2.1.38	LINE DEBARY PL - LAKE EMMA 230KV	517,048	OH
2.1.39	LINE DEBARY PL - ORANGE CITY 230KV	630,333	OH
2.1.40	LINE DEBARY PL - SANFORD (FP&L) 230KV	64,631	OH
2.1.41	LINE DELAND EAST - DELAND (FPL) 115KV	2,391,347	OH
2.1.42	LINE DELAND WEST - ORANGE CITY 230KV	1,203,363	OH
2.1.43	LINE DESOTO CITY - LAKE PLACID NORTH 69KV	2,521,332	OH
2.1.44	LINE DISSTON - STARKEY ROAD 69KV	840,203	OH
2.1.45	LINE DOUGLAS AVE - SPRING LAKE 69KV	515,727	OH
2.1.46	LINE DUNDEE - LAKE MARION 69KV	859,545	OH
2.1.47	LINE DUNNELLON TOWN - HOLDER 69KV	3,037,059	OH
2.1.48	LINE DUNNELLON TOWN - RAINBOW LK EST SEC 69KV RADIAL	581,679	OH
2.1.49	LINE EATONVILLE - SPRING LAKE 69KV	630,333	OH
2.1.50	LINE EATONVILLE - WINTER PARK 69KV	802,242	OH
2.1.51	LINE EATONVILLE - WOODSMERE 69KV	401,121	OH
	SUBTOTAL	58,426,228	

20220050-DEF-005065

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 3P
Page 14 of 15
Page 37 of 84

Line	Capital Activities	Capital Expenditures	OH or UG
2.	Transmission		
2.1	Structure Hardening - Pole Replacements (continued)		OH / UG
2.1.52	LINE ENOLA - UMATILLA 69KV	343,818	OH
2.1.53	LINE EUSTIS SOUTH - MT DORA 69KV	573,030	OH
2.1.54	LINE FISHEATING CREEK - LAKE PLACID 69KV	3,094,362	OH
2.1.55	LINE FROSTPROOF - LAKE WALES 69KV	1,948,302	OH
2.1.56	LINE FT GREEN SPRINGS - DUETTE PREC 69KV RADIAL	1,098,727	OH
2.1.57	LINE FT MEADE - HOMELAND 69KV	1,661,787	OH
2.1.58	LINE GINNIE - TRENTON 69KV	4,469,634	OH
2.1.59	LINE HAINES CITY - HAINES CITY EAST 69KV	515,727	OH
2.1.60	LINE IDYLWILD - UNIVERSITY FLA 69KV	64,631	OH
2.1.61	LINE INTERCESSION CITY PL - CABBAGE ISLAND 69KV	229,212	OH
2.1.62	LINE JASPER - OCC SWIFT CREEK #1 115KV	343,818	OH
2.1.63	LINE KATHLEEN - ZEPHYRHILLS NORTH 230KV	323,155	OH
2.1.64	LINE KELLY PARK - MT DORA 69KV	859,545	OH
2.1.65	LINE LAKE ALOMA - WINTER PARK EAST 69KV	458,424	OH
2.1.66	LINE LAKE BRYAN - DISNEY WORLD LAKE BUENA VISTA 69KV	171,909	OH
2.1.67	LINE LAKE BRYAN WORLD GATEWAY 69KV	859,545	OH
2.1.68	LINE LEESBURG - OKAHUMPKA 69KV	2,177,514	OH
2.1.69	LINE LEISURE LAKES 69KV TAPLINE	387,786	OH
2.1.70	LINE LOCKHART - WOODSMERE 230KV	1,375,272	OH
2.1.71	LINE MAITLAND - SPRING LAKE 69KV	387,786	OH
2.1.72	LINE MAITLAND - WINTER PARK 69KV	515,727	OH
2.1.73	LINE MARTIN WEST - SILVER SPRINGS 69KV	1,948,302	OH
2.1.74	LINE MCINTOSH 69KV TAPLINE	710,941	OH
2.1.75	LINE MEADOW WOODS SOUTH - HUNTER CREEK 69KV	1,031,454	OH
2.1.76	LINE MEADWDS SOUTH - TAFT 69KV	2,062,908	OH
2.1.77	LINE MONTICELLO - MONTICELLO TREC 69KV RADIAL	64,631	OH
2.1.78	LINE NORTH BARTOW - ORANGE SWITCHING STA 69KV	1,890,999	OH
2.1.79	LINE OCC SWIFT CREEK #1 - SUWANNEE RIVER 115KV	1,948,302	OH
2.1.80	LINE OCCIDENTAL SWIFT CREEK #1 - OCCIDENTAL METERING 115KV	1,317,969	OH
2.1.81	LINE ODESSA - TARPON SPRINGS 69KV	744,939	OH
2.1.82	LINE OKAHUMPKA - LAKE COUNTY RR 69KV	573,030	OH
2.1.83	LINE ORANGEWOOD - SHINGLE CREEK 69KV	57,303	OH
2.1.84	LINE OVIEDO - WINTER SPRINGS 69KV	1,833,696	OH
2.1.85	LINE PARKWAY - ORLANDO COGEN LTD 69KV	258,524	OH
2.1.86	LINE PIEDMONT - PLYMOUTH 69KV	1,948,302	OH
2.1.87	LINE PIEDMONT - SPRING LAKE 69KV	1,146,060	OH
2.1.88	LINE PIEDMONT - WOODSMERE 230KV	1,203,363	OH
2.1.89	LINE PLYMOUTH - ZELLWOOD 69KV	57,303	OH
2.1.90	LINE RIO PINAR PL - EAST ORANGE 69KV	2,349,423	OH
2.1.91	LINE SORRENTO - WELCH ROAD 230KV	840,203	OH
2.1.92	LINE ST JOHNS (SEC) - UMATILLA (SEC) 69KV	2,120,211	OH
2.1.93	LINE SUWANNEE RIVER PL - MADISON 115KV	630,333	OH
2.1.94	LINE SUWANNEE RIVER PL - TWIN LAKES (GA PWR) 115KV	1,375,272	OH
2.1.95	LINE TURNER PL - DELTONA 115KV	401,121	OH
2.1.96	LINE TURNER PL - DELTONA EAST 115KV	630,333	OH
2.1.97	LINE TURNER PL - ORANGE CITY 115KV	916,848	OH
2.1.98	LINE UCF - WINTER PARK EAST 69KV	2,578,635	OH
2.1.99	LINE VANDOLAH - MYAKKA PREC 69KV RADIAL	1,551,144	OH
2.1.100	LINE VANDOLAH - WAUCHULA 69KV	4,469,634	OH
2.1.101	LINE WHITE SPRINGS 115KV TAPLINE	1,163,358	OH
2.1.102	LINE WINDERMERE - WOODSMERE 230KV	916,848	OH
2.1.103	Engineering/Materials for 2023 Projects	2,144,702	OH
	SUBTOTAL	62,745,802	
	TOTAL	121,172,030	

20220050-DEF-005066

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Initial Projection
Projected Period: January 2022 through December 2022
Project Listing by Each Capital Program

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 3P
Page 15 of 15
Page 38 of 84

Line	Capital Activities		Capital Expenditures	OH or UG
2. Transmission				
2.3	Structure Hardening - GOAB Automation	Line ID		OH / UG
2.3.1	City of Fort Meade Tap		416,000	OH
2.3.2	Taunton Road Tap		416,000	OH
2.3.3	Lakewood Tap		500,000	OH
2.3.4	Shadeville TEC Tap		1,029,000	OH
2.3.5	Engineering/Materials for 2023 Projects		175,000	OH
	TOTAL		2,536,000	
2.4	Structure Hardening - Tower Upgrades			
2.4.1	Suwannee – Fort White Ckt 2	(SF2)	1,846,154	OH
2.4.2	Crawfordville – St Marks East 230kV	(CP)	2,153,846	OH
2.4.3	Engineering/Materials for 2023 Projects		200,000	OH
	TOTAL		4,200,000	
2.5	Structure Hardening - Cathodic Protection			
2.5.1	Crystal River - Central Florida	(CCF)	820,000	OH
2.5.2	Crystal River - Curlew	(CC)	738,000	OH
	TOTAL		1,558,000	
2.7	Structure Hardening - Overhead Ground Wires			
2.7.1	Ft Meade – City of Ft Meade Tap 69kV Line	(FMB-1)	125,000	OH
2.7.2	Wauchula Tap – Wauchula 69kV Line	(APW-4)	223,626	OH
2.7.3	Taunton Road-Parnel Road PREC 69kV Line	(APW-2)	782,691	OH
2.7.4	Avon Park – Taunton Road 69kV Line	(APW)	335,439	OH
2.7.5	Ft. White - Newberry 230KV	(CF-3)	2,683,512	OH
2.7.6	Engineering/Materials for 2023 Projects		350,000	OH
	TOTAL		4,500,268	
2.8	Substation Hardening - Breaker Replacements & Electromechanical Relays			
2.8.1	Zephyrhills - Replace TLINE relays for Zephyrhills North		1,300,000	OH
2.8.2	East Lake Wales- Replace TLINE relay for Peace River REA		1,300,000	OH
2.8.3	Magnolia Ranch - Replace TBUS relays		1,500,000	OH
2.8.4	Dunnellon- Replace TBUS #2 relays		1,300,000	OH
2.8.5	SPP Frostproof – Replace D-Oil Bkr #4246		222,720	OH
2.8.6	Cassadaga - Replace T-Oil Breaker #4736 & Relays		1,600,000	OH
2.8.7	Engineering/Materials for 2023 Projects		280,000	OH
	TOTAL		7,502,720	

20220050-DEF-005067

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
Projected Period: January 2022 through December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 4P
Page 1 of 43
Page 39 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution - (FERC 364)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$5,307,122	\$7,076,162	\$8,845,203	\$8,845,203	\$7,076,162	\$6,191,642	\$5,307,122	\$5,307,122	\$5,307,122	\$7,960,682	\$7,076,162	\$5,307,122	\$79,606,824
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	76,758,106
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$50,231,526	50,231,526	50,231,526	50,231,526	50,231,526	50,231,526	50,231,526	50,231,526	50,231,526	50,231,526	50,231,526	50,231,526	126,989,631	
3	Less: Accumulated Depreciation	(\$733,231)	(909,041)	(1,084,851)	(1,260,662)	(1,436,472)	(1,612,282)	(1,788,093)	(1,963,903)	(2,139,713)	(2,315,524)	(2,491,334)	(2,667,144)	(2,842,955)	
4	CWIP - Non-Interest Bearing	\$2,478,463	7,785,585	14,861,747	23,706,950	32,552,153	39,628,315	45,819,957	51,127,078	56,434,200	61,741,322	69,702,004	76,778,166	5,327,182	
5	Net Investment (Lines 2 + 3 + 4)	\$51,976,758	\$57,108,070	\$64,008,421	\$72,677,814	\$81,347,206	\$88,247,558	\$94,263,390	\$99,394,701	\$104,526,012	\$109,657,323	\$117,442,195	\$124,342,547	\$129,473,858	
6	Average Net Investment		\$54,542,414	\$60,558,245	\$68,343,117	\$77,012,510	\$84,797,382	\$91,255,474	\$96,829,045	\$101,960,357	\$107,091,668	\$113,549,759	\$120,892,371	\$126,908,203	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$77,041	\$85,539	\$96,535	\$108,780	\$119,776	\$128,898	\$136,771	\$144,019	\$151,267	\$160,389	\$170,760	\$179,258	1,559,034
	b. Equity Component Grossed Up For Taxes	5.89%	\$267,621	\$297,139	\$335,337	\$377,875	\$416,072	\$447,760	\$475,108	\$500,285	\$525,463	\$557,151	\$593,179	\$622,696	5,415,687
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	4.2%	\$175,810	\$175,810	\$175,810	\$175,810	\$175,810	\$175,810	\$175,810	\$175,810	\$175,810	\$175,810	\$175,810	\$175,810	2,109,724
	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	0.007460	\$31,228	\$31,228	\$31,228	\$31,228	\$31,228	\$31,228	\$31,228	\$31,228	\$31,228	\$31,228	\$31,228	\$78,946	422,451
	e. Other (D)	4.2%	(1,513)	(1,513)	(1,513)	(1,513)	(1,513)	(1,513)	(1,513)	(1,513)	(1,513)	(1,513)	(1,513)	(1,513)	(18,154)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$550,188	\$588,203	\$637,397	\$692,180	\$741,374	\$782,184	\$817,404	\$849,830	\$882,255	\$923,065	\$969,464	\$1,055,198	\$9,488,741
	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		\$550,188	\$588,203	\$637,397	\$692,180	\$741,374	\$782,184	\$817,404	\$849,830	\$882,255	\$923,065	\$969,464	\$1,055,198	\$9,488,741
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		\$50,188	\$88,203	\$637,397	\$692,180	\$741,374	\$782,184	\$817,404	\$849,830	\$882,255	\$923,065	\$969,464	\$1,055,198	\$9,488,741
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$550,188	\$588,203	\$637,397	\$692,180	\$741,374	\$782,184	\$817,404	\$849,830	\$882,255	\$923,065	\$969,464	\$1,055,198	\$9,488,741

Notes:

(A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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 Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 4P
Page 2 of 43
Page 40 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution - (FERC 365)
(in Dollars)

Utility Account
365

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$663,390	\$884,520	\$1,105,650	\$1,105,650	\$884,520	\$773,955	\$663,390	\$663,390	\$663,390	\$995,085	\$884,520	\$663,390	\$9,950,853
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	9,594,763
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$6,278,941	6,278,941	6,278,941	6,278,941	6,278,941	6,278,941	6,278,941	6,278,941	6,278,941	6,278,941	6,278,941	6,278,941	15,873,704	
3	Less: Accumulated Depreciation	(\$58,920)	(73,048)	(87,176)	(101,303)	(115,431)	(129,558)	(143,686)	(157,814)	(171,941)	(186,069)	(200,196)	(214,324)	(228,452)	
4	CWIP - Non-Interest Bearing	\$309,808	973,198	1,857,718	2,963,369	4,069,019	4,953,539	5,727,495	6,390,885	7,054,275	7,717,665	8,712,750	9,597,271	665,898	
5	Net Investment (Lines 2 + 3 + 4)	\$6,529,828	\$7,179,091	\$8,049,483	\$9,141,006	\$10,232,529	\$11,102,922	\$11,862,749	\$12,512,012	\$13,161,274	\$13,810,537	\$14,791,495	\$15,661,887	\$16,311,150	
6	Average Net Investment		\$6,854,460	\$7,614,287	\$8,595,245	\$9,686,768	\$10,667,725	\$11,482,835	\$12,187,381	\$12,836,643	\$13,485,906	\$14,301,016	\$15,226,691	\$15,986,519	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$9,682	\$10,755	\$12,141	\$13,683	\$15,068	\$16,220	\$17,215	\$18,132	\$19,049	\$20,200	\$21,508	\$22,581	196,232
	b. Equity Component Grossed Up For Taxes	5.89%	\$33,633	\$37,361	\$42,174	\$47,530	\$52,343	\$56,342	\$59,799	\$62,985	\$66,171	\$70,170	\$74,712	\$78,441	681,661
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	2.7%	\$14,128	\$14,128	\$14,128	\$14,128	\$14,128	\$14,128	\$14,128	\$14,128	\$14,128	\$14,128	\$14,128	\$14,128	169,531
	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	0.007460	\$3,903	\$3,903	\$3,903	\$3,903	\$3,903	\$3,903	\$3,903	\$3,903	\$3,903	\$3,903	\$3,903	\$9,868	52,806
	e. Other (D)	2.7%	(1,719)	(1,719)	(1,719)	(1,719)	(1,719)	(1,719)	(1,719)	(1,719)	(1,719)	(1,719)	(1,719)	(1,719)	(20,625)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$59,627	\$64,428	\$70,627	\$77,525	\$83,723	\$88,874	\$93,326	\$97,429	\$101,532	\$106,683	\$112,532	\$123,299	\$1,079,606
	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		\$59,627	\$64,428	\$70,627	\$77,525	\$83,723	\$88,874	\$93,326	\$97,429	\$101,532	\$106,683	\$112,532	\$123,299	\$1,079,606
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		\$9,627	\$64,428	\$70,627	\$77,525	\$83,723	\$88,874	\$93,326	\$97,429	\$101,532	\$106,683	\$112,532	\$123,299	\$1,079,606
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$59,627	\$64,428	\$70,627	\$77,525	\$83,723	\$88,874	\$93,326	\$97,429	\$101,532	\$106,683	\$112,532	\$123,299	\$1,079,606

Notes:

(A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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 Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 3 of 43
Page 41 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution - (FERC 368)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$60,308	\$80,411	\$100,514	\$100,514	\$80,411	\$70,360	\$60,308	\$60,308	\$60,308	\$90,462	\$80,411	\$60,308	\$904,623
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	872,251
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$570,813	570,813	570,813	570,813	570,813	570,813	570,813	570,813	570,813	570,813	570,813	570,813	1,443,064	
3	Less: Accumulated Depreciation	(\$5,753)	(7,133)	(8,512)	(9,892)	(11,271)	(12,650)	(14,030)	(15,409)	(16,789)	(18,168)	(19,548)	(20,927)	(22,307)	
4	CWIP - Non-Interest Bearing	\$28,164	88,472	168,883	269,397	369,910	450,321	520,681	580,989	641,297	701,605	792,068	872,479	952,887	60,536
5	Net Investment (Lines 2 + 3 + 4)	\$593,223	\$652,152	\$731,184	\$830,318	\$929,452	\$1,008,484	\$1,077,464	\$1,136,392	\$1,195,321	\$1,254,250	\$1,343,333	\$1,422,364	\$1,481,293	
6	Average Net Investment		\$622,688	\$691,668	\$780,751	\$879,885	\$968,968	\$1,042,974	\$1,106,928	\$1,165,857	\$1,224,786	\$1,298,791	\$1,382,848	\$1,451,829	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$880	\$977	\$1,103	\$1,243	\$1,369	\$1,473	\$1,564	\$1,647	\$1,730	\$1,835	\$1,953	\$2,051	17,823
	b. Equity Component Grossed Up For Taxes	5.89%	\$3,055	\$3,394	\$3,831	\$4,317	\$4,754	\$5,118	\$5,431	\$5,720	\$6,010	\$6,373	\$6,785	\$7,124	61,912
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	2.9%	\$1,379	\$1,379	\$1,379	\$1,379	\$1,379	\$1,379	\$1,379	\$1,379	\$1,379	\$1,379	\$1,379	\$1,379	16,554
	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	0.007460	\$355	\$355	\$355	\$355	\$355	\$355	\$355	\$355	\$355	\$355	\$355	\$897	4,801
	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)		\$5,669	\$6,105	\$6,668	\$7,294	\$7,857	\$8,325	\$8,729	\$9,102	\$9,474	\$9,942	\$10,473	\$11,451	\$101,089
	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		\$5,669	\$6,105	\$6,668	\$7,294	\$7,857	\$8,325	\$8,729	\$9,102	\$9,474	\$9,942	\$10,473	\$11,451	\$101,089
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		5,669	6,105	6,668	7,294	7,857	8,325	8,729	9,102	9,474	9,942	10,473	11,451	101,089
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$5,669	\$6,105	\$6,668	\$7,294	\$7,857	\$8,325	\$8,729	\$9,102	\$9,474	\$9,942	\$10,473	\$11,451	\$101,089

Notes:

(A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005070

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
Projected Period: January 2022 through December 2022
Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution - Pole Replacement - (FERC 364)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 4 of 43
Page 42 of 84

Utility Account 364		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
Line	Description														
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$830,113	\$1,328,180	\$1,162,157	\$996,135	\$996,135	\$996,135	\$1,494,203	\$1,328,180	\$996,161	\$10,127,400
	b. Clearings to Plant		0	0	0	830,113	1,328,180	1,162,157	996,135	996,135	996,135	1,494,203	1,328,180	996,161	10,127,400
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	830,113	2,158,293	3,320,450	4,316,585	5,312,721	6,308,856	7,803,058	9,131,239	10,127,400	
3	Less: Accumulated Depreciation	\$0	0	0	0	0	(2,905)	(10,459)	(22,081)	(37,189)	(55,784)	(77,865)	(105,175)	(137,135)	
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	\$830,113	\$2,155,388	\$3,309,991	\$4,294,504	\$5,275,532	\$6,253,072	\$7,725,194	\$9,026,063	\$9,990,265	
6	Average Net Investment		\$0	\$0	\$0	\$415,056	\$1,492,750	\$2,732,689	\$3,802,248	\$4,785,018	\$5,764,302	\$6,989,133	\$8,375,628	\$9,508,164	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$0	\$0	\$0	\$586	\$2,109	\$3,860	\$5,371	\$6,759	\$8,142	\$9,872	\$11,831	\$13,430	61,959
	b. Equity Component Grossed Up For Taxes	5.89%	\$0	\$0	\$0	\$2,037	\$7,324	\$13,408	\$18,656	\$23,478	\$28,284	\$34,293	\$41,096	\$46,653	215,231
	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	\$2,905	\$7,554	\$11,622	\$15,108	\$18,595	\$22,081	\$27,311	\$31,959	137,135
	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	0.007460	\$0	\$0	\$0	\$516	\$1,342	\$2,064	\$2,684	\$3,303	\$3,922	\$4,851	\$5,677	\$6,296	30,654
	e. Other (D)	4.2%	0	0	0	(176)	(458)	(705)	(917)	(1,128)	(1,340)	(1,657)	(1,939)	(2,151)	(10,471)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$2,963	\$13,222	\$26,181	\$37,415	\$47,520	\$57,602	\$69,440	\$83,975	\$96,188	\$434,508
	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	\$2,963	\$13,222	\$26,181	\$37,415	\$47,520	\$57,602	\$69,440	\$83,975	\$96,188	\$434,508
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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	2,963	13,222	26,181	37,415	47,520	57,602	69,440	83,975	96,188	434,508
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$2,963	\$13,222	\$26,181	\$37,415	\$47,520	\$57,602	\$69,440	\$83,975	\$96,188	\$434,508

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005071

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
Projected Period: January 2022 through December 2022
Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution - Pole Replacement - (FERC 365)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 4P
Page 5 of 43
Page 43 of 84

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$180,459	\$288,735	\$252,643	\$216,551	\$216,551	\$216,551	\$324,827	\$288,735	\$216,551	\$2,201,603
	b. Clearings to Plant		0	0	0	180,459	288,735	252,643	216,551	216,551	216,551	324,827	288,735	216,551	2,201,603
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	180,459	469,194	721,837	938,388	1,154,939	1,371,490	1,696,317	1,985,052	2,201,603	
3	Less: Accumulated Depreciation	0	0	0	0	0	(406)	(1,462)	(3,086)	(5,197)	(7,796)	(10,882)	(14,698)	(19,165)	
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	\$180,459	\$468,788	\$720,375	\$935,302	\$1,149,742	\$1,363,695	\$1,685,435	\$1,970,353	\$2,182,438	
6	Average Net Investment		\$0	\$0	\$0	\$90,230	\$324,624	\$594,582	\$827,839	\$1,042,522	\$1,256,718	\$1,524,565	\$1,827,894	\$2,076,396	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$0	\$0	\$0	\$127	\$459	\$840	\$1,169	\$1,473	\$1,775	\$2,153	\$2,582	\$2,933	13,511
	b. Equity Component Grossed Up For Taxes	5.89%	\$0	\$0	\$0	\$443	\$1,593	\$2,917	\$4,062	\$5,115	\$6,166	\$7,481	\$8,969	\$10,188	46,934
	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	\$406	\$1,056	\$1,624	\$2,111	\$2,599	\$3,086	\$3,817	\$4,466	19,165
	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	0.007460	\$0	\$0	\$0	\$112	\$292	\$449	\$583	\$718	\$853	\$1,055	\$1,234	\$1,369	6,664
	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)		\$0	\$0	\$0	\$682	\$2,749	\$5,262	\$7,439	\$9,417	\$11,393	\$13,774	\$16,602	\$18,956	\$86,274
	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	\$682	\$2,749	\$5,262	\$7,439	\$9,417	\$11,393	\$13,774	\$16,602	\$18,956	\$86,274
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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	682	2,749	5,262	7,439	9,417	11,393	13,774	16,602	18,956	86,274
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$682	\$2,749	\$5,262	\$7,439	\$9,417	\$11,393	\$13,774	\$16,602	\$18,956	\$86,274

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005072

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
Projected Period: January 2022 through December 2022
Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution - Pole Replacement - (FERC 367)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 6 of 43
Page 44 of 84

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$24,061	\$38,498	\$33,686	\$28,873	\$28,873	\$28,873	\$43,310	\$38,498	\$28,873	\$293,547
	b. Clearings to Plant		0	0	0	24,061	38,498	33,686	28,873	28,873	28,873	43,310	38,498	28,873	293,547
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	24,061	62,559	96,245	125,118	153,992	182,865	226,176	264,674	293,547	
3	Less: Accumulated Depreciation	0	0	0	0	0	(60)	(217)	(457)	(770)	(1,155)	(1,612)	(2,178)	(2,839)	
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	\$24,061	\$62,499	\$96,028	\$124,661	\$153,222	\$181,710	\$224,563	\$262,496	\$290,708	
6	Average Net Investment		\$0	\$0	\$0	\$12,031	\$43,280	\$79,264	\$110,345	\$138,942	\$167,466	\$203,137	\$243,530	\$276,602	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$0	\$0	\$0	\$17	\$61	\$112	\$156	\$196	\$237	\$287	\$344	\$391	1,800
	b. Equity Component Grossed Up For Taxes	5.89%	\$0	\$0	\$0	\$59	\$212	\$389	\$541	\$682	\$822	\$997	\$1,195	\$1,357	6,254
	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	\$60	\$156	\$241	\$313	\$385	\$457	\$565	\$662	2,839
	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	0.007460	\$0	\$0	\$0	\$15	\$39	\$60	\$78	\$96	\$114	\$141	\$165	\$182	889
	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	\$91	\$373	\$717	\$1,016	\$1,287	\$1,557	\$1,881	\$2,269	\$2,592	\$11,782
	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	\$91	\$373	\$717	\$1,016	\$1,287	\$1,557	\$1,881	\$2,269	\$2,592	\$11,782
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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	91	373	717	1,016	1,287	1,557	1,881	2,269	2,592	11,782
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$91	\$373	\$717	\$1,016	\$1,287	\$1,557	\$1,881	\$2,269	\$2,592	\$11,782

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005073

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
Projected Period: January 2022 through December 2022
Return on Capital Investments, Depreciation and Taxes
For Project: Feeder Hardening - Distribution - Pole Replacement - (FERC 368)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 7 of 43
Page 45 of 84

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$168,429	\$269,486	\$235,800	\$202,114	\$202,114	\$202,114	\$303,172	\$269,486	\$202,114	\$2,054,829
	b. Clearings to Plant		0	0	0	168,429	269,486	235,800	202,114	202,114	202,114	303,172	269,486	202,114	2,054,829
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	168,429	437,915	673,715	875,829	1,077,943	1,280,058	1,583,229	1,852,715	2,054,829	
3	Less: Accumulated Depreciation	0	0	0	0	0	(407)	(1,465)	(3,093)	(5,210)	(7,815)	(10,909)	(14,735)	(19,212)	
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	\$168,429	\$437,508	\$672,249	\$872,735	\$1,072,733	\$1,272,243	\$1,572,321	\$1,837,980	\$2,035,617	
6	Average Net Investment		\$0	\$0	\$0	\$84,214	\$302,968	\$554,878	\$772,492	\$972,734	\$1,172,488	\$1,422,282	\$1,705,150	\$1,936,799	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$0	\$0	\$0	\$119	\$428	\$784	\$1,091	\$1,374	\$1,656	\$2,009	\$2,409	\$2,736	12,605
	b. Equity Component Grossed Up For Taxes	5.89%	\$0	\$0	\$0	\$413	\$1,487	\$2,723	\$3,790	\$4,773	\$5,753	\$6,979	\$8,367	\$9,503	43,787
	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	\$407	\$1,058	\$1,628	\$2,117	\$2,605	\$3,093	\$3,826	\$4,477	19,212
	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	0.007460	\$0	\$0	\$0	\$105	\$272	\$419	\$544	\$670	\$796	\$984	\$1,152	\$1,277	6,220
	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	\$0	\$0	\$637	\$2,594	\$4,983	\$7,054	\$8,934	\$10,810	\$13,065	\$15,753	\$17,994	\$81,824
	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	\$637	\$2,594	\$4,983	\$7,054	\$8,934	\$10,810	\$13,065	\$15,753	\$17,994	\$81,824
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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	637	2,594	4,983	7,054	8,934	10,810	13,065	15,753	17,994	81,824
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$637	\$2,594	\$4,983	\$7,054	\$8,934	\$10,810	\$13,065	\$15,753	\$17,994	\$81,824

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005074

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 8 of 43
Page 46 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening OH - Distribution - (FERC 364)
(in Dollars)

Utility Account 364		Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
Line	Description														
1	Investments														
	a. Expenditures/Additions		\$3,465,898	\$4,621,197	\$5,776,496	\$5,776,496	\$4,621,197	\$4,043,547	\$3,465,898	\$3,465,898	\$3,465,898	\$5,198,846	\$4,621,197	\$3,465,898	\$51,988,464
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	46,025,760	46,025,760
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	46,025,760	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	1,374,806	4,840,704	9,461,900	15,238,396	21,014,892	25,636,089	29,679,636	33,145,534	36,611,432	40,077,329	45,276,176	49,897,372	7,337,510	
5	Net Investment (Lines 2 + 3 + 4)	\$1,374,806	\$4,840,704	\$9,461,900	\$15,238,396	\$21,014,892	\$25,636,089	\$29,679,636	\$33,145,534	\$36,611,432	\$40,077,329	\$45,276,176	\$49,897,372	\$53,363,270	
6	Average Net Investment		\$3,107,755	\$7,151,302	\$12,350,148	\$18,126,644	\$23,325,491	\$27,657,863	\$31,412,585	\$34,878,483	\$38,344,380	\$42,676,752	\$47,586,774	\$51,630,321	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$4,390	\$10,101	\$17,445	\$25,604	\$32,947	\$39,067	\$44,370	\$49,266	\$54,161	\$60,281	\$67,216	\$72,928	477,776
	b. Equity Component Grossed Up For Taxes	5.89%	\$15,249	\$35,089	\$60,598	\$88,941	\$114,450	\$135,708	\$154,131	\$171,137	\$188,143	\$209,401	\$233,492	\$253,333	1,659,673
	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	0.007460	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,613	28,613
	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)		\$19,638	\$45,190	\$78,043	\$114,545	\$147,398	\$174,775	\$198,501	\$220,403	\$242,305	\$269,682	\$300,709	\$354,874	\$2,166,062
	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		\$19,638	\$45,190	\$78,043	\$114,545	\$147,398	\$174,775	\$198,501	\$220,403	\$242,305	\$269,682	\$300,709	\$354,874	\$2,166,062
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		19,638	45,190	78,043	114,545	147,398	174,775	198,501	220,403	242,305	269,682	300,709	354,874	2,166,062
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$19,638	\$45,190	\$78,043	\$114,545	\$147,398	\$174,775	\$198,501	\$220,403	\$242,305	\$269,682	\$300,709	\$354,874	\$2,166,062

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005075

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 9 of 43
Page 47 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening OH - Distribution - (FERC 365)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$433,237	\$577,650	\$722,062	\$722,062	\$577,650	\$505,443	\$433,237	\$433,237	\$433,237	\$649,856	\$577,650	\$433,237	\$6,498,558
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	5,753,220	5,753,220
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	5,753,220	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	171,851	605,088	1,182,738	1,904,800	2,626,862	3,204,511	3,709,955	4,143,192	4,576,429	5,009,666	5,659,522	6,237,172	917,189	
5	Net Investment (Lines 2 + 3 + 4)	\$171,851	\$605,088	\$1,182,738	\$1,904,800	\$2,626,862	\$3,204,511	\$3,709,955	\$4,143,192	\$4,576,429	\$5,009,666	\$5,659,522	\$6,237,172	\$6,670,409	
6	Average Net Investment		\$388,469	\$893,913	\$1,543,769	\$2,265,831	\$2,915,686	\$3,457,233	\$3,926,573	\$4,359,810	\$4,793,048	\$5,334,594	\$5,948,347	\$6,453,790	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$549	\$1,263	\$2,181	\$3,200	\$4,118	\$4,883	\$5,546	\$6,158	\$6,770	\$7,535	\$8,402	\$9,116	59,722
	b. Equity Component Grossed Up For Taxes	5.89%	\$1,906	\$4,386	\$7,575	\$11,118	\$14,306	\$16,963	\$19,266	\$21,392	\$23,518	\$26,175	\$29,187	\$31,667	207,459
	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	0.007460	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,577	3,577
	e. Other	2.7%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,455	\$5,649	\$9,755	\$14,318	\$18,425	\$21,847	\$24,813	\$27,550	\$30,288	\$33,710	\$37,589	\$44,359	\$270,758
	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		\$2,455	\$5,649	\$9,755	\$14,318	\$18,425	\$21,847	\$24,813	\$27,550	\$30,288	\$33,710	\$37,589	\$44,359	\$270,758
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		2,455	5,649	9,755	14,318	18,425	21,847	24,813	27,550	30,288	33,710	37,589	44,359	270,758
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$2,455	\$5,649	\$9,755	\$14,318	\$18,425	\$21,847	\$24,813	\$27,550	\$30,288	\$33,710	\$37,589	\$44,359	\$270,758

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005076

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 10 of 43
Page 48 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening OH - Distribution - (FERC 368)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$39,385	\$52,514	\$65,642	\$65,642	\$52,514	\$45,949	\$39,385	\$39,385	\$39,385	\$59,078	\$52,514	\$39,385	\$590,778
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	523,020	\$523,020
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	523,020	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	15,623	55,008	107,522	173,164	238,806	291,319	337,269	376,654	416,039	455,424	514,502	567,016	83,381	
5	Net Investment (Lines 2 + 3 + 4)	\$15,623	\$55,008	\$107,522	\$173,164	\$238,806	\$291,319	\$337,269	\$376,654	\$416,039	\$455,424	\$514,502	\$567,016	\$606,401	
6	Average Net Investment		\$35,315	\$81,265	\$140,343	\$205,985	\$265,062	\$314,294	\$356,961	\$396,346	\$435,732	\$484,963	\$540,759	\$586,708	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$50	\$115	\$198	\$291	\$374	\$444	\$504	\$560	\$615	\$685	\$764	\$829	5,429
	b. Equity Component Grossed Up For Taxes	5.89%	\$173	\$399	\$689	\$1,011	\$1,301	\$1,542	\$1,751	\$1,945	\$2,138	\$2,380	\$2,653	\$2,879	18,860
	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	0.007460	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$325	325
	e. Other	2.9%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$223	\$514	\$887	\$1,302	\$1,675	\$1,986	\$2,256	\$2,505	\$2,753	\$3,065	\$3,417	\$4,033	\$24,614
	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		\$223	\$514	\$887	\$1,302	\$1,675	\$1,986	\$2,256	\$2,505	\$2,753	\$3,065	\$3,417	\$4,033	\$24,614
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		223	514	887	1,302	1,675	1,986	2,256	2,505	2,753	3,065	3,417	4,033	24,614
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$223	\$514	\$887	\$1,302	\$1,675	\$1,986	\$2,256	\$2,505	\$2,753	\$3,065	\$3,417	\$4,033	\$24,614

Notes:

(A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005077

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 11 of 43
Page 49 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening - Distribution - Pole Replacement - (FERC 364)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$3,388,470	\$5,421,552	\$4,743,858	\$4,066,164	\$4,066,164	\$4,066,164	\$6,099,246	\$5,421,552	\$4,066,173	\$41,339,343
	b. Clearings to Plant		0	0	0	3,388,470	5,421,552	4,743,858	4,066,164	4,066,164	4,066,164	6,099,246	5,421,552	4,066,173	41,339,343
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	3,388,470	8,810,022	13,553,880	17,620,044	21,686,208	25,752,372	31,851,618	37,273,170	41,339,343	
3	Less: Accumulated Depreciation	0	0	0	0	0	(11,860)	(42,695)	(90,133)	(151,803)	(227,705)	(317,838)	(429,319)	(559,775)	
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	\$3,388,470	\$8,798,162	\$13,511,185	\$17,529,911	\$21,534,405	\$25,524,667	\$31,533,780	\$36,843,851	\$40,779,568	
6	Average Net Investment		\$0	\$0	\$0	\$1,694,235	\$6,093,316	\$11,154,674	\$15,520,548	\$19,532,158	\$23,529,536	\$28,529,223	\$34,188,815	\$38,811,709	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$0	\$0	\$0	\$2,393	\$8,607	\$15,756	\$21,923	\$27,589	\$33,235	\$40,298	\$48,292	\$54,822	252,914
	b. Equity Component Grossed Up For Taxes	5.89%	\$0	\$0	\$0	\$8,313	\$29,898	\$54,732	\$76,154	\$95,838	\$115,452	\$139,983	\$167,753	\$190,436	878,559
	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	\$11,860	\$30,835	\$47,439	\$61,670	\$75,902	\$90,133	\$111,481	\$130,456	559,775
	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	0.007460	\$0	\$0	\$0	\$2,107	\$5,477	\$8,426	\$10,954	\$13,482	\$16,010	\$19,801	\$23,172	\$25,700	125,128
	e. Other (D)	4.2%	0	0	0	0	(497)	(1,292)	(1,988)	(2,584)	(3,181)	(3,777)	(4,671)	(5,467)	(23,457)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$12,813	\$55,344	\$108,457	\$154,482	\$195,995	\$237,418	\$286,439	\$346,026	\$395,947	\$1,792,919
	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	\$12,813	\$55,344	\$108,457	\$154,482	\$195,995	\$237,418	\$286,439	\$346,026	\$395,947	\$1,792,919
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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	12,813	55,344	108,457	154,482	195,995	237,418	286,439	346,026	395,947	1,792,919
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$12,813	\$55,344	\$108,457	\$154,482	\$195,995	\$237,418	\$286,439	\$346,026	\$395,947	\$1,792,919

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005078

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Wood Pole Replacements - (FERC 354)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. __ (CAM-2)
Form 4P
Page 12 of 43
Page 50 of 84

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$100,977	\$100,977	\$100,977	\$100,977	\$100,977	\$100,977	\$100,977	\$100,977	\$100,977	\$100,977	\$100,977	\$100,977	\$1,211,720
	b. Clearings to Plant		100,977	100,977	100,977	100,977	100,977	100,977	100,977	100,977	100,977	100,977	100,977	100,977	\$1,211,720
	c. Adjustments for Base Activity		0	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	0
2	Plant-in-Service/Depreciation Base	\$335,063	436,040	537,017	637,993	738,970	839,947	940,923	1,041,900	1,142,877	1,243,853	1,344,830	1,445,807	1,546,783	
3	Less: Accumulated Depreciation	(\$1,265)	(1,628)	(2,100)	(2,682)	(3,373)	(4,174)	(5,084)	(6,103)	(7,232)	(8,470)	(9,817)	(11,274)	(12,840)	
4	CWIP - Non-Interest Bearing	\$21,447	21,447	21,447	21,447	21,447	21,447	21,447	21,447	21,447	21,447	21,447	21,447	21,447	
5	Net Investment (Lines 2 + 3 + 4)	\$355,245	\$455,859	\$556,363	\$656,758	\$757,044	\$857,220	\$957,287	\$1,057,244	\$1,157,092	\$1,256,831	\$1,356,460	\$1,455,980	\$1,555,390	
6	Average Net Investment		\$405,552	\$506,111	\$606,561	\$706,901	\$807,132	\$907,253	\$1,007,265	\$1,107,168	\$1,206,961	\$1,306,645	\$1,406,220	\$1,505,685	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$573	\$715	\$857	\$998	\$1,140	\$1,281	\$1,423	\$1,564	\$1,705	\$1,846	\$1,986	\$2,127	16,215
	b. Equity Component Grossed Up For Taxes	5.89%	\$1,990	\$2,483	\$2,976	\$3,469	\$3,960	\$4,452	\$4,942	\$5,433	\$5,922	\$6,411	\$6,900	\$7,388	56,326
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	1.3%	\$363	\$472	\$582	\$691	\$801	\$910	\$1,019	\$1,129	\$1,238	\$1,348	\$1,457	\$1,566	11,576
	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	0.007460	\$271	\$334	\$397	\$459	\$522	\$585	\$648	\$710	\$773	\$836	\$899	\$962	7,396
	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)		\$3,197	\$4,004	\$4,811	\$5,618	\$6,423	\$7,228	\$8,032	\$8,836	\$9,638	\$10,440	\$11,242	\$12,043	\$91,512
	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		\$3,197	\$4,004	\$4,811	\$5,618	\$6,423	\$7,228	\$8,032	\$8,836	\$9,638	\$10,440	\$11,242	\$12,043	\$91,512
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	N/A
11	Demand Jurisdictional Factor - Transmission		0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	
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)		2,302	2,883	3,464	4,044	4,624	5,204	5,783	6,361	6,939	7,517	8,094	8,670	65,884
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$2,302	\$2,883	\$3,464	\$4,044	\$4,624	\$5,204	\$5,783	\$6,361	\$6,939	\$7,517	\$8,094	\$8,670	\$65,884

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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 Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 13 of 43
Page 51 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Wood Pole Replacements - (FERC 355)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$8,683,995	\$8,683,995	\$8,683,995	\$8,683,995	\$8,683,995	\$8,683,995	\$8,683,995	\$8,683,995	\$8,683,995	\$8,683,995	\$8,683,995	\$8,683,995	\$104,207,946
	b. Clearings to Plant		8,683,996	8,683,996	8,683,996	8,683,996	8,683,996	8,683,996	8,683,996	8,683,996	8,683,996	8,683,996	8,683,996	8,683,996	\$104,207,946
	c. Adjustments for Base Activity		0	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	0
2	Plant-in-Service/Depreciation Base	\$28,815,428	37,499,424	46,183,419	54,867,415	63,551,410	72,235,406	80,919,401	89,603,397	98,287,392	106,971,388	115,655,383	124,339,379	133,023,374	
3	Less: Accumulated Depreciation	(297,254)	(376,496)	(479,620)	(606,624)	(757,510)	(932,276)	(1,130,923)	(1,353,452)	(1,599,861)	(1,870,151)	(2,164,323)	(2,482,375)	(2,824,308)	
4	CWIP - Non-Interest Bearing	1,844,444	1,844,444	1,844,444	1,844,444	1,844,444	1,844,444	1,844,444	1,844,444	1,844,444	1,844,444	1,844,444	1,844,444	1,844,444	
5	Net Investment (Lines 2 + 3 + 4)	<u>\$30,362,618</u>	<u>\$38,967,371</u>	<u>\$47,548,243</u>	<u>\$56,105,234</u>	<u>\$64,638,344</u>	<u>\$73,147,574</u>	<u>\$81,632,922</u>	<u>\$90,094,389</u>	<u>\$98,531,975</u>	<u>\$106,945,680</u>	<u>\$115,335,504</u>	<u>\$123,701,447</u>	<u>\$132,043,510</u>	
6	Average Net Investment		\$34,664,995	\$43,257,807	\$51,826,739	\$60,371,789	\$68,892,959	\$77,390,248	\$85,863,655	\$94,313,182	\$102,738,828	\$111,140,592	\$119,518,476	\$127,872,479	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$48,964	\$61,102	\$73,205	\$85,275	\$97,311	\$109,314	\$121,282	\$133,217	\$145,119	\$156,986	\$168,820	\$180,620	1,381,216
	b. Equity Component Grossed Up For Taxes	5.89%	\$170,090	\$212,252	\$254,297	\$296,224	\$338,035	\$379,728	\$421,304	\$462,763	\$504,105	\$545,330	\$586,437	\$627,428	4,797,993
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	3.3%	\$79,242	\$103,123	\$127,004	\$150,885	\$174,766	\$198,647	\$222,528	\$246,409	\$270,290	\$294,171	\$318,052	\$341,933	2,527,054
	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	0.007460	\$23,312	\$28,711	\$34,110	\$39,508	\$44,907	\$50,306	\$55,704	\$61,103	\$66,501	\$71,900	\$77,299	\$82,697	636,059
	e. Other (D)	3.3%	(3,655)	(4,155)	(4,655)	(5,155)	(5,655)	(6,155)	(6,654)	(7,154)	(7,654)	(8,154)	(8,654)	(9,154)	(76,854)
9	Total System Recoverable Expenses (Lines 7 + 8)		<u>\$317,953</u>	<u>\$401,033</u>	<u>\$483,961</u>	<u>\$566,738</u>	<u>\$649,365</u>	<u>\$731,840</u>	<u>\$814,165</u>	<u>\$896,339</u>	<u>\$978,361</u>	<u>\$1,060,233</u>	<u>\$1,141,954</u>	<u>\$1,223,524</u>	<u>\$9,265,467</u>
	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		<u>\$317,953</u>	<u>\$401,033</u>	<u>\$483,961</u>	<u>\$566,738</u>	<u>\$649,365</u>	<u>\$731,840</u>	<u>\$814,165</u>	<u>\$896,339</u>	<u>\$978,361</u>	<u>\$1,060,233</u>	<u>\$1,141,954</u>	<u>\$1,223,524</u>	<u>\$9,265,467</u>
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		0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	
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)		228,908	288,721	348,424	408,019	467,506	526,884	586,153	645,313	704,365	763,308	822,143	880,868	6,670,612
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$228,908</u>	<u>\$288,721</u>	<u>\$348,424</u>	<u>\$408,019</u>	<u>\$467,506</u>	<u>\$526,884</u>	<u>\$586,153</u>	<u>\$645,313</u>	<u>\$704,365</u>	<u>\$763,308</u>	<u>\$822,143</u>	<u>\$880,868</u>	<u>\$6,670,612</u>

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005080

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Wood Pole Replacements - (FERC 356)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 4P
Page 14 of 43
Page 52 of 84

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$1,312,697	\$1,312,697	\$1,312,697	\$1,312,697	\$1,312,697	\$1,312,697	\$1,312,697	\$1,312,697	\$1,312,697	\$1,312,697	\$1,312,697	\$1,312,697	\$15,752,364
	b. Clearings to Plant		1,312,697	1,312,697	1,312,697	1,312,697	1,312,697	1,312,697	1,312,697	1,312,697	1,312,697	1,312,697	1,312,697	1,312,697	\$15,752,364
	c. Adjustments for Base Activity		0	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	0
2	Plant-in-Service/Depreciation Base	\$4,355,821	5,668,518	6,981,215	8,293,912	9,606,609	10,919,306	12,232,003	13,544,700	14,857,397	16,170,094	17,482,790	18,795,487	20,108,184	
3	Less: Accumulated Depreciation	(25,535)	(32,432)	(41,407)	(52,461)	(65,593)	(80,803)	(98,092)	(117,460)	(138,905)	(162,430)	(188,032)	(215,713)	(245,473)	
4	CWIP - Non-Interest Bearing	278,811	278,811	278,811	278,811	278,811	278,811	278,811	278,811	278,811	278,811	278,811	278,811	278,811	
5	Net Investment (Lines 2 + 3 + 4)	<u>\$4,609,096</u>	<u>\$5,914,897</u>	<u>\$7,218,619</u>	<u>\$8,520,262</u>	<u>\$9,819,827</u>	<u>\$11,117,313</u>	<u>\$12,412,722</u>	<u>\$13,706,051</u>	<u>\$14,997,302</u>	<u>\$16,286,475</u>	<u>\$17,573,570</u>	<u>\$18,858,585</u>	<u>\$20,141,523</u>	
6	Average Net Investment		\$5,261,997	\$6,566,758	\$7,869,440	\$9,170,044	\$10,468,570	\$11,765,017	\$13,059,386	\$14,351,677	\$15,641,889	\$16,930,022	\$18,216,077	\$19,500,054	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$7,433	\$9,276	\$11,116	\$12,953	\$14,787	\$16,618	\$18,446	\$20,272	\$22,094	\$23,914	\$25,730	\$27,544	210,181
	b. Equity Component Grossed Up For Taxes	5.89%	\$25,819	\$32,221	\$38,613	\$44,994	\$51,366	\$57,727	\$64,078	\$70,419	\$76,750	\$83,070	\$89,380	\$95,680	730,117
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	1.9%	\$6,897	\$8,975	\$11,054	\$13,132	\$15,210	\$17,289	\$19,367	\$21,446	\$23,524	\$25,603	\$27,681	\$29,760	219,937
	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	0.007460	\$3,524	\$4,340	\$5,156	\$5,972	\$6,788	\$7,604	\$8,420	\$9,236	\$10,053	\$10,869	\$11,685	\$12,501	96,148
	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)		<u>\$43,672</u>	<u>\$54,812</u>	<u>\$65,938</u>	<u>\$77,051</u>	<u>\$88,151</u>	<u>\$99,238</u>	<u>\$110,312</u>	<u>\$121,373</u>	<u>\$132,420</u>	<u>\$143,455</u>	<u>\$154,476</u>	<u>\$165,484</u>	<u>\$1,256,384</u>
	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		<u>\$43,672</u>	<u>\$54,812</u>	<u>\$65,938</u>	<u>\$77,051</u>	<u>\$88,151</u>	<u>\$99,238</u>	<u>\$110,312</u>	<u>\$121,373</u>	<u>\$132,420</u>	<u>\$143,455</u>	<u>\$154,476</u>	<u>\$165,484</u>	<u>\$1,256,384</u>
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		0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	
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)		31,441	39,461	47,472	55,473	63,464	71,446	79,419	87,382	95,335	103,279	111,214	119,139	904,525
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$31,441</u>	<u>\$39,461</u>	<u>\$47,472</u>	<u>\$55,473</u>	<u>\$63,464</u>	<u>\$71,446</u>	<u>\$79,419</u>	<u>\$87,382</u>	<u>\$95,335</u>	<u>\$103,279</u>	<u>\$111,214</u>	<u>\$119,139</u>	<u>\$904,525</u>

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005081

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: GOAB - (FERC 356)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 15 of 43
Page 53 of 84

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$214,636	\$214,636	\$214,636	\$214,636	\$214,636	\$214,636	\$243,803	\$243,803	\$243,803	\$243,803	\$243,803	\$29,169	\$2,536,000
	b. Clearings to Plant		0	0	0	472,200	0	472,200	0	472,200	0	472,200	0	472,200	2,361,000
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	472,200	472,200	944,400	944,400	1,416,600	1,416,600	1,888,800	1,888,800	2,361,000	
3	Less: Accumulated Depreciation	0	0	0	0	0	(748)	(1,495)	(2,991)	(4,486)	(6,729)	(8,972)	(11,962)	(14,953)	
4	CWIP - Non-Interest Bearing	0	214,636	429,272	643,908	866,344	1,090,580	1,314,416	1,538,219	1,762,022	1,985,822	2,209,625	2,433,428	2,657,231	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$214,636	\$429,272	\$643,908	\$866,344	\$1,090,580	\$1,314,416	\$1,538,219	\$1,762,022	\$1,985,822	\$2,209,625	\$2,433,428	\$2,657,231	
6	Average Net Investment		\$107,318	\$321,954	\$536,590	\$751,226	\$965,488	\$1,179,377	\$1,407,475	\$1,649,782	\$1,891,716	\$2,133,276	\$2,374,462	\$2,507,958	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$152	\$455	\$758	\$1,061	\$1,364	\$1,666	\$1,988	\$2,330	\$2,672	\$3,013	\$3,354	\$3,542	22,355
	b. Equity Component Grossed Up For Taxes	5.89%	\$527	\$1,580	\$2,633	\$3,686	\$4,737	\$5,787	\$6,906	\$8,095	\$9,282	\$10,467	\$11,651	\$12,306	77,656
	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	\$748	\$748	\$1,495	\$1,495	\$2,243	\$2,243	\$2,991	\$2,991	14,953
	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	0.007460	0	0	0	294	294	587	587	881	881	1,174	1,174	1,468	7,339
	e. Other	1.9%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$678	\$2,034	\$3,391	\$5,041	\$7,142	\$8,787	\$10,976	\$12,801	\$15,078	\$16,898	\$19,169	\$20,307	\$122,303
	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		\$678	\$2,034	\$3,391	\$5,041	\$7,142	\$8,787	\$10,976	\$12,801	\$15,078	\$16,898	\$19,169	\$20,307	\$122,303
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		0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	
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)		488	1,465	2,441	3,629	5,142	6,326	7,902	9,216	10,855	12,165	13,801	14,620	88,051
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$488	\$1,465	\$2,441	\$3,629	\$5,142	\$6,326	\$7,902	\$9,216	\$10,855	\$12,165	\$13,801	\$14,620	\$88,051

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005082

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 16 of 43
Page 54 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Tower Upgrade - (FERC 354)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$323,636	\$323,636	\$323,636	\$323,636	\$323,636	\$323,636	\$323,636	\$323,636	\$323,636	\$323,636	\$323,640	\$180,000	\$3,740,000
	b. Clearings to Plant		0	0	0	0	0	0	1,643,077	0	0	0	1,916,923	0	3,560,000
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$1,620,156	1,620,156	1,620,156	1,620,156	1,620,156	1,620,156	1,620,156	3,263,233	3,263,233	3,263,233	3,263,233	5,180,156	5,180,156	
3	Less: Accumulated Depreciation	(3,072)	(4,827)	(6,582)	(8,337)	(10,092)	(11,847)	(13,603)	(15,358)	(18,893)	(22,428)	(25,963)	(29,498)	(35,110)	
4	CWIP - Non-Interest Bearing	0	323,636	647,272	970,908	1,294,544	1,618,180	1,941,816	622,375	946,011	1,269,647	1,593,283	0	180,000	
5	Net Investment (Lines 2 + 3 + 4)	\$1,617,084	\$1,938,965	\$2,260,846	\$2,582,727	\$2,904,608	\$3,226,489	\$3,548,370	\$3,870,251	\$4,190,351	\$4,510,452	\$4,830,553	\$5,150,658	\$5,325,046	
6	Average Net Investment		\$1,778,025	\$2,099,906	\$2,421,787	\$2,743,668	\$3,065,548	\$3,387,429	\$3,709,310	\$4,030,301	\$4,350,402	\$4,670,503	\$4,990,605	\$5,237,852	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$2,511	\$2,966	\$3,421	\$3,875	\$4,330	\$4,785	\$5,239	\$5,693	\$6,145	\$6,597	\$7,049	\$7,398	60,011
	b. Equity Component Grossed Up For Taxes	5.89%	\$8,724	\$10,304	\$11,883	\$13,462	\$15,042	\$16,621	\$18,200	\$19,775	\$21,346	\$22,917	\$24,487	\$25,700	208,461
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	1.3%	\$1,755	\$1,755	\$1,755	\$1,755	\$1,755	\$1,755	\$1,755	\$3,535	\$3,535	\$3,535	\$3,535	\$5,612	32,039
	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	0.007460	\$1,007	\$1,007	\$1,007	\$1,007	\$1,007	\$1,007	\$2,029	\$2,029	\$2,029	\$2,029	\$3,220	\$3,220	20,599
	e. Other (D)	1.3%	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(119)	(119)	(119)	(119)	(203)	(1,013)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$13,950	\$15,984	\$18,018	\$20,052	\$22,086	\$24,120	\$27,176	\$30,913	\$32,936	\$34,958	\$38,173	\$41,728	\$320,096
	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		\$13,950	\$15,984	\$18,018	\$20,052	\$22,086	\$24,120	\$27,176	\$30,913	\$32,936	\$34,958	\$38,173	\$41,728	\$320,096
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		0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	
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)		10,043	11,508	12,972	14,437	15,901	17,365	19,565	22,255	23,712	25,168	27,482	30,042	230,451
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$10,043	\$11,508	\$12,972	\$14,437	\$15,901	\$17,365	\$19,565	\$22,255	\$23,712	\$25,168	\$27,482	\$30,042	\$230,451

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005083

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 17 of 43
Page 55 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Tower Upgrade - (FERC 356)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$20,000	\$460,000
	b. Clearings to Plant		0	0	0	0	0	0	203,077	0	0	0	236,923	0	440,000
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$200,244	200,244	200,244	200,244	200,244	200,244	200,244	403,321	403,321	403,321	403,321	640,244	640,244	
3	Less: Accumulated Depreciation	(555)	(872)	(1,189)	(1,506)	(1,823)	(2,140)	(2,457)	(2,774)	(3,413)	(4,051)	(4,690)	(5,329)	(6,342)	
4	CWIP - Non-Interest Bearing	0	40,000	80,000	120,000	160,000	200,000	240,000	76,923	116,923	156,923	196,923	0	20,000	
5	Net Investment (Lines 2 + 3 + 4)	\$199,689	\$239,372	\$279,055	\$318,738	\$358,421	\$398,104	\$437,787	\$477,470	\$516,831	\$556,192	\$595,554	\$634,915	\$653,902	
6	Average Net Investment		\$219,531	\$259,214	\$298,896	\$338,579	\$378,262	\$417,945	\$457,628	\$497,150	\$536,512	\$575,873	\$615,235	\$644,409	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$310	\$366	\$422	\$478	\$534	\$590	\$646	\$702	\$758	\$813	\$869	\$910	7,400
	b. Equity Component Grossed Up For Taxes	5.89%	\$1,077	\$1,272	\$1,467	\$1,661	\$1,856	\$2,051	\$2,245	\$2,439	\$2,632	\$2,826	\$3,019	\$3,162	25,707
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	1.9%	\$317	\$317	\$317	\$317	\$317	\$317	\$317	\$639	\$639	\$639	\$639	\$1,014	5,787
	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	0.007460	\$124	\$124	\$124	\$124	\$124	\$124	\$251	\$251	\$251	\$251	\$398	\$398	2,546
	e. Other	1.9%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,829	\$2,080	\$2,330	\$2,581	\$2,832	\$3,083	\$3,460	\$4,031	\$4,280	\$4,528	\$4,924	\$5,484	\$41,441
	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		\$1,829	\$2,080	\$2,330	\$2,581	\$2,832	\$3,083	\$3,460	\$4,031	\$4,280	\$4,528	\$4,924	\$5,484	\$41,441
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		0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	
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)		1,317	1,497	1,678	1,858	2,039	2,219	2,491	2,902	3,081	3,260	3,545	3,948	29,835
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,317	\$1,497	\$1,678	\$1,858	\$2,039	\$2,219	\$2,491	\$2,902	\$3,081	\$3,260	\$3,545	\$3,948	\$29,835

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005084

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 18 of 43
Page 56 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Cathodic Protection - (FERC 354)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$129,833	\$129,833	\$129,833	\$129,833	\$129,834	\$129,834	\$129,834	\$129,834	\$129,833	\$129,833	\$129,833	\$129,833	\$1,558,000
	b. Clearings to Plant		0	129,038	129,038	129,038	129,038	129,038	129,038	129,038	129,038	129,038	129,038	129,038	1,419,418
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$1,024,000	1,024,000	1,153,038	1,282,076	1,411,114	1,540,152	1,669,190	1,798,228	1,927,266	2,056,304	2,185,342	2,314,380	2,443,418	
3	Less: Accumulated Depreciation	(3,986)	(5,095)	(6,205)	(7,454)	(8,843)	(10,371)	(12,040)	(13,848)	(15,796)	(17,884)	(20,112)	(22,479)	(24,987)	
4	CWIP - Non-Interest Bearing	0	129,833	130,628	131,423	132,218	133,014	133,810	134,606	135,402	136,197	136,992	137,787	138,582	
5	Net Investment (Lines 2 + 3 + 4)	\$1,020,014	\$1,148,738	\$1,277,461	\$1,406,045	\$1,534,489	\$1,662,795	\$1,790,960	\$1,918,986	\$2,046,872	\$2,174,617	\$2,302,222	\$2,429,688	\$2,557,013	
6	Average Net Investment		\$1,084,376	\$1,213,099	\$1,341,753	\$1,470,267	\$1,598,642	\$1,726,877	\$1,854,973	\$1,982,929	\$2,110,744	\$2,238,419	\$2,365,955	\$2,493,351	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$1,532	\$1,714	\$1,895	\$2,077	\$2,258	\$2,439	\$2,620	\$2,801	\$2,981	\$3,162	\$3,342	\$3,522	30,342
	b. Equity Component Grossed Up For Taxes	5.89%	\$5,321	\$5,952	\$6,584	\$7,214	\$7,844	\$8,473	\$9,102	\$9,730	\$10,357	\$10,983	\$11,609	\$12,234	105,402
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	1.3%	\$1,109	\$1,109	\$1,249	\$1,389	\$1,529	\$1,668	\$1,808	\$1,948	\$2,088	\$2,228	\$2,367	\$2,507	21,001
	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	0.007460	637	717	797	877	957	1,038	1,118	1,198	1,278	1,359	1,439	1,519	12,934
	e. Other	1.3%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$8,598	\$9,492	\$10,525	\$11,557	\$12,588	\$13,619	\$14,648	\$15,677	\$16,704	\$17,731	\$18,757	\$19,782	\$169,679
	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		\$8,598	\$9,492	\$10,525	\$11,557	\$12,588	\$13,619	\$14,648	\$15,677	\$16,704	\$17,731	\$18,757	\$19,782	\$169,679
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		0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	
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)		6,190	6,834	7,577	8,320	9,063	9,805	10,546	11,286	12,026	12,765	13,504	14,242	122,159
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$6,190	\$6,834	\$7,577	\$8,320	\$9,063	\$9,805	\$10,546	\$11,286	\$12,026	\$12,765	\$13,504	\$14,242	\$122,159

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005085

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 19 of 43
Page 57 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Overhead Ground Wires - (FERC 355)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$249,016	\$249,016	\$249,016	\$249,016	\$249,016	\$249,016	\$287,516	\$287,516	\$287,516	\$287,516	\$287,516	\$38,501	\$2,970,176
	b. Clearings to Plant		0	249,016	249,016	249,016	249,016	249,016	249,016	249,016	249,016	249,016	249,016	249,016	2,739,176
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	249,016	498,032	747,048	996,064	1,245,080	1,494,096	1,743,112	1,992,128	2,241,144	2,490,160	2,739,176	
3	Less: Accumulated Depreciation	0	0	0	(685)	(2,054)	(4,109)	(6,848)	(10,272)	(14,381)	(19,174)	(24,653)	(30,816)	(37,664)	
4	CWIP - Non-Interest Bearing	0	249,016	249,016	249,016	249,016	249,016	249,016	287,516	326,016	364,515	403,015	441,515	231,000	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$249,016	\$498,032	\$746,363	\$994,010	\$1,240,971	\$1,487,248	\$1,771,340	\$2,054,747	\$2,337,469	\$2,619,507	\$2,900,859	\$2,932,513	
6	Average Net Investment		\$124,508	\$373,524	\$622,198	\$870,186	\$1,117,491	\$1,364,110	\$1,629,294	\$1,913,044	\$2,196,108	\$2,478,488	\$2,760,183	\$2,916,686	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$176	\$528	\$879	\$1,229	\$1,578	\$1,927	\$2,301	\$2,702	\$3,102	\$3,501	\$3,899	\$4,120	25,942
	b. Equity Component Grossed Up For Taxes	5.89%	\$611	\$1,833	\$3,053	\$4,270	\$5,483	\$6,693	\$7,994	\$9,387	\$10,776	\$12,161	\$13,543	\$14,311	90,115
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	3.3%	\$0	\$0	\$685	\$1,370	\$2,054	\$2,739	\$3,424	\$4,109	\$4,794	\$5,478	\$6,163	\$6,848	37,664
	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	0.007460	0	155	310	464	619	774	929	1,084	1,238	1,393	1,548	1,703	10,217
	e. Other	3.3%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$787	\$2,515	\$4,926	\$7,333	\$9,735	\$12,133	\$14,649	\$17,281	\$19,910	\$22,534	\$25,153	\$26,982	\$163,938
	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		\$787	\$2,515	\$4,926	\$7,333	\$9,735	\$12,133	\$14,649	\$17,281	\$19,910	\$22,534	\$25,153	\$26,982	\$163,938
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		0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	
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)		566	1,811	3,547	5,279	7,009	8,735	10,546	12,442	14,334	16,223	18,109	19,425	118,026
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$566	\$1,811	\$3,547	\$5,279	\$7,009	\$8,735	\$10,546	\$12,442	\$14,334	\$16,223	\$18,109	\$19,425	\$118,026

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005086

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. __ (CAM-2)
Form 4P
Page 20 of 43
Page 58 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Structure Hardening - Transmission: Overhead Ground Wires - (FERC 356)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$128,281	\$128,281	\$128,281	\$128,281	\$128,281	\$128,281	\$148,114	\$148,114	\$148,114	\$148,114	\$148,114	\$19,834	\$1,530,091
	b. Clearings to Plant		0	128,281	128,281	128,281	128,281	128,281	128,281	128,281	128,281	128,281	128,281	128,281	1,411,091
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	128,281	256,562	384,843	513,124	641,405	769,686	897,967	1,026,248	1,154,529	1,282,810	1,411,091	
3	Less: Accumulated Depreciation	0	0	0	(203)	(609)	(1,219)	(2,031)	(3,047)	(4,265)	(5,687)	(7,312)	(9,140)	(11,171)	
4	CWIP - Non-Interest Bearing	0	128,281	128,281	128,281	128,281	128,281	128,281	148,114	167,947	187,781	207,614	227,447	119,000	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$128,281	\$256,562	\$384,640	\$512,515	\$640,186	\$767,655	\$914,753	\$1,061,649	\$1,208,341	\$1,354,831	\$1,501,117	\$1,518,920	
6	Average Net Investment		\$64,140	\$192,421	\$320,601	\$448,577	\$576,350	\$703,920	\$841,204	\$988,201	\$1,134,995	\$1,281,586	\$1,427,974	\$1,510,018	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$91	\$272	\$453	\$634	\$814	\$994	\$1,188	\$1,396	\$1,603	\$1,810	\$2,017	\$2,133	13,405
	b. Equity Component Grossed Up For Taxes	5.89%	\$315	\$944	\$1,573	\$2,201	\$2,828	\$3,454	\$4,128	\$4,849	\$5,569	\$6,288	\$7,007	\$7,409	46,564
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	1.9%	\$0	\$0	\$203	\$406	\$609	\$812	\$1,016	\$1,219	\$1,422	\$1,625	\$1,828	\$2,031	11,171
	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	0.007460	0	80	159	239	319	399	478	558	638	718	797	877	5,263
	e. Other	1.9%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$405	\$1,296	\$2,389	\$3,480	\$4,570	\$5,659	\$6,810	\$8,022	\$9,232	\$10,441	\$11,649	\$12,450	\$76,403
	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		\$405	\$1,296	\$2,389	\$3,480	\$4,570	\$5,659	\$6,810	\$8,022	\$9,232	\$10,441	\$11,649	\$12,450	\$76,403
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		0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	
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)		292	933	1,720	2,505	3,290	4,074	4,903	5,775	6,647	7,517	8,387	8,964	55,006
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$292	\$933	\$1,720	\$2,505	\$3,290	\$4,074	\$4,903	\$5,775	\$6,647	\$7,517	\$8,387	\$8,964	\$55,006

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005087

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 21 of 43
Page 59 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening UG - Distribution - Underground Installation - (FERC 360)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$176,439	\$235,252	\$294,065	\$294,065	\$235,252	\$205,845	\$176,439	\$176,439	\$176,439	\$264,659	\$235,252	\$176,439	\$2,646,585
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	2,522,765	2,522,765
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	2,522,765	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	69,987	246,426	481,678	775,743	1,069,808	1,305,060	1,510,906	1,687,345	1,863,784	2,040,223	2,304,881	2,540,133	193,808	
5	Net Investment (Lines 2 + 3 + 4)	\$69,987	\$246,426	\$481,678	\$775,743	\$1,069,808	\$1,305,060	\$1,510,906	\$1,687,345	\$1,863,784	\$2,040,223	\$2,304,881	\$2,540,133	\$2,716,572	
6	Average Net Investment		\$158,207	\$364,052	\$628,711	\$922,776	\$1,187,434	\$1,407,983	\$1,599,125	\$1,775,564	\$1,952,003	\$2,172,552	\$2,422,507	\$2,628,353	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$223	\$514	\$888	\$1,303	\$1,677	\$1,989	\$2,259	\$2,508	\$2,757	\$3,069	\$3,422	\$3,713	24,322
	b. Equity Component Grossed Up For Taxes	5.89%	\$776	\$1,786	\$3,085	\$4,528	\$5,826	\$6,909	\$7,846	\$8,712	\$9,578	\$10,660	\$11,886	\$12,896	84,489
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	1.4%	\$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	0.007460	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,568	1,568
	e. Other	1.4%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,000	\$2,301	\$3,973	\$5,831	\$7,504	\$8,897	\$10,105	\$11,220	\$12,335	\$13,729	\$15,308	\$18,177	\$110,380
	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		\$1,000	\$2,301	\$3,973	\$5,831	\$7,504	\$8,897	\$10,105	\$11,220	\$12,335	\$13,729	\$15,308	\$18,177	\$110,380
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		1,000	2,301	3,973	5,831	7,504	8,897	10,105	11,220	12,335	13,729	15,308	18,177	110,380
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,000	\$2,301	\$3,973	\$5,831	\$7,504	\$8,897	\$10,105	\$11,220	\$12,335	\$13,729	\$15,308	\$18,177	\$110,380

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005088

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 22 of 43
Page 60 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening UG - Distribution - Underground Installation - (FERC 366)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$273,196	\$364,261	\$455,326	\$455,326	\$364,261	\$318,728	\$273,196	\$273,196	\$273,196	\$409,794	\$364,261	\$273,196	\$4,097,938
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	3,906,216	3,906,216
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	3,906,216	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	108,368	381,564	745,825	1,201,151	1,656,478	2,020,739	2,339,467	2,612,663	2,885,859	3,159,055	3,568,849	3,933,110	300,089	
5	Net Investment (Lines 2 + 3 + 4)	\$108,368	\$381,564	\$745,825	\$1,201,151	\$1,656,478	\$2,020,739	\$2,339,467	\$2,612,663	\$2,885,859	\$3,159,055	\$3,568,849	\$3,933,110	\$4,206,306	
6	Average Net Investment		\$244,966	\$563,694	\$973,488	\$1,428,814	\$1,838,608	\$2,180,103	\$2,476,065	\$2,749,261	\$3,022,457	\$3,363,952	\$3,750,979	\$4,069,708	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$346	\$796	\$1,375	\$2,018	\$2,597	\$3,079	\$3,497	\$3,883	\$4,269	\$4,752	\$5,298	\$5,748	37,660
	b. Equity Component Grossed Up For Taxes	5.89%	\$1,202	\$2,766	\$4,777	\$7,011	\$9,021	\$10,697	\$12,149	\$13,490	\$14,830	\$16,506	\$18,405	\$19,969	130,822
	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	\$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	0.007460	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,428	2,428
	e. Other	1.6%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,548	\$3,562	\$6,152	\$9,029	\$11,618	\$13,776	\$15,647	\$17,373	\$19,099	\$21,257	\$23,703	\$28,146	\$170,911
	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		\$1,548	\$3,562	\$6,152	\$9,029	\$11,618	\$13,776	\$15,647	\$17,373	\$19,099	\$21,257	\$23,703	\$28,146	\$170,911
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		1,548	3,562	6,152	9,029	11,618	13,776	15,647	17,373	19,099	21,257	23,703	28,146	170,911
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,548	\$3,562	\$6,152	\$9,029	\$11,618	\$13,776	\$15,647	\$17,373	\$19,099	\$21,257	\$23,703	\$28,146	\$170,911

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005089

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 23 of 43
Page 61 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening UG - Distribution - Underground Installation - (FERC 367)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$3,750,752	\$5,001,002	\$6,251,253	\$6,251,253	\$5,001,002	\$4,375,876	\$3,750,752	\$3,750,752	\$3,750,752	\$5,626,127	\$5,001,002	\$3,750,752	\$56,261,275
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	53,629,094	53,629,094
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	53,629,094	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	1,487,798	5,238,550	10,239,552	16,490,805	22,742,058	27,743,060	32,118,936	35,869,688	39,620,440	43,371,192	48,997,319	53,998,321	4,119,979	
5	Net Investment (Lines 2 + 3 + 4)	\$1,487,798	\$5,238,550	\$10,239,552	\$16,490,805	\$22,742,058	\$27,743,060	\$32,118,936	\$35,869,688	\$39,620,440	\$43,371,192	\$48,997,319	\$53,998,321	\$57,749,073	
6	Average Net Investment		\$3,363,174	\$7,739,051	\$13,365,178	\$19,616,431	\$25,242,559	\$29,930,998	\$33,994,312	\$37,745,064	\$41,495,816	\$46,184,255	\$51,497,820	\$55,873,697	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$4,750	\$10,931	\$18,878	\$27,708	\$35,655	\$42,278	\$48,017	\$53,315	\$58,613	\$65,235	\$72,741	\$78,922	\$17,043
	b. Equity Component Grossed Up For Taxes	5.89%	\$16,502	\$37,973	\$65,578	\$96,251	\$123,857	\$146,861	\$166,799	\$185,202	\$203,606	\$226,611	\$252,683	\$274,154	1,796,077
	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	0.007460	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,340	33,340
	e. Other	3.0%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$21,252	\$48,904	\$84,457	\$123,959	\$159,512	\$189,139	\$214,816	\$238,517	\$262,219	\$291,846	\$325,423	\$386,415	\$2,346,460
	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		\$21,252	\$48,904	\$84,457	\$123,959	\$159,512	\$189,139	\$214,816	\$238,517	\$262,219	\$291,846	\$325,423	\$386,415	\$2,346,460
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 - Distribution		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		21,252	48,904	84,457	123,959	159,512	189,139	214,816	238,517	262,219	291,846	325,423	386,415	2,346,460
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$21,252	\$48,904	\$84,457	\$123,959	\$159,512	\$189,139	\$214,816	\$238,517	\$262,219	\$291,846	\$325,423	\$386,415	\$2,346,460

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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 Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 24 of 43
Page 62 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening UG - Distribution - (FERC 368)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$608,999	\$811,999	\$1,014,999	\$1,014,999	\$811,999	\$710,499	\$608,999	\$608,999	\$608,999	\$913,499	\$811,999	\$608,999	\$9,134,987
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	8,707,607	8,707,607
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	8,707,607	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	241,570	850,569	1,662,568	2,677,566	3,692,565	4,504,564	5,215,062	5,824,062	6,433,061	7,042,060	7,955,559	8,767,557	668,949	
5	Net Investment (Lines 2 + 3 + 4)	\$241,570	\$850,569	\$1,662,568	\$2,677,566	\$3,692,565	\$4,504,564	\$5,215,062	\$5,824,062	\$6,433,061	\$7,042,060	\$7,955,559	\$8,767,557	\$9,376,557	
6	Average Net Investment		\$546,069	\$1,256,568	\$2,170,067	\$3,185,065	\$4,098,564	\$4,859,813	\$5,519,562	\$6,128,561	\$6,737,560	\$7,498,809	\$8,361,558	\$9,072,057	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$771	\$1,775	\$3,065	\$4,499	\$5,789	\$6,864	\$7,796	\$8,657	\$9,517	\$10,592	\$11,811	\$12,814	83,951
	b. Equity Component Grossed Up For Taxes	5.89%	\$2,679	\$6,166	\$10,648	\$15,628	\$20,110	\$23,845	\$27,083	\$30,071	\$33,059	\$36,794	\$41,027	\$44,514	291,624
	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	0.007460	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,413	5,413
	e. Other	2.9%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,451	\$7,940	\$13,713	\$20,127	\$25,900	\$30,710	\$34,879	\$38,727	\$42,576	\$47,386	\$52,838	\$62,741	\$380,988
	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		\$3,451	\$7,940	\$13,713	\$20,127	\$25,900	\$30,710	\$34,879	\$38,727	\$42,576	\$47,386	\$52,838	\$62,741	\$380,988
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		3,451	7,940	13,713	20,127	25,900	30,710	34,879	38,727	42,576	47,386	52,838	62,741	380,988
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$3,451	\$7,940	\$13,713	\$20,127	\$25,900	\$30,710	\$34,879	\$38,727	\$42,576	\$47,386	\$52,838	\$62,741	\$380,988

Notes:

(A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005091

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening UG - Distribution - (FERC 369.2)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 25 of 43
Page 63 of 84

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$774,055	\$1,032,073	\$1,290,092	\$1,290,092	\$1,032,073	\$903,064	\$774,055	\$774,055	\$774,055	\$1,161,082	\$1,032,073	\$774,055	\$11,610,825
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	11,067,613	11,067,613
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	11,067,613	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	307,042	1,081,097	2,113,170	3,403,262	4,693,353	5,725,427	6,628,491	7,402,546	8,176,601	8,950,656	10,111,738	11,143,811	850,254	
5	Net Investment (Lines 2 + 3 + 4)	\$307,042	\$1,081,097	\$2,113,170	\$3,403,262	\$4,693,353	\$5,725,427	\$6,628,491	\$7,402,546	\$8,176,601	\$8,950,656	\$10,111,738	\$11,143,811	\$11,917,866	
6	Average Net Investment		\$694,069	\$1,597,133	\$2,758,216	\$4,048,308	\$5,209,390	\$6,176,959	\$7,015,518	\$7,789,573	\$8,563,628	\$9,531,197	\$10,627,775	\$11,530,839	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$980	\$2,256	\$3,896	\$5,718	\$7,358	\$8,725	\$9,909	\$11,003	\$12,096	\$13,463	\$15,012	\$16,287	106,704
	b. Equity Component Grossed Up For Taxes	5.89%	\$3,406	\$7,837	\$13,534	\$19,864	\$25,561	\$30,308	\$34,423	\$38,221	\$42,019	\$46,766	\$52,147	\$56,578	370,662
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	2.2%	\$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	0.007460	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,880	6,880
	e. Other	2.2%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$4,386	\$10,093	\$17,430	\$25,582	\$32,919	\$39,033	\$44,332	\$49,224	\$54,115	\$60,229	\$67,159	\$79,746	\$484,247
	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		\$4,386	\$10,093	\$17,430	\$25,582	\$32,919	\$39,033	\$44,332	\$49,224	\$54,115	\$60,229	\$67,159	\$79,746	\$484,247
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		4,386	10,093	17,430	25,582	32,919	39,033	44,332	49,224	54,115	60,229	67,159	79,746	484,247
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$4,386	\$10,093	\$17,430	\$25,582	\$32,919	\$39,033	\$44,332	\$49,224	\$54,115	\$60,229	\$67,159	\$79,746	\$484,247

Notes:

(A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005092

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Return on Capital Investments, Depreciation and Taxes
For Project: Lateral Hardening UG - Distribution - (FERC 397)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 26 of 43
Page 64 of 84

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$108,140	\$144,187	\$180,233	\$180,233	\$144,187	\$126,163	\$108,140	\$108,140	\$108,140	\$162,210	\$144,187	\$108,140	\$1,622,100
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	1,546,211	1,546,211
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	1,546,211	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	42,896	151,036	295,222	475,456	655,689	799,876	926,039	1,034,179	1,142,319	1,250,459	1,412,669	1,556,856	118,785	
5	Net Investment (Lines 2 + 3 + 4)	\$42,896	\$151,036	\$295,222	\$475,456	\$655,689	\$799,876	\$926,039	\$1,034,179	\$1,142,319	\$1,250,459	\$1,412,669	\$1,556,856	\$1,664,996	
6	Average Net Investment		\$96,966	\$223,129	\$385,339	\$565,572	\$727,782	\$862,957	\$980,109	\$1,088,249	\$1,196,389	\$1,331,564	\$1,484,763	\$1,610,926	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$137	\$315	\$544	\$799	\$1,028	\$1,219	\$1,384	\$1,537	\$1,690	\$1,881	\$2,097	\$2,275	14,907
	b. Equity Component Grossed Up For Taxes	5.89%	\$476	\$1,095	\$1,891	\$2,775	\$3,571	\$4,234	\$4,809	\$5,340	\$5,870	\$6,534	\$7,285	\$7,904	51,784
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	14.3%	\$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	0.007460	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$961	961
	e. Other	14.3%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$613	\$1,410	\$2,435	\$3,574	\$4,599	\$5,453	\$6,193	\$6,877	\$7,560	\$8,414	\$9,382	\$11,141	\$67,652
	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		\$613	\$1,410	\$2,435	\$3,574	\$4,599	\$5,453	\$6,193	\$6,877	\$7,560	\$8,414	\$9,382	\$11,141	\$67,652
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		613	1,410	2,435	3,574	4,599	5,453	6,193	6,877	7,560	8,414	9,382	11,141	67,652
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$613	\$1,410	\$2,435	\$3,574	\$4,599	\$5,453	\$6,193	\$6,877	\$7,560	\$8,414	\$9,382	\$11,141	\$67,652

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005093

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 27 of 43
Page 65 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 362)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$341,673	\$455,564	\$569,456	\$569,456	\$455,564	\$398,619	\$341,673	\$341,673	\$341,673	\$512,510	\$455,564	\$341,673	\$5,125,100
	b. Clearings to Plant		120,900	161,200	201,500	201,500	161,200	141,050	120,900	120,900	120,900	181,350	161,200	2,481,500	4,174,100
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	120,900	282,100	483,600	685,100	846,300	987,350	1,108,250	1,229,150	1,350,050	1,531,400	1,692,600	4,174,100	
3	Less: Accumulated Depreciation	0	0	(181)	(605)	(1,330)	(2,358)	(3,627)	(5,108)	(6,770)	(8,614)	(10,639)	(12,936)	(15,475)	
4	CWIP - Non-Interest Bearing	279,033	499,807	794,171	1,162,127	1,530,082	1,824,447	2,082,015	2,302,789	2,523,562	2,744,335	3,075,495	3,369,860	1,230,033	
5	Net Investment (Lines 2 + 3 + 4)	\$279,033	\$620,707	\$1,076,090	\$1,645,122	\$2,213,852	\$2,668,389	\$3,065,738	\$3,405,931	\$3,745,942	\$4,085,771	\$4,596,256	\$5,049,524	\$5,388,658	
6	Average Net Investment		\$449,870	\$848,398	\$1,360,606	\$1,929,487	\$2,441,121	\$2,867,064	\$3,235,835	\$3,575,936	\$3,915,857	\$4,341,014	\$4,822,890	\$5,219,091	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$635	\$1,198	\$1,922	\$2,725	\$3,448	\$4,050	\$4,571	\$5,051	\$5,531	\$6,132	\$6,812	\$7,372	49,448
	b. Equity Component Grossed Up For Taxes	5.89%	\$2,207	\$4,163	\$6,676	\$9,467	\$11,978	\$14,068	\$15,877	\$17,546	\$19,214	\$21,300	\$23,664	\$25,608	171,769
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	1.8%	\$0	\$181	\$423	\$725	\$1,028	\$1,269	\$1,481	\$1,662	\$1,844	\$2,025	\$2,297	\$2,539	15,475
	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	0.007460	\$75	\$175	\$301	\$426	\$526	\$614	\$689	\$764	\$839	\$952	\$1,052	\$2,595	9,009
	e. Other	1.8%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,918	\$5,718	\$9,322	\$13,344	\$16,980	\$20,001	\$22,618	\$25,023	\$27,428	\$30,409	\$33,826	\$38,114	\$245,700
	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		\$2,918	\$5,718	\$9,322	\$13,344	\$16,980	\$20,001	\$22,618	\$25,023	\$27,428	\$30,409	\$33,826	\$38,114	\$245,700
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		2,918	5,718	9,322	13,344	16,980	20,001	22,618	25,023	27,428	30,409	33,826	38,114	245,700
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$2,918	\$5,718	\$9,322	\$13,344	\$16,980	\$20,001	\$22,618	\$25,023	\$27,428	\$30,409	\$33,826	\$38,114	\$245,700

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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 Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 28 of 43
Page 66 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 364)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$341,673	\$455,564	\$569,456	\$569,456	\$455,564	\$398,619	\$341,673	\$341,673	\$341,673	\$512,510	\$455,564	\$341,673	\$5,125,100
	b. Clearings to Plant		120,900	161,200	201,500	201,500	161,200	141,050	120,900	120,900	120,900	181,350	161,200	2,481,500	4,174,100
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	120,900	282,100	483,600	685,100	846,300	987,350	1,108,250	1,229,150	1,350,050	1,531,400	1,692,600	4,174,100	
3	Less: Accumulated Depreciation	0	0	(423)	(1,411)	(3,103)	(5,501)	(8,463)	(11,919)	(15,798)	(20,100)	(24,825)	(30,185)	(36,109)	
4	CWIP - Non-Interest Bearing	279,033	499,807	794,171	1,162,127	1,530,082	1,824,447	2,082,015	2,302,789	2,523,562	2,744,335	3,075,495	3,369,860	1,230,033	
5	Net Investment (Lines 2 + 3 + 4)	\$279,033	\$620,707	\$1,075,848	\$1,644,316	\$2,212,079	\$2,665,246	\$3,060,902	\$3,399,120	\$3,736,915	\$4,074,286	\$4,582,071	\$5,032,275	\$5,368,024	
6	Average Net Investment		\$449,870	\$848,277	\$1,360,082	\$1,928,198	\$2,438,662	\$2,863,074	\$3,230,011	\$3,568,017	\$3,905,600	\$4,328,178	\$4,807,173	\$5,200,150	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$635	\$1,198	\$1,921	\$2,724	\$3,445	\$4,044	\$4,562	\$5,040	\$5,517	\$6,114	\$6,790	\$7,345	49,335
	b. Equity Component Grossed Up For Taxes	5.89%	\$2,207	\$4,162	\$6,673	\$9,461	\$11,966	\$14,048	\$15,849	\$17,507	\$19,163	\$21,237	\$23,587	\$25,515	171,377
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	4.2%	\$0	\$423	\$987	\$1,693	\$2,398	\$2,962	\$3,456	\$3,879	\$4,302	\$4,725	\$5,360	\$5,924	36,109
	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	0.007460	\$75	\$175	\$301	\$426	\$526	\$614	\$689	\$764	\$839	\$952	\$1,052	\$2,595	9,009
	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)		\$2,918	\$5,959	\$9,883	\$14,303	\$18,334	\$21,668	\$24,556	\$27,190	\$29,821	\$33,028	\$36,789	\$41,380	\$265,829
	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		\$2,918	\$5,959	\$9,883	\$14,303	\$18,334	\$21,668	\$24,556	\$27,190	\$29,821	\$33,028	\$36,789	\$41,380	\$265,829
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		2,918	5,959	9,883	14,303	18,334	21,668	24,556	27,190	29,821	33,028	36,789	41,380	265,829
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$2,918	\$5,959	\$9,883	\$14,303	\$18,334	\$21,668	\$24,556	\$27,190	\$29,821	\$33,028	\$36,789	\$41,380	\$265,829

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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 Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 29 of 43
Page 67 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 365)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$2,323,379	\$3,097,838	\$3,872,298	\$3,872,298	\$3,097,838	\$2,710,608	\$2,323,379	\$2,323,379	\$2,323,379	\$3,485,068	\$3,097,838	\$2,323,379	\$34,850,680
	b. Clearings to Plant		822,120	1,096,160	1,370,200	1,370,200	1,096,160	959,140	822,120	822,120	822,120	1,233,180	1,096,160	16,874,200	28,383,880
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	822,120	1,918,280	3,288,480	4,658,680	5,754,840	6,713,980	7,536,100	8,358,220	9,180,340	10,413,520	11,509,680	28,383,880	
3	Less: Accumulated Depreciation	0	0	(1,850)	(6,166)	(13,565)	(24,047)	(36,995)	(52,102)	(69,058)	(87,864)	(108,520)	(131,950)	(157,847)	
4	CWIP - Non-Interest Bearing	1,897,426	3,398,685	5,400,363	7,902,461	10,404,558	12,406,237	14,157,705	15,658,964	17,160,222	18,661,481	20,913,369	22,915,047	8,364,226	
5	Net Investment (Lines 2 + 3 + 4)	\$1,897,426	\$4,220,805	\$7,316,793	\$11,184,775	\$15,049,673	\$18,137,030	\$20,834,690	\$23,142,962	\$25,449,384	\$27,753,957	\$31,218,369	\$34,292,777	\$36,590,259	
6	Average Net Investment		\$3,059,115	\$5,768,799	\$9,250,784	\$13,117,224	\$16,593,351	\$19,485,860	\$21,988,826	\$24,296,173	\$26,601,671	\$29,486,163	\$32,755,573	\$35,441,518	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$4,321	\$8,148	\$13,067	\$18,528	\$23,438	\$27,524	\$31,059	\$34,318	\$37,575	\$41,649	\$46,267	\$50,061	335,956
	b. Equity Component Grossed Up For Taxes	5.89%	\$15,010	\$28,306	\$45,391	\$64,362	\$81,418	\$95,611	\$107,892	\$119,213	\$130,526	\$144,679	\$160,721	\$173,900	1,167,026
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	2.7%	\$0	\$1,850	\$4,316	\$7,399	\$10,482	\$12,948	\$15,106	\$16,956	\$18,806	\$20,656	\$23,430	\$25,897	157,847
	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	0.007460	\$511	\$1,193	\$2,044	\$2,896	\$3,578	\$4,174	\$4,685	\$5,196	\$5,707	\$6,474	\$7,155	\$17,646	61,259
	e. Other	2.7%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$19,842	\$39,496	\$64,818	\$93,185	\$118,916	\$140,257	\$158,743	\$175,684	\$192,614	\$213,458	\$237,574	\$267,503	\$1,722,088
	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		\$19,842	\$39,496	\$64,818	\$93,185	\$118,916	\$140,257	\$158,743	\$175,684	\$192,614	\$213,458	\$237,574	\$267,503	\$1,722,088
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		19,842	39,496	64,818	93,185	118,916	140,257	158,743	175,684	192,614	213,458	237,574	267,503	1,722,088
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$19,842	\$39,496	\$64,818	\$93,185	\$118,916	\$140,257	\$158,743	\$175,684	\$192,614	\$213,458	\$237,574	\$267,503	\$1,722,088

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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 Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 30 of 43
Page 68 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 367)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$136,669	\$182,226	\$227,782	\$227,782	\$182,226	\$159,448	\$136,669	\$136,669	\$136,669	\$205,004	\$182,226	\$136,669	\$2,050,040
	b. Clearings to Plant		48,360	64,480	80,600	80,600	64,480	56,420	48,360	48,360	48,360	72,540	64,480	992,600	1,669,640
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	48,360	112,840	193,440	274,040	338,520	394,940	443,300	491,660	540,020	612,560	677,040	1,669,640	
3	Less: Accumulated Depreciation	0	0	(121)	(403)	(887)	(1,572)	(2,418)	(3,405)	(4,514)	(5,743)	(7,093)	(8,624)	(10,317)	
4	CWIP - Non-Interest Bearing	111,613	199,923	317,668	464,851	612,033	729,779	832,806	921,116	1,009,425	1,097,734	1,230,198	1,347,944	492,013	
5	Net Investment (Lines 2 + 3 + 4)	\$111,613	\$248,283	\$430,387	\$657,888	\$885,186	\$1,066,727	\$1,225,328	\$1,361,010	\$1,496,571	\$1,632,011	\$1,835,665	\$2,016,360	\$2,151,336	
6	Average Net Investment		\$179,948	\$339,335	\$544,138	\$771,537	\$975,957	\$1,146,028	\$1,293,169	\$1,428,791	\$1,564,291	\$1,733,838	\$1,926,013	\$2,083,848	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$254	\$479	\$769	\$1,090	\$1,379	\$1,619	\$1,827	\$2,018	\$2,210	\$2,449	\$2,720	\$2,943	19,756
	b. Equity Component Grossed Up For Taxes	5.89%	\$883	\$1,665	\$2,670	\$3,786	\$4,789	\$5,623	\$6,345	\$7,011	\$7,675	\$8,507	\$9,450	\$10,225	68,629
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	3.0%	\$0	\$121	\$282	\$484	\$685	\$846	\$987	\$1,108	\$1,229	\$1,350	\$1,531	\$1,693	10,317
	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	0.007460	\$30	\$70	\$120	\$170	\$210	\$246	\$276	\$306	\$336	\$381	\$421	\$1,038	3,603
	e. Other	3.0%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,167	\$2,335	\$3,841	\$5,529	\$7,063	\$8,334	\$9,435	\$10,443	\$11,450	\$12,687	\$14,123	\$15,899	\$102,306
	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		\$1,167	\$2,335	\$3,841	\$5,529	\$7,063	\$8,334	\$9,435	\$10,443	\$11,450	\$12,687	\$14,123	\$15,899	\$102,306
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		1,167	2,335	3,841	5,529	7,063	8,334	9,435	10,443	11,450	12,687	14,123	15,899	102,306
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,167	\$2,335	\$3,841	\$5,529	\$7,063	\$8,334	\$9,435	\$10,443	\$11,450	\$12,687	\$14,123	\$15,899	\$102,306

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005097

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 31 of 43
Page 69 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 368)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$205,004	\$273,339	\$341,673	\$341,673	\$273,339	\$239,171	\$205,004	\$205,004	\$205,004	\$307,506	\$273,339	\$205,004	\$3,075,060
	b. Clearings to Plant		72,540	96,720	120,900	120,900	96,720	84,630	72,540	72,540	72,540	108,810	96,720	1,488,900	2,504,460
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	72,540	169,260	290,160	411,060	507,780	592,410	664,950	737,490	810,030	918,840	1,015,560	2,504,460	
3	Less: Accumulated Depreciation	0	0	(175)	(584)	(1,286)	(2,279)	(3,506)	(4,938)	(6,545)	(8,327)	(10,285)	(12,505)	(14,959)	
4	CWIP - Non-Interest Bearing	167,420	299,884	476,503	697,276	918,049	1,094,668	1,249,209	1,381,673	1,514,137	1,646,601	1,845,297	2,021,916	738,020	
5	Net Investment (Lines 2 + 3 + 4)	\$167,420	\$372,424	\$645,587	\$986,852	\$1,327,824	\$1,600,169	\$1,838,113	\$2,041,686	\$2,245,083	\$2,448,304	\$2,753,853	\$3,024,971	\$3,227,521	
6	Average Net Investment		\$269,922	\$509,006	\$816,219	\$1,157,338	\$1,463,996	\$1,719,141	\$1,939,899	\$2,143,384	\$2,346,693	\$2,601,078	\$2,889,412	\$3,126,246	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$381	\$719	\$1,153	\$1,635	\$2,068	\$2,428	\$2,740	\$3,028	\$3,315	\$3,674	\$4,081	\$4,416	29,638
	b. Equity Component Grossed Up For Taxes	5.89%	\$1,324	\$2,498	\$4,005	\$5,679	\$7,183	\$8,435	\$9,518	\$10,517	\$11,514	\$12,763	\$14,177	\$15,339	102,953
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	2.9%	\$0	\$175	\$409	\$701	\$993	\$1,227	\$1,432	\$1,607	\$1,782	\$1,958	\$2,221	\$2,454	14,959
	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	0.007460	\$45	\$105	\$180	\$256	\$316	\$368	\$413	\$458	\$504	\$571	\$631	\$1,557	5,405
	e. Other	2.9%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,751	\$3,497	\$5,747	\$8,270	\$10,560	\$12,459	\$14,104	\$15,610	\$17,115	\$18,965	\$21,111	\$23,766	\$152,955
	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		\$1,751	\$3,497	\$5,747	\$8,270	\$10,560	\$12,459	\$14,104	\$15,610	\$17,115	\$18,965	\$21,111	\$23,766	\$152,955
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		1,751	3,497	5,747	8,270	10,560	12,459	14,104	15,610	17,115	18,965	21,111	23,766	152,955
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,751	\$3,497	\$5,747	\$8,270	\$10,560	\$12,459	\$14,104	\$15,610	\$17,115	\$18,965	\$21,111	\$23,766	\$152,955

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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 Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 32 of 43
Page 70 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 369.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$34,167	\$45,556	\$56,946	\$56,946	\$45,556	\$39,862	\$34,167	\$34,167	\$34,167	\$51,251	\$45,556	\$34,167	\$512,510
	b. Clearings to Plant		12,090	16,120	20,150	20,150	16,120	14,105	12,090	12,090	12,090	18,135	16,120	248,150	417,410
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	12,090	28,210	48,360	68,510	84,630	98,735	110,825	122,915	135,005	153,140	169,260	417,410	
3	Less: Accumulated Depreciation	0	0	(40)	(134)	(296)	(524)	(806)	(1,135)	(1,505)	(1,914)	(2,364)	(2,875)	(3,439)	
4	CWIP - Non-Interest Bearing	27,903	49,981	79,417	116,213	153,008	182,445	208,202	230,279	252,356	274,434	307,550	336,986	123,003	
5	Net Investment (Lines 2 + 3 + 4)	\$27,903	\$62,071	\$107,587	\$164,438	\$221,223	\$266,551	\$306,131	\$339,969	\$373,767	\$407,524	\$458,325	\$503,371	\$536,974	
6	Average Net Investment		\$44,987	\$84,829	\$136,013	\$192,830	\$243,887	\$286,341	\$323,050	\$356,868	\$390,645	\$432,925	\$480,848	\$520,173	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$64	\$120	\$192	\$272	\$344	\$404	\$456	\$504	\$552	\$612	\$679	\$735	4,934
	b. Equity Component Grossed Up For Taxes	5.89%	\$221	\$416	\$667	\$946	\$1,197	\$1,405	\$1,585	\$1,751	\$1,917	\$2,124	\$2,359	\$2,552	17,141
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	4.0%	\$0	\$40	\$94	\$161	\$228	\$282	\$329	\$369	\$410	\$450	\$510	\$564	3,439
	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	0.007460	\$8	\$18	\$30	\$43	\$53	\$61	\$69	\$76	\$84	\$95	\$105	\$259	901
	e. Other	4.0%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$292	\$594	\$984	\$1,422	\$1,822	\$2,153	\$2,439	\$2,701	\$2,962	\$3,281	\$3,654	\$4,111	\$26,415
	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		\$292	\$594	\$984	\$1,422	\$1,822	\$2,153	\$2,439	\$2,701	\$2,962	\$3,281	\$3,654	\$4,111	\$26,415
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		292	594	984	1,422	1,822	2,153	2,439	2,701	2,962	3,281	3,654	4,111	26,415
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$292	\$594	\$984	\$1,422	\$1,822	\$2,153	\$2,439	\$2,701	\$2,962	\$3,281	\$3,654	\$4,111	\$26,415

Notes:

(A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005099

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 33 of 43
Page 71 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: SOG Automation - Distribution - (FERC 370)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$34,167	\$45,556	\$56,946	\$56,946	\$45,556	\$39,862	\$34,167	\$34,167	\$34,167	\$51,251	\$45,556	\$34,167	\$512,510
	b. Clearings to Plant		12,090	16,120	20,150	20,150	16,120	14,105	12,090	12,090	12,090	18,135	16,120	248,150	417,410
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	12,090	28,210	48,360	68,510	84,630	98,735	110,825	122,915	135,005	153,140	169,260	417,410	
3	Less: Accumulated Depreciation	0	0	(60)	(202)	(443)	(786)	(1,209)	(1,703)	(2,257)	(2,871)	(3,546)	(4,312)	(5,158)	
4	CWIP - Non-Interest Bearing	27,903	49,981	79,417	116,213	153,008	182,445	208,202	230,279	252,356	274,434	307,550	336,986	123,003	
5	Net Investment (Lines 2 + 3 + 4)	\$27,903	\$62,071	\$107,567	\$164,371	\$221,075	\$266,289	\$305,728	\$339,401	\$373,014	\$406,567	\$457,143	\$501,934	\$535,255	
6	Average Net Investment		\$44,987	\$84,819	\$135,969	\$192,723	\$243,682	\$286,008	\$322,564	\$356,208	\$389,791	\$431,855	\$479,539	\$518,594	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$64	\$120	\$192	\$272	\$344	\$404	\$456	\$503	\$551	\$610	\$677	\$733	4,925
	b. Equity Component Grossed Up For Taxes	5.89%	\$221	\$416	\$667	\$946	\$1,196	\$1,403	\$1,583	\$1,748	\$1,913	\$2,119	\$2,353	\$2,545	17,108
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	6.0%	\$0	\$60	\$141	\$242	\$343	\$423	\$494	\$554	\$615	\$675	\$766	\$846	5,158
	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	0.007460	\$8	\$18	\$30	\$43	\$53	\$61	\$69	\$76	\$84	\$95	\$105	\$259	901
	e. Other	6.0%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$292	\$614	\$1,030	\$1,502	\$1,935	\$2,292	\$2,601	\$2,881	\$3,162	\$3,499	\$3,901	\$4,383	\$28,093
	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		\$292	\$614	\$1,030	\$1,502	\$1,935	\$2,292	\$2,601	\$2,881	\$3,162	\$3,499	\$3,901	\$4,383	\$28,093
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		292	614	1,030	1,502	1,935	2,292	2,601	2,881	3,162	3,499	3,901	4,383	28,093
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$292	\$614	\$1,030	\$1,502	\$1,935	\$2,292	\$2,601	\$2,881	\$3,162	\$3,499	\$3,901	\$4,383	\$28,093

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005100

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Return on Capital Investments, Depreciation and Taxes
For Project: SOG C&C - Distribution - (FERC 364)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 34 of 43
Page 72 of 84

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$325,641	\$434,188	\$542,735	\$542,735	\$434,188	\$379,915	\$325,641	\$325,641	\$325,641	\$488,462	\$434,188	\$325,641	\$4,884,617
	b. Clearings to Plant		274,250	365,667	457,083	457,083	365,667	319,958	274,250	274,250	274,250	411,375	365,667	990,938	4,830,437
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	274,250	639,916	1,097,000	1,554,083	1,919,749	2,239,708	2,513,958	2,788,208	3,062,457	3,473,832	3,839,499	4,830,437	
3	Less: Accumulated Depreciation	0	0	(960)	(3,200)	(7,039)	(12,478)	(19,197)	(27,036)	(35,835)	(45,594)	(56,313)	(68,471)	(81,909)	
4	CWIP - Non-Interest Bearing	159,564	210,955	279,477	365,129	450,781	519,303	579,259	630,650	682,041	733,433	810,519	879,041	213,744	
5	Net Investment (Lines 2 + 3 + 4)	\$159,564	\$485,205	\$918,434	\$1,458,929	\$1,997,825	\$2,426,574	\$2,799,769	\$3,117,571	\$3,434,414	\$3,750,296	\$4,228,039	\$4,650,069	\$4,962,272	
6	Average Net Investment		\$322,385	\$701,819	\$1,188,681	\$1,728,377	\$2,212,199	\$2,613,171	\$2,958,670	\$3,275,992	\$3,592,355	\$3,989,167	\$4,439,054	\$4,806,170	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$455	\$991	\$1,679	\$2,441	\$3,125	\$3,691	\$4,179	\$4,627	\$5,074	\$5,635	\$6,270	\$6,789	44,957
	b. Equity Component Grossed Up For Taxes	5.89%	\$1,582	\$3,444	\$5,832	\$8,481	\$10,855	\$12,822	\$14,517	\$16,074	\$17,626	\$19,574	\$21,781	\$23,582	156,170
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	4.2%	\$0	\$960	\$2,240	\$3,839	\$5,439	\$6,719	\$7,839	\$8,799	\$9,759	\$10,719	\$12,158	\$13,438	81,909
	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	0.007460	\$170	\$398	\$682	\$966	\$1,193	\$1,392	\$1,563	\$1,733	\$1,904	\$2,160	\$2,387	\$3,003	17,552
	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)		\$2,208	\$5,793	\$10,433	\$15,728	\$20,612	\$24,625	\$28,098	\$31,234	\$34,363	\$38,086	\$42,596	\$46,812	\$300,588
	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		\$2,208	\$5,793	\$10,433	\$15,728	\$20,612	\$24,625	\$28,098	\$31,234	\$34,363	\$38,086	\$42,596	\$46,812	\$300,588
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		2,208	5,793	10,433	15,728	20,612	24,625	28,098	31,234	34,363	38,086	42,596	46,812	300,588
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$2,208	\$5,793	\$10,433	\$15,728	\$20,612	\$24,625	\$28,098	\$31,234	\$34,363	\$38,086	\$42,596	\$46,812	\$300,588

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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 Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 35 of 43
Page 73 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: SOG C&C - Distribution - (FERC 365)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$992,430	\$1,323,240	\$1,654,050	\$1,654,050	\$1,323,240	\$1,157,835	\$992,430	\$992,430	\$992,430	\$1,488,645	\$1,323,240	\$992,430	\$14,886,451
	b. Clearings to Plant		835,809	1,114,412	1,393,015	1,393,015	1,114,412	975,111	835,809	835,809	835,809	1,253,714	1,114,412	3,020,001	14,721,331
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	835,809	1,950,222	3,343,237	4,736,253	5,850,665	6,825,776	7,661,585	8,497,394	9,333,204	10,586,918	11,701,330	14,721,331	
3	Less: Accumulated Depreciation	0	0	(1,881)	(6,269)	(13,791)	(24,447)	(37,611)	(52,969)	(70,208)	(89,327)	(110,327)	(134,147)	(160,475)	
4	CWIP - Non-Interest Bearing	486,291	642,912	851,739	1,112,774	1,373,809	1,582,636	1,765,361	1,921,981	2,078,602	2,235,223	2,470,154	2,678,982	651,411	
5	Net Investment (Lines 2 + 3 + 4)	\$486,291	\$1,478,721	\$2,800,080	\$4,449,742	\$6,096,270	\$7,408,854	\$8,553,525	\$9,530,597	\$10,505,789	\$11,479,100	\$12,946,745	\$14,246,164	\$15,212,267	
6	Average Net Investment		\$982,506	\$2,139,401	\$3,624,911	\$5,273,006	\$6,752,562	\$7,981,189	\$9,042,061	\$10,018,193	\$10,992,444	\$12,212,922	\$13,596,455	\$14,729,216	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$1,388	\$3,022	\$5,120	\$7,448	\$9,538	\$11,273	\$12,772	\$14,151	\$15,527	\$17,251	\$19,205	\$20,805	137,500
	b. Equity Component Grossed Up For Taxes	5.89%	\$4,821	\$10,497	\$17,786	\$25,873	\$33,133	\$39,161	\$44,366	\$49,156	\$53,936	\$59,925	\$66,713	\$72,271	477,639
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	2.7%	\$0	\$1,881	\$4,388	\$7,522	\$10,657	\$13,164	\$15,358	\$17,239	\$19,119	\$21,000	\$23,821	\$26,328	160,475
	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	0.007460	\$520	\$1,212	\$2,078	\$2,944	\$3,637	\$4,243	\$4,763	\$5,283	\$5,802	\$6,582	\$7,274	\$9,152	53,491
	e. Other	2.7%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$6,728	\$16,612	\$29,373	\$43,788	\$56,964	\$67,842	\$77,259	\$85,828	\$94,384	\$104,757	\$117,013	\$128,556	\$829,105
	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		\$6,728	\$16,612	\$29,373	\$43,788	\$56,964	\$67,842	\$77,259	\$85,828	\$94,384	\$104,757	\$117,013	\$128,556	\$829,105
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		6,728	16,612	29,373	43,788	56,964	67,842	77,259	85,828	94,384	104,757	117,013	128,556	829,105
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$6,728	\$16,612	\$29,373	\$43,788	\$56,964	\$67,842	\$77,259	\$85,828	\$94,384	\$104,757	\$117,013	\$128,556	\$829,105

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005102

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 36 of 43
Page 74 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: SOG C&C - Distribution - (FERC 368)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$232,601	\$310,134	\$387,668	\$387,668	\$310,134	\$271,368	\$232,601	\$232,601	\$232,601	\$348,901	\$310,134	\$232,601	\$3,489,012
	b. Clearings to Plant		195,893	261,190	326,488	326,488	261,190	228,542	195,893	195,893	195,893	293,839	261,190	707,813	3,450,312
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	195,893	457,083	783,571	1,110,059	1,371,250	1,599,791	1,795,684	1,991,577	2,187,470	2,481,309	2,742,499	3,450,312	
3	Less: Accumulated Depreciation	0	0	(473)	(1,578)	(3,472)	(6,154)	(9,468)	(13,334)	(17,674)	(22,487)	(27,773)	(33,770)	(40,397)	
4	CWIP - Non-Interest Bearing	113,974	150,682	199,626	260,806	321,986	370,930	413,756	450,464	487,172	523,880	578,942	627,886	152,674	
5	Net Investment (Lines 2 + 3 + 4)	\$113,974	\$346,575	\$656,236	\$1,042,800	\$1,428,574	\$1,736,026	\$2,004,079	\$2,232,814	\$2,461,075	\$2,688,863	\$3,032,478	\$3,336,616	\$3,562,589	
6	Average Net Investment		\$230,275	\$501,406	\$849,518	\$1,235,687	\$1,582,300	\$1,870,053	\$2,118,447	\$2,346,945	\$2,574,969	\$2,860,671	\$3,184,547	\$3,449,602	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$325	\$708	\$1,200	\$1,745	\$2,235	\$2,641	\$2,992	\$3,315	\$3,637	\$4,041	\$4,498	\$4,873	32,211
	b. Equity Component Grossed Up For Taxes	5.89%	\$1,130	\$2,460	\$4,168	\$6,063	\$7,764	\$9,176	\$10,395	\$11,516	\$12,635	\$14,036	\$15,626	\$16,926	111,894
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	2.9%	\$0	\$473	\$1,105	\$1,894	\$2,683	\$3,314	\$3,866	\$4,340	\$4,813	\$5,286	\$5,996	\$6,628	40,397
	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	0.007460	\$122	\$284	\$487	\$690	\$852	\$995	\$1,116	\$1,238	\$1,360	\$1,543	\$1,705	\$2,145	12,537
	e. Other	2.9%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,577	\$3,926	\$6,960	\$10,392	\$13,534	\$16,126	\$18,369	\$20,408	\$22,445	\$24,906	\$27,825	\$30,571	\$197,039
	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		\$1,577	\$3,926	\$6,960	\$10,392	\$13,534	\$16,126	\$18,369	\$20,408	\$22,445	\$24,906	\$27,825	\$30,571	\$197,039
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		1,577	3,926	6,960	10,392	13,534	16,126	18,369	20,408	22,445	24,906	27,825	30,571	197,039
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,577	\$3,926	\$6,960	\$10,392	\$13,534	\$16,126	\$18,369	\$20,408	\$22,445	\$24,906	\$27,825	\$30,571	\$197,039

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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 Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. __ (CAM-2)
Form 4P
Page 37 of 43
Page 75 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Underground Flood Mitigation - Distribution - (FERC 366)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$3,709	\$5,934	\$5,192	\$4,450	\$4,450	\$4,450	\$6,675	\$5,934	\$4,450	\$45,244
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	45,244	45,244
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	45,244	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	3,709	9,642	14,834	19,284	23,735	28,185	34,860	40,794	0	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$3,709	\$9,642	\$14,834	\$19,284	\$23,735	\$28,185	\$34,860	\$40,794	\$45,244	
6	Average Net Investment		\$0	\$0	\$0	\$1,854	\$6,675	\$12,238	\$17,059	\$21,510	\$25,960	\$31,523	\$37,827	\$43,019	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$0	\$0	\$0	\$3	\$9	\$17	\$24	\$30	\$37	\$45	\$53	\$61	279
	b. Equity Component Grossed Up For Taxes	5.89%	\$0	\$0	\$0	\$9	\$33	\$60	\$84	\$106	\$127	\$155	\$186	\$211	970
	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	\$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	0.007460	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	28
	e. Other	1.6%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$12	\$42	\$77	\$108	\$136	\$164	\$199	\$239	\$300	\$1,277
	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	\$12	\$42	\$77	\$108	\$136	\$164	\$199	\$239	\$300	\$1,277
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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	12	42	77	108	136	164	199	239	300	1,277
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$12	\$42	\$77	\$108	\$136	\$164	\$199	\$239	\$300	\$1,277

Notes:

(A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005104

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 38 of 43
Page 76 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Underground Flood Mitigation - Distribution - (FERC 367)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$21,015	\$33,624	\$29,421	\$25,218	\$25,218	\$25,218	\$37,827	\$33,624	\$25,218	\$256,384
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	256,384	256,384
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	256,384	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	21,015	54,639	84,060	109,278	134,496	159,714	197,541	231,166	0	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$21,015	\$54,639	\$84,060	\$109,278	\$134,496	\$159,714	\$197,541	\$231,166	\$256,384	
6	Average Net Investment		\$0	\$0	\$0	\$10,508	\$37,827	\$69,350	\$96,669	\$121,887	\$147,105	\$178,628	\$214,354	\$243,775	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$0	\$0	\$0	\$15	\$53	\$98	\$137	\$172	\$208	\$252	\$303	\$344	1,582
	b. Equity Component Grossed Up For Taxes	5.89%	\$0	\$0	\$0	\$52	\$186	\$340	\$474	\$598	\$722	\$876	\$1,052	\$1,196	5,496
	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	0.007460	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159	159
	e. Other	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	\$66	\$239	\$438	\$611	\$770	\$930	\$1,129	\$1,355	\$1,700	\$7,237
	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	\$66	\$239	\$438	\$611	\$770	\$930	\$1,129	\$1,355	\$1,700	\$7,237
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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	66	239	438	611	770	930	1,129	1,355	1,700	7,237
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$66	\$239	\$438	\$611	\$770	\$930	\$1,129	\$1,355	\$1,700	\$7,237

Notes:

(A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005105

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. __ (CAM-2)
Form 4P
Page 39 of 43
Page 77 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Underground Flood Mitigation - Distribution - (FERC 368)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$16,482	\$26,372	\$23,075	\$19,779	\$19,779	\$19,779	\$29,668	\$26,372	\$19,779	\$201,085
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	201,085	201,085
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	201,085	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	16,482	42,854	65,930	85,708	105,487	125,266	154,934	181,306	0	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$16,482	\$42,854	\$65,930	\$85,708	\$105,487	\$125,266	\$154,934	\$181,306	\$201,085	
6	Average Net Investment		\$0	\$0	\$0	\$8,241	\$29,668	\$54,392	\$75,819	\$95,598	\$115,377	\$140,100	\$168,120	\$191,196	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$0	\$0	\$0	\$12	\$42	\$77	\$107	\$135	\$163	\$198	\$237	\$270	1,241
	b. Equity Component Grossed Up For Taxes	5.89%	\$0	\$0	\$0	\$40	\$146	\$267	\$372	\$469	\$566	\$687	\$825	\$938	4,311
	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	0.007460	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125	125
	e. Other	2.9%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$52	\$187	\$344	\$479	\$604	\$729	\$885	\$1,062	\$1,333	\$5,676
	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	\$52	\$187	\$344	\$479	\$604	\$729	\$885	\$1,062	\$1,333	\$5,676
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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	52	187	344	479	604	729	885	1,062	1,333	5,676
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$52	\$187	\$344	\$479	\$604	\$729	\$885	\$1,062	\$1,333	\$5,676

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005106

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 40 of 43
Page 78 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Substation Hardening - Transmission - (FERC 353.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$650,045	\$650,045	\$650,045	\$650,045	\$650,045	\$650,045	\$696,245	\$696,245	\$696,245	\$696,245	\$696,245	\$46,197	\$7,427,693
	b. Clearings to Plant		0	635,803	635,803	635,803	635,803	635,803	635,803	635,803	635,803	635,803	635,803	635,803	6,993,830
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	635,803	1,271,606	1,907,408	2,543,211	3,179,014	3,814,817	4,450,619	5,086,422	5,722,225	6,358,028	6,993,830	
3	Less: Accumulated Depreciation	0	0	0	(954)	(2,861)	(5,722)	(9,537)	(14,306)	(20,028)	(26,704)	(34,333)	(42,917)	(52,454)	
4	CWIP - Non-Interest Bearing	0	650,045	664,287	678,529	692,771	707,013	721,256	781,698	842,141	902,583	963,025	1,023,468	433,863	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$650,045	\$1,300,090	\$1,949,181	\$2,597,318	\$3,244,502	\$3,890,732	\$4,582,209	\$5,272,732	\$5,962,301	\$6,650,917	\$7,338,579	\$7,375,239	
6	Average Net Investment		\$325,022	\$975,067	\$1,624,635	\$2,273,250	\$2,920,910	\$3,567,617	\$4,236,471	\$4,927,470	\$5,617,517	\$6,306,609	\$6,994,748	\$7,356,909	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$459	\$1,377	\$2,295	\$3,211	\$4,126	\$5,039	\$5,984	\$6,960	\$7,935	\$8,908	\$9,880	\$10,392	66,566
	b. Equity Component Grossed Up For Taxes	5.89%	\$1,595	\$4,784	\$7,972	\$11,154	\$14,332	\$17,505	\$20,787	\$24,177	\$27,563	\$30,944	\$34,321	\$36,098	231,233
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	1.8%	\$0	\$0	\$954	\$1,907	\$2,861	\$3,815	\$4,769	\$5,722	\$6,676	\$7,630	\$8,583	\$9,537	52,454
	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	0.007460	0	395	791	1,186	1,581	1,976	2,372	2,767	3,162	3,557	3,953	4,348	26,087
	e. Other	1.8%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,054	\$6,557	\$12,011	\$17,458	\$22,900	\$28,335	\$33,911	\$39,627	\$45,336	\$51,040	\$56,737	\$60,374	\$376,340
	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		\$2,054	\$6,557	\$12,011	\$17,458	\$22,900	\$28,335	\$33,911	\$39,627	\$45,336	\$51,040	\$56,737	\$60,374	\$376,340
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		0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	
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)		1,479	4,721	8,647	12,569	16,487	20,400	24,414	28,529	32,639	36,746	40,847	43,466	270,943
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,479	\$4,721	\$8,647	\$12,569	\$16,487	\$20,400	\$24,414	\$28,529	\$32,639	\$36,746	\$40,847	\$43,466	\$270,943

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005107

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Return on Capital Investments, Depreciation and Taxes
For Project: Substation Hardening - Transmission - (FERC 356)
(in Dollars)

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 41 of 43
Page 79 of 84

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$6,566	\$6,566	\$6,566	\$6,566	\$6,566	\$6,566	\$7,033	\$7,033	\$7,033	\$7,033	\$7,033	\$467	\$75,027
	b. Clearings to Plant		0	6,422	6,422	6,422	6,422	6,422	6,422	6,422	6,422	6,422	6,422	6,422	70,645
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	0	6,422	12,845	19,267	25,689	32,111	38,534	44,956	51,378	57,800	64,223	70,645	
3	Less: Accumulated Depreciation	0	0	0	(10)	(31)	(61)	(102)	(153)	(214)	(285)	(366)	(458)	(559)	
4	CWIP - Non-Interest Bearing	0	6,566	6,710	6,854	6,998	7,142	7,285	7,896	8,506	9,117	9,728	10,338	4,382	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$6,566	\$13,132	\$19,688	\$26,234	\$32,770	\$39,295	\$46,277	\$53,249	\$60,210	\$67,162	\$74,103	\$74,468	
6	Average Net Investment		\$3,283	\$9,849	\$16,410	\$22,961	\$29,502	\$36,032	\$42,786	\$49,763	\$56,729	\$63,686	\$70,632	\$74,285	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$5	\$14	\$23	\$32	\$42	\$51	\$60	\$70	\$80	\$90	\$100	\$105	672
	b. Equity Component Grossed Up For Taxes	5.89%	\$16	\$48	\$81	\$113	\$145	\$177	\$210	\$244	\$278	\$312	\$347	\$364	2,335
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	1.9%	\$0	\$0	\$10	\$20	\$31	\$41	\$51	\$61	\$71	\$81	\$92	\$102	559
	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	0.007460	0	4	8	12	16	20	24	28	32	36	40	44	264
	e. Other	1.9%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$21	\$66	\$122	\$177	\$233	\$288	\$345	\$403	\$462	\$520	\$578	\$615	\$3,830
	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		\$21	\$66	\$122	\$177	\$233	\$288	\$345	\$403	\$462	\$520	\$578	\$615	\$3,830
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		0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	
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)		15	48	88	128	168	208	249	290	332	374	416	443	2,758
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$15	\$48	\$88	\$128	\$168	\$208	\$249	\$290	\$332	\$374	\$416	\$443	\$2,758

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005108

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 4P
Page 42 of 43
Page 80 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Vegetation Management: Distribution - (FERC 365)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$159,337	\$159,337	\$193,719	\$159,751	\$159,751	\$193,719	\$159,751	\$193,719	\$159,751	\$159,751	\$193,719	\$125,784	\$2,018,089
	b. Clearings to Plant		159,337	159,337	193,719	159,751	159,751	193,719	159,751	193,719	159,751	159,751	193,719	125,784	2,018,089
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	159,337	318,674	512,393	672,144	831,895	1,025,614	1,185,365	1,379,084	1,538,835	1,698,586	1,892,305	2,018,089	
3	Less: Accumulated Depreciation	0	0	(359)	(1,076)	(2,228)	(3,741)	(5,612)	(7,920)	(10,587)	(13,690)	(17,153)	(20,974)	(25,232)	
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	\$159,337	\$318,315	\$511,317	\$669,916	\$828,154	\$1,020,002	\$1,177,445	\$1,368,497	\$1,525,145	\$1,681,433	\$1,871,331	\$1,992,857	
6	Average Net Investment		\$79,669	\$238,826	\$414,816	\$590,617	\$749,035	\$924,078	\$1,098,723	\$1,272,971	\$1,446,821	\$1,603,289	\$1,776,382	\$1,932,094	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$113	\$337	\$586	\$834	\$1,058	\$1,305	\$1,552	\$1,798	\$2,044	\$2,265	\$2,509	\$2,729	17,130
	b. Equity Component Grossed Up For Taxes	5.89%	\$391	\$1,172	\$2,035	\$2,898	\$3,675	\$4,534	\$5,391	\$6,246	\$7,099	\$7,867	\$8,716	\$9,480	59,505
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	2.7%	\$0	\$359	\$717	\$1,153	\$1,512	\$1,872	\$2,308	\$2,667	\$3,103	\$3,462	\$3,822	\$4,258	25,232
	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	0.007460	\$99	\$198	\$319	\$418	\$517	\$638	\$737	\$857	\$957	\$1,056	\$1,176	\$1,255	8,226
	e. Other	2.7%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$602	\$2,066	\$3,657	\$5,303	\$6,763	\$8,349	\$9,988	\$11,569	\$13,202	\$14,650	\$16,223	\$17,722	\$110,093
	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		\$602	\$2,066	\$3,657	\$5,303	\$6,763	\$8,349	\$9,988	\$11,569	\$13,202	\$14,650	\$16,223	\$17,722	\$110,093
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		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
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)		602	2,066	3,657	5,303	6,763	8,349	9,988	11,569	13,202	14,650	16,223	17,722	110,093
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$602	\$2,066	\$3,657	\$5,303	\$6,763	\$8,349	\$9,988	\$11,569	\$13,202	\$14,650	\$16,223	\$17,722	\$110,093

Notes:

- (A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005109

Duke Energy Florida
Storm Protection Plan Cost Recovery Clause
Calculation of Projected Period Amount
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 4P
Page 43 of 43
Page 81 of 84

Return on Capital Investments, Depreciation and Taxes
For Project: Vegetation Management: Transmission - (FERC 356)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$798,972	\$798,972	\$938,957	\$1,104,393	\$862,602	\$863,874	\$1,040,764	\$1,064,943	\$900,779	\$862,602	\$824,424	\$798,972	\$10,860,255
	b. Clearings to Plant		798,972	798,972	938,957	1,104,393	862,602	863,874	1,040,764	1,064,943	900,779	862,602	824,424	798,972	10,860,255
	c. Retirements		0	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	0
2	Plant-in-Service/Depreciation Base	\$0	798,972	1,597,945	2,536,901	3,641,295	4,503,896	5,367,771	6,408,535	7,473,478	8,374,257	9,236,859	10,061,283	10,860,255	
3	Less: Accumulated Depreciation	0	0	(1,265)	(3,795)	(7,812)	(13,577)	(20,708)	(29,207)	(39,354)	(51,187)	(64,446)	(79,072)	(95,002)	
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	\$798,972	\$1,596,679	\$2,533,106	\$3,633,483	\$4,490,319	\$5,347,062	\$6,379,327	\$7,434,124	\$8,323,070	\$9,172,412	\$9,982,211	\$10,765,253	
6	Average Net Investment		\$399,486	\$1,197,826	\$2,064,893	\$3,083,295	\$4,061,901	\$4,918,691	\$5,863,195	\$6,906,725	\$7,878,597	\$8,747,741	\$9,577,312	\$10,373,732	
7	Return on Average Net Investment (A)	Jan-Dec													
	a. Debt Component	1.70%	\$564	\$1,692	\$2,917	\$4,355	\$5,737	\$6,948	\$8,282	\$9,756	\$11,129	\$12,356	\$13,528	\$14,653	91,916
	b. Equity Component Grossed Up For Taxes	5.89%	\$1,960	\$5,877	\$10,132	\$15,129	\$19,930	\$24,134	\$28,769	\$33,889	\$38,658	\$42,922	\$46,993	\$50,900	319,293
	c. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
8	Investment Expenses														
	a. Depreciation	1.9%	\$0	\$1,265	\$2,530	\$4,017	\$5,765	\$7,131	\$8,499	\$10,147	\$11,833	\$13,259	\$14,625	\$15,930	95,002
	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	0.007460	497	993	1,577	2,264	2,800	3,337	3,984	4,646	5,206	5,742	6,255	6,752	44,053
	e. Other	1.9%	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,021	\$9,828	\$17,156	\$25,764	\$34,233	\$41,550	\$49,534	\$58,438	\$66,825	\$74,280	\$81,401	\$88,235	\$550,264
	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		\$3,021	\$9,828	\$17,156	\$25,764	\$34,233	\$41,550	\$49,534	\$58,438	\$66,825	\$74,280	\$81,401	\$88,235	\$550,264
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		0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	0.71994	
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)		2,175	7,075	12,351	18,549	24,646	29,914	35,661	42,072	48,110	53,477	58,604	63,524	396,159
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$2,175	\$7,075	\$12,351	\$18,549	\$24,646	\$29,914	\$35,661	\$42,072	\$48,110	\$53,477	\$58,604	\$63,524	\$396,159

Notes:

(A) Line (6 x 7)/12. Based on ROE of 9.85%, weighted cost of equity component of capital structure and statutory income tax rate of 25.345% (inc tax multiplier = 1.3395). 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

20220050-DEF-005110

Duke Energy Florida
Storm Protection Cost Recovery Clause
Calculation of the Energy & Demand Allocation % by Rate Class
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 5P
Page 82 of 84

Rate Class	(1) 12 CP Load Factor at Meter (%)	(2) NCP Load Factor at Meter (%)	(3) Sales at Meter System Total (mWh)	(4) Sales at Meter Distrib. Total (mWh)	(5) Delivery Efficiency Factor	(6) Sales at Source System Total (mWh)	(7) Sales at Source Distrib. Total (mWh)	(8) 12 CP at Source System Total (MW)	(9) NCP at Source Distrib. Total (MW)	(10) mWh Sales at Source Energy Allocator (%)	(11) 12 CP Demand Transmission Allocator (%)	(12) NCP Distrib. Total Allocator (%)	(13) 12 CP & 25% AD Demand Allocator (%)
Residential													
RS-1, RST-1, RSL-1, RSL-2, RSS-1													
Secondary	0.5478	0.370	21,211,130	21,211,130	0.9361197	22,658,567	22,658,567	4,721.9	6,990.4	54.164%	62.337%	67.930%	60.294%
General Service Non-Demand													
GS-1, GST-1													
Secondary	0.576	0.451	1,018,417	1,018,417	0.9361197	1,087,914	1,087,914	215.7	275.3	2.601%	2.848%	2.675%	2.786%
Primary	0.576	0.451	18,782	18,782	0.9759311	19,246	19,246	3.8	4.9	0.046%	0.050%	0.047%	0.049%
Secondary Del/ Primary Mtr	0.576	0.451	42	42	0.9759311	43	43	0.0	0.0	0.000%	0.000%	0.000%	0.000%
Transmission	0.576	0.451	2,666		0.9859311	2,704		0.5	0.0	0.006%	0.007%	0.000%	0.007%
			<u>1,039,908</u>	<u>1,037,242</u>		<u>1,109,907</u>	<u>1,107,202</u>	<u>220.1</u>	<u>280.1</u>	<u>2.653%</u>	<u>2.906%</u>	<u>2.722%</u>	<u>2.843%</u>
General Service													
GS-2 Secondary	1.000	1.000	204,533	204,533	0.9361197	218,490	218,490	24.9	24.9	0.522%	0.329%	0.242%	0.378%
General Service Demand													
GSD-1, GSDT-1													
Secondary	0.742	0.626	11,642,447	11,642,447	0.9361197	12,436,921	12,436,921	1,912.4	2,268.0	29.730%	25.247%	22.040%	26.368%
Primary	0.742	0.626	1,638,508	1,638,508	0.9759311	1,678,917	1,678,917	258.2	306.2	4.013%	3.408%	2.975%	3.559%
Secondary Del/ Primary Mtr	0.742	0.626	24,351	24,351	0.9759311	24,952	24,952	3.8	4.6	0.060%	0.051%	0.044%	0.053%
Transm Del/ Primary Mtr	0.742	0.626	0		0.9759311	0		0.0	0.0	0.000%	0.000%	0.000%	0.000%
Transmission	0.742	0.626	401,077		0.9859311	406,800		62.6	0.0	0.972%	0.826%	0.000%	0.862%
SS-1 Primary	0.796	0.324	48,108	48,108	0.9759311	49,294	49,294	7.1	17.4	0.118%	0.093%	0.169%	0.099%
Transm Del/ Transm Mtr	0.796	0.324	3,723		0.9859311	3,776		0.5	0.0	0.009%	0.007%	0.000%	0.008%
Transm Del/ Primary Mtr	0.796	0.324	1,546		0.9759311	1,585		0.2	0.0	0.004%	0.003%	0.000%	0.003%
			<u>13,759,760</u>	<u>13,353,413</u>		<u>14,602,246</u>	<u>14,190,084</u>	<u>2,244.8</u>	<u>2,596.2</u>	<u>34.906%</u>	<u>29.635%</u>	<u>25.228%</u>	<u>30.953%</u>
Curtailable													
CS-1, CST-1, CS-2, CST-2, SS-3													
Secondary	1.082	0.334	0	0	0.9361197	0	0	0.0	0.0	0.000%	0.000%	0.000%	0.000%
Primary	1.082	0.334	62,060	62,060	0.9759311	63,591	63,591	6.7	21.7	0.152%	0.089%	0.211%	0.104%
SS-3 Primary	1.248	0.380	58,185	58,185	0.9759311	59,620	59,620	5.5	17.9	0.143%	0.072%	0.174%	0.090%
			<u>120,245</u>	<u>120,245</u>		<u>123,210</u>	<u>123,210</u>	<u>12.2</u>	<u>39.6</u>	<u>0.295%</u>	<u>0.161%</u>	<u>0.385%</u>	<u>0.194%</u>
Interruptible													
IS-1, IST-1, IS-2, IST-2													
Secondary	0.911	0.707	406,762	406,762	0.9361197	434,520	434,520	54.4	70.2	1.039%	0.719%	0.682%	0.799%
Sec Del/Primary Mtr	0.911	0.707	5,152	5,152	0.9759311	5,279	5,279	0.7	0.9	0.013%	0.009%	0.008%	0.010%
Primary Del / Primary Mtr	0.911	0.707	1,171,449	1,171,449	0.9759311	1,200,340	1,200,340	150.4	193.8	2.869%	1.985%	1.884%	2.206%
Primary Del / Transm Mtr	0.911	0.707	226	0	0.9859311	229	229	0.0	0.0	0.001%	0.000%	0.000%	0.000%
Transm Del/ Transm Mtr	0.911	0.707	599,084		0.9859311	607,632		76.1	0.0	1.453%	1.005%	0.000%	1.117%
Transm Del/ Primary Mtr	0.911	0.707	429,008		0.9759311	439,588		55.1	0.0	1.051%	0.727%	0.000%	0.808%
SS-2 Primary	0.686	0.272	13,316	13,316	0.9759311	13,644	13,644	2.3	5.7	0.033%	0.030%	0.056%	0.031%
Transm Del/ Transm Mtr	0.686	0.272	1,250		0.9859311	1,268		0.2	0.0	0.003%	0.003%	0.000%	0.003%
Transm Del/ Primary Mtr	0.686	0.272	44,422		0.9759311	45,518		7.6	0.0	0.109%	0.100%	0.000%	0.102%
			<u>2,670,669</u>	<u>1,596,680</u>		<u>2,748,019</u>	<u>1,654,013</u>	<u>346.7</u>	<u>270.6</u>	<u>6.569%</u>	<u>4.578%</u>	<u>2.629%</u>	<u>5.075%</u>
Lighting													
LS-1 (Secondary)	10.191	0.479	348,815	348,815	0.9361197	372,618	372,618	4.2	88.8	0.891%	0.055%	0.863%	0.264%
			<u>39,355,060</u>	<u>37,872,058</u>		<u>41,833,056</u>	<u>40,324,185</u>	<u>7,575</u>	<u>10,291</u>	<u>100%</u>	<u>100%</u>	<u>100.0%</u>	<u>100.00%</u>

- Notes:
- (1) Average 12CP load factor based on load research study filed July 31, 2018
 - (2) NCP load factor based on load research study filed July 31, 2018
 - (3) Projected kWh sales for the period January 2022 to December 2022
 - (4) Projected kWh sales for the period January 2022 to December 2022 excluding transmission service
 - (5) Based on system average line loss analysis for 2020
 - (6) Column 3 / Column 5
 - (7) Column 6 excluding transmission service
 - (8) Calculated: (Column 3 / (8,760hours * Column 1)) x Column 5
 - (9) Calculated: (Column 4 / (8,760hours * Column 2)) x Column 5
 - (10) Column 6/ Total Column 6
 - (11) Column 8/ Total Column 8
 - (12) Column 9/ Total Column 9
 - (13) Column 10 x 1/4 + Column 11 x 3/4

Duke Energy Florida
Storm Protection Cost Recovery Clause
Calculation Rate Factors by Rate Class
January 2022 - December 2022

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ____ (CAM-2)
Form 6P
Page 83 of 84

Rate Class	(1) mWh Sales at Source Energy Allocator (%)	(2) 12 CP Demand Transmission Allocator (%)	(3) NCP Distribution Total Allocator (%)	(4) 12 CP & 25% AD Demand Allocator (%)	(5) Energy- Related Costs (\$)	(6) Transmission Demand Costs (\$)	(7) Distribution Demand Costs (\$)	(8) Production Demand Costs (\$)	(9) Total SPP Costs (\$)	(10) Projected Effective Sales at Meter Level (mWh)	(11) Billing KW Load Factor (%)	(12) Projected Effective KW at Meter Level (kW)	(13) SPP Cost Recovery Factor (\$/kW-mo)	(14) SPP Factors (¢/kWh)
Residential														
RS-1, RST-1, RSL-1, RSL-2, RSS-1														
Secondary	54.164%	62.337%	67.930%	60.294%	\$0	\$12,303,115	\$57,551,456	\$0	\$69,854,570	21,211,130				0.329
General Service Non-Demand														
GS-1, GST-1														
Secondary	2.601%	2.848%	2.675%	2.786%	\$0	\$562,104	\$2,266,228		\$2,828,332	1,018,417				0.278
Primary	0.046%	0.050%	0.047%	0.049%	\$0	\$9,966	\$40,181		\$50,147	18,636				0.275
Transmission	0.006%	0.007%	0.000%	0.007%	\$0	\$1,397	\$0		\$1,397	2,613				0.272
TOTAL GS	2.653%	2.906%	2.722%	2.843%	\$0	\$573,467	\$2,306,409	\$0	\$2,879,876	1,039,667				
General Service														
GS-2														
Secondary	0.522%	0.329%	0.242%	0.378%	\$0	\$64,987	\$205,345	\$0.00	\$270,332	204,533				0.132
General Service Demand														
GSD-1, GSDT-1, SS-1														
Secondary	29.730%	25.247%	22.040%	26.368%	\$0	\$4,982,868	\$18,672,709		\$23,655,577	11,642,447	46.61%	34,218,666	0.69	
Primary	4.195%	3.555%	3.188%	3.715%	\$0	\$701,673	\$2,701,301		\$3,402,974	1,695,388	46.61%	4,982,965	0.67	
Transmission	0.981%	0.833%	0.000%	0.870%	\$0	\$164,396	\$0		\$164,396	396,704	46.61%	1,165,966	0.14	
TOTAL GSD	34.906%	29.635%	25.228%	30.953%	\$0	\$5,848,937	\$21,374,010	\$0	\$27,222,947	13,734,539	46.61%	40,367,597		
Curtailable														
CS-2, CST-2, CS-3, CST-3, SS-3														
Secondary	0.000%	0.000%	0.000%	0.000%	\$0	\$0	\$0		\$0	-	29.79%	-	0.65	
Primary	0.295%	0.161%	0.385%	0.194%	\$0	\$31,688	\$326,267		\$357,955	119,042	29.79%	547,431	0.64	
Transmission					\$0	\$0	\$0		\$0	-	29.79%	-	0.64	
TOTAL CS	0.295%	0.161%	0.385%	0.194%	\$0	\$31,688	\$326,267	\$0	\$357,955	119,042	29.79%	547,431		
Interruptible														
IS-2, IST-2, SS-2														
Secondary	1.039%	0.719%	0.682%	0.799%	\$0	\$141,830	\$577,688		\$719,518	406,762	45.10%	1,235,450	0.58	
Primary	4.074%	2.851%	1.948%	3.157%	\$0	\$562,664	\$1,649,987		\$2,212,651	1,646,714	45.10%	5,001,524	0.44	
Transmission	1.456%	1.008%	0.000%	1.120%	\$0	\$198,959	\$0		\$198,959	588,548	45.10%	1,787,584	0.11	
TOTAL IS	6.569%	4.578%	2.629%	5.075%	\$0	\$903,452	\$2,227,675	\$0	\$3,131,127	2,642,025	45.10%	8,024,557		
Lighting														
LS-1														
Secondary	0.891%	0.055%	0.863%	0.264%	\$0	\$10,875	\$731,106	\$0	\$741,982	348,815				0.213
	100.000%	100.000%	100.000%	100.000%	\$0	\$19,736,522	\$84,722,267	\$0	\$104,458,788	39,299,751				0.266

Notes:	(1)	From Form 5P, Column 10
	(2)	From Form 5P, Column 11
	(3)	From Form 5P, Column 12
	(4)	From Form 5P, Column 13
	(5)	Column 1 x Total Energy Jurisdictional Dollars from Form 1P, line 4 (Energy)
	(6)	Column 2 x Total Transmission Demand Jurisdictional Dollars from Form 1P, line 1b (Demand)
	(7)	Column 3 x Total Distribution Demand Jurisdictional Dollars from Form 1P, line 1a (Demand)
	(8)	N/A
	(9)	Column 5 + Column 6 + Column 7 + Column 8
	(10)	From Form 5P, Column 3
	(11)	Class Billing Load Factor
	(12)	Column 10 x 1000 / 8,760 / Column 11 x 12
	(13)	Column 9 / Column 12
	(14)	Column 9 / Column 10 / 10

Calculation of Standby Service kW Charges			
	SPPCRC Cost	Effective kW	\$/kW
Total GSD, CS, IS	\$30,712,029	48,939,585	0.63
SS-1, 2, 3 - \$/kW-mo	Secondary	Primary	Transmission
Monthly - \$0.63/kW * 10%	0.063	0.062	0.062
Daily - \$0.63/kW / 21	0.030	0.030	0.029

20220050-DEF-005112

Duke Energy Florida
Storm Protection Cost Recovery Clause
January 2022 - December 2022
Projected Capital Structure and Cost Rates

Docket No. 20210010-EI
Duke Energy Florida, LLC
Witness: C.A.Menendez
Exh. No. ___ (CAM-2)
Form 7P
Page 84 of 84

	(1)	(2)	(3)	(4)	(5)	(6)
	Jurisdictional Rate Base				Revenue Requirement	Monthly Revenue Requirement
	Adjusted Retail (\$000s)	Cap Ratio	Cost Rate	Weighted Cost	Rate	Rate
1 Common Equity	\$ 7,302,840	43.96%	9.85%	4.33%	5.80%	0.4833%
2 Long Term Debt	6,603,424	39.75%	4.11%	1.63%	1.63%	0.1358%
3 Short Term Debt	74,501	0.45%	1.66%	0.01%	0.01%	0.0008%
4 Cust Dep Active	182,161	1.10%	2.36%	0.03%	0.03%	0.0025%
5 Cust Dep Inactive	1,888	0.01%			0.00%	0.0000%
6 Invest Tax Cr	215,728	1.30%	7.13%	0.09%	0.11%	0.0092%
7 Deferred Inc Tax	2,230,499	13.43%			0.00%	0.0000%
8 Total	\$ 16,611,041	100.00%		6.09%	7.58%	0.6317%

	ITC split between Debt and Equity**:		Ratio	Cost Rate	Ratio	Ratio	Deferred Inc Tax	Weighted ITC	After Gross-up
9	Common Equity	7,302,840	53%	9.85%	5.17%	72.6%	0.09%	0.0653%	0.088%
10	Preferred Equity	-	0%				0.09%	0.0000%	0.000%
11	Long Term Debt	6,603,424	47%	4.11%	1.95%	27.4%	0.09%	0.0247%	0.025%
12	ITC Cost Rate	13,906,264	100%		7.13%		0.0900%	0.112%	

	<u>Breakdown of Revenue Requirement Rate of Return between Debt and Equity:</u>				
13	Total Equity Component (Lines 1 and 9)				5.89% Total Pre-Tax Equity
14	Total Debt Component (Lines 2, 3 , 4 , and 11)				1.70% Total Debt
15	Total Revenue Requirement Rate of Return				7.58% WACC

Notes:

Effective Tax Rate: 25.345%

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

1 **IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE**

2
3 **FPSC DOCKET NO. 20210010-EI**

4 **DIRECT TESTIMONY OF LINDA MILLER**

5 **ON BEHALF OF DUKE ENERGY FLORIDA, LLC**

6
7 **MAY 3, 2021**

8
9 **Q. Please state your name and business address.**

10 A. My name is Linda Miller. My business address is 550 S. Tryon St., Charlotte, NC
11 28202.

12
13 **Q. By whom are you employed and what is your position?**

14 A. I am employed by Duke Energy Business Services, LLC (“DEBS”), as Asset
15 Accounting Manager for Duke Energy Florida, LLC (“DEF” or the “Company”).
16 DEBS provides various administrative and other services to DEF and other affiliated
17 companies of Duke Energy Corporation (“Duke Energy”). Both DEF and DEBS are
18 subsidiaries of Duke Energy.

19
20 **Q. Please describe your duties and responsibilities in that position.**

21 A. I am responsible for ensuring that the capital project accounting impacts of the
22 Company’s business activities and transactions are properly recorded to the general
23 ledger. I am also responsible for ensuring that the asset accounting team performs its

1 tasks in an accurate and timely manner in accordance with published deadlines while
2 strictly adhering to Company policies and controls.

3

4 **Q. Please describe your educational background and professional experience.**

5 A. I graduated from Nyack College with a bachelor's degree in Accounting. I am a
6 Certified Public Accountant ("CPA") licensed in the state of New York. I have 13
7 years of professional experience with Duke Energy, formerly Progress Energy, in
8 various accounting, regulatory, and finance roles. I was named to my current position
9 as Accounting Manager of DEF in January 2019.

10

11 **Q. What is the purpose of your testimony?**

12 A. The purpose of my testimony is to present, for Commission review, DEF's procedures,
13 policies, and guidance related to the accounting for storm protection costs separate from
14 costs recovered through the utility's base rates or any other cost recovery mechanism,
15 and how these accounting activities are consistent with Rule 25-6.031, F.A.C., and
16 DEF's 2020 SPP/SPPCRC Agreement approved by Order PSC-2020-0410-AS-EI.

17

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

20 A. No. I am neither sponsoring nor co-sponsoring exhibits in this proceeding.

21

22 **Q. Please summarize your testimony.**

1 A. My testimony supports the policies, procedures, and accounting guidance consistent
2 with the reporting needs associated with Section 366.96, F.S. and Rule 25-6.031,
3 F.A.C., to separately identify SPP costs from the Company's base rates or any other
4 cost recovery mechanisms, thereby ensuring no double-recovery occurs. I will also
5 identify the updates in accounting procedures addressed in DEF's 2020 SPP/SPPCRC
6 Agreement, including DEF's efforts to align its presentation of cost estimating and
7 recognition of actuals with the goal of presenting a meaningful comparison related to
8 the SPP Programs to the Commission. I will also address how DEF will account for the
9 concept of Substation Optimization, which aligns the timing of the in-servicing of
10 assets with the customer benefits achieved.

11

12 **Q. Is DEF complying with Rule 25-6.031(5), F.A.C., regarding the use of the Uniform**
13 **System of Accounts prescribed by this Commission?**

14 A. Yes. For all costs that are recorded and subsequently recovered through the SPPCRC,
15 DEF maintains its books and records in conformity with the plant accounts in the
16 Uniform System of Accounts ("USoA") prescribed by this Commission pursuant to
17 Rule 25-6.014, F.A.C.

18

19 **Q. Please explain how the Storm Protection Plan costs recoverable through the clause**
20 **do not include costs recovered through the Company's base rates or any other**
21 **cost recovery mechanism.**

22 A. Consistent with Section 366.96, F.S., to ensure *"the annual transmission and*
23 *distribution storm protection plan costs [do] not include costs recovered through the*

1 *public utility's base rates...*” the separation of costs subject to recovery through the
2 SPPCRC are identified using the Company’s accounting system attributes including
3 Funding Projects and Work Orders. Further, each SPP Project is ‘tagged’ with an ‘SPP’
4 project indicator code in the work order management system, which carries forward to
5 the fixed asset sub-ledger and general ledger. As such, all SPP capital costs can be
6 identified by this unique code which permits their ready identification and verification
7 separate from DEF’s base rates or any other cost recovery mechanism.

8
9 **Q. What other internal accounting and charging checks are in place to ensure no**
10 **double recovery of SPP program costs?**

11 A. Each Program that was established through DEF’s SPP received unique reporting fields
12 to be selected within DEF’s work management system, such as new Process IDs and
13 Job plans. The Job Plan is utilized in the work management system to designate the
14 type of work, as well as key financial information such as the general ledger account
15 and Process ID. The Process ID is used to track the specific Program in the accounting
16 systems. These new reporting fields were created specifically to record the project
17 activities to the SPP Program with which they are associated. For example, the
18 Distribution - Feeder Hardening Program uses Process ID “SPPFDHD”, while
19 Distribution - Lateral Hardening Overhead Program uses Process ID “SPPLTOH”, to
20 further identify the capital costs specific to each Program. The sum of the activity
21 recorded in each SPP Process ID can be compared to the total amount in the projects
22 tagged with the SPP project indicator code to validate that all SPP costs are identified,
23 and therefore would not be double recovered.

1 **Q. Did DEF engage in revisiting and updating its accounting processes to improve**
2 **reporting to better align with Section 366.96, F.S., and 25-6.031, F.A.C., as**
3 **agreed to in the 2020 SPP/SPPCRC Agreement?**

4 A. Yes. Although DEF did not agree to any specific or itemized list of accounting
5 processes, the examples provided previously in my testimony address the reporting
6 needs associated with Section 366.96, F.S., and Rule 25-6.031, F.A.C. Additionally,
7 the Company has also developed a set of charging guidelines for the SPP, specifically
8 looking at how to make reconciliations meaningful when comparing the estimated
9 SPPCRC costs to those actually incurred and submitted for recovery. For instance, in
10 accordance with the Duke Energy Regulated Electric and Gas Capitalization
11 Guidelines, DEF uses two types of projects – “specials” and “blankets” – to capture
12 costs for capital expenditures. Blankets are typically used when the capital expenditures
13 per work order are less than \$50,000 and there is no cost separation required. While
14 some work orders for the SPP may meet the criteria for being less than \$50,000, in
15 order to provide a more meaningful comparison of estimated versus actual costs, DEF
16 currently intends to use “special” projects for new work orders for all SPP Programs.
17 Pole Replacements performed as part of the Feeder Hardening - Pole Replacements
18 and Lateral Hardening – Pole Replacement Subprograms may continue to use “blanket”
19 accounting due to the high-volume of work spread across DEF’s entire system.

20
21 **Q. Please explain what is meant by “substation optimization.”**

22 A. As discussed by witness Lloyd, substation optimization is a strategy that provides
23 synergies to minimize disruptions to our communities and customers, improves

1 resource utilization and efficiency, and aligns the timing of the in-servicing of assets
2 with achieving the customer benefits and/or targeted objectives of the work. The
3 expected duration of a substation project, which includes all tasks such as: scoping,
4 planning, design and engineering, permitting, ROW acquisition, and construction, is
5 one to three years. DEF will begin implementing this strategy in 2022.

6

7 **Q. Please explain the interdependency of assets support for substation optimization**
8 **and how it impacts your assets placed in-service value calculations.**

9 A. The components of the grid are highly interdependent, such that a line outage or
10 system conditions, such as capacity overloads, in one area can lead to reliability
11 concerns in other areas. Improved reliability and overall resiliency of a particular
12 substation positively impacts the experience of all customers served by that substation
13 and allows that community to more quickly recover from weather related events.
14 Consequently, the full potential and value of the work performed is not realized until
15 all the work on the substation is complete or 'done.' An optimized substation is
16 considered 'done' when all inter-related programs and work on the substation and
17 associated circuits have been commissioned/enabled or deemed substantially
18 complete. At that point, all the projects will be placed in- service for accounting
19 purposes on the same date.

20

21 **Q. Does that conclude your testimony?**

22 A. Yes.

1 **IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE**

2
3 **FPSC DOCKET NO. 20210010-EI**

4 **DIRECT TESTIMONY OF SHARON BAUER**

5 **ON BEHALF OF DUKE ENERGY FLORIDA, LLC**

6
7 **MAY 3, 2021**

8
9 **I. INTRODUCTION AND QUALIFICATIONS.**

10 **Q. Please state your name and business address.**

11 **A.**My name is Sharon K. Bauer. My current business address is 3300 Exchange
12 Place, Lake Mary, FL 32746.

13
14 **Q. By whom are you employed and in what capacity?**

15 **A.**I am employed by Duke Energy Florida, LLC (“DEF”) as General Manager,
16 Transmission Resources and Project Management.

17
18 **Q. What are your responsibilities as General Manager, Transmission Resources**
19 **and Project Management?**

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

1 **Q. Please summarize your educational background and work experience.**

2 **A.** I have a Bachelor of Science degree in Mechanical Engineering from Michigan
3 Technological University and a master's degree in Business Administration from
4 the University of Central Florida. I am a certified Project Management
5 Professional (“PMP”) from the Project Management Institute. Throughout my
6 21 years at Duke Energy, I have held various positions within distribution and
7 transmission ranging from Manager, Sr. Project Manager, Engineering
8 Manager, Director, and General Manager focusing on the planning and execution
9 of transmission capital projects. My current position as General Manager
10 of Transmission Projects began in November 2019.

11
12 **II. PURPOSE AND SUMMARY OF TESTIMONY.**

13 **Q. What is the purpose of your direct testimony?**

14 **A.** The purpose of my direct testimony is to support the Company’s request for
15 recovery of Transmission-related costs associated with DEF’s Storm Protection
16 Plan (“SPP”) through the Storm Protection Plan Cost Recovery Clause
17 (“SPPCRC”). My testimony supports the Company’s SPP costs incurred in 2020
18 and year to date 2021, details the Company’s 2020 through 2022 SPP
19 implementation activities along with projected costs through the remainder of
20 2021 and calendar year 2022, and explains how those activities and costs are
21 consistent with DEF’s SPP approved by the Commission in Docket No.
22 20200069-EI.

1 **Q. Do you have any exhibits to your testimony as it relates to January 2020**
2 **through December 2021 Transmission investments?**

3 **A.** No, but I am co-sponsoring portions of the schedules attached to Mr. Menendez's
4 direct testimony, included as part of Exhibit No. __ (CAM-1). Specifically, I am
5 sponsoring the 2021 Transmission-related project level information shown on
6 Schedule Form 5E (pages 6-7 of 49), the Transmission-related Projects on Form
7 7E (pages 10-11 of 49), the Program Description and Progress Report on Form 8E
8 (pages 45-48 of 49), and the cost portions of:

- 9 • Form 5E (Page 5 of 49, Lines 2 through 2b), and
- 10 • Form 7E (Pages 15-20 of 49, Lines 1a and 1b), which includes the 2020 spend
- 11 reflected in the Beginning Balance figures.

12
13 **Q. Do you have any exhibits to your testimony as it relates to January 2022**
14 **through December 2022 Transmission investments?**

15 **A.** No, but I am co-sponsoring portions of the schedules attached to Mr. Menendez's
16 direct testimony, included as part of Exhibit No. __ (CAM-2). Specifically, I am
17 sponsoring the Transmission-related project level information shown on Schedule
18 Form 2P (pages 20-22 of 84), the Projects on Form 3P (pages 13-15 of 84), and
19 the cost portions of:

- 20 • Form 2P (Page 2 of 84, Lines 2 through 2b), and
- 21 • Form 4P (Pages 50-58 and 78-79 of 84, Lines 1a and 1b).

22
23 **Q. Please summarize your testimony.**

1 **A.** In 2020, the Transmission Structure Hardening Program, specifically the wood to
2 non-wood pole replacement activities, incurred costs to procure material and
3 equipment and perform analytical and engineering work in preparation for the
4 work to be completed in 2021, these limited costs are consistent with paragraph
5 3(a) of the 2020 SPP/SPPCRC Agreement filed on July 17, 2020.¹ These
6 investments are shown in the beginning balances on Exhibit No. _ (CAM-1),
7 Schedule Forms 7E (pages 15-17 of 49) (Line 1a). DEF is not requesting recovery
8 of any of the 2020 revenue requirements associated with this spend and has
9 included these values in the SPPCRC rate base beginning in 2021 for
10 informational purposes only.

11 Additionally, I will present the transmission work presented in DEF's
12 Commission-approved SPP for years 2021 and 2022; the costs presented are
13 consistent with the estimates filed as part of DEF's SPP for these time periods.
14 These costs are also not being recovered through base rates or any other clause
15 mechanism, as such, they should be approved for recovery through the SPPCRC.

16
17 **III. OVERVIEW OF SPP PROGRAMS SOUGHT FOR CURRENT COST RECOVERY**

18 **Q.** **For what Transmission related SPP Programs and activities did DEF incur**
19 **costs during 2020?**

20 **A.** In 2020, the Transmission Structure Hardening Program, specifically the wood to
21 non-wood pole replacement activity, incurred costs to procure materials (e.g.,
22 non-wood poles) and equipment and performed analytical and engineering work

¹ Document No. 03874-2020, Docket Nos. 20200069-EI and 20200092-EI.

1 in preparation for the work scheduled and planned to be undertaken in 2021.
2 DEF's SPP increases its investment in the wood pole replacement activities
3 associated with its Transmission Structure Hardening program to approximately
4 \$70.5M in 2021 and \$121.2M in 2022. In 2021 consistent with the 2020
5 SPP/SPPCRC Agreement paragraph 3(c), DEF will include an adjustment in the
6 SPPCRC to remove the revenue requirements associated with \$34.8 million of
7 pole replacement costs; any amount in excess of \$34.8 million will be eligible for
8 recovery through the SPPCRC.
9

10 **Q. How does DEF's 2020 actual spend amounts compare with the 2020**
11 **estimated spend for the Transmission Structure Hardening - Wood to Non-**
12 **wood pole replacement sub-program of the PSC-approved Storm Protection**
13 **Plan?**

14 **A.** Yes, DEF's actual 2020 spend was approximately \$2.2M for engineering and
15 materials related to projects planned to be completed in 2021, which is greater
16 than the estimated spend of \$1M; however, the difference represents a shifting of
17 expected 2021 costs into 2020. DEF had planned to receive the majority of the
18 materials needed for starting construction of first-quarter 2021 projects in January
19 of 2021. The Company was able to secure this material by December 2020, which
20 mitigated the risk of project delay. The \$2.2M of spend is shown in the beginning
21 balance on Exhibit No. _ (CAM-1), Schedule Form 7E, (pages 15-17 of 49) (Line
22 1a).

1 Consistent with the 2020 SPP/SPPCRC Agreement, these figures were included
2 for informational purposes only. DEF will not recover associated revenue
3 requirements on these particular 2020 investments through the SPPCRC and no
4 associated amount of O&M related to this Program was incurred nor requested for
5 recovery in 2020.

6
7 **Q. Describe the activities that will be performed for Transmission Structure**
8 **Hardening - Wood to Non-wood pole replacement activity and its related**
9 **costs?**

10 **A.** This activity will upgrade wood poles to non-wood material such as steel or
11 concrete. Wood pole failure has been the predominate structure damage to the
12 transmission system during extreme weather. This activity eliminates the potential
13 for damage from woodpeckers and wood rot. The new structures will be more
14 resistant to damage from extreme weather events. Other related hardware
15 upgrades will occur simultaneously, such as insulators, crossarms, switches, and
16 guys.

17 The 2021 O&M costs of \$1.3M are shown on Exhibit No. _ (CAM-1), Schedule
18 Form 5E (page 5 of 49), an amount of \$0.7M related to the \$34.8M of base work
19 has been removed from SPPCRC recovery. The Program's capital costs of
20 \$70.5M are shown on Exhibit No. _ (CAM-1), Form 7E (pages 15-17 of 49), and
21 an adjustment for the \$34.8M of base work has been removed from SPPCRC
22 recovery, shown on (Line 1c) of these pages. This adjustment is more fully
23 explained in Mr. Menendez's testimony, but only the amount in excess of what is

1 currently being recovered through base rates is included in the requested SPPCRC
2 recovery. This adjustment is not necessary after 2021.

3 The 2022 O&M costs of \$3.2M are shown on Exhibit No. _ (CAM-2), Schedule
4 Form 2P (page 2 of 84) (Line 2.1). The Program's capital costs of \$121.2M are
5 shown on Exhibit No. _ (CAM-2), Schedule Form 4P (pages 50-52 of 84). No
6 portion of this pole replacement activity is included in DEF's 2022 base rates.

7
8 **Q. Are there other Structure Hardening Transmission activities you expect to**
9 **incur costs for during 2021 and 2022?**

10 **A.** Yes. DEF will make additional Transmission related Structure Hardening
11 investments in the following activities: Tower Upgrade, Cathodic Protection,
12 Drone Inspections, Gang Operated Air Break ("GOAB"), Overhead Ground Wire
13 ("OHGW"), and Structure Inspections.

14
15 **Q. Please describe the Transmission Tower Upgrade activity and identify the**
16 **costs you expect to incur costs for during 2021 and 2022?**

17 **A.** The Tower Upgrade activities within the Structure Hardening Program will focus
18 on the replacement of towers identified through enhanced engineering
19 inspections; identified towers will be prioritized based on visual ground
20 inspections, aerial drone inspections, and data from cathodic protection
21 installations. This activity will improve the ability of the transmission grid to
22 sustain operations during extreme weather events by both reducing outages and
23 improving restoration times.

1 In 2021, DEF expects to incur approximately \$1.8M of total capital costs related
2 to this activity, as shown on Schedule Form 7E (pages 18 and 19 of 49) (Line 1a),
3 and an associated amount of O&M totaling approximately \$20K to this activity,
4 shown on Schedule Form 5E (page 5 of 49) (Line 2.2), in Exhibit No. __ (CAM-
5 1).

6 In 2022, DEF expects to incur approximately \$4.2M of total capital costs related
7 to this activity, as shown on Schedule Form 4P (pages 54 and 55 of 84) (Line 1a),
8 and an associated amount of O&M totaling approximately \$34K to this activity,
9 shown on Schedule Form 2P (page 2 of 84) (Line 2.2), in Exhibit No. __ (CAM-
10 2).

11
12 **Q. Please describe the Cathodic Protection activities and identify the costs you**
13 **expect to incur during 2021 and 2022?**

14 **A.** The Cathodic Protection activities included in the Structure Hardening Program
15 will mitigate active groundline corrosion on the lattice tower system and produce
16 site and soil corrosion classification. The site and soil classification will be used
17 to aid in condition-based maintenance and prioritization for proactive tower
18 replacements (as part of the Tower Upgrade activity). This activity installs passive
19 cathodic protection systems which are comprised of anodes on each leg of lattice
20 towers. The anodes serve as sacrificial assets that corrode in place of structural
21 steel, thereby preventing loss of structure strength to corrosion. This will help
22 reduce outages during extreme weather events by limiting the loss of base metal

1 and protecting leg strength on aged assets with protective zinc coatings that are
2 approaching their end of life.

3 In 2021, DEF expects to incur approximately \$1M of total capital costs related to
4 this activity, as shown on Schedule Form 7E (page 20 of 49) (Line 1a) and an
5 associated amount of O&M totaling approximately \$213K, shown on Schedule
6 Form 5E (page 5 of 49) (Line 2.3) in Exhibit No. __ (CAM-1).

7 In 2022, DEF expects to incur approximately \$1.6M of total capital costs related
8 to this activity, as shown on Schedule Form 4P (page 56 of 84) (Line 1a) and an
9 associated amount of O&M totaling approximately \$204K, shown on Schedule
10 Form 2P (page 2 of 84) (Line 2.3) in Exhibit No. __ (CAM-2).

11
12 **Q. Please describe the Gang Operated Air Break (“GOAB”) activities and**
13 **identify the costs you expect to incur during 2021 and 2022?**

14 **A.** The GOAB line switch automation activity will upgrade switch locations with
15 modern switches enabled with communication and remote-control capabilities
16 that will add resiliency to the transmission system. The GOAB upgrade increases
17 the number of remote-controlled switches to support faster isolation of trouble
18 spots on the transmission system and more rapid restoration following line faults.
19 The GOAB automation project will begin in 2022. DEF expects to incur
20 approximately \$2.5M of total capital costs related to this activity, as shown on
21 Schedule Form 4P (page 53 of 84) (Line 1a), and an associated amount of O&M
22 totaling approximately \$14K, shown on Schedule Form 2P (page 2 of 84) (Line
23 2.5) in Exhibit No. __ (CAM-2). The cash flow for this project will be straight-

lined for now until the projects flow through our normal process of Development, schedule refinement and construction scheduling.

Q. Please describe the Overhead Ground Wire (“OHGW”) activities and identify the costs you expect to incur costs for during 2021 and 2022?

A. Florida is known for a high concentration of lightning events, which continually stress the existing grid protection. Deteriorated overhead ground wire reduces the protection of the conductor and exposes the line to repeated lightning damage and risk of failure impacting the system. This initiative will also reduce the safety risk due to the required removal of OHGW prior to any restoration work on the system. By targeting deteriorated OHGW on lines with high lightning events, the benefit of this activity will be maximized.

The OHGW project will begin recovery through the SPPCRC in 2022. DEF expects to incur approximately \$4.5M of total capital costs related to this activity, as shown on Schedule Form 4P (pages 57 and 58 of 84) (Line 1a), and an associated amount of O&M totaling approximately \$0.1M to this activity, shown on Schedule Form 2P (page 2 of 84) (Line 2.6) in Exhibit No. __ (CAM-2). The cash flow for this project will be straight-lined for now until the projects flow through our normal process of development, schedule refinement, and construction scheduling.

Q. Please describe the Tower Drone Inspections activities and identify the costs you expect to incur during 2021 and 2022?

1 **A.** The Drone Inspection activities included in the Structure Hardening Program will
2 identify otherwise difficult to see structure, hardware, or insulation vulnerabilities
3 through high resolution imagery. DEF is incorporating drone patrols into the
4 inspections because drones have the unique ability to provide a close vantage
5 point with multiple angles on structures that is unattainable through aerial or
6 ground patrols with binoculars.

7 DEF does not expect to incur any capital costs related to this activity in 2021 or in
8 2022.

9 In 2021 an amount of O&M totaling approximately \$0.1M related to this activity
10 is shown on Schedule Form 5E (page 5 of 49) (Line 2.4) in Exhibit No. __ (CAM-
11 1).

12 In 2022, an amount of O&M totaling approximately \$0.1M related to this activity
13 is shown on Schedule Form 2P (page 2 of 84) (Line 2.4) in Exhibit No. __ (CAM-
14 2).

15
16 **Q.** **Please describe the non-drone Structure Inspections activities and identify**
17 **the costs you expect to incur during 2021 and 2022?**

18 **A.** The transmission system's inspection activities include all types of structures, line
19 hardware, guying, and anchoring systems. Inspections include:

- 20 • Aerial helicopter Transmission Line Inspections
- 21 • Wood Pole Line Patrols
- 22 • Wood Pole Sound and Bore Line Patrol – 8-year cycle
- 23 • Non-wood Structure Line Patrols – 6-year cycle

1 DEF does not expect to incur any capital costs related to this activity in 2021 or in
2 2022.

3 In 2021 the O&M related to this activity is not shown in Exhibit No. __ (CAM-1),
4 these costs are collected in base rates in 2021.

5 In 2022, an amount of O&M totaling approximately \$0.4M related to this activity
6 is included in the \$3.2M shown on Schedule Form 2P (page 2 of 84) (Line 2.1), in
7 Exhibit No. __ (CAM-2).

8
9 **Q. In addition to the Structure Hardening Programs, what other Transmission**
10 **related SPP Programs and activities you expect to incur costs for during 2021**
11 **and 2022?**

12 **A.** DEF will make other Transmission related investments in the Substation
13 Hardening and Vegetation Management Programs. The activities and costs related
14 to Transmission Vegetation Management, are addressed in the testimony of Mr.
15 Adams.

16
17 **Q. Please describe the Substation Hardening activities and identify the costs you**
18 **expect to incur during 2021 and 2022?**

19 **A.** The Substation Hardening Program started as part of DEF's Grid Investment Plan
20 which was partially funded through the 2017 Revised and Restated Stipulated
21 Settlement Agreement. DEF plans to continue this program through the SPP. The
22 Substation Hardening program will focus on replacing oil breakers with state-of
23 the-art gas or vacuum breakers to mitigate the risk of catastrophic failure and

1 extended outages during extreme weather events and upgrading electromechanical
2 relays to digital relays which will provide communications and enable DEF to
3 respond and restore service more quickly after extreme weather events.

4 In 2021, DEF will continue its Substation Hardening activities under the 2017
5 Revised and Restated Stipulated Settlement Agreement and collect the 2021 costs
6 through base rates.

7 In 2022, DEF expects to incur approximately \$7.5M of total capital costs related
8 to this activity, as shown on Schedule Form 4P (pages 78 and 79 of 84) (Line 1a)
9 in Exhibit No. __ (CAM-2). The cash flow for this program will be straight-lined
10 for now until the projects flow through our normal process of Development,
11 schedule refinement and construction scheduling.

12 No O&M is expected to be incurred for this program.

13
14 **Q. Are the Programs and activities discussed above consistent with DEF's SPP?**

15 **A.** Yes, the activities are consistent with the Programs described in detail in DEF's
16 SPP, specifically Exhibit No. _ (JWO-2) in Docket No. 20200069-EI, filed on
17 April 10, 2020, subsequently updated on June 24, 2020.

18
19 **Q. Would you please provide a summary of the costs associated with the**
20 **Programs and activities discussed above?**

21 **A.** Yes, please refer to the table below that represents the SPP investments made in
22 2020 through February 2021 and projected for the remainder of 2021 and 2022.

<i>(\$ Millions)</i>	2020	2020	2020
SPP Program	Capital	O&M	Total
Structure Hardening	\$2.2	\$0.0	\$2.2

<i>(\$ Millions)</i>	2021	2021	2021
SPP Program	Capital	O&M	Total
Structure Hardening	\$73.3	\$1.7	\$75.0

<i>(\$ Millions)</i>	2022	2022	2022
SPP Program	Capital	O&M	Total
Structure Hardening	\$134.0	\$3.7	\$137.7
Substation Hardening	\$7.5	\$0.0	\$7.5
T -Vegetation Management	\$10.9	\$11.5	\$22.4
Total	\$152.4	\$15.2	\$167.6

Q. Would you please provide a summary of any observed true-up variances including changes in the utility's prices of services and/or equipment, changes in the scope of work relative to the estimates provided pursuant to implementation of the approved Storm Protection Plan?

A. Through February 2021, the projected Capital and O&M costs for services and equipment associated with the Pole Replacement activity within the Structure Hardening Program has shown lower costs per pole than was originally submitted in the approved SPP. Therefore, DEF expects to be able to replace more poles in 2021 while maintaining the same Capital budget. The lower costs are a result of a refinement of estimates, increased use of internal Duke Energy crews, and a lower cost of materials than estimated in the initial filing. DEF has also identified efficiencies associated with O&M cost originally submitted for this activity. DEF has developed a 2022 workplan in line with the criteria outlined in Exhibit Nos. (JWO-1) and (JWO-2) filed in Docket No. 20200069-EI. DEF has budgeted

1 to replace more units in 2022 while maintaining the same Capital spend and
2 decreasing O&M funding projections originally submitted under the Pole
3 Replacement activity within the Structure Hardening Program. This projection is
4 a result of the lower costs per pole shown through February 2021.

5 DEF is projecting a revised number of units to be replaced under the Substation
6 Hardening Program in 2022. The revised unit count is a result of a refinement of
7 specific locations, scope and estimates.

8
9 **Q. Describe steps or programs DEF has taken during SPP initiation to ensure**
10 **timely work completion and efficiency.**

11 **A.** DEF selects locations with the greatest opportunity for reliability improvement
12 using the priority methodology previously outlined in Exhibit No. (JWO-2) in
13 Docket No. 20200069-EI. DEF also targets opportunities for efficiencies by
14 assigning projects to internal crews and contractors located strategically allowing
15 crews to relocate to adjacent work locations, when impediments like maintenance
16 of traffic, permitting, or outage scheduling impacts their ability to complete a
17 specific scope.

18
19 **Q. Does this conclude your testimony?**

20 **A.** Yes, it does.

1 **IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE**

2
3 **FPSC DOCKET NO. 20210010-EI**

4 **DIRECT TESTIMONY OF BRIAN LLOYD**

5 **ON BEHALF OF DUKE ENERGY FLORIDA, LLC**

6 **MAY 3, 2021**

7
8 **I. INTRODUCTION AND QUALIFICATIONS.**

9 **Q. Please state your name and business address.**

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

12
13 **Q. By whom are you employed and in what capacity?**

14 **A. I am employed by Duke Energy Florida, LLC (“DEF” or the “Company”) as**
15 **General Manager, Florida Major Projects.**

16
17 **Q. What are your responsibilities as General Manager, Florida Major Projects?**

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

1 **Q. Please summarize your educational background and work experience.**

2 **A.** I have a Bachelor of Science degree in Mechanical Engineering from Clemson
3 University and am a registered Professional Engineer in the state of Florida.
4 Throughout my 15 years at Duke Energy, I have held various positions within
5 distribution ranging from Engineer to General Manager focusing on Asset
6 Management, Asset Planning, Distribution Design and Project Management. My
7 current position as General Manager of Region Major Projects began in January
8 2020.

9
10 **II. PURPOSE AND SUMMARY OF TESTIMONY.**

11 **Q. What is the purpose of your direct testimony?**

12 **A.** The purpose of my direct testimony is to support the Company's request for
13 recovery of Distribution-related costs associated with DEF's Storm Protection
14 Plan ("SPP") through the Storm Protection Plan Cost Recovery Clause
15 ("SPPCRC"). My testimony supports the Company's SPP costs incurred in 2020
16 and year to date 2021, details the Company's 2020 through 2022 SPP
17 implementation activities along with projected costs through the remainder of
18 2021 and calendar year 2022, and explains how those activities and costs are
19 consistent with DEF's SPP approved by the Commission in Docket No.
20 20200069-EI.

21
22 **Q. Do you have any exhibits to your testimony as it relates to January 2020**
23 **through December 2021 Distribution investments?**

1 A. No, but I am co-sponsoring portions of the schedules attached to Mr. Menendez's
2 direct testimony, included as part of Exhibit No. __ (CAM-1). Specifically, I am
3 sponsoring the Distribution-related O&M project level information shown on
4 Schedule Form 5E, the Distribution-related Capital Projects on Form 7E, the
5 Program Description and Progress Report on Form 8E (pages 40-44 of 49), and
6 the cost portions of:

- 7 • Form 5E (Page 5 of 49, Lines 1 through 1b), and
- 8 • Form 7E (Pages 12-14 of 49 and 21-39 of 49, Lines 1a and 1b), which
- 9 includes the 2020 capital spend reflected in the Beginning Balance figures for
- 10 the Feeder Hardening Program.

11
12 **Q. Do you have any exhibits to your testimony as it relates to January 2022**
13 **through December 2022 Distribution investments?**

14 A. No, but I am co-sponsoring portions of the schedules attached to Mr. Menendez's
15 direct testimony, included as part of Exhibit No. __ (CAM-2). Specifically, I am
16 sponsoring the Distribution-related O&M project level information shown on
17 Schedule Form 2P, the Distribution-related Capital Projects on Form 3P, and the
18 cost portions of:

- 19 • Form 2P (Page 2 of 84, Lines 1 through 1b, 3.1, and 4 through 4b), and
- 20 • Form 4P (Pages 39-49 and 59-77 and 80 of 84, Lines 1a and 1b).

21
22 **Q. Please summarize your testimony.**

1 **A.** In 2020, the Distribution Feeder Hardening Program incurred costs related to
2 engineering in preparation for the work to be completed in 2021; these limited
3 costs are consistent with the 2020 SPP/SPPCRC Agreement filed on July 17,
4 2020,¹ paragraph 3(a). These investments are shown in the beginning balances on
5 Schedule Forms 7E (Line 1a) in Exhibit No.__(CAM-1). DEF is not requesting
6 recovery of any of the 2020 revenue requirements associated with this spend but
7 will include this amount in the SPPCRC rate base beginning in 2021 and recover
8 associated revenue requirements from that point forward.
9 Additionally, I present the Distribution work included in DEF's SPP filed with the
10 Commission on April 10, 2020 for years 2021 and 2022; the costs presented are
11 also consistent with the estimates filed as part of DEF's SPP for these time
12 periods. These costs are also not being recovered through base rates or any other
13 clause mechanism, as such, they should be approved for recovery through the
14 SPPCRC.

15
16 **III. OVERVIEW OF SPP PROGRAMS SOUGHT FOR CURRENT COST RECOVERY**

17
18 **Q.** **Please identify what SPP Programs and activities you incurred costs for**
19 **during 2020?**

20 **A.** DEF incurred approximately \$0.7M of total capital costs related to the Feeder
21 Hardening Program in 2020, as can be seen in the beginning balance in Exhibit
22 No.__(CAM-1) on Schedule Form 7E (pages 12-14 of 49), Line 1a, primarily

¹ Doc. No. 03874-2020, Docket Nos. 20200069-EI and 20200092-EI.

1 related to engineering costs related to projects estimated to be completed in 2021
2 for this program. The CWIP balance for engineering work performed in 2020 for
3 2021 will be included in the SPPCRC rate base used to calculate 2021 revenue
4 requirements. Consistent with the 2020 SPP/SPPCRC Settlement, no O&M
5 related to this Program was incurred or requested for recovery in 2020.
6

7 **Q. How do the 2020 actual spend amounts compare to the previously proposed**
8 **2020 estimated spend for the Feeder Hardening portion of the Storm**
9 **Protection Plan?**

10 **A.** DEF's actual 2020 spend was approximately \$0.7M versus the proposed
11 estimated engineering spend of \$2.4M. DEF had planned to complete 40% of the
12 total proposed engineering work in 2020 for the 2021 work plan but instead
13 completed 12%. This was primarily due to timing related to program set up for
14 Feeder Hardening such as training, employee and contractor placement, and
15 standards updates.
16

17 **Q. Describe the activities that will be performed for Distribution Feeder**
18 **Hardening and its related costs?**

19 **A.** The Feeder Hardening Program will enable the feeder backbone to better
20 withstand extreme weather events. This includes increasing pole sizes, reducing
21 span lengths, updating the basic insulation level ("BIL"), updating the conductor,
22 relocating difficult to access facilities, and replacing equipment to align with

1 current standards, as appropriate. The existing backbone is approximately 6,300
2 miles on 1,325 feeders.

3 In 2021, DEF expects to incur approximately \$59.2M of total capital costs related
4 to this activity, as shown in Schedule Form 7E (pages 12-14 of 49), Line 1a, and
5 an associated amount of O&M totaling approximately \$2.4M for this activity,
6 shown in Schedule Form 5E (page 5 of 49), Line 1.1, in Exhibit No. __ (CAM-1).

7 In 2022, DEF expects to incur approximately \$90.5M of total capital costs related
8 to this activity, as shown in Schedule Form 4P (pages 39-41 of 84), Line 1a, and
9 an associated amount of O&M totaling approximately \$3.6M for this activity,
10 shown in Schedule Form 2P (page 2 of 84), Line 1, in Exhibit No. __ (CAM-2).

11
12 **Q. Describe the activities that will be performed for Lateral Hardening and its**
13 **related costs?**

14 **A.** The Lateral Hardening program will enable branch lines to better withstand
15 extreme weather events. This will include undergrounding of the laterals most
16 prone to damage during extreme weather events and overhead hardening of those
17 laterals less prone to damage. Lateral Undergrounding focuses on branch lines
18 that historically experience the most outage events, contain assets of greater
19 vintage, are susceptible to damage from vegetation, and/or often have facilities
20 that are inaccessible to trucks. These branch lines will be replaced with a modern,
21 updated, and standard underground design of today. The Lateral Overhead
22 hardening strategy will include structure strengthening, deteriorated conductor

1 replacement, removing open secondary wires, replacing fuses with automated line
2 devices, pole replacement (when needed), line relocation, and/or hazard tree
3 removal.

4 In 2021, DEF expects to incur approximately \$3.8M of total capital costs related
5 to engineering costs in preparation for 2022 activity, as shown in Exhibit No.

6 __ (CAM-1) Schedule Form 7E, (pages 21-29 of 49), Line 1a. There is no
7 associated amount of O&M for this engineering activity.

8 In 2022, DEF expects to incur approximately \$59.1M of total capital costs related
9 to the Lateral Hardening Overhead activity, as shown in Exhibit No. __ (CAM-2)
10 on Schedule Form 4P (pages 46-48 of 84), Line 1a, and approximately \$85.4M of
11 total capital costs related to the Lateral Hardening Underground activity, as
12 shown in Schedule Form 4P (pages 59-64 of 84), Line 1a, Exhibit No. __ (CAM-
13 2).

14 An associated amount of O&M totaling approximately \$1.9M for the Lateral
15 Hardening Overhead activity, shown on Schedule Form 2P (page 2 of 84), Line
16 1.3, in Exhibit No. __ (CAM-2), and an associated amount of O&M totaling
17 approximately \$1.1M for the Lateral Hardening Underground activity, shown on
18 Schedule Form 2P (page 2 of 84), Line 4.2, in Exhibit No. __ (CAM-2).

19
20 **Q. Please describe the Pole Inspections and Replacement activities and identify**
21 **the costs you expect to incur during 2021 and 2022?**

22 **A.** As required by the Commission, pole inspections are performed on an 8-year
23 cycle. These inspections determine the extent of pole decay and any associated

1 loss of strength. The information gathered from these inspections is used to
2 determine pole replacements and to effectuate the extension of pole life through
3 treatment and reinforcement.

4 For 2021, the O&M and Capital related to this activity is not included in Exhibit
5 No. __ (CAM-1), rather these costs are collected in base rates.

6 In 2022, DEF expects to incur approximately \$14.7M of total capital costs related
7 to Feeder - Pole Replacement activity, as shown in Schedule Form 4P (pages 42-
8 45 of 84), Line 1a, and an associated amount of O&M totaling approximately
9 \$2.5M to this activity, shown on Schedule Form 2P (page 2 of 84), Line 1.2, in
10 Exhibit No. __ (CAM-2).

11 In 2022, DEF expects to incur approximately \$41.3M of total capital costs related
12 to Lateral Pole Replacement activity, as shown on Schedule Form 4P (page 49 of
13 84), Line 1a, and an associated amount of O&M totaling approximately \$7.0M for
14 this activity, shown on Schedule Form 2P (page 2 of 84), Line 1.4, in Exhibit No.
15 __ (CAM-2).

16
17 **Q. Describe the activities that will be performed for Self-Optimizing Grid**
18 **(“SOG”) and its related costs?**

19 **A.** The SOG program consists of three (3) major components: capacity, connectivity,
20 and automation and intelligence. The SOG program redesigns key portions of the
21 distribution system and transforms it into a dynamic smart-thinking, self-healing
22 network. The grid will have the ability to automatically reroute power around
23 trouble areas, like a tree on a power line, to quickly restore power to the

1 maximum number of customers and rapidly dispatch line crews directly to the
2 source of the outage. Self-healing technologies can reduce outage impacts by as
3 much as 75 percent on affected feeders. The SOG program started as part of
4 DEF's Grid Investment Plan which was partially funded through the 2017
5 Revised and Restated Settlement Agreement. DEF plans to continue this program
6 through the SPP and at completion in 2027, approximately 80% of the distribution
7 feeders on the DEF system will have the ability to automatically reroute power
8 around damaged line sections. 100% of the distribution feeders will have
9 automated switching capability.

10 DEF has budgeted \$3.6M in 2021 for engineering costs in preparation of the 2022
11 SPP SOG construction activity, shown in Schedule Form 7E, (pages 30-39 of 49),
12 Line 1a, in Exhibit No. __ (CAM-1). There is no associated amount of O&M for
13 this engineering activity.

14 In 2022, DEF expects to incur approximately \$74.5M of total capital costs related
15 to this activity, as shown in Schedule Form 4P (pages 65-74 of 84), Line 1a, and
16 an associated amount of O&M totaling approximately \$2.0M for this activity,
17 shown on Schedule Form 2P (page 2 of 84), Line 1.5, in Exhibit No. __ (CAM-2).

18
19 **Q. Describe the activities that will be performed for Underground Flood**
20 **Mitigation and its related costs?**

21 **A.** Underground Flood Mitigation will harden existing underground lines and
22 equipment to withstand a storm surge using DEF's current storm surge standards.
23 This involves the installation of specialized stainless-steel equipment and

1 submersible connections. The primary purpose of this hardening activity is to
2 minimize the damage caused by a storm surge to the equipment and thus reduce
3 customer outages and/or expedite restoration after the storm surge has receded.
4 DEF expects to begin this Program in 2022 and incur approximately \$0.5M of
5 total capital costs related to this activity, as shown in Schedule Form 4P (pages
6 75-77 of 84), Line 1a, in Exhibit No. __ (CAM-2).

7 No associated amount of O&M is expected in 2022 related to this activity.
8

9 **Q. Describe the activities that will be performed for Distribution Vegetation**
10 **Management and its related costs?**

11 **A.** DEF will continue to utilize a fully Integrated Vegetation Management (“IVM”)
12 program focused on trimming feeders and laterals on average 3- and 5-year
13 cycles, respectively, to minimize the impact of vegetation on distribution assets.
14 This corresponds to trimming approximately 1,930 miles of feeder backbone and
15 2,455 miles of laterals annually. The IVM program consists of the following:
16 routine maintenance “trimming”, hazard tree removal, herbicide applications, vine
17 removal, customer requested work, and right-of-way brush “mowing” where
18 applicable. The IVM program incorporates a combination of both cycle-based
19 maintenance and reliability-driven prioritization of work to reduce event
20 possibilities during extreme weather events and enhance overall reliability.
21 For 2021, the O&M and Capital related to this activity is not included in Exhibit
22 No. __ (CAM-1), rather these costs are collected in base rates.

In 2022, DEF expects to incur approximately \$2.0M of total capital costs related to this activity, as shown in the on Schedule Form 4P (page 80 of 84), Line 1a, and an associated amount of O&M totaling approximately \$44.2M for this activity, shown on Schedule Form 2P (page 2 of 84), Line 3.1, in Exhibit No. __ (CAM-2).

Q. Are the Programs and activities discussed above consistent with DEF's SPP?

A. Yes, the planned activities are consistent with the Programs described in detail in DEF's SPP, specifically Exhibit No. _ (JWO-2) in Docket No. 20200069-EI, filed on April 10, 2020, subsequently updated on June 24, 2020.

Q. Would you please provide a summary of the costs associated with the Programs and activities discussed above?

A. Yes, please refer to the table below that represents the SPP investments made in 2020 through February 2021 and projected for the remainder of 2021 and 2022.

<i>(\$ Millions)</i>	2020	2020	2020
SPP Program	Capital	O&M	Total
Feeder Hardening	\$0.7	\$0.0	\$0.7

<i>(\$ Millions)</i>	2021	2021	2021
SPP Program	Capital	O&M	Total
Feeder Hardening	\$59.2	\$2.4	\$61.6
Lateral Hardening	\$3.8	\$0.0	\$3.8
Self-Optimizing Grid	\$3.6	\$0.0	\$3.6
Total	\$66.6	\$2.4	\$69.0

(\$ Millions)	2022	2022	2022
SPP Program	Capital	O&M	Total
Feeder Hardening	\$105.1	\$6.1	\$111.2
Lateral Hardening	\$185.8	\$10.0	\$195.8
Self-Optimizing Grid	\$74.5	\$2.0	\$76.5
Underground Flood Mitigation	\$0.5	\$0.0	\$0.5
D -Vegetation Management	\$2.0	\$44.2	\$46.2
Total	\$367.9	\$62.3	\$430.2

Q. Would you please provide a summary of any observed true-up variances including changes in the utility’s prices of services and/or equipment, changes in the scope of work relative to the estimates provided pursuant to implementation of the approved Storm Protection Plan?

A. The estimated price projection for services and equipment have been in line with projections as of reported actuals ending in February 2021. DEF carried forward an expected 2020 engineering spend of \$2.4M, however, actual 2020 engineering spend was \$0.7M. DEF did not commence engineering until after the FPSC approval of DEF’s filed SPP. DEF will still fully spend the remaining \$1.7M engineering differential in 2021 as part of the 2021 work plan. DEF secured dedicated resources for these 2021 Feeder Hardening projects and completed onboarding actions in mid-January which delayed the start of construction resulting in actual spend for January and February 2021 that is less than previously proposed estimates provided in Exhibit No._(TGF-1) in Docket No. 20200069-EI. While DEF spent less than estimated in 2020 on engineering, this simply represents a timing shift into 2021 due to ramp up time.

DEF has implemented a 2022 workplan in line with the criteria outlined in Exhibit Nos. (JWO-1) and (JWO-2) in Docket No. 20200069-EI. In preparing 2022 budgets, consistent with Exhibit Nos. (JWO-1) and (JWO-2), DEF updated actuals through 2020. This update showed a higher pole failure rate, which is driving an increase in projected pole replacements and associated O&M. DEF has also shifted funding from Lateral Hardening Underground to Lateral Hardening Overhead. Upon initial review of the selected 2022 feeders, a higher ratio of the existing laterals will benefit from overhead hardening efforts. As DEF's execution team moves forward with detailed designs, this ratio could shift. DEF has also shifted proposed funding from Capacity & Connectivity to Automation under the SOG program due to a limited number of opportunities under Capacity & Connectivity versus automation for the selected targets.

Q. Describe steps or programs DEF has taken during SPP initiation to ensure timely work completion and efficiency.

A. DEF is initiating a substation optimization plan whereby DEF will address all distribution level components of SPP from the substation outward. DEF will select a feeder target with the greatest opportunity for improvement using the priority methodology previously outlined in Exhibit No. (JWO-2) in Docket No. 20200069-EI. DEF will then review all feeders out of the substation associated with the selected feeder. Any other feeder(s) from the substation which appear(s) on the priority list in the next 5 years will be moved to current year and will be built to the Feeder Hardening, Lateral Hardening and Self-Optimizing Grid

1 programs within SPP. Using this approach, DEF will have greater engineering
2 oversight, more efficient design, and better project controls. which will allow for
3 streamlined customer communications, reduced service disruptions and mitigate
4 repeat site visits. DEF construction resources will be more efficient and effective
5 by concentrating work in a targeted area, allowing crews to move to nearby or
6 adjacent work locations when impediments like maintenance of traffic or outage
7 scheduling impact their ability to complete a specific scope.

8
9 **Q. Does this conclude your testimony?**

10 **A.** Yes, it does.

1 **IN RE: STORM PROTECTION PLAN COST RECOVERY CLAUSE**

2
3 **FPSC DOCKET NO. 20210010-EI**

4 **DIRECT TESTIMONY OF RON A. ADAMS**

5 **ON BEHALF OF DUKE ENERGY FLORIDA, LLC**

6
7 **May 3, 2021**

8
9 **I. INTRODUCTION AND QUALIFICATIONS.**

10 **Q. Please state your name and business address.**

11 **A. My name is Ron A. Adams. My business address is 107 E. Liberty St., York, SC 29745.**

12
13 **Q. By whom are you employed and what is your position?**

14 **A. I am employed by Duke Energy Carolinas, LLC (“DEC”), as General Manager**
15 Transmission Vegetation Management Strategy team. DEC is an affiliate of Duke
16 Energy Florida (“DEF”) that provide various services to DEF and other affiliated
17 companies of Duke Energy Corporation (“Duke Energy”).

18
19 **Q. Please describe your duties and responsibilities in that position.**

20 **A. I am responsible for the design and implementation of the Transmission Vegetation**
21 Management (“TVM”) standards, programs and specifications in all of the states in
22 which Duke Energy provides electric services. I am responsible for the management of
23 the vegetation along the transmission corridor to ensure grid integrity and reliability,

1 clearance requirements for new construction, supporting the field TVM operations
2 teams with the execution of the programs and daily work activities, budgeting TVM
3 activities and ensuring compliance with state and federal regulatory standards. I also
4 communicate with state and federal authorities regarding Duke Energy's TVM policies
5 and practices.

6

7 **Q. Please describe your educational background and professional experience.**

8 **A.** I graduated from Clemson University with a bachelor's degree in Electrical
9 Engineering. I am a registered professional engineer in the States of North and South
10 Carolina and a Senior Member of the Institute of Electrical and Electronics Engineers
11 ("IEEE"). I have 36 years of professional experience with Duke Energy in various
12 departments including engineering, construction and maintenance, field operations and
13 corporate governance with a passion for customer service and operational excellence.
14 In 2016, I moved from my role as Director, T&D Vegetation Management Governance
15 to Transmission.

16

17 **II. PURPOSE AND SUMMARY OF TESTIMONY.**

18 **Q. What is the purpose of your testimony?**

19 **A.** The purpose of my testimony is to support the Company's request for recovery of
20 Transmission Vegetation Management costs associated with DEF's Storm Protection
21 Plan ("SPP") through the Storm Protection Plan Cost Recovery Clause ("SPPCRC").
22 My testimony supports the Company's SPP Transmission Vegetation Management
23 costs projected for 2022, details the Company's 2022 SPP Transmission Vegetation

1 Management implementation activities, and explains how those activities are consistent
2 with DEF's SPP approved by the Commission in Docket No. 20200069-EI.

3

4 **Q. Do you have any exhibits to your testimony?**

5 **A.** No, but I am co-sponsoring portions of the schedules attached to Mr. Menendez's direct
6 testimony, included as part of Exhibit No. __ (CAM-2). Specifically, I am sponsoring
7 the cost portions of:

- 8 • Form 2P (Page 2 of 84, Line 3.2); and
- 9 • Form 4P (Page 81 of 84, Lines 1a and 1b).

10

11 **Q. Please summarize your testimony.**

12 **A.** In 2022, DEF will continue to utilize Integrated Vegetation Management ("IVM") to
13 minimize the impact of vegetation on the transmission assets. These investments and
14 costs are shown on Schedule Form 2P (Page 2 of 84, Line 3.2) and Form 4P (Page 81
15 of 84, Lines 1a and b). These activities are consistent with those shown in DEF's SPP
16 approved by the Commission in Docket No. 20200069-EI. As such, the Commission
17 should approve these projected costs for recovery through the SPPCRC.

18

19 **Q. Describe the activities that will be performed for Transmission Vegetation**
20 **Management.**

21 **A.** DEF's Transmission IVM program is focused on ensuring the safe and reliable
22 operation of the transmission system by minimizing vegetation-related interruptions
23 and maintaining adequate conductor-to vegetation clearances, while maintaining

1 compliance with regulatory, environmental, and safety requirements or standards. The
2 program activities focus on the removal and/or control of incompatible vegetation
3 within and along the right of way to minimize the risk of vegetation related outages
4 and ensure necessary access within all transmission line corridors.

5 The IVM program includes the following annual activities: planned corridor work
6 which is threat and condition-based, reactive work including hazard tree mitigation,
7 and brush management (herbicide, mowing, and hand cutting) within the corridor.

8 Planned work for DEF is prioritized and scheduled using a threat and condition-based
9 approach identified through remote sensing, aerial patrols and field assessments while
10 considering other factors such as the date of previous work and outage history. The
11 reactive work is identified through the remote sensing, annual aerial inspections and
12 on-going field inspections. The brush management is focused on managing the floor
13 of the corridor and is targeted on a three-to-four-year schedule.

14

15 **Q. Are the Programs and activities discussed above consistent with DEF's SPP?**

16 **A.** Yes, the planned activities are consistent with the Programs described in detail in
17 DEF's SPP, specifically Exhibit No. _ (JWO-2) in Docket No. 20200069-EI.

18

19 **Q. Are the costs associated with the activities discussed above consistent with DEF's**
20 **SPP?**

21 **A.** Yes, the costs associated with the activities discussed above are consistent with, though
22 not identical to, the estimated costs filed with the SPP. That said, the O&M costs have
23 increased moderately due to implementation of remote sensing for condition-based

1 work planning, which has identified more work in the short term and will increase
2 DEF's need to do more annual planned corridor work to improve and sustain system
3 reliability, integrity and resiliency.

4

5 **Q. Does that conclude your testimony?**

6 **A.** Yes.