



Dianne M. Triplett
DEPUTY GENERAL COUNSEL

June 24, 2024

VIA ELECTRONIC MAIL

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

Re: Docket 20240025-EI, Petition for Rate Increase by Duke Energy Florida, LLC

Dear Mr. Teitzman,

On June 11, 2024, the Office of Public Counsel (“OPC”) submitted its confidential testimony and exhibits for William W. Dunkel to Duke Energy Florida, LLC (“DEF”) for review. On June 11, 2024, DEF filed its Notice of Intent to Request Confidential Classification regarding same.

On June 21, 2024, DEF electronically filed its Request Confidential Classification concerning the confidential information contained in the Direct Testimony of William W. Dunkel.

Enclosed for filing is the **redacted** Direct Testimony and Exhibits of William W. Dunkel.

Thank you for your assistance in this matter. Please feel free to call me at (727) 820-4692 should you have any questions concerning this filing.

Respectfully,

/s/ Dianne M. Triplett

Dianne M. Triplett

DMT/mh
Attachments

CERTIFICATE OF SERVICE

Docket No. 20240025-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic mail this 24th day of June, 2024, to the following:

/s/ Dianne M. Triplett

Dianne M. Triplett

Jennifer Crawford / Major Thompson /
Shaw Stiller
Office of General Counsel
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850
JCrawfor@psc.state.fl.us
MThompso@psc.state.fl.us
SStiller@psc.state.fl.us
discovery-gcl@psc.state.fl.us

Jon C. Moyle, Jr. / Karen A. Putnal
Moyle Law Firm, P.A.
FIPUG
118 North Gadsden Street
Tallahassee, Florida 32301
jmoyle@moylelaw.com
kputnal@moylelaw.com

Tony Mendoza / Patrick Woolsey
Sierra Club
2101 Webster Street Suite 1300
Oakland, CA 94612
tony.mendoza@sierraclub.org
patrick.woolsey@sierraclub.org

Sari Amiel
Sierra Club
50 F St. NW, Eighth Floor
Washington, DC 20001
sari.amiel@sierraclub.org

Walt Trierweiler / Charles J. Rehwinkel /
Mary Wessling / Austin Watrous
Office of Public Counsel
111 W. Madison St., Rm 812
Tallahassee, FL 32399
rehwinkel.charles@leg.state.fl.us
trierweiler.walt@leg.state.fl.us
watrous.austin@leg.state.fl.us
wessling.mary@leg.state.fl.us

Bradley Marshall / Jordan Luebke
Hema Lochan
Earthjustice
LULAC & FL Rising
111 S. Martin Luther King Jr. Blvd.
Tallahassee, Florida 32301
bmarshall@earthjustice.org
jluebke@earthjustice.org
hlochan@earthjustice.org
flcaseupdates@earthjustice.org

Robert Scheffel Wright / John T. LaVia,
III
Gardner, Bist, Bowden, Dee, LaVia,
Wright, Perry & Harper, P.A.
Florida Retail Federation
1300 Thomaswood Drive
Tallahassee, Florida 32308
schef@gbwlegal.com
jlavia@gbwlegal.com

Peter J. Mattheis / Michael K. Lavanga /
Joseph R. Briscar
Stone Mattheis Xenopoulos & Brew, PC
NUCOR
1025 Thomas Jefferson Street, NW
Suite 800 West
Washington, DC 20007-5201
pjm@smxblaw.com
mkl@smxblaw.com
jrb@smxblaw.com

James W. Brew / Laura Wynn Baker /
Sarah B. Newman
Stone Mattheis Xenopoulos & Brew, PC
PCS Phosphate-White Springs
1025 Thomas Jefferson Street, NW
Suite 800 West
Washington, DC 20007-5201
jbrew@smxblaw.com
lwb@smxblaw.com
sbn@smxblaw.com

William C. Garner
Law Office of William C. Garner, PLLC
SACE
3425 Bannerman Road
Unit 105, No. 414
Tallahassee, FL 32312
bgarner@wcglawoffice.com

Nikhil Vijaykar
Keyes & Fox LLP
EVgo Services, LLC
580 California St., 12th Floor
San Francisco, CA 94104
nvijaykar@keyesfox.com

Lindsey Stegall
EVgo Services, LLC
11835 W. Olympic Blvd., Ste. 900E
Los Angeles, CA 90064
Lindsey.Stegall@evgo.com

Frederick L. Aschauer, Jr., Esq.
Allan J. Charles, Esq.
Lori Killinger, Esq.
Lewis, Longman & Walker P.A.
AAACE / Circle K / RaceTrac / Wawa
106 East College Avenue, Suite 1500
Tallahassee, Florida 32301
fAschauer@llw-law.com
acharles@llw-law.com
lkilling@llw-law.com
jmelchior@llw-law.com



KATHLEEN PASSIDOMO
President of the Senate

STATE OF FLORIDA
OFFICE OF PUBLIC COUNSEL

c/o THE FLORIDA LEGISLATURE
111 WEST MADISON ST.
SUITE 812
TALLAHASSEE, FLORIDA 32399-1400
850-488-9330

EMAIL: OPC_WEBSITE@LEG.STATE.FL.US
WWW.FLORIDAOPC.GOV



PAUL RENNER
*Speaker of the House of
Representatives*

June 11, 2024

CONFIDENTIAL DOCUMENT ATTACHED

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

Re: Docket No. 20240025 - EI

Dear Mr. Teitzman,

Please find enclosed for filing in the above referenced docket the **confidential** Direct Testimony and Exhibits of William W. Dunkel. This filing is being hand delivered to the Clerk's Office and delivered to counsel for Duke Energy Florida, LLC (DEF). Counsel for DEF has agreed to serve a copy of the confidential testimony to all parties who have executed a non-disclosure agreement with DEF.

The testimony and exhibits of Mr. Dunkel contain information that DEF has asserted to be confidential, and DEF has informed OPC that DEF will file a Notice of Intent to Request Confidential Classification of Mr. Dunkel's testimony and exhibits. DEF will redact the material it claims to be confidential and file a redacted version of the testimony and exhibits with the Commission. It is our understanding that DEF will provide its request for confidentiality, including the highlighted confidential material and the accompanying detailed justification, in a separate filing. OPC reserves its right to challenge DEF's claims of confidentiality at the appropriate time.

If you have any questions or concerns; please do not hesitate to contact me. Thank you for your assistance in this matter.

Sincerely,

Walter Trierweiler
Public Counsel

/s/ Mary A. Wessling
Mary A. Wessling
Associate Public Counsel
Florida Bar No. 093590

CERTIFICATE OF SERVICE
DOCKET NO. 20240025-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic mail on this 11th day of June, 2024, to the following:

*Major Thompson
*Shaw Stiller
Florida Public Service Commission
Office of General Counsel
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850
mthompso@psc.state.fl.us
sstiller@psc.state.fl.us
discovery-gcl@psc.state.fl.us

Matthew R. Bernier
Stephanie A. Cuello
Duke Energy Florida, LLC
106 E. College Avenue, Suite 800
Tallahassee, FL 32301
FLRegulatoryLegal@duke-energy.com
Matthew.Bernier@duke-energy.com
Stephanie.Cuello@duke-energy.com

Robert Pickels
Duke Energy Florida, LLC
106 East College Avenue, Suite 800
Tallahassee, FL 32301-7740
Robert.Pickels@duke-energy.com

Dianne M. Triplett
Duke Energy Florida, LLC
299 First Avenue North
St. Petersburg, FL 33701
Dianne.Triplett@duke-energy.com

Molly Jagannathan
Melissa O. New
Troutman Pepper, LLC
600 Peachtree Street NE, Suite 3000
Atlanta, GA 30308
Molly.jagannathan@troutman.com
Melissa.butler@troutman.com

**Jon C. Moyle, Jr.
**Karen A. Putnal
Moyle Law Finn, P.A.
118 North Gadsden Street
Tallahassee, Florida 32301
jmoyle@moylelaw.com
kputnal@moylelaw.com

**Bradley Marshall
**Jordan Luebke
Earthjustice
111 S. Martin Luther King Jr. Blvd.
Tallahassee, Florida 32301
bmarshall@earthjustice.org
jluebke@earthjustice.org

**Tony Mendoza
**Patrick Woolsey
Sierra Club
2101 Webster Street, Suite 1300
Oakland, CA 94612
tony.mendoza@sierraclub.org
patrick.woolsey@sierraclub.org

* Not served at this time. One (1) copy of the confidential testimony has been filed with the PSC Clerk's Office under seal, pending confidentiality determination. DEF will serve Staff with a public version as soon as it becomes available.

**Counsel for DEF will serve those parties who have executed a non-disclosure agreement with DEF.

**Hema Lochan
Earthjustice
48 Wall Street, 15th Floor
New York, NY 10005
hlochan@earthjustice.org
flcaseupdates@earthjustice.org

**Robert Scheffel Wright
**John T. LaVia, III
Gardner Bist Law Firm
1300 Thomaswood Drive
Tallahassee, FL 32308
schef@gbwlegal.com
jlavia@gbwlegal.com

**Sari Amiel
Sierra Club
50 F St. NW, Eighth Floor
Washington, DC 20001
sari.amiel@sierraclub.org

**William C. Garner
Law Office of William C. Garner, PLLC
3425 Bannerman Road
Unit 105, No. 414
Tallahassee, FL 32312
bgarner@wcglawoffice.com

**James W. Brew
**Laura Baker
Sarah B. Newman
Stone Mattheis Xenopoulos & Brew
1025 Thomas Jefferson St. NW
Suite 800 West
Washington, DC 20007-5201
jbrew@smxblaw.com
lwb@smxblaw.com
sbn@smxblaw.com

**Peter J. Mattheis
**Michael K. Lavanga
**Joseph R. Briscar
Stone Mattheis Xenopoulos & Brew
1025 Thomas Jefferson St. NW
Suite 800 West
Washington, DC 20007-5201
pjm@smxblaw.com
mkl@smxblaw.com
jrb@smxblaw.com

**Frederick L. Aschauer, Jr.
**Allan J. Charles
**Lori Killinger
**J. Melchior
Lewis, Longman & Walker, PA
106 E. College Ave, Suite 1500
Tallahassee, FL 32301
fashauer@llw-law.com
acharles@llw-law.com
lkillinger@llw-law.com
jmelchior@llw-law.com

**Lindsey Stegall
EVgo Services, LLC
11835 W. Olympic Blvd., Suite 900E
Los Angeles, CA 90064
Lindsey.Stegall@evgo.com

**Nikhil Vijaykar
Keyes & Fox LLP
580 California Street, 12th Floor
San Francisco, CA 94104
nvijaykar@keyesfox.com

/s/ Mary A. Wessling
Mary A. Wessling
Associate Public Counsel
Wessling.mary@leg.state.fl.us

* Not served at this time. One (1) copy of the confidential testimony has been filed with the PSC Clerk's Office under seal, pending confidentiality determination. DEF will serve Staff with a public version as soon as it becomes available.

**Counsel for DEF will serve those parties who have executed a non-disclosure agreement with DEF.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Petition for rate increase
by Duke Energy Florida, Inc. /

Docket No. 20240025-EI
FILED: June 11, 2024

CONFIDENTIAL PER DESIGNATION OF THE COMPANY

**DIRECT TESTIMONY
OF
WILLIAM W. DUNKEL
ON BEHALF
OF
THE CITIZENS OF THE STATE OF FLORIDA**

Walt Trierweiler
Public Counsel

Charles J. Rehwinkel
Deputy Public Counsel

Mary A. Wessling
Associate Public Counsel

Austin A. Watrous
Associate Public Counsel

Office of Public Counsel
c/o The Florida Legislature
111 West Madison Street, Suite 812
Tallahassee, FL 32399-1400
(850) 488-9330

*Attorneys for the Citizens
of the State of Florida*

Table of Contents

I. Introduction 1

II. Mr. Allis Assumed the Anclote Plant Would Retire Years Before DEF Expected It to Retire. 4

III. Mr. Allis Knew the DEF Expectations When He Used the Earlier Retirement Date. 8

IV. Mr. Allis Ignored \$12 Million Annual Positive Net Salvage-Prime Movers-General 9

V. Mr. Allis Says the Life Range for Battery Storage Is 10 To 20 Years. He Used 10 Years. 12

VI. Life of Solar Farms 13

VII. Life of Base Load Production Units 15

VIII. Efficient Use of The Simple Cycle Depreciation Reserve..... 19

IX. Conclusion on Depreciation Rates 20

X. Dismantlement Cost Study Double Recovery of Dismantlement Costs of Solar Farms On
Leased Property 21

XI. Neither Mr. Kopp Nor 1898 & Co Have Ever Participated In an Actual Dismantlement 25

XII. Experience Shows That DEF Has Been Consistently Over Recovering For Dismantlement 27

XIII. Claimed Contingency Cost 30

XIV. Inventory Costs..... 33

XV. The Assumed Hines Cooling Pond Dismantlement. 35

XVI. Anclote Retirement Date in Dismantlement..... 38

XVII. Conclusion on Dismantlement Cost Estimates. 38

XVIII. Approximately Half of Families Have A Cost Of Money Over 20% A Year 38

XIX. Recommendation..... 39

1 **I. Introduction**

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

3 A. My name is William W. Dunkel. My business address is 8625 Farmington Cemetery Road,
4 Pleasant Plains, Illinois 62677.

5

6 **Q. Have you prepared a summary of your qualifications and experience, including a list**
7 **of prior regulatory proceedings in which you have participated?**

8 A. Yes. Exhibit WWD-1 is a summary of my qualifications, experience, and a list of prior
9 testimonies before state utility regulatory agencies. As shown in Exhibit WWD-1, for
10 several decades I have participated in numerous state regulatory proceedings nationwide.
11 I have participated in proceedings before approximately half of the state utility regulatory
12 commissions in the nation.

13 I graduated from the University of Illinois with a Bachelor of Science Degree in
14 Engineering. For several years, I was a design engineer designing electric watt-hour meters
15 used in the electric utility industry. I was granted patent No. 3822400 for a solid-state meter
16 pulse initiator which was used in electric utility metering.

17

18 **Q. Are you a member of a depreciation professional organization?**

19 A. Yes. I am a member in good standing of the Society of Depreciation Professionals. My
20 firm was invited to make a presentation to the Society of Depreciation Professionals annual

1 convention in Indianapolis, Indiana, pertaining to depreciation issues in state proceedings,
2 which I co-presented on September 17, 2018.

3

4 **Q. On whose behalf are you providing testimony?**

5 A. I am testifying on behalf of the Office of the Public Counsel of the State of Florida
6 (“OPC”).

7

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

9 A. One purpose of this testimony is to address depreciation rates and to recommend
10 appropriate depreciation rates for Duke Energy Florida (“DEF”). This testimony responds
11 to the Direct Testimony of Ned W. Allis (“Allis direct”), the DEF Depreciation Study
12 (Exhibit No. NWA-1), and related workpapers, discovery responses, and other related
13 information. I also recommend specific, appropriate depreciation rates for DEF.

14 I also address the DEF 2023 Dismantlement Cost Study (Exhibit JTK-2) (“dismantlement
15 study”), and the associated Direct Testimony of Jeffery T. Kopp (“Kopp direct”), and
16 related workpapers, discovery responses, and other related information. I also recommend
17 specific, appropriate dismantlement costs for the DEF production facilities.

1 **Q. Could you please provide the definition of depreciation?**

2 A. Yes. The definition contained in the FERC Uniform System of Accounts states the
3 following:

4 12. Depreciation, as applied to depreciable electric plant, means the loss in
5 service value not restored by current maintenance, incurred in connection
6 with the consumption or prospective retirement of electric plant in the
7 course of service from causes which are known to be in current operation
8 and against which the utility is not protected by insurance. Among the
9 causes to be given consideration are wear and tear, decay, action of the
10 elements, inadequacy, obsolescence, changes in the art, changes in demand
11 and requirements of public authorities.¹

12

13 **Q. Are the procedures and techniques you utilized consistent with prior Florida Public**
14 **Service Commission (“Commission”) orders?**

15 A. Yes. My recommended depreciation rates are determined based on the straight-line
16 method, average service life (also known as “broad group”) procedure, and the remaining
17 life technique.² This is consistent with prior depreciation rates adopted by the Commission.
18 I follow the requirements of the FERC Uniform System of Accounts.³ My proposed
19 depreciation rates are consistent with recommendations contained in “Public Utility
20 Depreciation Practices,” published by the National Association of Regulatory Utility
21 Commissioners (NARUC).⁴

¹ Uniform System of Accounts Prescribed for Public Utilities and Licensees Subject to the Provisions of the Federal Power Act, 18 C.F.R. pt. 101(12).

² These are the same method, procedure, and technique used by Mr. Allis, as stated on page 8, lines 15-16 of his direct testimony.

³ Uniform System of Accounts Prescribed for Public Utilities and Licensees Subject to the Provisions of the Federal Power Act, 18 C.F.R. pt. 101.

⁴ “Public Utility Depreciation Practices,” published by the National Association of Regulatory Utility Commissioners. (1996).

1 **Q. Are your proposed depreciation rates just and reasonable?**

2 A. Yes. I am familiar with preparing just and reasonable rates. In the past ten years, my firm
3 has participated nationwide on behalf of the commission or commission staff in
4 approximately half of our proceedings. The U.S. Supreme Court stated:

5 [T]he fixing of ‘just and reasonable’ rates, involves a balancing of the investor and
6 the consumer interests.⁵

7 I prepare depreciation rates which are proper, and which reasonably balance investor and
8 consumer interests.

9

10 **II. Mr. Allis Assumed the Anclote Plant Would Retire Years Before DEF Expected It to**
11 **Retire**

12 **Q. What did Mr. Allis do which greatly overstated his claimed depreciation rates for the**
13 **Anclote steam production plant?⁶**

14 A. Mr. Allis calculated his claimed depreciation rates using an assumed retirement year which
15 is several years prior to when DEF expects this Anclote plant to retire. Using an earlier
16 retirement date in the depreciation rate calculations increases the calculated depreciation
17 rates.

⁵ *Federal Power Commission v. Hope Natural Gas Co.*, 320 U.S. 591, 603 (1944).

⁶ The Anclote steam production plant consists of two gas-fired steam production units, Unit 1 and Unit 2.

1 **Q. What probable retirement year for Anclote did Mr. Allis use to calculate the**
2 **depreciation rates he filed?**

3 A. Mr. Allis used 2029 as the Anclote Probable Retirement Year for purposes of calculating
4 his proposed depreciation rates. That fact he used 2029 as the Probable Retirement Year
5 can be seen on page 37 of Mr. Allis' depreciation study, Exhibit NWA-1.⁷

6

7 **Q. When Mr. Allis was preparing his depreciation study, was it already publicly known**
8 **that DEF did not expect the Anclote plant to retire in 2029?**

9 A. Yes. Mr. Allis' cover letter transmitting his depreciation study to DEF is dated August 23,
10 2023.⁸ More than three years prior to that, in April 2020, the Duke Energy Florida Ten-
11 Year Site Plan, which covered the DEF plans for the years 2020 through 2029, showed that
12 DEF did **not** expect Anclote to retire any time during that period, which is through 2029.⁹
13 More than three years prior to Mr. Allis completing his depreciation study, it was public
14 knowledge that DEF did **not** expect Anclote to retire in 2029.

⁷ You can also see Mr. Allis actually used 2029 in the Anclote calculations on page 53 of his Exhibit NWA-1.

⁸ Page 3 of Exhibit NWA-1.

⁹ Duke Energy Florida, LLC, Ten-Year Site Plan, dated April, 2020, page 1-3, shows both Anclote Unit 1 and Anclote Unit 2 remaining in service throughout the planning period, which is through 2029.

1 **Q. Did subsequent DEF Ten-Year Site Plans continue to show that DEF expected the**
2 **Anclote plant to be in service after 2029?**

3 A. Yes. The subsequent DEF Ten-Year Site Plans all continued to show that DEF expected
4 the Anclote plant to be in service after 2029. For example, the DEF Ten-Year Site Plan
5 covering the years 2023-2032, shows that DEF did **not** expect Anclote to retire any time
6 during that period, which is through 2032.¹⁰ In other words, DEF expected Anclote to at
7 least still be in service on January 1, 2033. This Ten-Year Site Plan covering the years
8 2023-2032 was transmitted to the Commission by DEF on April 3, 2023, which is several
9 months prior to Mr. Allis submitting his depreciation study to DEF on August 23, 2023.¹¹

10

11 **Q. What is Exhibit WWD-2?**

12 A. This exhibit contains pages from the DEF Ten-Year Site Plan dated April, 2022 covering
13 the years 2022-2031, which shows that DEF did not expect Anclote to retire any time
14 during that period, which is through 2031.

15 DEF provided this DEF Ten-Year Site Plan, on April 1, 2022. This was a public document
16 a year and several months **prior** to Mr. Allis sending his depreciation study to DEF on
17 August 23, 2023.

¹⁰ Duke Energy Florida, LLC, Ten-Year Site Plan, dated April, 2023, page 1-3, shows both Anclote Unit 1 and Anclote Unit 2 remaining in service throughout the planning period, which is through 2032.

¹¹ The prior DEF Ten-Year Site Plan, dated April, 2022, page 1-3, shows both Anclote Unit 1 and Anclote Unit 2 remaining in service throughout the planning period, which is through 2031.

1 Page 1-3 shows DEF expected both Anclote Unit 1 and Anclote Unit 2 to remain in service
2 throughout the planning period, which was through 2031.

3 This is just one of the several DEF Ten-Year Site Plans from years prior to Mr. Allis’
4 depreciation study that showed that DEF did not expect to retire Anclote in 2029. More
5 than three years prior to Mr. Allis completing his depreciation study, it was public
6 knowledge, from several different DEF Ten-Year Site Plans, that DEF did **not** expect
7 Anclote to retire in 2029 and expected it to still be in service after 2029.

8

9 **Q. What happened when you, through the OPC, pointed out the Anclote retirement date**
10 **discrepancy between Mr. Allis’ depreciation study and the DEF Ten-Year Site Plans?**

11 A. After we demonstrated this discrepancy, DEF answered:

12 c. The 2029 probable retirement date is the same estimate as used for the
13 current depreciation rates. The Company’s current planning horizon is for a
14 2042 retirement date, which is the most reasonable expectation based on
15 information currently available, and **the retirement date for this facility**
16 **should be updated to 2042.**¹² (Emphasis added)

17

18 **Q. How much did Mr. Allis using a 2029 probable retirement date in his Anclote**
19 **calculations increase the claimed depreciation expense?**

20 A. The documents DEF provided with its response to OPC’s Sixth Set of Interrogatories, No.
21 139 show that the steam production depreciation expense is **\$29 million higher** when 2029

¹² DEF response to OPC’s Sixth Set of Interrogatories, No. 139. Attached as Exhibit WWD-3.

1 is used as the Anclote probable retirement year, compared to using 2042 as the probable
2 retirement year.

3

4 **III. Mr. Allis Knew the DEF Expectations When He Used the Earlier Retirement Date.**

5 **Q. Had DEF provided Mr. Allis DEF’s estimated retirement dates while he was**
6 **preparing his depreciation study?**

7 A. Yes. When asked about the probable retirement dates of the production units used in the
8 depreciation study, the DEF response was:

9 a. The Company provided estimated retirement dates for production units,
10 which were then discussed with Mr. Allis. The proposed retirement dates
11 are based on both the Company’s and Mr. Allis’s expertise.¹³

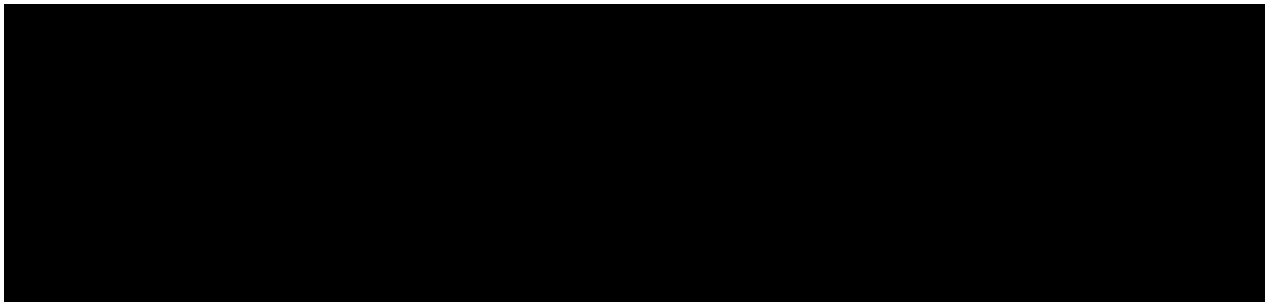
12 Mr. Allis was provided the Company “estimated retirement dates for production units,” but
13 instead he chose to use in his calculations a probable retirement date of 2029, using “Mr.
14 Allis’ expertise.” By using that improper earlier retirement date in his depreciation
15 calculations, Mr. Allis improperly overstated the depreciation expense by \$29 million per
16 year for Anclote.

17 ***** BEGIN CONFIDENTIAL PER DEF DESIGNATION *****

18

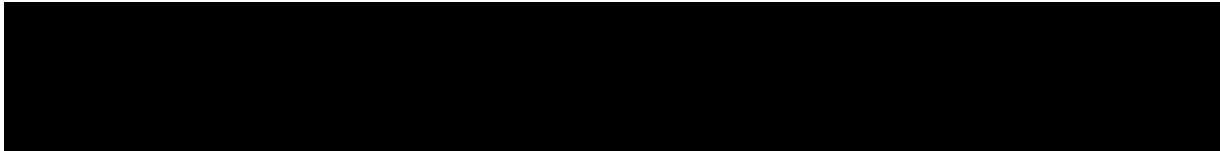
19

20



¹³ DEF response to OPC’s Sixth Set of Interrogatories, No. 138. Included in Exhibit WWD-3.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17



***** END CONFIDENTIAL PER DEF DESIGNATION*****

Q. In your calculations, what probable retirement date did you use for the Anclote production plant?

A. Consistent with the DEF expectations, I used 2042 as the probable retirement date in my calculations. I removed the \$29 million annual overstatement of Anclote depreciation expense which is included in Mr. Allis' proposed depreciation rates.

IV. Mr. Allis Ignored \$12 Million Annual Positive Net Salvage-Prime Movers-General

Q. Is there another issue in which Mr. Allis' recommendation is clearly inconsistent with the actual data?

A. Yes. Data provided by DEF in response to discovery shows that in Account 343.00, Prime Movers-General, DEF benefits from positive net salvage which has averaged \$12,450,761 per year.¹⁴ This is a positive number, which means it is to DEF's benefit; it is not an amount DEF is to pay out.

¹⁴ This \$12,450,761 per year is the average for the most recent five years, as shown on page 6 of Exhibit WWD-4, which is from the DEF response to OPC Sixth Set of Interrogatories, No. 126.

1 **Q. What is Exhibit WWD-4?**

2 A. Exhibit WWD-4 is the DEF discovery response which shows the positive net salvage that
3 has averaged \$12,450,761 per year in Account 343.00, Prime Movers- General.¹⁵

4

5 **Q. What did Mr. Allis do when calculating his proposed depreciation rates [that would
6 be recovered from ratepayers through depreciation expense]?**

7 A. Mr. Allis pretended this \$12 million per year positive net salvage did not exist. In his
8 proposed calculations he uses the net salvage for Account 343.00, Prime Movers-General
9 as zero.¹⁶

10

11 **Q. Please provide an analogy to what Mr. Allis is doing.**

12 A. Assume a medical provider received a payment from an insurance company for services
13 provided to a certain patient. However, when billing that patient, the medical provider
14 pretended that the payment from the insurance company was \$0. That would be a clear
15 overcharge and is analogous to what Mr. Allis is attempting in this case in Account 343.00,
16 Prime Movers-General.

¹⁵ This \$12,450,761 per year is the average for the most recent five years, as shown on page 6 of Exhibit WWD-4, which is from the DEF response to OPC Sixth Set of Interrogatories, No. 126.

¹⁶ His use of 0 occurs in the Net Salvage column of Account 343.00, Prime Movers-General on several lines on pages 53-57 of Exhibit NWA-1.

1 **Q. What analysis of the actual DEF data did Mr. Allis prepare in the Prime Mover**
 2 **accounts?**

3 A. In his depreciation study Mr. Allis stated that he had done a separate net salvage analysis
 4 for the Rotable Prime Mover (Account 343.10-Prime Mover-Rotable Parts), and a separate
 5 net salvage analysis for the remainder of the Prime Mover account (Account 343.00-Prime
 6 Mover – General).¹⁷ However, he did not show these two analyses in his depreciation study.
 7 We have obtained those two analyses through discovery.¹⁸

8 The figure below compares Mr. Allis recommendations to the key results shown on his
 9 own analyses.

10 **Figure 1- Account 343 Net Salvage**

		Mr. Allis' Recommendation	Mr. Allis' Analysis ¹⁹	
			Last 5 Years	All Years
343.00	Prime Movers – General	0%	36%	35%
343.10	Prime Movers - Rotable	40%	36%	57%

11
 12 Even his own analysis, for what that is worth, comes nowhere near supporting Mr. Allis'
 13 zero net salvage recommendation for Account 343.00, Prime Movers-General.²⁰

¹⁷ Pages 544-546 of Exhibit NWA-1.

¹⁸ Exhibit WWD-4, which is from the DEF response to OPC's Sixth Set of Interrogatories, No. 126.

¹⁹ Exhibit WWD-4, which is from the DEF response to OPC's Sixth Set of Interrogatories, No. 126.

²⁰ This does not imply I support his net salvage analysis method, but this shows the net salvage analysis even prepared by Mr. Allis using his preferred method does not support his zero net salvage recommendation in Account 343.00, Prime Movers-General.

1 **Q. What is the result of Mr. Allis calculating his proposed Prime Mover-General**
2 **depreciation rates using a zero net salvage?**

3 A. Mr. Allis is ignoring the over \$12 million per year average positive net salvage that occurs
4 in the real-world Account 343.00-Prime Mover – General. By pretending the net salvage
5 is zero for purposes of his calculations, he overstates the depreciation expense in this
6 account by several million dollars per year.

7 I recommend **not** pretending the net salvage is zero, when in the real world the positive net
8 salvage averages over \$12 million per year in Account 343.00-Prime Mover – General.

9

10 **V. Mr. Allis Says the Life Range for Battery Storage Is 10 To 20 Years. He Used 10 Years.**

11 **Q. What does Mr. Allis’ depreciation study say about the life of utility battery storage?**

12 A. Page 538 of his depreciation study states:

13 ***Battery Storage***

14 The Company has added battery storage assets to its system since the prior
15 depreciation study. A typical service life for these types of assets is in the
16 10 to 20 year range. The 10-S3 survivor curve is recommended with 0 net
17 salvage.

18 The “10-S3 survivor curve” means Mr. Allis used a 10-year average service life in his
19 depreciation rate calculations.

20 The U.S. Supreme Court stated:

21 [T]he fixing of ‘just and reasonable’ rates, involves a balancing of the
22 investor and the consumer interests.²¹

²¹ *Federal Power Commission v. Hope Natural Gas Co.*, 320 U.S. 591, 603 (1944).

1 Mr. Allis states the “typical service life for these types of assets is in the 10 to 20 year
2 range.” Selecting the 10-year extreme is not a reasonable “balancing of the investor and
3 the consumer interests.”

4

5 **Q. What does the DEF filing show is the current approved life for the DEF battery
6 storage?**

7 A. Mr. Allis’ depreciation study shows 15-S3 is the current survivor curve for Account 348-
8 Battery Storage.²² “15-S3” includes a 15-year average service life.

9

10 **Q. What life do you recommend for the depreciation rate calculations?**

11 A. I recommend the continued use of the 15-S3 survivor curve.

12

13 **VI. Life of Solar Farms**

14 **Q. What life does Mr. Allis use for all DEF solar farms?**

15 A., Mr. Allis uses a 30-year life for all DEF solar farms, even for the newest solar production
16 facilities, including those DEF plans to build in 2024.²³

²² Page 65 of Exhibit NWA-1.

²³ Page 38-39, Exhibit NWA-1.

1 **Q. Has the technology of solar production been improving over time?**

2 A. Yes. The technology for solar production has been improving over time, resulting in a
3 longer expected life span for the newer solar facilities.

4 As an example of longer lives, Maxeon solar panels are have a warranty that they will still
5 be producing at an 88.25% power level at age 40 years.²⁴

6

7 **Q. What does research funded by the U.S. Department of Energy say about the increase
8 in the life of solar production facilities?**

9 A. For several years the U.S. Department of Energy has funded the Lawrence Berkeley
10 National Laboratory (LBNL) research of the Utility-Scale Solar production facilities. The
11 recent LBNL release, “Utility-Scale Solar, 2022 Edition” states the:

12 **[P]roject life increases** from 21.5 years in 2007 **to 35 years in 2021** (both
13 based on prior LBNL research).²⁵

14

15 **Q. What life have you used in your recommendations?**

16 A. For DEF solar production facilities installed **prior** to the year 2021, I use a 30-year average
17 service life, which is the same life Mr. Allis uses.

18 For the DEF solar production facilities installed in the year 2021 or later, I use a 35-year
19 average service life. My treatment is consistent with the U.S. Department of Energy

²⁴ To be clear, the end of a warranty period is not necessarily the end of the useful life.

²⁵ Page 27, Utility-Scale Solar, 2022 Edition, LBNL. (Emphasis added). Attached Exhibit WWD-5 is from this LBNL 2022 Edition.

1 funded research which shows that the service life of the newer solar production facilities
2 is longer than the service life of the earlier solar production facilities. Specifically the
3 expected life is “35 years in 2021.”
4

5 **VII. Life of Base Load Production Units**

6 **Q. In the past what type of units were many of the base load units?**

7 A. In the past, many base load units were steam production units.²⁶
8

9 **Q. How long did the steam production units live, based on DEF actual experience?**

10 A. The lives of the DEF steam production units averaged over 50 years. Two steam production
11 units in this case are Anclote units 1 and 2 (natural gas fired). These units have expected
12 life spans of 64 and 68 years.²⁷

13 The other two steam production units in this case are Crystal River units 4 &5 (coal fired)
14 and they are expected to have a life span of 52 years.²⁸

²⁶ DEF also had a nuclear unit in the past, but it is retired.

²⁷ Anclote Unit 1 went in service in 1974 and is expected to retire in 2042 (per the DEF response to OPC Sixth Set of Interrogatories, No. 139, which is Exhibit WWD-3), a life of 68 years. Anclote unit 2 went in service in 1978 and is expected to retire in 2042, a life of 64 years. DEF now classifies the Anclote units as intermediate units per page 16 of MFR Schedule B-7.

²⁸ Exhibit NWA-1, page 37. DEF classifies the Crystal River units as base load units per page 16 of MFR Schedule B-7 (“CR” = Crytal River).

1 **Q. What type of units are most of the DEF base load units now?**

2 A. Other than the Crystal River steam plant, and a small University of Florida unit, all of the
3 DEF base load units are now combined cycle units.²⁹

4

5 **Q. What is one characteristic of base load units?**

6 A. Base load units general do not have to “load follow.” Starts, and large, rapid changes in
7 power output, can create stress in a production unit.

8

9 **Q. Please demonstrate from discovery in this case that the number of starts are**
10 **significant for a production unit.**

11 A. In response to discovery, DEF stated:

12 For Intercession City Unit P11 as with all DEF's simple cycle CTs, the
13 Company determines maintenance cycles and inspections based on industry
14 defined intervals. These are different for each of the various OEM providers
15 of the hardware. For Intercession City Unit P11 and other Siemens units,
16 the Company uses **starts-based inspection cycles**, run time, and results
17 from minor inspections.³⁰ (Emphasis added).

²⁹ Page 15-16 of MFR Schedule B-7. The Unit Type is shown on page 1-3 of the DEF April 2024 Ten Year Site Plan.

³⁰ DEF response to OPC’s Sixth Set of Interrogatories 128 (d).

1 **Q. What is one thing that is done which allows base load production units to have average**
2 **lifespans of over 50 years in real world operations?**

3 A. From time-to-time production units are taken offline, with components being inspected,
4 repaired and /or replaced as appropriate.³¹ The turbines maybe opened to allow access to
5 the interior. The “interim retirements” that occurred during this process are included in the
6 depreciation calculations, in addition to the portion of the calculations which is based upon
7 the lifespan.

8
9 **Q. In the DEF depreciation study, what life span is used to calculate the depreciation**
10 **rates for the combined cycle production units?**

11 A. In the DEF depreciation study, Mr. Allis used a 40-year life span to calculate the
12 depreciation rates for all combined cycle production units.³²

13 In the 2021 case, Mr. Allis was using a 35-year life span to calculate the depreciation rates
14 for each combined cycle production unit. The settlement of that case took a step in the right
15 direction and moved the life span of combined cycle production units to 40 years for
16 purposes of calculating the depreciation rates.³³

³¹ A similar process also occurs for peaker and intermediate production units.

³² Page 38 of Exhibit in NWA-1.

³³ Page 20, Order No. PSC-2021-0202A-AS-EI, Docket Nos. 20190110-EI, 20190222-EI, and 20210016-EI.

1 **Q. In his testimony Mr. Allis refers to Florida Power and Light’s combined cycle plants.**
2 **He says Lauderdale Units 4 and 5 both had life spans of 25 years.³⁴ Did Lauderdale**
3 **Units 4 and 5 have life spans of only 25 years?**

4 A. No. These Florida Power and Light Lauderdale units were constructed in the 1950s.³⁵ They
5 retired in 2018. They had life spans somewhere near 60 years.

6 These units were repowered in 1993, but they had already been in service for several
7 decades prior to 1993.³⁶

8

9 **Q. What life span do you recommend for the DEF combined cycle production units?**

10 A. Almost all of the DEF combined cycle production units are base load units.³⁷ I recommend
11 that a life span of 45 years be used in the depreciation rate calculations for the combined
12 cycle production units.

³⁴ Page 23, direct testimony of Mr. Allis.
³⁵ DEF response to OPC’s Fifth Set of Interrogatories, No. 86.
³⁶ DEF response to OPC’s Fifth Set of Interrogatories, No. 86.
³⁷ Except for Tiger Bay, all DEF combined cycle production units are base load units. Tiger Bay contains only 4% of the DEF combined cycle MWs. (199 Tiger Bay MW/5,247 Combined Cycle MW=3.8%). Data from page 1-3 of DEF’s April 2024 Ten-Year Site Plan.

1 VIII. Efficient Use of The Simple Cycle Depreciation Reserve

2 **Q. Did DEF move some depreciation reserve amounts among accounts which were in the**
3 **same plant category?**

4 A. Yes. I am not objecting to that. This is sometimes referred to as “redistributing” the
5 depreciation reserve. DEF “considered the theoretical reserve for adjustments between
6 accounts” when redistributing the depreciation reserve amounts.³⁸ One example is that the
7 Book Depreciation Reserve amounts for the General Plant accounts used on page 59 of Mr.
8 Allis’ depreciation study³⁹ are the amounts after the depreciation reserve has been
9 redistributed by DEF.⁴⁰ I am not objecting to that.

10
11 **Q. Did you redistribute the depreciation reserve within the Simple Cycle Production**
12 **Plant category?**

13 A. Yes. After replacing the zero net salvage that Mr. Allis had used for Account 343.00 Prime
14 Movers-General with the corrected net salvage, I then redistributed the Simple Cycle
15 Production Plant book reserve amount among the accounts in the Simple Cycle Production
16 Plant category. I redistributed based on the relative Theoretical Reserve Amount of each
17 account. This redistribution of the Simple Cycle Production Plant depreciation reserve is
18 shown on Exhibit WWD-6.

³⁸ DEF response to OPC’s Sixth Set of Interrogatories, No. 131.

³⁹ Page 59, Exhibit NWA-1.

⁴⁰ The redistribution of the depreciation reserve by DEF is shown in the DEF workpaper “DEF-2022-2024 Balance Rollforward.”

1 **Q. Does this redistribution of the Simple Cycle Production Plant depreciation reserve**
2 **change the total amount of Simple Cycle Production Plant depreciation reserve?**

3 A. No. In the DEF depreciation study the total Simple Cycle Production Plant depreciation
4 reserve used in calculating the depreciation rates is \$457,228,937.⁴¹ The total Simple Cycle
5 Production Plant depreciation reserve used in my calculation of the depreciation rates is
6 the same amount: \$457,228,937.

7 I recommend the redistribution of the Simple Cycle Production Plant depreciation reserve
8 as shown on Exhibit WWD-6 be adopted.

9

10 **IX. Conclusion on Depreciation Rates**

11 **Q. What depreciation rates do you recommend?**

12 A. For the reasons discussed above, I recommend the OPC Depreciation Rates shown on
13 Exhibit WWD-7. The following Figure compares the annual depreciation expense at the
14 current depreciation rates, the DEF proposed depreciation rates, and the OPC proposed
15 depreciation rates. Please note that these depreciation expense figures are based on the
16 investment level as of December 31, 2024. The dollar impact in the rate case may differ
17 because of a different investment level being used. The actual calculation of the
18 depreciation expense using the OPC's proposed rates is included in the testimony of other
19 witnesses.

⁴¹ Exhibit NWA-1, page 57.

1 **Figure #2. Comparison**

	Current Rates Annual Accrual	DEF Proposed		OPC Proposed		
		Annual Accrual	Different from Current	Annual Accrual	Different from Current	Different from DEF
Steam Production Combined Cycle Prod.	174,860,964	180,512,441	5,651,477	151,256,545	(23,604,419)	(29,255,896)
Simple Cycle Prod.	190,475,733	180,552,327	(9,923,406)	154,968,136	(35,507,597)	(25,584,191)
Solar Production	28,693,842	29,268,649	574,807	15,273,900	(13,419,942)	(13,994,749)
Transmission Plant	71,875,738	73,156,757	1,281,019	63,851,314	(8,024,424)	(9,305,443)
Distribution Plant	154,685,725	170,566,999	15,881,274	170,566,999	15,881,274	0
General Plant	301,517,713	344,247,111	42,729,398	341,373,023	39,855,310	(2,874,088)
Total Depreciable	20,847,967	16,623,426	(4,224,541)	16,623,426	(4,224,541)	0
	942,957,682	994,927,710	51,970,028	913,913,343	(29,044,339)	(81,014,367)

2

3 **X. Dismantlement Cost Study Double Recovery of Dismantlement Costs of Solar Farms On**
 4 **Leased Property**

5 **Q. Does DEF have Asset Retirement Obligations (ARO) for some Solar production**
 6 **farms?**

7 A. Yes. DEF has AROs for certain DEF Solar production farms which are located on leased
 8 property.⁴² Twin Rivers Solar is one example of a DEF Solar production facility which is
 9 located on leased property and for which DEF has an ARO for the asset retirement
 10 obligation.⁴³

⁴² As listed by DEF in response to OPC’s Tenth Set of Interrogatories, No. 261. (A public response). Also see DEF Schedule B-24, which shows “leasing arrangement” for “land” of these solar production facilities.

⁴³ DEF in response to OPC’s Tenth Set of Interrogatories, No. 261. (A public response). Also see DEF Schedule B-24.

1 **Q. What are the ARO obligations for these DEF Solar production facilities which are**
2 **located on leased property?**

3 A. DEF stated:

4 Costs are recorded as ARO because it qualifies as a legal obligation
5 associated with **the retirement of** a tangible long lived asset⁴⁴ (Emphasis
6 added).

7 In addition, DEF’s public response states the lease agreement for Twin Rivers solar
8 includes a section “Lessee’s Obligation to Restore the Property.”⁴⁵

9 These ARO’s are for DEF’s “Obligation to Restore the Property” upon “the retirement of”
10 these solar farms.

11

12 **Q. How will DEF recover from ratepayers the ARO cost “associated with the retirement**
13 **of a tangible long lived asset” of these Solar production farms?**

14 A. When asked how these solar ARO costs are recovered in the revenue requirement, DEF
15 responded:

16 Accretion and depreciation are deferred for recovery in a future rate case.⁴⁶

⁴⁴ DEF response to OPC’s Tenth Set of Interrogatories, No. 262, part (d) under “Other Production Plant.” (A public response).

⁴⁵ DEF response to OPC’s Tenth Set of Interrogatories, No. 263, part (d).

⁴⁶ DEF response to OPC’s Tenth Set of Interrogatories, No. 261 parts (e) and (b) under “Other” [production facilities]. (A public response). The ARO costs are referred to as “Accretion and Depreciation.”

1 **Q. Are the dismantlement costs of the same DEF solar farms on leased land also included**
2 **for recovery from ratepayers in Mr. Kopp’s Dismantlement Cost Study in this**
3 **proceeding?**

4 A. Yes. On page 155 of Exhibit JTK-2, Mr. Kopp shows the Solar Decommissioning Cost
5 Summary for Twin River Solar. These Twin River Solar decommissioning cost are flowed
6 through his calculations and are included in the dismantlement costs DEF would recover
7 from the ratepayers in this proceeding.

8

9 **Q. What is the problem?**

10 A. Recovering the Twin River Solar dismantlement costs from ratepayers through Mr. Kopp’s
11 dismantlement study and also recovering the “Lessee’s Obligation to Restore the Property”
12 of Twin River Solar through the ARO process, is a proposed double recovery of the same
13 future activity. This is also true for the many other DEF solar farms which are on leased
14 property.

15

16 **Q. Have you corrected this proposed double recovery?**

17 A. Yes. For the solar production farms which have ARO's, I excluded their future
18 dismantlement costs from my corrected Dismantlement Cost study. I am not objecting to

1 these ARO dismantlement/retirement cost obligation being recovered from ratepayers
2 through the ARO process.⁴⁷

3

4 **Q. Are actual land leases for some of the DEF solar farms available in the confidential**
5 **files?**

6 A. Yes. Although I have had no need to refer to them in the prior discussion, DEF states the
7 actual leases are available in the Confidential files for three of the DEF solar plants that are
8 on leased land. Regarding three of these solar farms, DEF was asked:

9 Cite to each page and specific provision of the Lease Agreement which
10 contains the lease term which stipulates what removal of facilities is
11 required at the end of the lease.

12 DEF's (public) response is:

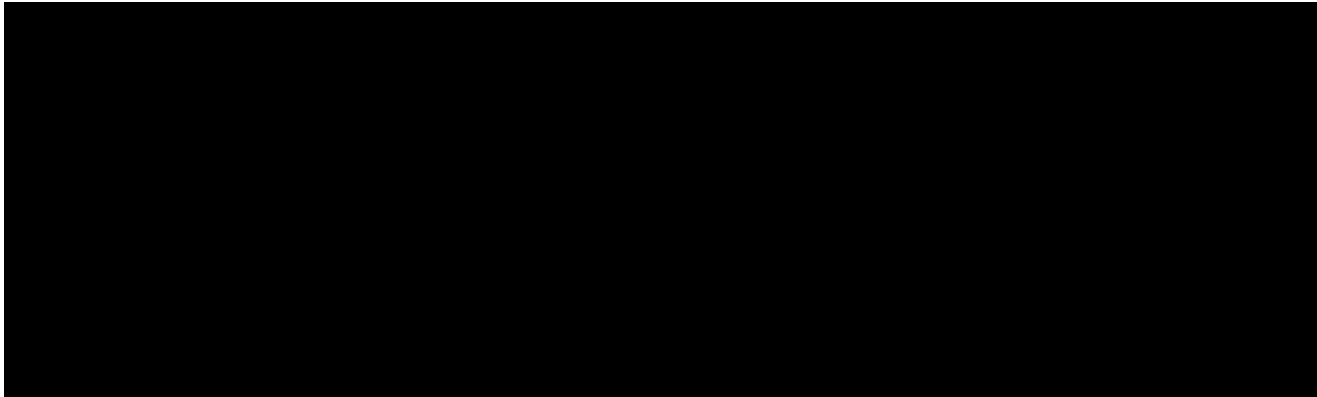
13 Charlie Creek: See page 7 of the contract file, paragraph 9 (b) "Surrender
14 of Land."

15 Twin Rivers: See page 9 of the contract file, paragraph 6.4 "Lessee's
16 Obligation to Restore the Property."

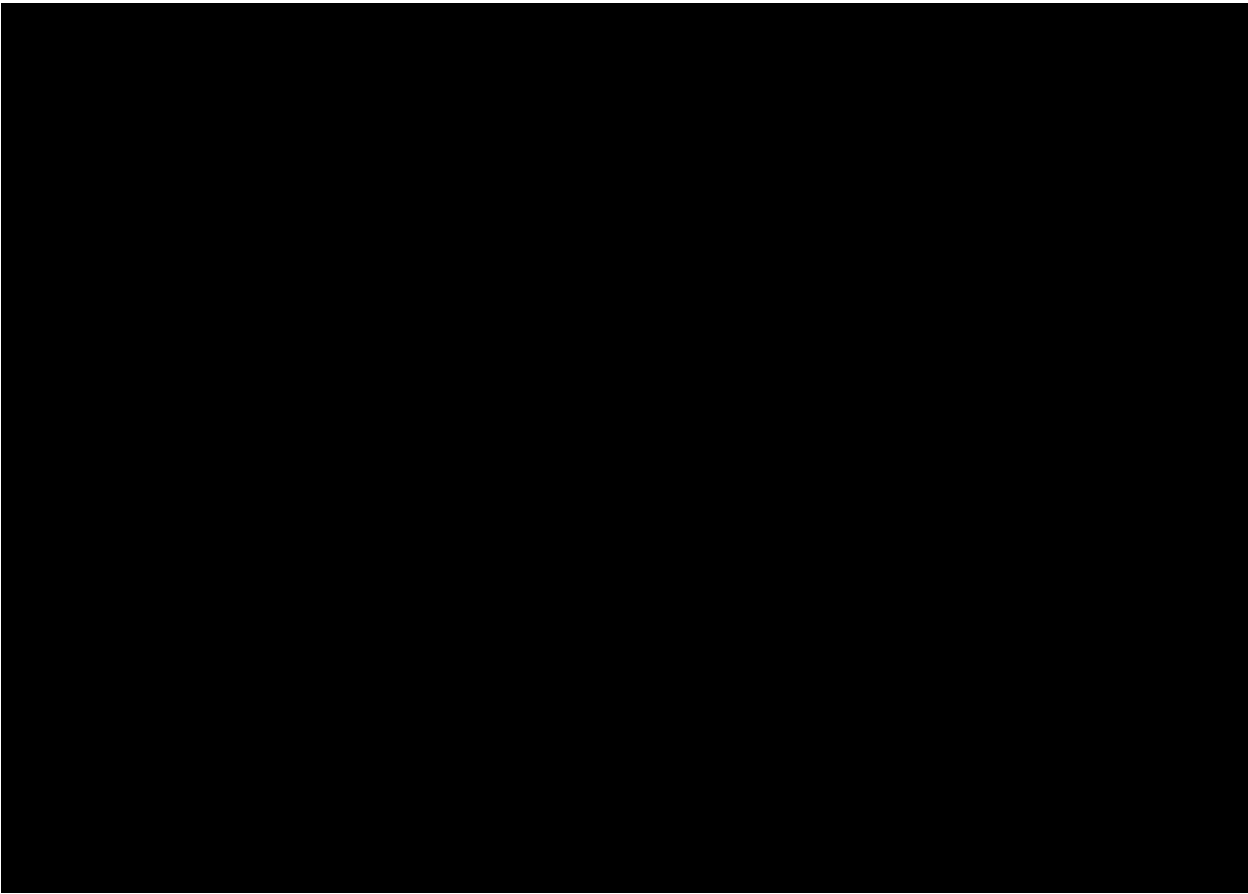
17 Sandy Creek: See page 9 of the contract file, paragraph 8.10 "Removal of
18 Improvements."⁴⁸

19 ***** BEGIN CONFIDENTIAL PER DEF DESIGNATION *****

20
21
22
23
24



1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21



*** END CONFIDENTIAL PER DEF DESIGNATION ***

XI. Neither Mr. Kopp Nor 1898 & Co Have Ever Participated In an Actual Dismantlement

Q. What did DEF provide pertaining to the future dismantlement of production facilities?

A. DEF filed the 2023 Dismantlement Cost Study, prepared by Mr. Kopp of a firm named “1898 & Co.” DEF recommends that significant charges to the ratepayers be based on the Dismantlement Cost estimates prepared by Mr. Kopp of “1898 & Co.”



1 **Q. Has Mr. Kopp ever participated in the actual dismantlement of a utility production**
2 **facility?**

3 A. No. In response to discovery, DEF answered:

4 Jeffrey Kopp has not participated in projects during the physical
5 dismantlement of a utility owned production unit.⁵⁰

6
7 **Q. Has 1898 & Co. ever participated in the actual dismantlement of a utility production**
8 **facility?**

9 A. No. In response to discovery, DEF answered:

10 1898 & Co. has not participated in projects during the actual physical
11 dismantlement of a utility-owned production unit.⁵¹

12
13 **Q. In the future, when DEF actually physically has these production units dismantled,**
14 **will the actual demolition contractor have to follow the assumptions Mr. Kopp**
15 **created in his Dismantlement Cost Study?**

16 A. No. Mr. Kopp's exhibit states:

17 A summary of several of the means and methods **that could be employed**
18 is summarized in the following paragraphs; **however, means and methods**
19 **will not be dictated to the contractor by 1898 & Co. It will be the**
20 **contractor's responsibility to determine means and methods** that result
21 in safely dismantling the Plants at the lowest possible cost.⁵² (Emphasis
22 added).

⁵⁰ DEF response to OPC's Tenth Set of Interrogatories, No. 245. This response is included in Exhibit WWD-8.

⁵¹ DEF response to OPC's Tenth Set of Interrogatories, No. 246. This response is included in Exhibit WWD-8.

⁵² Page 100 of Exhibit No. JTK-2.

1 The purpose of Mr. Kopp’s Dismantlement Cost Study is **not** to create a plan that the later
2 actual physical dismantlement would follow. In the future it “will be the contractor’s
3 responsibility” to do that.

4 The purpose of the Dismantlement Cost Study is to prepare numbers to be used to collect
5 money from ratepayers.

6

7 **XII. Experience Shows That DEF Has Been Consistently Over Recovering For**
8 **Dismantlement**

9 **Q. Is there a good way to evaluate the reasonableness of Mr. Kopp’s dismantlement cost**
10 **estimates?**

11 A. Yes. Mr. Kopp has been preparing and testifying on Dismantlement Cost estimates for DEF
12 for many years, starting with Docket No 20090079-EI.⁵³ Some of the DEF production units
13 for which in the past he prepared Dismantlement Cost estimates, have since **actually** been
14 physically completely dismantled. The DEF books show the actual costs of the later actual
15 physical dismantlement. These facts show that Mr. Kopp’s Dismantlement Cost estimates
16 overestimated what the actual physical dismantlement later cost. As a result DEF over
17 collected from ratepayers for dismantlement costs.

⁵³ Page 4, lines 14-15, direct testimony of Mr. Kopp.

1 **Q. Can you demonstrate that DEF over collected from ratepayers for dismantlement**
2 **costs on the production units which have been actually physically dismantled?**

3 A. Yes. Page 74 of Mr. Kopps's Exhibit No. JTK-2 shows that DEF over collected from
4 ratepayers for dismantlement costs on the production units which have been actually
5 physically dismantled. For convenient reference, I have attached a copy of that page to this
6 testimony as Exhibit WWD-9.

7

8 **Q. What does this show?**

9 A. This shows five DEF production facilities which have now been actually physically
10 dismantled. For each of these facilities their dismantlement is complete, as is shown by the
11 fact that the column which is entitled "Future To Dismantle" has zero ("-") in it.

12 This document reveals that after the actual physical dismantlement, the DEF
13 dismantlement depreciation reserve for these facilities contained a total "**Surplus**" of over
14 seven million dollars. Of course, the money in the DEF dismantlement depreciation reserve
15 is the money that had been collected from ratepayers for the purpose of dismantling these
16 five DEF production facilities. The fact there is a **Surplus** means that DEF over collected
17 from ratepayer for the dismantlement of these facilities.

1 **Q. Does the similar page from the prior DEF Dismantlement Study also show DEF over**
2 **collected for dismantlement?**

3 A. Yes. The similar page from the prior DEF Dismantlement Study shows that there was a
4 total “**Surplus**” in excess of \$25 million for the DEF production facilities which had been
5 actually physically dismantled, as shown in that DEF Dismantlement Study. DEF is
6 continually over collecting from ratepayers for future dismantlement.

7

8 **Q. What is Exhibit WWD-10?**

9 A. Exhibit WWD-10 contains pages from the prior 2020 DEF Dismantlement Study, which is
10 Exhibit 6 in the Commission Order No. PSC-2021-0202A-AS-EI in the prior DEF case.⁵⁴
11 The last page of this Exhibit shows there was a total “**Surplus**” in excess of \$25 million in
12 the dismantlement depreciation reserve of the production facilities which had been actually
13 physically dismantled. DEF is continually over collecting from ratepayers for future
14 production plant dismantlement.

15 Mr. Kopp has been testifying for DEF on the DEF dismantlement studies since Docket No
16 20090079-EI.⁵⁵

⁵⁴ In Docket Nos. 20190110-EI, Docket Nos. 20190110-EI, and 20210016-EI.

⁵⁵ Page 4, lines 14-15, direct testimony of Jeffery T. Kopp.

1 **Q. What do these facts mean?**

2 A. Obviously, we can no longer just accept Mr. Kopp's estimates as a valid cost to be
3 recovered from ratepayers. Known facts prove DEF is continually over collecting from
4 ratepayers for future production plant dismantlement. There is a saying which is "fool me
5 once, shame on you. Fool me twice, shame on me."

6

7 **Q. What do you recommend in response to the fact that Mr. Kopp's Dismantlement Cost
8 Estimates are clearly excessive?**

9 A. It is clear that substantial adjustments need to be made. There is no valid way to evaluate
10 many parts of his estimates. For example, it would be impractical to go through each item
11 in a project and discuss the number of person-hours Mr. Kopp says it will take to dismantle
12 that item. For purposes of this case, I have made this obviously needed adjustment by
13 including no contingency and no claimed stranded inventory. Both of these areas are highly
14 speculative, as will be discussed.

15 These two adjustments are steps in the correct direction of reducing his provably excessive
16 dismantlement cost estimates.

17

18 **XIII. Claimed Contingency Cost**

19 **Q. Mr. Kopp adds a 20% "Contingency Cost" to the costs he has otherwise estimated.
20 What does he say this Contingency Cost is for?**

21 A. Mr. Kopp states:

1 “A 20 percent contingency is included on the direct costs in the estimates
2 prepared as part of this Study to cover unknowns.”⁵⁶

3

4 **Q. Under the DEF proposal, would these unknown costs be recovered from the**
5 **ratepayers?**

6 A. Yes. Under the DEF proposal, these “unknowns” are to be recovered from the ratepayers.

7

8 **Q. What is one obvious problem with this DEF proposal?**

9 A. Ratepayers’ rates are expected to be cost-based. Charging ratepayers for “unknowns” is
10 not setting valid cost-based rates. Imagine what DEF would say if an intervenor proposed
11 **reducing** rates based on “unknowns.”⁵⁷ Likewise DEF should not be allowed to increase
12 rates charged to ratepayers based on “unknowns.”

13

14 **Q. Do the charges to ratepayers treat these contingency costs as if they might or might**
15 **not occur?**

16 A. No. Ratepayers are charged these contingency costs in a way that effectively assumes they
17 are 100% certain to occur. That is speculation and is unsupported.

⁵⁶ Page 104, Exhibit No. JTK-2.

⁵⁷ I am **not** proposing reducing rates based on “unknowns.”

1 **Q. Does DEF's Power Generation organization include contingency costs in its projects?**

2 A. No. In response to discovery, DEF said:

3 Generation: DEF's Power Generation Organization **does not include**
4 **contingency costs** when developing cost estimates for capital projects. If
5 the actual costs exceed the budgeted amount, the project manager will
6 initiate an Extra Work Authorization ("EWA") in order to update the
7 expected cost of the capital project.⁵⁸ (Emphasis added).

8 This response pertains to generation facilities, which is the same category of facilities the
9 dismantlement studies are addressing.

10

11 **Q. Please summarize this issue.**

12 A. 1. We have demonstrated that DEF is continuously over collecting from ratepayers for
13 dismantlement costs. Adjustments are needed.

14 2. Proper cost-based rates cannot be based on "unknowns."

15 3. Regarding production facilities, DEF's Power Generation Organization does not include
16 contingency costs when developing cost estimates for capital projects.

17 For these reasons, I have not included claimed contingency costs in the dismantlement cost
18 estimates.

⁵⁸ DEF response to OPC's Tenth Set of Interrogatories, No. 267.

XIV. Inventory Costs

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21

Q. What is another amount Mr. Kopp adds into the claimed dismantlement cost estimates?

A. Mr. Kopp includes claimed Plant Inventory costs.

Q. What are the Plant Inventory costs he includes?

A. Mr. Kopp states:

Site inventory values have been provided by DEF and are included in the study as a plant cost. 1898 & Co. assumes 25 percent of the plant inventory value for combustion turbine facilities will be recovered as a scrap credit and 10 percent of the inventory for the other facilities.⁵⁹

Q. What is a major reason you are excluding plant inventory from the dismantlement costs?

A. We have demonstrated that DEF is continuously over collecting from ratepayers for dismantlement costs. Adjustments are needed.

Q. Is including the Plant Inventory in the claimed DEF Dismantlement cost relatively new?

A. Yes. A DEF discovery response says:

“DEF first included inventories in the current Dismantlement Study.”⁶⁰

⁵⁹ Page 103, Exhibit No. JTK-2.
⁶⁰ DEF response to OPC’s Tenth Set of Interrogatories, No. 252.

1 The prior DEF Dismantlement Study (in the 2021 case) included something they called
2 “Plant End of Life Inventory Cost.”⁶¹ What Mr. Kopp includes in the current study is the
3 current inventory, which later in the calculations gets increased for future inflation.

4

5 **Q. Is it certain that a utility will maintain the normal level of inventory for a production**
6 **plant as the planned final retirement date for that plant approaches?**

7 A. No. That is not certain. In fact, Mr. Kopp’s exhibit says it is assumed:

8 DEF will remove or consume all burnable coal, fuel oil and chemicals to
9 the reasonable extent possible prior to commencement of demolition
10 activities.⁶²

11

12 **Q. What else does the plant inventory treatment Mr. Kopp includes in the current case**
13 **assume?**

14 A. It assumes that the inventory will have little value. For all units in his study with listed
15 inventory, the overall average salvage value is only 14% of the inventory cost.⁶³ The
16 amount of stranded inventory cost is highly speculative.

⁶¹Order No. PSC-2021-0202A-AS-EI, page 150 (Docket No. 201990110-EI, Docket Nos. 20190110-EI, and 20210016-EI).

⁶²Page 101, Exhibit No. JTK-2.

⁶³Sum of the “Inventory Credit” amounts on pages 89-91 of Exhibit JTK-2, which is \$12,173,000, divided by the sum of the Inventory Costs, which is \$86,915,000 = 14%.

1 **Q. Please summarize this issue.**

2 A. 1. We have demonstrated that DEF is continuously over collecting from ratepayers for
3 dismantlement costs. Adjustments are needed.

4 2. Proper cost-based rates cannot be based on speculative assumptions that DEF will
5 maintain a normal inventory even as the plant approaches final retirement and that the
6 inventory will have almost no value.

7 For these reasons, I have not included in my dismantlement cost estimates the speculative
8 assumption that there will be large stranded inventory costs.

9

10 **XV. The Assumed Hines Cooling Pond Dismantlement.**

11 **Q. What production unit has the highest claimed net dismantlement cost in Mr. Kopp's**
12 **dismantlement estimates?**

13 A. Hines Unit 4 has by far the highest claimed dismantlement cost. It has a claimed retail
14 annual cost of \$6,564,409. This is almost twice the claimed dismantlement cost for the
15 second highest unit.⁶⁴ This one unit is approximately 20% of the total \$33,977,969 annual
16 retail cost shown for all units.⁶⁵

⁶⁴ The second highest unit shows a cost of \$3,674,259. Exhibit No. JTK-2, page 7, Retail column.

⁶⁵ Exhibit No. JTK-2, page 7, Retail column.

1 **Q. In this case, is the claimed dismantlement cost for Hines Unit 4 drastically higher than**
2 **it was in the prior case?**

3 A. Yes. Page 78 of Mr. Kopp's Exhibit JTK-2 shows that in 2022 dollars the dismantlement
4 cost of Hines Unit 4, including common, was \$18,511,599. But in this case in 2025 dollars
5 it is \$109,863,967, which is six times as much as it was in the prior case.

6

7 **Q. What is the major reason the claimed dismantlement cost has increased so much**
8 **between the last case and this case?**

9 A. The major reason is, unlike the prior study, in this case Mr. Kopp has added the assumption
10 that the Hines Cooling Pond will be dismantled in 2047,⁶⁶ and there will be over
11 \$76,000,000 in dismantlement costs (in today's dollars) for dismantling the cooling pond.⁶⁷

12

13 **Q. Is it certain that DEF will have no need for a cooling facility at the Hines generating**
14 **station after Unit 4 retires in 2047?**

15 A. No. A cooling facility is required for any new production unit that uses steam. Any
16 combined cycle production unit, including a hydrogen fired unit, will require a cooling
17 facility. Small, next-generation nuclear units are in development, and such a unit requires

⁶⁶ Exhibit No. JTK-2, page 22.

⁶⁷ Page 136 of Exhibit No. JTK-2, Pond Closure \$60,952,000 + 20% Contingency [\$12,190,400] + 5% Indirect [\$3,047,600] = \$76,190,000.

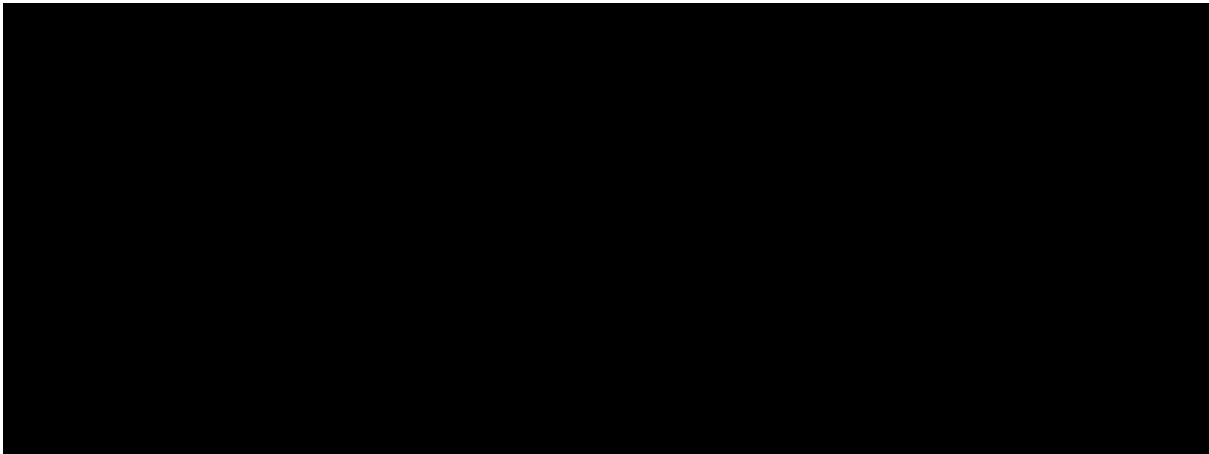
1 a cooling facility. The assumption that no cooling facility will be needed any time after
2 2047 is just an assumption, and a very costly assumption.

3

4 **Q. How much are the annual costs to maintain and repair the Hines Cooling Pond?**

5 A. The DEF response to discovery shows that the annual costs to maintain and repair the Hines
6 Cooling Pond.⁶⁸

7 *** BEGIN CONFIDENTIAL PER DEF DESIGNATION ***



8

9

10

11

12

13

14 *** END CONFIDENTIAL PER DEF DESIGNATION ***

15 The assumption used in the prior (2020) DEF dismantlement study, which is that DEF will
16 **not** dismantle the cooling pond when Hines Unit 4 retires,⁶⁹ should continue to be used.

⁶⁸ DEF response to OPC’s Tenth Set of Interrogatories, No. 257.

⁶⁹ See page 162 (also called Exhibit 6, page 117 of 142) of Order No. PSC-2021-0202A-AS-EI, (Docket Nos. 201990110-EI, 20190110-EI, and 20210016-EI).

1 **XVI. Anclote Retirement Date in Dismantlement**

2 **Q. As discussed elsewhere in this testimony, DEF has agreed that 2042 is an appropriate**
3 **expected retirement date for the Anclote production units.⁷⁰ Have you adjusted the**
4 **dismantlement costs for that revised estimated retirement date?**

5 A. Yes. I used 2042 as the expected retirement date in my dismantlement calculations.

6

7 **XVII. Conclusion on Dismantlement Cost Estimates.**

8 **Q. What dismantlement cost estimates do you recommend?**

9 A. For the reasons discussed above, I recommend the dismantlement cost estimates shown on
10 Exhibit WWD-11. The total Retail Annual Accrual for Dismantlement is \$9,792,545.⁷¹

11

12 **XVIII. Approximately Half of Families Have A Cost Of Money Over 20% A Year**

13 **Q. Is setting depreciation rates or dismantlement costs higher than appropriate, a valid**
14 **low-cost way to collect money, which DEF can use for other purposes, such as funding**
15 **construction projects?**

16 A. No. Collecting extra money from the ratepayers is not low-cost for the ratepayers. We can
17 prove that the incremental cost of money is over 20% for almost half of all families.

⁷⁰ DEF response to OPC's Sixth Set of Interrogatories, No. 139.

⁷¹ It should be noted these numbers are the "net" dismantlement cost that is in excess of the many millions of dollars of salvage.

1 The Federal Reserve Bulletin shows that 45.4 percent of families carry a credit card
2 balance.⁷² According to the Federal Reserve, the average interest charged on credit card
3 balances is 20.40 percent.⁷³ Every extra dollar that is taken from these families because of
4 depreciation rates being higher than they should be, is one less dollar they could have used
5 to pay down their credit card balance, which is costing them over 20 percent per year in
6 interest.

7 Stated another way, for almost one-half of all families, their marginal cost of money is over
8 20 percent per year.

9

10

XIX. Recommendation

11 **Q. What depreciation rates do you recommend?**

12 A. For the reasons stated in this testimony, I recommend the depreciation rates in the OPC
13 columns of Exhibit WWD-7.

14

15 **Q. What dismantlement cost estimates do you recommend?**

16 A. For the reasons discussed above, I recommend the dismantlement cost estimates shown on
17 Exhibit WWD-11. The total Retail Annual Accrual for Dismantlement is \$9,792,545.⁷⁴

⁷² *Changes in U.S. Family Finances from 2016 to 2019: Evidence from the Survey of Consumer Finances*, Federal Reserve Bulletin Vol. 3, No. 3 (Sept. 2017) at page 23. This is attached as Exhibit WWD-12.

⁷³ January 2023 *Federal Reserve Statistical Release* (showing data from November 2022). Credit Cards, Accounts Assessed Interest. This attached as Exhibit WWD-13.

⁷⁴ It should be noted these numbers are the “net” dismantlement cost that is in excess of the many millions of dollars of salvage.

1 **Q. Does this complete your prefiled direct testimony?**

2 A. Yes, at this time. However, the compressed procedural schedule in this proceeding for
3 filing Intervenor testimony has limited the time to complete OPC's investigation into the
4 issues and effects of those issues on the Company's petition. Consequently, it is my
5 understanding that OPC reserves the right to file supplemental testimony to fully address
6 these issues and effects of those issues, if necessary.

William Dunkel, Consultant
8625 Farmington Cemetery Road
Pleasant Plains, Illinois 62677

Qualifications

William Dunkel is a consultant in utility regulatory proceedings. He has participated in over 300 state regulatory proceedings as listed on the attached Relevant Work Experience. Mr. Dunkel is a member of the Society of Depreciation Professionals.

Mr. Dunkel has provided expert depreciation testimony and other services to state agencies throughout the country in numerous state regulatory proceedings.

Mr. Dunkel made a presentation pertaining to “The Largest Depreciation Issue that is Generally in Dispute in State Utility Depreciation Studies: Net Salvage” at the Society of Depreciation Professionals Conference held in September 2018 in Indianapolis, IN.

Mr. Dunkel made a presentation pertaining to Current Depreciation Issues in State Rate Case Proceedings at the Society of Depreciation Professionals 25th Annual Meeting held September 2011 in Atlanta, GA.

Mr. Dunkel made a presentation pertaining to Video Dial Tone at the NASUCA 1993 Mid-Year Meeting held in St. Louis.

Mr. Dunkel made a presentation to the NARUC Subcommittee on Economics and Finance at the NARUC Summer Meetings held in July 1992. That presentation was entitled “The Reason the Industry Wants to Eliminate Cost Based Regulation--Telecommunications is a Declining Cost Industry.”

Mr. Dunkel has testified before the Illinois House of Representatives Subcommittee on Communications, as well as participated in numerous other schools and conferences pertaining to the utility industry.

Mr. Dunkel provides services almost exclusively to public agencies, including the Public Utilities Commission, the Public Counsel, Office of Attorney General, or the State Department of Administration in various states.

William Dunkel currently provides, or in the past has provided, services in state utility regulatory proceedings to the following clients:

The Public Utility Commission or the Staffs in the States of:

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

- | | |
|----------------------|---------------------|
| Arkansas | Maryland |
| Arizona | Mississippi |
| Delaware | Missouri |
| District of Columbia | New Mexico |
| Georgia | North Carolina |
| Guam | Utah |
| Illinois | Virginia |
| Kansas | Washington |
| Maine | U.S. Virgin Islands |

The Office of the Public Advocate, or its equivalent, in the States of:

- | | |
|----------------------|---------------|
| Alaska | Maryland |
| California | Massachusetts |
| Colorado | Michigan |
| Connecticut | Missouri |
| District of Columbia | Nebraska |
| Florida | New Jersey |
| Georgia | New Mexico |
| Hawaii | Ohio |
| Illinois | Oklahoma |
| Indiana | Pennsylvania |
| Iowa | Utah |
| Maine | Washington |

The Department of Administration in the States of:

- | | |
|-----------|--------------|
| Illinois | South Dakota |
| Minnesota | Wisconsin |

Mr. Dunkel graduated from the University of Illinois in February 1970 with a Bachelor of Science Degree in Engineering Physics, with emphasis on economics and other business-related subjects. He has taken several post-graduate courses since graduation.

Mr. Dunkel has taken the AT&T separations school which is normally provided to AT&T personnel.

Mr. Dunkel has taken the General Telephone separations school which is normally provided for training of the General Telephone Company personnel in separations.

Mr. Dunkel has completed an advanced depreciation program entitled "Forecasting Life and Salvage" offered by Depreciation Programs, Inc.

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

From 1970 to 1974, Mr. Dunkel was a design engineer for Sangamo Electric Company (Sangamo was later purchased by Schlumberger) designing electric watt-hour meters used in the electric utility industry. He was granted patent No. 3822400 for a solid state meter pulse initiator which was used in metering.

In April 1974, Mr. Dunkel was employed by the Illinois Commerce Commission in the Electric Section as a Utility Engineer. In November of 1975, he transferred to the Telephone Section of the Illinois Commerce Commission and from that time until July, 1980, he participated in essentially all telephone rate cases and other telephone rate matters that were set for hearing in the State of Illinois. During that period, he testified as an expert witness in numerous rate design cases and tariff filings in the areas of rate design, cost studies and separations. During the period 1975-1980, he was the Separations and Settlements expert for the Staff of the Illinois Commerce Commission.

From July 1977 until July 1980, Mr. Dunkel was a Staff member of the FCC-State Joint Board on Separations, concerning the "Impact of Customer Provision of Terminal Equipment on Jurisdictional Separations" in FCC Docket No. 20981 on behalf of the Illinois Commerce Commission. The FCC-State Joint Board is the national board that specifies the rules for separations in the telephone industry.

Since July 1980, Mr. Dunkel has been regularly employed as an independent consultant in state utility regulatory proceedings across the nation.

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

ARKANSAS

- Southwestern Bell Telephone Company Docket No. 83-045-U

CALIFORNIA

- (on behalf of The Utility Reform Network (TURN))
- Southern California Edison Company Docket No. 16-09-001
- (on behalf of the Office of Ratepayer Advocates (ORA))
- Kerman Telephone General Rate Case A.02-01-004
- (on behalf of the California Cable Television Association)
- General Telephone of California I.87-11-033
- Pacific Bell
 - Fiber Beyond the Feeder Pre-Approval Requirement

COLORADO

- Mountain Bell Telephone Company
 - General Rate Case Docket No. 96A-218T et al.
 - Call Trace Case Docket No. 92S-040T
 - Caller ID Case Docket No. 91A-462T
 - General Rate Case Docket No. 90S-544T
 - Local Calling Area Case Docket No. 1766
 - General Rate Case Docket No. 1720
 - General Rate Case Docket No. 1700
 - General Rate Case Docket No. 1655
 - General Rate Case Docket No. 1575
 - Measured Services Case Docket No. 1620
- Independent Telephone Companies
 - Cost Allocation Methods Case Docket No. 89R-608T

CONNECTICUT

- Connecticut Yankee Gas Company
 - Depreciation Study Docket No. 18-05-10
- Connecticut Natural Gas Corporation
 - Depreciation Study Docket No. 23-11-02
 - Depreciation Study Docket No. 18-05-16
- Southern Connecticut Gas Company
 - Depreciation Study Docket No. 23-11-02
 - General Rate Case Docket No. 17-05-42
- Connecticut Light & Power
 - Depreciation Study Docket No. 17-10-46
- United Illuminating Company
 - General Rate Case Docket No. 22-08-08

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

- General Rate Case Docket No. 16-06-04
- Connecticut Water Company Depreciation Study Docket No. 23-08-32

DELAWARE

- Diamond State Telephone Company
 - General Rate Case PSC Docket No. 82-32
 - General Rate Case PSC Docket No. 84-33
 - Report on Small Centrex PSC Docket No. 85-32T
 - General Rate Case PSC Docket No. 86-20
 - Centrex Cost Proceeding PSC Docket No. 86-34

DISTRICT OF COLUMBIA

- Washington Gas Light Company Depreciation issues Formal Case No. 1091 & 1093
- Potomac Electric Power Company
 - Depreciation issues Formal Case No. 1076
 - Depreciation issues Formal Case No. 1053
- C&P Telephone Company of D.C. Depreciation issues Formal Case No. 926

FCC

- Review of jurisdictional separations FCC Docket No. 96-45
- Developing a Unified Intercarrier Compensation Regime CC Docket No. 01-92

FLORIDA

- Duke Energy Florida, LLC Depreciation issues Docket No. 20240025-EI
- BellSouth, GTE, and Sprint Fair and reasonable rates Undocketed Special Project

GEORGIA

- Atlanta Gas Light Company
 - General Rate Proceeding Docket No. 42315
 - General Rate Proceeding Docket No. 31647
- Georgia Power Company General Rate Proceeding Docket No. 42516
- Southern Bell Telephone & Telegraph Co.
 - General Rate Proceeding Docket No. 3231-U
 - General Rate Proceeding Docket No. 3465-U
 - General Rate Proceeding Docket No. 3286-U
 - General Rate Proceeding Docket No. 3393-U

HAWAII

- Kauai Island Utility Cooperative
General Rate Proceeding Docket No. 2022-0208
- GTE Hawaiian Telephone Company
Depreciation/separations issues Docket No. 94-0298
Resale case Docket No. 7702

ILLINOIS

- Commonwealth Edison Company
General Rate Proceeding Docket No. 80-0546
General Rate Proceeding Docket No. 82-0026
Section 50 Docket No. 59008
Section 55 Docket No. 59064
Section 50 Docket No. 59314
Section 55 Docket No. 59704
- Central Illinois Public Service
Section 55 Docket No. 58953
Section 55 Docket No. 58999
Section 55 Docket No. 59000
Exchange of Facilities (Illinois Power) Docket No. 59497
General Rate Increase Docket No. 59784
Section 55 Docket No. 59677
- South Beloit
General Rate Case Docket No. 59078
- Illinois Power
Section 55 Docket No. 59281
Interconnection Docket No. 59435
- Verizon North Inc. and Verizon South Inc.
DSL Waiver Petition Proceeding Docket No. 02-0560
- Geneseo Telephone Company
EAS case Docket No. 99-0412
- Central Telephone Company
(Staunton merger) Docket No. 78-0595
- General Telephone & Electronics Co.
Usage sensitive service case Docket Nos. 98-0200/98-0537
General rate case (on behalf of CUB) Docket No. 93-0301
(Usage sensitive rates) Docket No. 79-0141
(Data Service) Docket No. 79-0310
(Certificate) Docket No. 79-0499
(Certificate) Docket No. 79-0500
- General Telephone Co.
SBC Docket No. 80-0389

Imputation Requirement	Docket No. 04-0461
Implement UNE Law	Docket No. 03-0323
UNE Rate Case	Docket No. 02-0864
Alternative Regulation Review	Docket No. 98-0252
- Ameritech (Illinois Bell Telephone Company)	
Area code split case	Docket No. 94-0315
General Rate Case (Centrex filing)	Docket No. 83-0005
General Rate Proceeding (Call Lamp Indicator)	Docket No. 84-0111
(Com Key 1434)	Docket No. 81-0478
(Card dialers)	Docket No. 77-0755
(Concentration Identifier)	Docket No. 77-0756
(Voice of the People)	Docket No. 77-0757
(General rate increase)	Docket No. 78-0005
(Dimension)	Docket No. 78-0028
(Customer controlled Centrex)	Docket No. 78-0034
(TAS)	Docket No. 78-0086
(Ill. Consolidated Lease)	Docket No. 78-0243
(EAS Inquiry)	Docket No. 78-0031
(Dispute with GTE)	Docket No. 78-0473
(WUI vs. Continental Tel.)	Docket No. 78-0531
(Carle Clinic)	Docket No. 78-0576
(Private line rates)	Docket No. 79-0041
(Toll data)	Docket No. 79-0132
(Dataphone)	Docket No. 79-0143
(Com Key 718)	Docket No. 79-0234
(Complaint - switchboard)	Docket No. 79-0237
(Porta printer)	Docket No. 79-0365
(General rate case)	Docket No. 79-0380
(Certificate)	Docket No. 79-0381
(General rate case)	Docket No. 79-0438
(Other minor proceedings)	Docket No. 79-0501
- Home Telephone Company	Docket No. 80-0010
- Northwestern Telephone Company	Docket No. various
Local and EAS rates	Docket No. 80-0220
EAS	Docket No. 79-0142
	Docket No. 79-0519

INDIANA

- Indiana-American Water Company	
Depreciation issues	Cause No. 44992
- Indiana Michigan Power Company (I&M)	
Depreciation issues	Cause No. 44075

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

- Depreciation issues Cause No. 42959
- Public Service of Indiana (PSI) Depreciation issues Cause No. 39584
- Indianapolis Power and Light Company Depreciation issues Cause No. 39938

IOWA

- U S West Communications, Inc.
 - Local Exchange Competition Docket No. RMU-95-5
 - Local Network Interconnection Docket No. RPU-95-10
 - General Rate Case Docket No. RPU-95-11

KANSAS

- Black Hills/Kansas Gas Utility Company
 - General rate proceeding Docket No. 14-BHCG-502-RTS
- Kansas Gas Services
 - General rate proceeding Docket No. 12-KGSG-838-RTS
- Westar Energy, Inc.
 - General rate proceeding Docket No. 18-WSEE-328-RTS
 - General rate proceeding Docket No. 12-WSEE-112-RTS
 - General rate proceeding Docket No. 08-WSEE-1041-RTS
- Midwest Energy, Inc.
 - General rate proceeding Docket No. 11-MDWE-609-RTS
 - General rate proceeding Docket No. 08-MDWE-594-RTS
- Generic Depreciation Proceeding Docket No. 08-GIMX-1142-GIV
- Kansas City Power & Light Company
 - General rate proceeding Docket No. 15-KCPE-116-RTS
 - General rate proceeding Docket No. 12-KCPE-764-RTS
 - General rate proceeding Docket No. 10-KCPE-415-RTS
- Atmos Energy Corporation
 - General rate proceeding Docket No. 12-ATMG-564-RTS
 - General rate proceeding Docket No. 08-ATMG-280-RTS
- Sunflower Electric Power Corporation
 - Depreciation rate study Docket No. 08-SEPE-257-DRS
- Southwestern Bell Telephone Company
 - Commission Investigation of the KUSF Docket No. 98-SWBT-677-GIT
- Rural Telephone Service Company
 - Audit and General rate proceeding Docket No. 00-RRLT-083-AUD
 - Request for supplemental KUSF Docket No. 00-RRLT-518-KSF
- Southern Kansas Telephone Company
 - Audit and General rate proceeding Docket No. 01-SNKT-544-AUD
- Pioneer Telephone Company
 - Audit and General rate proceeding Docket No. 01-PNRT-929-AUD

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL

- Craw-Kan Telephone Cooperative, Inc.
Audit and General rate proceeding Docket No. 01-CRKT-713-AUD
- Sunflower Telephone Company, Inc.
Audit and General rate proceeding Docket No. 01-SFLT-879-AUD
- Bluestem Telephone Company, Inc.
Audit and General rate proceeding Docket No. 01-BSST-878-AUD
- Home Telephone Company, Inc.
Audit and General rate proceeding Docket No. 02-HOMT-209-AUD
- Wilson Telephone Company, Inc.
Audit and General rate proceeding Docket No. 02-WLST-210-AUD
- S&T Telephone Cooperative Association, Inc.
Audit and General rate proceeding Docket No. 02-S&TT-390-AUD
- Blue Valley Telephone Company, Inc.
Audit and General rate proceeding Docket No. 02-BLVT-377-AUD
- JBN Telephone Company
Audit and General rate proceeding Docket No. 02-JBNT-846-AUD
- S&A Telephone Company
Audit and General rate proceeding Docket No. 03-S&AT-160-AUD
- Wheat State Telephone Company, Inc.
Audit and General rate proceeding Docket No. 03-WHST-503-AUD
- Haviland Telephone Company, Inc.
Audit and General rate proceeding Docket No. 03-HVDT-664-RTS

MAINE

- Versant Power
General rate proceeding Docket No. 2022-255
- Northern Utilities, Inc. (Unitil)
General rate proceeding Docket No. 2017-065
- Emera
General rate proceeding Docket No. 2013-443
- Central Maine Power Company
General rate proceeding Docket No. 2022-152
General rate proceeding Docket No. 2013-168
General rate proceeding Docket No. 2007-215
- New England Telephone Company
General rate proceeding Docket No. 92-130
- Verizon
AFOR investigation Docket No. 2005-155

MARYLAND

- Washington Gas Light Company
Depreciation rate proceeding Case No. 9103
Depreciation Rate Case Case No. 8960

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

- Baltimore Gas and Electric Company
 - Depreciation rate proceeding Case No. 9610
 - Depreciation rate proceeding Case No. 9355
 - Depreciation rate proceeding Case No. 9096
- PEPCO
 - General rate proceeding Case No. 9286
 - General rate proceeding Case No. 9217
 - General rate proceeding Case No. 9092
- Delmarva Power & Light Company
 - General rate proceeding Case No. 9285
- Chesapeake and Potomac Telephone Company
 - General rate proceeding Case No. 7851
 - Cost Allocation Manual Case Case No. 8333
 - Cost Allocation Issues Case Case No. 8462
- Verizon Maryland
 - PICC rate case Case No. 8862
 - USF case Case No. 8745
- Chesapeake Utilities Corporation
 - General rate proceeding Case No. 9062
- Columbia Gas of Maryland
 - General rate proceeding Case No. 9680

MASSACHUSETTS

- Eversource Energy (NSTAR Electric Company and Western Massachusetts Electric Company)
 - Depreciation Issues Case No. D.P.U. 17-005
- National Grid (Massachusetts Electric Company/Nantucket Electric Company)
 - Depreciation Issues Case No. D.P.U. 15-155

MICHIGAN

- Wisconsin Electric Power Company
 - Depreciation Rate Case Case No. U-15981
- SEMCO Energy Gas Company
 - Depreciation Rate Case Case No. U-15778
- Michigan Consolidated Gas Company
 - Depreciation Rate Case Case No. U-15699
- Consumers Energy Company
 - Depreciation Rate Case Case No. U-21176
 - Depreciation Rate Case Case No. U-20849
 - Depreciation Rate Case Case No. U-15629

MINNESOTA

- Access charge (all companies) Docket No. P-321/CI-83-203
- U. S. West Communications, Inc. (Northwestern Bell Telephone Co.)

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

Centrex/Centron proceeding	Docket No. P-421/91-EM-1002
General rate proceeding	Docket No. P-321/M-80-306
Centrex Dockets	MPUC No. P-421/M-83-466
	MPUC No. P-421/M-84-24
	MPUC No. P-421/M-84-25
	MPUC No. P-421/M-84-26
General rate proceeding	MPUC No. P-421/GR-80-911
General rate proceeding	MPUC No. P-421/GR-82-203
General rate case	MPUC No. P-421/GR-83-600
WATS investigation	MPUC No. P-421/CI-84-454
Access charge case	MPUC No. P-421/CI-85-352
Access charge case	MPUC No. P-421/M-86-53
Toll Compensation case	MPUC No. P-999/CI-85-582
Private Line proceeding	Docket No. P-421/M-86-508
- AT&T	
Intrastate Interexchange	Docket No. P-442/M-87-54
 <u>MISSISSIPPI</u>	
- South Central Bell	
General rate filing	Docket No. U-4415
 <u>MISSOURI</u>	
- AmerenUE	
Electric rate proceeding	ER-2010-0036
Electric rate proceeding	ER-2008-0318
- American Water Company	
General rate proceeding	WR-2008-0311
- Empire District Electric Company	
Depreciation rates	ER-2008-0093
- AmerenUE	
Electric rate proceeding	ER-2007-0002
- Southwestern Bell	
General rate proceeding	TR-79-213
General rate proceeding	TR-80-256
General rate proceeding	TR-82-199
General rate proceeding	TR-86-84
General rate proceeding	TC-89-14, et al.
Alternative Regulation	TC-93-224/TO-93-192
- United Telephone Company	
Depreciation proceeding	TR-93-181
- All companies	
Extended Area Service	TO-86-8
EMS investigation	TO-87-131

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

Cost of Access Proceeding TR-2001-65

NEBRASKA

- SourceGas Distribution
Depreciation proceeding NG-0079
- Black Hills Nebraska Gas
General Rate Proceeding NG-0109

NEW JERSEY

- Atlantic City Electric Company
General Rate Proceeding BPU Docket No. ER18080925
- Rockland Electric Company
General Rate Proceeding BPU Docket No. ER16050428
- New Jersey Natural Gas Company
General Rate Proceeding BPU Docket No. GR19030420
General Rate Proceeding BPU Docket No. GR15111304
- South Jersey Gas Company
General Rate Proceeding BPU Docket No. GR13111137
- Atlantic City Electric Company
General Rate Proceeding BPU Docket No. ER12121071
OAL Docket No. PUC00617-2013
- Aqua New Jersey, Inc.
General Rate Proceeding BPU Docket No. WR20010056
- New Jersey Bell Telephone Company
General rate proceeding Docket No. 802-135
General rate proceeding BPU No. 815-458
Phase I - General rate case OAL No. 3073-81
BPU No. 8211-1030
General rate case OAL No. PUC10506-82
BPU No. 848-856
Division of regulated OAL No. PUC06250-84
from competitive services BPU No. TO87050398
Customer Request Interrupt OAL No. PUC 08557-87
Docket No. TT 90060604

NEW MEXICO

- Public Service Company of New Mexico
Depreciation issues Case No. 15-00261-UT
Depreciation issues Case No. 10-00086-UT
Depreciation issues Case No. 08-00273-UT
- U.S. West Communications, Inc.
E-911 proceeding Case No. 92-79-TC
General rate proceeding Case No. 92-227-TC

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

	General rate/depreciation proceeding	Case No. 3008
	Subsidy Case	Case No. 3325
	USF Case	Case No. 3223
-	VALOR Communications	
	Subsidy Case	Case No. 3300
	Interconnection Arbitration	Case No. 3495
<u>OHIO</u>		
-	Ohio Bell Telephone Company	
	General rate proceeding	Docket No. 79-1184-TP-AIR
	General rate increase	Docket No. 81-1433-TP-AIR
	General rate increase	Docket No. 83-300-TP-AIR
	Access charges	Docket No. 83-464-TP-AIR
-	General Telephone of Ohio	
	General rate proceeding	Docket No. 81-383-TP-AIR
-	United Telephone Company	
	General rate proceeding	Docket No. 81-627-TP-AIR
<u>OKLAHOMA</u>		
-	Public Service of Oklahoma	
	General Rate Case	Cause No. PUD 202200093
	General Rate Case	Cause No. PUD 202100055
	General Rate Case	Cause No. PUD 201800097
	General Rate Case	Cause No. PUD 201700151
	Depreciation Case	Cause No. 96-0000214
-	Oklahoma Gas and Electric Company	
	General Rate Case	Case NO. PUD 2023-000087
	General Rate Case	Cause No. PUD 202100164
	General Rate Case	Cause No. PUD 201800140
	General Rate Case	Cause No. PUD 201700496
-	Oklahoma Natural Gas Company	
	General Rate Case	Cause No. PUD 202100063
<u>PENNSYLVANIA</u>		
-	GTE North, Inc.	
	Interconnection proceeding	Docket No. A-310125F002
-	Bell Telephone Company of Pennsylvania	
	Alternative Regulation proceeding	Docket No. P-00930715
	Automatic Savings	Docket No. R-953409
	Rate Rebalance	Docket No. R-00963550
-	Enterprise Telephone Company	
	General rate proceeding	Docket No. R-922317
-	All companies	

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL

- InterLATA Toll Service Invest. Docket No. I-910010
- Joint Petition for Global Resolution of Telecommunications Proceedings Docket Nos. P-00991649, P-00991648, M-00021596
- GTE North and United Telephone Company Local Calling Area Case Docket No. C-902815
- Verizon Joint Application of Bell Atlantic and GTE for Approval of Agreement and Plan of Merger Docket Nos. A-310200F0002, A-311350F0002, A-310222F0002, A-310291F0003
- Access Charge Complaint Proceeding Docket No. C-200271905

SOUTH DAKOTA

- Northwestern Bell Telephone Company General rate proceeding Docket No. F-3375

TENNESSEE

- (on behalf of Time Warner Communications)
- BellSouth Telephone Company Avoidable costs case Docket No. 96-00067

UTAH

- Questar Gas Company Depreciation rate proceeding Docket No. 13-057-19
- Rocky Mountain Power Depreciation rate proceeding Docket No. 13-035-02
- U.S. West Communications (Mountain Bell Telephone Company) General rate case Docket No. 84-049-01
- General rate case Docket No. 88-049-07
- 800 Services case Docket No. 90-049-05
- General rate case/ incentive regulation Docket No. 90-049-06/90-049-03
- General rate case Docket No. 92-049-07
- General rate case Docket No. 95-049-05
- General rate case Docket No. 97-049-08
- Qwest Price Flexibility-Residence Docket No. 01-2383-01
- Qwest Price Flexibility-Business Docket No. 02-049-82
- Qwest Price Flexibility-Residence Docket No. 03-049-49
- Qwest Price Flexibility-Business Docket No. 03-049-50
- Carbon/Emery General rate case/USF eligibility Docket No. 05-2302-01

VIRGIN ISLANDS, U.S.

- Virgin Islands Telephone Company

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL

General rate case	Docket No. 264
General rate case	Docket No. 277
General rate case	Docket No. 314
General rate case	Docket No. 316

VIRGINIA

- General Telephone Company of the South	
Jurisdictional allocations	Case No. PUC870029
Separations	Case No. PUC950019

WASHINGTON

- US West Communications, Inc.	
Interconnection case	Docket No. UT-960369
General rate case	Docket No. UT-950200
- All Companies-	Analyzed the local calling areas in the State

WISCONSIN

- Wisconsin Bell Telephone Company	
Private line rate proceeding	Docket No. 6720-TR-21
General rate proceeding	Docket No. 6720-TR-34

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED



Dianne M. Triplett
DEPUTY GENERAL COUNSEL

April 1, 2022

VIA ELECTRONIC DELIVERY

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

Re: *Ten-Year Site Plan as of December 31, 2021; Undocketed*

Dear Mr. Teitzman:

Pursuant to Rule 25-22.071, F.A.C., please find enclosed for filing Duke Energy Florida, LLC's, 2022 Ten-Year Site Plan.

Thank you for your assistance in this matter. Please feel free to call me at (727) 820-4692 should you have any questions.

Sincerely,

s/ Dianne M. Triplett

Dianne M. Triplett

DMT/mw
Attachments

cc: Donald Phillips, Division of Engineering, FPSC

Duke Energy Florida, LLC Ten-Year Site Plan

April 2022

2022-2031

**Submitted to:
Florida Public Service Commission**



DUKE ENERGY FLORIDA

SCHEDULE 1
EXISTING GENERATING FACILITIES

AS OF DECEMBER 31, 2021

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
PLANT NAME	UNIT NO.	LOCATION (COUNTY)	UNIT TYPE	FUEL PRI.	FUEL ALT.	FUEL TRANSPORT PRI.	FUEL TRANSPORT ALT.	ALT. FUEL DAYS USE	COMPL IN-SERVICE MO./YEAR	EXPECTED RETIREMENT MO./YEAR	GEN. MAX. NAMEPLATE KW	SUMMER MW	WINTER MW
STEAM													
ANCLOTE	1	PASCO	ST	NG		PL			10/74		556,200	508	521
ANCLOTE	2	PASCO	ST	NG		PL			10/78		556,200	505	514
CRYSTAL RIVER	4	CITRUS	ST	BIT		WA	RR		12/82		739,260	712	721
CRYSTAL RIVER	5	CITRUS	ST	BIT		WA	RR		10/84		739,260	698	709
											Steam Total	2,423	2,465
COMBINED-CYCLE													
P L BARTOW	4	PINELLAS	CC	NG	DFO	PL	TK	*	6/09		1,254,200	1,112	1,259
CITRUS COUNTY COMBINED CYCLE	PB1	CITRUS	CC	NG		PL			10/18		985,150	807	941
CITRUS COUNTY COMBINED CYCLE	PB2	CITRUS	CC	NG		PL			11/18		985,150	803	943
HINES ENERGY COMPLEX	1	POLK	CC	NG		PL			4/99		546,500	490	521
HINES ENERGY COMPLEX	2	POLK	CC	NG	DFO	PL	TK	*	12/03		548,250	532	549
HINES ENERGY COMPLEX	3	POLK	CC	NG	DFO	PL	TK	*	11/05		561,000	523	555
HINES ENERGY COMPLEX	4	POLK	CC	NG	DFO	PL	TK	*	12/07		610,500	516	544
OSPREY ENERGY CENTER POWER PLANT	1	POLK	CC	NG		PL			5/04		644,300	245	245
TIGER BAY	1	POLK	CC	NG		PL			8/97		278,100	193	224
											CC Total	5,221	5,781
COMBUSTION TURBINE													
BARTOW	P1	PINELLAS	CT	DFO		WA		*	5/72	6/2027 **	55,400	41	48
BARTOW	P2	PINELLAS	CT	NG	DFO	PL	WA	*	6/72		55,400	41	50
BARTOW	P3	PINELLAS	CT	DFO		WA		*	6/72	6/2027 **	55,400	41	53
BARTOW	P4	PINELLAS	CT	NG	DFO	PL	WA	*	6/72		55,400	45	58
BAYBORO	P1	PINELLAS	CT	DFO		WA		*	4/73	12/2025 **	56,700	44	58
BAYBORO	P2	PINELLAS	CT	DFO		WA		*	4/73	12/2025 **	56,700	41	55
BAYBORO	P3	PINELLAS	CT	DFO		WA		*	4/73	12/2025 **	56,700	43	57
BAYBORO	P4	PINELLAS	CT	DFO		WA		*	4/73	12/2025 **	56,700	43	56
DEBARY	P2	VOLUSIA	CT	DFO		TK		*	12/75-4/76	6/2027 **	73,440	45	57
DEBARY	P3	VOLUSIA	CT	DFO		TK		*	12/75-4/76	6/2027 **	73,440	45	59
DEBARY	P4	VOLUSIA	CT	DFO		TK		*	12/75-4/76	6/2027 **	73,440	46	59
DEBARY	P5	VOLUSIA	CT	DFO		TK		*	12/75-4/76	6/2027 **	73,440	45	58
DEBARY	P6	VOLUSIA	CT	DFO		TK		*	12/75-4/76	6/2027 **	73,440	46	59
DEBARY	P7	VOLUSIA	CT	NG	DFO	PL	TK	*	10/92		103,500	74	93
DEBARY	P8	VOLUSIA	CT	NG	DFO	PL	TK	*	10/92		103,500	75	94
DEBARY	P9	VOLUSIA	CT	NG	DFO	PL	TK	*	10/92		103,500	76	94
DEBARY	P10	VOLUSIA	CT	DFO		TK		*	10/92		103,500	72	88
INTERCESSION CITY	P1	OSCEOLA	CT	DFO		PL,TK		*	5/74		56,700	45	61
INTERCESSION CITY	P2	OSCEOLA	CT	DFO		PL,TK		*	5/74		56,700	46	60
INTERCESSION CITY	P3	OSCEOLA	CT	DFO		PL,TK		*	5/74		56,700	46	61
INTERCESSION CITY	P4	OSCEOLA	CT	DFO		PL,TK		*	5/74		56,700	46	62
INTERCESSION CITY	P5	OSCEOLA	CT	DFO		PL,TK		*	5/74		56,700	45	59
INTERCESSION CITY	P6	OSCEOLA	CT	DFO		PL,TK		*	5/74		56,700	47	60
INTERCESSION CITY	P7	OSCEOLA	CT	NG	DFO	PL	PL,TK	*	10/93		103,500	78	95
INTERCESSION CITY	P8	OSCEOLA	CT	NG	DFO	PL	PL,TK	*	10/93		103,500	77	95
INTERCESSION CITY	P9	OSCEOLA	CT	NG	DFO	PL	PL,TK	*	10/93		103,500	77	95
INTERCESSION CITY	P10	OSCEOLA	CT	NG	DFO	PL	PL,TK	*	10/93		103,500	74	94
INTERCESSION CITY	P11	OSCEOLA	CT	DFO		PL,TK		*	1/97		148,500	140	161
INTERCESSION CITY	P12	OSCEOLA	CT	NG	DFO	PL	PL,TK	*	12/00		98,260	69	89
INTERCESSION CITY	P13	OSCEOLA	CT	NG	DFO	PL	PL,TK	*	12/00		98,260	71	91
INTERCESSION CITY	P14	OSCEOLA	CT	NG	DFO	PL	PL,TK	*	12/00		98,260	70	90
SUWANNEE RIVER	P1	SUWANNEE	CT	NG	DFO	PL	TK	*	10/80		65,999	48	65
SUWANNEE RIVER	P2	SUWANNEE	CT	DFO		TK		*	10/80		65,999	48	64
SUWANNEE RIVER	P3	SUWANNEE	CT	NG	DFO	PL	TK	*	11/80		65,999	49	65
UNIVERSITY OF FLORIDA	P1	ALACHUA	GT	NG		PL			1/94	11/2027 **	43,000	44	50
											CT Total	1,983	2,513
SOLAR													
OSCEOLA SOLAR FACILITY	PV1	OSCEOLA	PV	SO					5/16		3,800	2	0
PERRY SOLAR FACILITY	PV1	TAYLOR	PV	SO					8/16		5,100	2	0
SUWANNEE RIVER SOLAR FACILITY	PV1	SUWANNEE	PV	SO					11/17		8,800	4	0
HAMILTON SOLAR POWER PLANT	PV1	HAMILTON	PV	SO					12/18		74,900	42	0
TRENTON SOLAR POWER PLANT	PV1	GILCHRIST	PV	SO					12/19		74,900	42	0
LAKE PLACID SOLAR POWER PLANT	PV1	HIGHLANDS	PV	SO					12/19		45,000	25	0
ST PETERSBURG PIER	PV1	PINELLAS	PV	SO					12/19		350	0	0
COLUMBIA SOLAR POWER PLANT	PV1	COLUMBIA	PV	SO					3/20		74,900	42	0
DEBARY SOLAR POWER PLANT	PV1	VOLUSIA	PV	SO					5/20		74,500	33	0
SANTA FE SOLAR POWER PLANT	PV1	COLUMBIA	PV	SO					3/21		74,900	43	0
TWIN RIVERS SOLAR POWER PLANT	PV1	HAMILTON	PV	SO					3/21		74,900	43	0
DUETTE SOLAR POWER PLANT	PV1	MANATEE	PV	SO					10/21		74,500	42	0
											SOLAR Total	321	-
											TOTAL RESOURCES (MW)	9,948	10,759

* APPROXIMATELY 2 TO 3 DAYS OF OIL USE TYPICALLY TARGETED FOR ENTIRE PLANT.
** DATES FOR RETIREMENT ARE APPROXIMATE AND SUBJECT TO CHANGE

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for rate increase by Duke Energy
Florida, LLC.

Docket No. 20240025-EI

Dated: May 7, 2024

**DUKE ENERGY FLORIDA, LLC’S RESPONSE TO
CITIZENS’ SIXTH SET OF INTERROGATORIES (NOS. 118-143)**

Duke Energy Florida, LLC (“DEF”) responds to the Citizens of the State of Florida, through the Office of Public Counsel’s (“Citizens” or “OPC”) Sixth Set of Interrogatories to DEF (Nos. 118-143), as follows:

INTERROGATORIES

118. Resource Addition Timing

Please refer to the Direct Testimony of DEF Witness Benjamin Borsch at p. 9-10 and p. 16 and the Company’s April 2024 Ten-Year Site Plan.

- a. For each year from 2025 through 2026, inclusive, please identify each resource addition difference, if any, between the resource additions proposed by the Company in this proceeding and the resource additions proposed in the Company’s April 2024 10-Year Site Plan.
- b. For each difference identified in response to a., please provide a detailed explanation with respect to why there is a difference.

Response:

- a. and b.

2025 – 2026 Solar Resources.

can be found in attachment "DEF-2024 – Balances.xlsx" in response to FL Rising & LULAC POD 1-2.

b. The retirement dates are the same as in the previous depreciation study, with the exception of Bayboro Units 1 through 4, which were changed from 2024 to 2026 due to a slight increase in expected service life in order to coordinate with transmission upgrades; and the University of Florida Cogeneration Unit, which was changed from 2027 to 2041 due to a contract extension. Additionally, as discussed in the response to OPC Interrogatory 6-139, the retirement date for Anclote should also be changed to 2042 to align with the Company's current expectations. Please see "DEF OPC ROG 6-138 Attachment.pdf" for notes from Mr. Allis's meetings about the depreciation study, which includes a discussion of these retirement dates.

c. See the attachment bearing Bates numbers 20240025-OPCROG6-00018042 through 20240025-OPCROG6-00018061, for the workpapers supporting Figure 1 on page 35 of Mr. Allis' testimony.

138. **Depreciation**

Regarding the probable retirement dates of production units, page 37 of Exhibit NWA-1 states:

The probable retirement dates are based on a number of factors, including the operating characteristics of the facilities, the type of technology used at each plant, environmental and other regulations, experience in the industry, current forecasted life spans, and the Company's outlook for each facility.

This is followed by a list of the probable retirement years for each production unit that were used in the DEF depreciation study.

- a. Please state for each Probable Retirement Year shown on pages 37 through 39 of Exhibit NWA-1 whether such was provided to DEF Witness Ned Allis by DEF personnel, or did DEF Witness Ned Allis decide what Probable Retirement Year to use for each production unit in his depreciation rate calculations?
- b. To the extent that DEF personnel provided to DEF Witness Ned Allis any of the Probable Retirement Years for the DEF production units, identify all documents related to that event(s). This should include the most recent such document that DEF Witness Ned Allis had at the time he was preparing the depreciation study shown in Exhibit NWA-1. Provide the date this document was transmitted to DEF Witness Ned Allis.

Response:

a. The Company provided estimated retirement dates for production units, which were then discussed with Mr. Allis. The proposed retirement dates are based on both the Company's and Mr. Allis's expertise.

b. The retirement dates are the same as in the previous depreciation study, with the exception of Bayboro Units 1 through 4, which were changed from 2024 to 2026 due to a slight increase in expected service life in order to coordinate with transmission upgrades; and the University of Florida Cogeneration Unit, which was changed from 2027 to 2041 due to a contract extension. Additionally, as discussed in the response to OPC Interrogatory 6-139, the retirement date for Anclote should also be changed to 2042 to align with the Company's current expectations. The Company will make this correction in an errata. Please see documents bearing Bates numbers 20240025-OPCROG6-00018062 for notes from Mr. Allis's meetings about the depreciation study, which includes a discussion of these retirement dates. The Company is also withholding a responsive document on the basis of privilege. A privilege log is available upon request.

139. **Depreciation**

- a. Is it correct that the "Duke Energy Florida, LLC Ten-Year Site Plan" April 2020 for the period 2020 through 2029, on page 1-3 shows both Steam Anclote Units 1 and 2 in service throughout the period covered by that plan, which is through December 31, 2029? If this is not a correct statement, please provide the corrected statement and the support for the corrected statement.
- b. Is it correct that the "Duke Energy Florida, LLC Ten-Year Site Plan" filed with the FPSC in each of the years after the Plan discussed in part (a), also showed that both Steam Anclote Units 1 and 2 were expected to be in service throughout the period covered by that Plan (For example, the "Duke Energy Florida, LLC 10 Year Site Plan" April 2024 for the period 2024 through 2033, on page 1-3 shows both Steam Anclote Units 1 and 2 in service throughout the period covered by that Plan, which is through December 31, 2033)? If this is not a correct statement, please provide the corrected statement and support for the corrected statement.
- c. Explain why a Probable Retirement Date of "06-2029" was used to calculate the depreciation rates filed in Exhibit NWA-1, as shown on page 53, column (1) of Exhibit NWA-1, for the Steam Anclote Units 1 and 2. Identify all documents which are the source of the "06-2029" Probable Retirement Date for the Steam Anclote Units 1 and 2.

Response:

- a. Yes, it is correct.
- b. Yes, it is correct.
- c. The 2029 probable retirement date is the same estimate as used for the current depreciation rates. The Company's current planning horizon is for a 2042 retirement date, which is the most reasonable expectation based on information currently available, and the retirement date for this facility should be updated to 2042.

Please see the attached document bearing Bates numbers 20240025-OPCROG6-00018062 through 20240025-OPCROG6-00018076 Attachment - Revised Exhibit

- NWA-1, Tables 1,2,3.xlsx" for the results of the depreciation rates that incorporate the 2042 retirement date. This file includes the change in the Anclote retirement date from 2029 to 2042. Please note, the change in retirement date also impacts the calculation of interim net salvage for steam production plant accounts, which impacts Crystal River as well as Anclote. Please see the attached file titled "OPC ROG 6-139 Anclote Retirement Date Change" for the impact to DEF's depreciation expense and reserve adjustments per Exhibit MJO-2 to Ms. Olivier's testimony.
- d. Please also note that the attachment bearing Bates numbers 20240025-OPCROG6-00018062 through -OPCROG6-00018076 Attachment - Revised Exhibit NWA-1, Tables 1,2,3.xlsx" also includes revised depreciation rates for the prime movers in FERC plant account 343 for DeBary units 7-10, Intercession City units 7-10, and Intercession City units 12-14, as further explained in OPC ROG 6-140.

140. **Depreciation**

Page 546 of Exhibit NWA-1 states that in the Service Life Analysis, "The overall experience band was studied for combined cycle rotatable parts." (Emphasis added).

- a. If data for the combined cycle rotatable parts was used to determine the 7 year-L0.5 survivor curve for rotatable parts, please explain why the 7 year-L0.5 survivor curve is applied to rotatable parts of simple cycle production units (for example, on page 56 of Exhibit NWA-1, Intercession City Units 7 through 10).
- b. List which of the following "rotatable parts" were included in the original costs shown on pages 415-418 of Exhibit NWA-1: (1) "rotatable parts" of the combustion turbines which were part of a combined cycle unit, (2) "rotatable parts" of the steam turbines which were part of a combined cycle unit, (3) "rotatable parts" of the combustion turbines which were in a simple cycle unit.
- c. List which of the following "rotatable parts" were included in the Exposures and Retirements data shown on page 108 of Exhibit NWA-1: (1) "rotatable parts" of the combustion turbines which were part of a combined cycle unit, (2) "rotatable parts" of the steam turbines which were part of a combined cycle unit, (3) "rotatable parts" of the combustion turbines which were in a simple cycle unit.

Response:

- a. The 7-L0.5 survivor curve and 40 percent gross salvage should apply to combined cycle plant and based on current operating expectations, should not apply to the frame simple cycle units (DeBary Units 7-10, Intercession City Units 7 through 10, and Intercession City Units 12 through 14). While these units do have many similar hot gas path and other components as the combustion turbines at combined cycle plants, based on their operations a longer service life is anticipated for the simple cycle units (and, accordingly, limited gross salvage). As a result, the rotatable parts at these units should have the same interim survivor

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for rate increase by Duke Energy
Florida, LLC.

Docket No. 20240025-EI

Dated: May 7, 2024

**DUKE ENERGY FLORIDA, LLC'S RESPONSE TO
CITIZENS' SIXTH SET OF INTERROGATORIES (NOS. 118-143)**

Duke Energy Florida, LLC ("DEF") responds to the Citizens of the State of Florida, through the Office of Public Counsel's ("Citizens" or "OPC") Sixth Set of Interrogatories to DEF (Nos. 118-143), as follows:

INTERROGATORIES

118. **Resource Addition Timing**

Please refer to the Direct Testimony of DEF Witness Benjamin Borsch at p. 9-10 and p. 16 and the Company's April 2024 Ten-Year Site Plan.

- a. For each year from 2025 through 2026, inclusive, please identify each resource addition difference, if any, between the resource additions proposed by the Company in this proceeding and the resource additions proposed in the Company's April 2024 10-Year Site Plan.
- b. For each difference identified in response to a., please provide a detailed explanation with respect to why there is a difference.

Response:

- a. and b.

2025 – 2026 Solar Resources.

a. No. Lauderdale Units 4 and 5 were 2x1 combined cycle plants. The plants were constructed in 1993, at which time the combustion turbines, HRSGs and most other equipment were first placed in service. The steam turbines and some related equipment from the retired Units 1 and 2 were originally installed in 1957 and 1958 and were reused for the combined cycle plants. However, the majority of the investment in for the facility was added in the 1990s.

b. Lauderdale Units 4 and 5 first went into service in 1993.

c. Yes.

125. **Depreciation**

Pages 23 and 24 of the direct testimony of Mr. Allis refer to FPL Putnam Unit 1 and Putnam Unit 2.

a. Were any of the steam or combustion turbine(s) in Putnam Unit 1 first used to generate electricity prior to 1976 (even if they were not owned by FPL and even if they were not part of a combined cycle unit at that time)? If the response is effectively “yes,” please provide the year, or approximate year, they initially began to be used to generating electricity (even if they were not owned by FPL and even if they were not part of a combined cycle unit at that time).

b. Were any of the steam or combustion turbine(s) in Putnam Unit 1 used to generate electricity after 2014 (even if they were not owned by FPL and even if they were at a different location and even if they were not part of a combined cycle unit after 2014)? If the response is effectively “yes,” please explain what happened to these turbines after the year 2014.

c. Provide the responses to part (a) and (b) for Putnam Unit 2.

Response:

- a. No.
- b. No.
- c. No.

126. **Depreciation**

The data on pages 267-269, SUMMARY OF BOOK SALVAGE, of Exhibit NWA-1 is combined to include both Account 343 and 343.1. Regarding net salvage, page 544 of Exhibit NWA-1 says, “[F]or the period for which data was available, separate analyses were performed for rotatable parts and the other assets in the account.”

- a. Identify the documents containing the separate net salvage analyses “for rotatable parts” [Account 343.1].
- b. Identify the documents containing the separate net salvage analyses “for the other assets in the account” [Account 343].
- c. Pages 53-57 of Exhibit NWA-1 show that for Prime Movers-General, Account 343 the DEF recommended Net Salvage is 0%. Compared with the separate net salvage analyses “for the other assets in the account” provided in response to part (b), explain how a recommendation of 0 % is supported.

Response:

- a. Please see attachments bearing Bates number 20240025-OPCROG6-00017794 through 20240025-OPCROG6-00018034, for net salvage data relating to account 343.1 and the individual analysis.
- b. Please refer to the response to part a.
- c. Please refer to pages X-24 and X-25 for a discussion of the net salvage estimate for this account. As noted, because gross salvage has not always been tracked separately between the two 343 subaccounts and because there is a shorter period of data available for the two subaccounts, the individual analyses were not definitive. Additionally, the gross salvage tends to be higher for newer assets (i.e., those that have not been refurbished and reused), which means the historical data will tend to indicate higher gross salvage than will be experienced for the balance of plant.

Mr. Allis’s estimates incorporated the historical data as well as analyses and estimates for other utilities with combined cycle power plants. The estimate of 0% for the “other assets in the account” is consistent with other utilities as well as the analysis and considerations discussed above.

127. **Depreciation**

Pages 546 of Exhibit NWA-1 says:

Rotable parts include components of the gas cycle of the Company's combined cycle that have shorter service lives than the plants themselves. During these inspections, many assets are removed and refurbished. DEF retires each asset when refurbished and records a salvage value for the retired component. This amount, plus the refurbishment cost is then recapitalized when returned to service. Typically, after three replacement cycles, the assets can no longer be refurbished and are retired.

DUKE ENERGY FLORIDA

ACCOUNT 343 PRIME MOVERS - GENERAL

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
		AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1975	112,000	46	0		0	46-	0
1976							
1977							
1978							
1979							
1980	6,852	7,891	115		0	7,891-	115-
1981	174,538		0		0		0
1982	6,075,870	4,529	0	56	0	4,473-	0
1983							
1984							
1985							
1986							
1987	20,192	207	1		0	207-	1-
1988							
1989							
1990	14,774	67,977	460		0	67,977-	460-
1991	334,166	81,014	24	67-	0	81,081-	24-
1992	965,625	589,528	61	559,827	58	29,701-	3-
1993	2,908,408	294,695	10	139	0	294,556-	10-
1994	6,991,451	187,881	3	114,161	2	73,720-	1-
1995	4,940	132	3		0	132-	3-
1996	11,254	6,427	57	123	1	6,304-	56-
1997	843,110-	82,757	10-	196,042	23-	113,285	13-
1998	1,250,202	401,148	32	5,556,993	444	5,155,845	412
1999	850,041	126,927	15	1,621,403	191	1,494,476	176
2000	7,132,418	409,136	6	7,674,016	108	7,264,880	102
2001	183,270	13,236	7	1,475	1	11,761-	6-
2002	14,392,620	64,703	0	723,241	5	658,538	5
2003	6,897,582	540,468	8	13,863,545	201	13,323,077	193
2004	12,267,667	38,528	0	44,710,795	364	44,672,267	364
2005	27,456,405	1,509,384	5		0	1,509,384-	5-
2006	21,337,665	16,943,736	79		0	16,943,737-	79-
2007	84,879,971	1,820,816	2	58,919,155	69	57,098,339	67
2008	42,158,105	2,350,392	6	18,477,833	44	16,127,441	38
2009	5,745,650	145,760	3	275,457	5	129,697	2
2010	18,108,762	153,406	1	973,370	5	819,963	5
2011	40,576,951	1,227,129	3	3,878,308	10	2,651,179	7
2012	18,774,587	5,193,783	28	11,200,729	60	6,006,946	32
2013	14,886,379	842,944	6	981,680	7	138,736	1
2014	16,670,787	4,903,999	29	831,510	5	4,072,490-	24-
2015	13,799,247	1,286,717	9	4,412,451	32	3,125,735	23
2016	41,362,981	3,575,319	9	9,393,553	23	5,818,233	14
2017	16,930,624	2,588,366	15	5,629,022	33	3,040,655	18

DUKE ENERGY FLORIDA

ACCOUNT 343 PRIME MOVERS - GENERAL

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
		AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2018	22,779,065	3,407,281-	15-	3,574,752	16	6,982,033	31
2019	31,109,696	9,693,311	31	10,078,458	32	385,147	1
2020	31,844,049	11,047,971	35	63,504,458	199	52,456,487	165
2021	26,204,644	12,135,017	46	14,390,574	55	2,255,557	9
2022	61,287,632	1,672,068	3	1,846,651	3	174,583	0
TOTAL	595,663,960	76,600,069	13	283,389,710	48	206,789,641	35

THREE-YEAR MOVING AVERAGES

75-77	37,333	15	0		0	15-	0
76-78							
77-79							
78-80	2,284	2,630	115		0	2,630-	115-
79-81	60,463	2,630	4		0	2,630-	4-
80-82	2,085,753	4,140	0	19	0	4,121-	0
81-83	2,083,469	1,510	0	19	0	1,491-	0
82-84	2,025,290	1,510	0	19	0	1,491-	0
83-85							
84-86							
85-87	6,731	69	1		0	69-	1-
86-88	6,731	69	1		0	69-	1-
87-89	6,731	69	1		0	69-	1-
88-90	4,925	22,659	460		0	22,659-	460-
89-91	116,313	49,664	43	22-	0	49,686-	43-
90-92	438,188	246,173	56	186,587	43	59,586-	14-
91-93	1,402,733	321,746	23	186,633	13	135,113-	10-
92-94	3,621,828	357,368	10	224,709	6	132,659-	4-
93-95	3,301,600	160,903	5	38,100	1	122,803-	4-
94-96	2,335,882	64,813	3	38,095	2	26,719-	1-
95-97	275,639-	29,772	11-	65,388	24-	35,616	13-
96-98	139,449	163,444	117	1,917,719		1,754,275	
97-99	419,044	203,611	49	2,458,146	587	2,254,535	538
98-00	3,077,554	312,404	10	4,950,804	161	4,638,400	151
99-01	2,721,910	183,100	7	3,098,965	114	2,915,865	107
00-02	7,236,103	162,358	2	2,799,577	39	2,637,219	36
01-03	7,157,824	206,136	3	4,862,754	68	4,656,618	65
02-04	11,185,956	214,566	2	19,765,860	177	19,551,294	175
03-05	15,540,551	696,127	4	19,524,780	126	18,828,654	121
04-06	20,353,912	6,163,883	30	14,903,598	73	8,739,716	43
05-07	44,558,014	6,757,979	15	19,639,718	44	12,881,740	29
06-08	49,458,581	7,038,315	14	25,798,996	52	18,760,681	38
07-09	44,261,242	1,438,989	3	25,890,815	58	24,451,826	55

DUKE ENERGY FLORIDA

ACCOUNT 343 PRIME MOVERS - GENERAL

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
08-10	22,004,172	883,186	4	6,575,553	30	5,692,367	26
09-11	21,477,121	508,765	2	1,709,045	8	1,200,280	6
10-12	25,820,100	2,191,439	8	5,350,802	21	3,159,363	12
11-13	24,745,972	2,421,285	10	5,353,572	22	2,932,287	12
12-14	16,777,251	3,646,909	22	4,337,973	26	691,064	4
13-15	15,118,804	2,344,553	16	2,075,214	14	269,340-	2-
14-16	23,944,338	3,255,345	14	4,879,171	20	1,623,826	7
15-17	24,030,951	2,483,467	10	6,478,342	27	3,994,874	17
16-18	27,024,223	918,802	3	6,199,109	23	5,280,307	20
17-19	23,606,462	2,958,132	13	6,427,411	27	3,469,279	15
18-20	28,577,603	5,778,000	20	25,719,223	90	19,941,222	70
19-21	29,719,463	10,958,767	37	29,324,497	99	18,365,730	62
20-22	39,778,775	8,285,019	21	26,580,561	67	18,295,542	46
FIVE-YEAR AVERAGE							
18-22	34,645,017	6,228,217	18	18,678,979	54	12,450,761	36

DUKE ENERGY FLORIDA

ACCOUNT 343.1 PRIME MOVERS - ROTABLE PARTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
		AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2008	61,563,530	3,161,493	5	42,139,455	68	38,977,961	63
2009	23,065,564	255,704	1	5,395,469	23	5,139,765	22
2010	11,611,580	32,174	0	641,812	6	609,638	5
2011	51,541,750	2,513,942	5	27,220,198	53	24,706,256	48
2012	62,264,942	6,283,861	10	76,224,317	122	69,940,456	112
2013	58,776,029	2,125,957	4	28,873,078	49	26,747,121	46
2014	34,902,377	9,979,892	29	113,107,760	324	103,127,868	295
2015	43,307,775	4,519,519	10	19,458,567	45	14,939,048	34
2016	166,784,834	5,348,637	3	30,112,439	18	24,763,802	15
2017	33,698,878	7,923,096	24	77,223,506	229	69,300,410	206
2018	47,188,671	566,815	1	26,659,230	56	26,092,415	55
2019	79,769,533	4,135,077	5	39,214,115	49	35,079,039	44
2020	33,958,124	12,291,527	36	67,720,416	199	55,428,889	163
2021	20,161,009	9,336,291	46	11,071,644	55	1,735,353	9
2022	146,430,663	3,994,965	3	4,412,086	3	417,121	0
TOTAL	875,025,260	72,468,949	8	569,474,094	65	497,005,145	57

THREE-YEAR MOVING AVERAGES

08-10	32,080,225	1,149,791	4	16,058,912	50	14,909,121	46
09-11	28,739,631	933,940	3	11,085,826	39	10,151,886	35
10-12	41,806,091	2,943,326	7	34,695,442	83	31,752,117	76
11-13	57,527,574	3,641,253	6	44,105,864	77	40,464,611	70
12-14	51,981,116	6,129,903	12	72,735,052	140	66,605,149	128
13-15	45,662,060	5,541,789	12	53,813,135	118	48,271,346	106
14-16	81,664,995	6,616,016	8	54,226,255	66	47,610,240	58
15-17	81,263,829	5,930,417	7	42,264,838	52	36,334,420	45
16-18	82,557,461	4,612,849	6	44,665,059	54	40,052,209	49
17-19	53,552,361	4,208,329	8	47,698,951	89	43,490,621	81
18-20	53,638,776	5,664,473	11	44,531,254	83	38,866,781	72
19-21	44,629,555	8,587,632	19	39,335,392	88	30,747,760	69
20-22	66,849,932	8,540,928	13	27,734,716	41	19,193,788	29

FIVE-YEAR AVERAGE

18-22	65,501,600	6,064,935	9	29,815,499	46	23,750,564	36
-------	------------	-----------	---	------------	----	------------	----

Utility-Scale Solar, 2022 Edition

Empirical Trends in Deployment, Technology, Cost, Performance, PPA Pricing, and Value in the United States

Mark Bolinger¹, Joachim Seel¹,
Cody Warner, and Dana Robson

Lawrence Berkeley National Laboratory

¹Corresponding authors

September 2022

This material is based upon work supported by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) under Solar Energy Technologies Office (SETO) Agreement Number 38444 and Contract No. DE-AC02-05CH11231.



Photo: Enel Green Power

LCOE and PPA price analysis: data sets and methodology

Project-level LCOE is based on empirical CapEx and capacity factor data presented earlier, as well as:

- OpEx and project life that change with vintage: OpEx declines from \$37/kW_{DC}-yr in 2007 to \$14/kW_{DC}-yr in 2021 (levelized, in 2021\$); project life increases from 21.5 years in 2007 to 35 years in 2021 (both based on prior LBNL research)
- Weighted average cost of capital (WACC) based on a constant 70%/30% debt/equity ratio and time-varying market rates
- Combined income tax rate of 38% pre-2018 and 25% post-2017; 5-yr MACRS; inflation expectations ranging from 1.9%-2.6%

PPA prices are from utility-scale solar plants built since 2007 or planned for future installation, and include:

- 372 PV-only contracts totaling 26.85 GW_{AC}
- 67 PV+battery contracts totaling 8.0 GW_{AC} of PV capacity and 4.5 GW_{AC} / 18.0 GWh of battery capacity (presented in a later section)
- 5 concentrating solar thermal power (CSP) contracts totaling 1.2 GW_{AC} (presented in a later section)
- PPA prices reflect the bundled price of electricity and RECs as sold by the project owner under the PPA
 - Dataset excludes merchant plants, projects that sell renewable energy certificates (RECs) separately, and most direct retail sales
 - Prices reflect receipt of state and federal incentives (e.g., the ITC), and as a result do not reflect solar generation costs
- We also present LevelTen Energy data on PPA offers; these are often for shorter contract durations and targeted at corporate offtakers

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

REDISTRIBUTE SIMPLE CYCLE PRODUCTION BOOK DEPRECIATION RESERVE BASED ON RELATIVE THEORETICAL RESERVE AS OF DECEMBER 31, 2024

ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	THEORETICAL RESERVE	ADDED BY OPC				THEORETICAL RESERVE AT OPC NET SALVAGE	RATIO: TOTAL BOOK RESERVE / TOTAL THEO RESERVE	OPC REALLOCATED BOOK DEPRECIATION RESERVE
			DEF FILED NET SALVAGE	OPC NET SALVAGE	RATIO +(1-OPC NS/100)/ (1-DEF NS/100)	THEORETICAL RESERVE AT OPC NET SALVAGE			
From Exh. NWA-1, pages 55-57									
SIMPLE CYCLE PRODUCTION PLANT									
BARTOW PEAKING									
<i>BARTOW UNITS 1 AND 3</i>									
341.00	STRUCTURES AND IMPROVEMENTS	2,024,591.17	989,065	(1)	(1)	1	989,065	1.21	1,195,952.50
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORIES	3,417,718.30	2,170,532	(3)	(3)	1	2,170,532	1.21	2,624,552.65
343.00	PRIME MOVERS - GENERAL	11,261,919.71	6,569,885	0	11	0.89	5,847,198	1.21	7,070,284.20
344.00	GENERATORS	4,817,918.84	3,794,632	(2)	(2)	1	3,794,632	1.21	4,588,373.49
345.00	ACCESSORY ELECTRIC EQUIPMENT	3,846,400.78	2,355,415	(2)	(2)	1	2,355,415	1.21	2,848,108.52
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	288,160.46	156,419	(2)	(2)	1	156,419	1.21	189,137.92
	TOTAL BARTOW UNITS 1 AND 3	25,656,709.26	16,035,948						
<i>BARTOW UNITS 2 AND 4</i>									
341.00	STRUCTURES AND IMPROVEMENTS	606,249.55	540,808	(1)	(1)	1	540,808	1.21	653,931.42
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORIES	167,146.01	150,424	(3)	(3)	1	150,424	1.21	181,888.91
343.00	PRIME MOVERS - GENERAL	13,744,069.55	10,520,334	0	11	0.89	9,363,097	1.21	11,321,621.50
344.00	GENERATORS	2,494,674.18	2,205,023	(2)	(2)	1	2,205,023	1.21	2,666,258.30
345.00	ACCESSORY ELECTRIC EQUIPMENT	298,332.54	249,495	(2)	(2)	1	249,495	1.21	301,683.07
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	4,304,654.21	1,643,313	(2)	(2)	1	1,643,313	1.21	1,987,052.71
	TOTAL BARTOW UNITS 2 AND 4	21,615,126.04	15,309,397						
	TOTAL BARTOW PEAKING	47,271,835.30	31,345,345						
BAYBORO PEAKING									
<i>BAYBORO UNITS 1 THROUGH 4</i>									
341.00	STRUCTURES AND IMPROVEMENTS	2,000,348.95	1,844,133	(1)	(1)	1	1,844,133	1.21	2,229,879.20
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORIES	1,918,698.73	1,807,688	(3)	(3)	1	1,807,688	1.21	2,185,810.82
343.00	PRIME MOVERS - GENERAL	17,747,817.33	16,366,173	0	11	0.89	14,565,894	1.21	17,612,712.31
344.00	GENERATORS	3,896,002.33	3,673,020	(2)	(2)	1	3,673,020	1.21	4,441,323.32
345.00	ACCESSORY ELECTRIC EQUIPMENT	1,512,283.31	1,373,272	(2)	(2)	1	1,373,272	1.21	1,660,525.93
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	577,277.04	523,648	(2)	(2)	1	523,648	1.21	633,181.98
	TOTAL BAYBORO UNITS 1 THROUGH 4	27,652,427.69	25,587,934						
	TOTAL BARTOW PEAKING	27,652,427.69	25,587,934						
DEBARY PEAKING									
<i>DEBARY UNITS 2 THROUGH 6</i>									
341.00	STRUCTURES AND IMPROVEMENTS	6,210,264.52	5,488,126	(1)	(1)	1	5,488,126	1.21	6,636,103.80
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORIES	10,282,898.23	9,191,347	(3)	(3)	1	9,191,347	1.21	11,113,945.41
343.00	PRIME MOVERS - GENERAL	26,653,742.68	24,000,684	0	11	0.89	21,360,609	1.21	25,828,710.39
344.00	GENERATORS	7,868,742.04	7,550,791	(2)	(2)	1	7,550,791	1.21	9,130,226.40
345.00	ACCESSORY ELECTRIC EQUIPMENT	7,007,923.65	6,216,079	(2)	(2)	1	6,216,079	1.21	7,516,326.25
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	1,489,071.94	1,212,526	(2)	(2)	1	1,212,526	1.21	1,466,155.92
	TOTAL DEBARY UNITS 2 THROUGH 6	59,512,643.06	53,659,553						
<i>DEBARY UNITS 7 THROUGH 10</i>									
341.00	STRUCTURES AND IMPROVEMENTS	7,382,724.97	3,442,649	(1)	(1)	1	3,442,649	1.21	4,162,764.51
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORIES	7,691,276.44	5,002,656	(3)	(3)	1	5,002,656	1.21	6,049,085.70
343.00	PRIME MOVERS - GENERAL	77,093,329.41	43,540,452	0	11	0.89	38,751,002	1.21	46,856,736.46
343.10	PRIME MOVERS - ROTABLE PARTS	3,349,494.52	237,991	38	38	1	237,991	1.21	287,772.73
344.00	GENERATORS	19,827,030.40	13,098,746	(2)	(2)	1	13,098,746	1.21	15,838,673.92
345.00	ACCESSORY ELECTRIC EQUIPMENT	7,731,185.34	3,969,633	(2)	(2)	1	3,969,633	1.21	4,799,980.29

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

REDISTRIBUTE SIMPLE CYCLE PRODUCTION BOOK DEPRECIATION RESERVE BASED ON RELATIVE THEORETICAL RESERVE AS OF DECEMBER 31, 2024

From Exh. NWA-1, pages 55-57			ADDED BY OPC				RATIO:		OPC
ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	THEORETICAL RESERVE	DEF FILED NET SALVAGE	OPC NET SALVAGE	RATIO +(1-OPC NS/100)/(1-DEF NS/100)	THEORETICAL RESERVE AT OPC NET SALVAGE	TOTAL BOOK RESERVE / TOTAL THEO RESERVE	REALLOCATED BOOK DEPRECIATION RESERVE	
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,136,152.60	663,765	(2)	(2)	1	663,765	1.21	802,607.93	
TOTAL DEBARY UNITS 7 THROUGH 10	124,211,193.68	69,955,892							
TOTAL DEBARY PEAKING	183,723,836.74	123,615,445							
INTERCESSION CITY PEAKING									
<i>INTERCESSION CITY UNITS 1 THROUGH 6</i>									
341.00 STRUCTURES AND IMPROVEMENTS	6,460,210.45	3,392,371	(1)	(1)	1	3,392,371	1.21	4,101,969.62	
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	6,218,886.58	3,198,263	(3)	(3)	1	3,198,263	1.21	3,867,259.11	
343.00 PRIME MOVERS - GENERAL	30,598,075.01	18,331,144	0	11	0.89	16,314,718	1.21	19,727,346.50	
344.00 GENERATORS	6,033,618.14	3,246,317	(2)	(2)	1	3,246,317	1.21	3,925,364.80	
345.00 ACCESSORY ELECTRIC EQUIPMENT	6,260,250.93	3,752,122	(2)	(2)	1	3,752,122	1.21	4,536,971.47	
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,918,301.38	1,057,118	(2)	(2)	1	1,057,118	1.21	1,278,240.47	
TOTAL INTERCESSION CITY UNITS 1 THROUGH 6	57,489,342.49	32,977,335							
<i>INTERCESSION CITY UNITS 7 THROUGH 10</i>									
341.00 STRUCTURES AND IMPROVEMENTS	10,458,627.44	6,703,686	(1)	(1)	1	6,703,686	1.21	8,105,928.36	
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	8,223,597.18	5,134,983	(3)	(3)	1	5,134,983	1.21	6,209,092.18	
343.00 PRIME MOVERS - GENERAL	79,743,189.19	38,962,622	0	11	0.89	34,676,734	1.21	41,930,233.31	
343.10 PRIME MOVERS - ROTABLE PARTS	6,316,102.71	838,630	38	38	1	838,630	1.21	1,014,050.28	
344.00 GENERATORS	18,478,191.88	11,722,621	(2)	(2)	1	11,722,621	1.21	14,174,698.21	
345.00 ACCESSORY ELECTRIC EQUIPMENT	7,326,245.55	4,111,362	(2)	(2)	1	4,111,362	1.21	4,971,355.43	
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,091,865.99	629,785	(2)	(2)	1	629,785	1.21	761,520.17	
TOTAL INTERCESSION CITY UNITS 7 THROUGH 10	131,637,819.94	68,103,689							
<i>INTERCESSION CITY UNIT 11</i>									
341.00 STRUCTURES AND IMPROVEMENTS	2,123,396.81	1,215,344	(1)	(1)	1	1,215,344	1.21	1,469,563.37	
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	1,930,623.85	1,160,644	(3)	(3)	1	1,160,644	1.21	1,403,421.51	
343.00 PRIME MOVERS - GENERAL	25,196,412.69	12,787,551	0	11	0.89	11,380,920	1.21	13,761,522.44	
344.00 GENERATORS	4,183,183.34	2,510,961	(2)	(2)	1	2,510,961	1.21	3,036,190.83	
345.00 ACCESSORY ELECTRIC EQUIPMENT	4,785,400.55	2,861,944	(2)	(2)	1	2,861,944	1.21	3,460,590.64	
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	257,487.22	132,961	(2)	(2)	1	132,961	1.21	160,773.09	
TOTAL INTERCESSION CITY UNIT 11	38,476,504.46	20,669,405							
<i>INTERCESSION CITY UNITS 12 THROUGH 14</i>									
341.00 STRUCTURES AND IMPROVEMENTS	1,569,822.33	751,687	(1)	(1)	1	751,687	1.21	908,921.00	
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	5,206,204.18	2,352,796	(3)	(3)	1	2,352,796	1.21	2,844,941.70	
343.00 PRIME MOVERS - GENERAL	65,026,103.12	24,560,038	0	11	0.89	21,858,434	1.21	26,430,667.92	
343.10 PRIME MOVERS - ROTABLE PARTS	1,410,035.11	139,875	38	38	1	139,875	1.21	169,133.33	
344.00 GENERATORS	17,766,619.90	8,793,630	(2)	(2)	1	8,793,630	1.21	10,633,036.03	
345.00 ACCESSORY ELECTRIC EQUIPMENT	9,840,894.39	4,278,953	(2)	(2)	1	4,278,953	1.21	5,174,002.25	
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	158,572.66	53,990	(2)	(2)	1	53,990	1.21	65,283.35	
TOTAL INTERCESSION CITY UNITS 12 THROUGH 14	100,978,251.69	40,930,969							
TOTAL INTERCESSION CITY PEAKING	328,581,918.58	162,681,398							
SUWANNEE RIVER PEAKING									
<i>SUWANNEE RIVER UNITS 1 THROUGH 3</i>									
341.00 STRUCTURES AND IMPROVEMENTS	7,469,390.35	3,171,366	(1)	(1)	1	3,171,366	1.21	3,834,735.93	
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	7,575,734.49	4,754,590	(3)	(3)	1	4,754,590	1.21	5,749,130.54	
343.00 PRIME MOVERS - GENERAL	29,049,006.77	17,218,737	0	11	0.89	15,324,676	1.21	18,530,212.36	
344.00 GENERATORS	7,189,869.25	4,257,470	(2)	(2)	1	4,257,470	1.21	5,148,025.55	
345.00 ACCESSORY ELECTRIC EQUIPMENT	6,570,026.31	3,356,957	(2)	(2)	1	3,356,957	1.21	4,059,147.90	
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	2,247,634.80	959,742	(2)	(2)	1	959,742	1.21	1,160,495.87	

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

REDISTRIBUTE SIMPLE CYCLE PRODUCTION BOOK DEPRECIATION RESERVE BASED ON RELATIVE THEORETICAL RESERVE AS OF DECEMBER 31, 2024

ACCOUNT	From Exh. NWA-1, pages 55-57		ADDED BY OPC				RATIO: TOTAL BOOK RESERVE / TOTAL THEO RESERVE	OPC REALLOCATED BOOK DEPRECIATION RESERVE
	ORIGINAL COST AS OF DECEMBER 31, 2024	THEORETICAL RESERVE	DEF FILED NET	OPC NET	RATIO +(1-OPC NS/100)/ (1-DEF NS/100)	THEORETICAL RESERVE AT OPC NET SALVAGE		
TOTAL SUWANNEE RIVER UNITS 1 THROUGH 3	60,101,661.97	33,718,862						
TOTAL SUWANNEE RIVER PEAKING	60,101,661.97	33,718,862						
UNIVERSITY OF FLORIDA COGENERATION								
UNIVERSITY OF FLORIDA COGENERATION								
341.00 STRUCTURES AND IMPROVEMENTS	8,662,876.52	4,262,690	(1)	(1)	1	4,262,690	1.21	5,154,337.44
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	6,655,241.68	3,673,375	(3)	(3)	1	3,673,375	1.21	4,441,752.58
343.00 PRIME MOVERS - GENERAL	32,206,792.65	11,305,448	0	11	0.89	10,061,849	1.21	12,166,534.18
344.00 GENERATORS	5,811,572.48	2,335,109	(2)	(2)	1	2,335,109	1.21	2,823,555.02
345.00 ACCESSORY ELECTRIC EQUIPMENT	6,393,743.95	3,468,589	(2)	(2)	1	3,468,589	1.21	4,194,130.50
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,566,762.66	796,769	(2)	(2)	1	796,769	1.21	963,433.02
TOTAL UNIVERSITY OF FLORIDA COGENERATION	61,296,989.94	25,841,980						
TOTAL UNIVERSITY OF FLORIDA COGENERATION	61,296,989.94	25,841,980						
TOTAL SIMPLE CYCLE PRODUCTION PLANT	708,628,670.22	402,790,964				378,133,027	1.21	457,228,937

SIMPLE CYCLE BOOK RESERVE PER EXH. NWA-1, P. 57: $\frac{457,228,937}{378,133,027} = 1.21$

SIMPLE CYCLE PRODUCTION PLANT

REDISTRIBUTED DEPRECIATION RESERVE COMPARED TO BOOK DEPRECIATION RESERVE AS FILED BY DEF

ACCOUNT	BOOK DEPRECIATION RESERVE ON EXH. NWA- 1, PAGES 55-57	REDISTRIBUTED DEPRECIATION RESERVE	DIFFERENCE
SIMPLE CYCLE PRODUCTION PLANT			
BARTOW PEAKING			
<i>BARTOW UNITS 1 AND 3</i>			
341.00 STRUCTURES AND IMPROVEMENTS	1,315,448	1,195,952	(119,496)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	2,598,896	2,624,553	25,657
343.00 PRIME MOVERS - GENERAL	5,760,507	7,070,284	1,309,777
344.00 GENERATORS	4,747,170	4,588,373	(158,797)
345.00 ACCESSORY ELECTRIC EQUIPMENT	2,067,271	2,848,109	780,837
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	67,903	189,138	121,235
<i>BARTOW UNITS 2 AND 4</i>			
341.00 STRUCTURES AND IMPROVEMENTS	176,005	653,931	477,926
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	163,225	181,889	18,664
343.00 PRIME MOVERS - GENERAL	6,590,932	11,321,622	4,730,689
344.00 GENERATORS	2,011,967	2,666,258	654,292
345.00 ACCESSORY ELECTRIC EQUIPMENT	187,256	301,683	114,427
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	396,020	1,987,053	1,591,033
BAYBORO PEAKING			
<i>BAYBORO UNITS 1 THROUGH 4</i>			
341.00 STRUCTURES AND IMPROVEMENTS	1,691,582	2,229,879	538,297
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	1,794,050	2,185,811	391,761
343.00 PRIME MOVERS - GENERAL	12,896,824	17,612,712	4,715,888
344.00 GENERATORS	3,649,362	4,441,323	791,961
345.00 ACCESSORY ELECTRIC EQUIPMENT	986,008	1,660,526	674,518
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	491,024	633,182	142,158
DEBARY PEAKING			
<i>DEBARY UNITS 2 THROUGH 6</i>			
341.00 STRUCTURES AND IMPROVEMENTS	5,662,450	6,636,104	973,654
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	7,836,776	11,113,945	3,277,169
343.00 PRIME MOVERS - GENERAL	28,301,450	25,828,710	(2,472,739)
344.00 GENERATORS	8,807,544	9,130,226	322,682
345.00 ACCESSORY ELECTRIC EQUIPMENT	6,372,188	7,516,326	1,144,139
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	827,655	1,466,156	638,500
<i>DEBARY UNITS 7 THROUGH 10</i>			
341.00 STRUCTURES AND IMPROVEMENTS	3,506,430	4,162,765	656,335
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	6,511,849	6,049,086	(462,764)

SIMPLE CYCLE PRODUCTION PLANT

REDISTRIBUTED DEPRECIATION RESERVE COMPARED TO BOOK DEPRECIATION RESERVE AS FILED BY DEF

ACCOUNT	BOOK DEPRECIATION RESERVE ON EXH. NWA- 1, PAGES 55-57	REDISTRIBUTED DEPRECIATION RESERVE	DIFFERENCE
343.00 PRIME MOVERS - GENERAL	62,080,457	46,856,736	(15,223,720)
343.10 PRIME MOVERS - ROTABLE PARTS	30,957	287,773	256,816
344.00 GENERATORS	17,259,259	15,838,674	(1,420,585)
345.00 ACCESSORY ELECTRIC EQUIPMENT	4,420,012	4,799,980	379,968
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	760,616	802,608	41,992
INTERCESSION CITY PEAKING			
<i>INTERCESSION CITY UNITS 1 THROUGH 6</i>			
341.00 STRUCTURES AND IMPROVEMENTS	3,595,743	4,101,970	506,226
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	2,409,027	3,867,259	1,458,232
343.00 PRIME MOVERS - GENERAL	19,198,773	19,727,347	528,573
344.00 GENERATORS	3,137,153	3,925,365	788,212
345.00 ACCESSORY ELECTRIC EQUIPMENT	3,936,378	4,536,971	600,594
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,309,752	1,278,240	(31,511)
<i>INTERCESSION CITY UNITS 7 THROUGH 10</i>			
341.00 STRUCTURES AND IMPROVEMENTS	7,714,104	8,105,928	391,825
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	5,773,029	6,209,092	436,064
343.00 PRIME MOVERS - GENERAL	45,202,287	41,930,233	(3,272,054)
343.10 PRIME MOVERS - ROTABLE PARTS	1,470,902	1,014,050	(456,851)
344.00 GENERATORS	13,314,144	14,174,698	860,554
345.00 ACCESSORY ELECTRIC EQUIPMENT	4,535,590	4,971,355	435,766
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	584,326	761,520	177,194
<i>INTERCESSION CITY UNIT 11</i>			
341.00 STRUCTURES AND IMPROVEMENTS	1,680,725	1,469,563	(211,162)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	1,366,232	1,403,422	37,190
343.00 PRIME MOVERS - GENERAL	20,778,342	13,761,522	(7,016,820)
344.00 GENERATORS	3,644,123	3,036,191	(607,932)
345.00 ACCESSORY ELECTRIC EQUIPMENT	3,843,938	3,460,591	(383,347)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	181,396	160,773	(20,623)
<i>INTERCESSION CITY UNITS 12 THROUGH 14</i>			
341.00 STRUCTURES AND IMPROVEMENTS	766,453	908,921	142,468
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	922,711	2,844,942	1,922,231
343.00 PRIME MOVERS - GENERAL	28,529,494	26,430,668	(2,098,826)
343.10 PRIME MOVERS - ROTABLE PARTS	46,531	169,133	122,602
344.00 GENERATORS	10,675,555	10,633,036	(42,519)
345.00 ACCESSORY ELECTRIC EQUIPMENT	4,625,172	5,174,002	548,830
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	153,275	65,283	(87,992)

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

SIMPLE CYCLE PRODUCTION PLANT

REDISTRIBUTED DEPRECIATION RESERVE COMPARED TO BOOK DEPRECIATION RESERVE AS FILED BY DEF

ACCOUNT	BOOK DEPRECIATION RESERVE ON EXH. NWA- 1, PAGES 55-57	REDISTRIBUTED DEPRECIATION RESERVE	DIFFERENCE
SUWANNEE RIVER PEAKING			
<i>SUWANNEE RIVER UNITS 1 THROUGH 3</i>			
341.00 STRUCTURES AND IMPROVEMENTS	2,703,023	3,834,736	1,131,713
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	4,686,311	5,749,131	1,062,820
343.00 PRIME MOVERS - GENERAL	16,041,523	18,530,212	2,488,690
344.00 GENERATORS	4,183,247	5,148,026	964,778
345.00 ACCESSORY ELECTRIC EQUIPMENT	1,858,313	4,059,148	2,200,835
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	488,684	1,160,496	671,812
UNIVERSITY OF FLORIDA COGENERATION			
<i>UNIVERSITY OF FLORIDA COGENERATION</i>			
341.00 STRUCTURES AND IMPROVEMENTS	8,533,293	5,154,337	(3,378,955)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	5,056,879	4,441,753	(615,126)
343.00 PRIME MOVERS - GENERAL	17,925,854	12,166,534	(5,759,320)
344.00 GENERATORS	1,708,812	2,823,555	1,114,743
345.00 ACCESSORY ELECTRIC EQUIPMENT	3,631,391	4,194,131	562,740
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,047,359	963,433	(83,926)
TOTAL SIMPLE CYCLE PRODUCTION PLANT	457,228,937	457,228,937	(0)

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

		DEF Proposed		OPC Proposed		
	Current Rates Annual Accrual	Annual Accrual	Different from Current	Annual Accrual	Different from Current	Different from DEF
Steam Production	174,860,964	180,512,441	5,651,477	151,256,545	(23,604,419)	(29,255,896)
Combined Cycle Prod.	190,475,733	180,552,327	(9,923,406)	154,968,136	(35,507,597)	(25,584,191)
Simple Cycle Prod.	28,693,842	29,268,649	574,807	15,273,900	(13,419,942)	(13,994,749)
Solar Production	71,875,738	73,156,757	1,281,019	63,851,314	(8,024,424)	(9,305,443)
Transmission Plant	154,685,725	170,566,999	15,881,274	170,566,999	15,881,274	0
Distribution Plant	301,517,713	344,247,111	42,729,398	341,373,023	39,855,310	(2,874,088)
General Plant	20,847,967	16,623,426	(4,224,541)	16,623,426	(4,224,541)	0
Total Depreciable	942,957,682	994,927,710	51,970,028	913,913,343	(29,044,339)	(81,014,367)

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

**DUKE ENERGY FLORIDA
OPC PROPOSED**

TABLE 1. SUMMARY OF PROBABLE RETIREMENT DATE, ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENTS, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE (1)	SURVIVOR CURVE (2)	NET SALVAGE (3)	ORIGINAL COST AS OF DECEMBER 31, 2024 (4)	BOOK DEPRECIATION RESERVE (5)	FUTURE ACCRUALS (6)=(100%-3)x(4)-(5)	COMPOSITE REMAINING LIFE (7)	ANNUAL DEPRECIATION ACCRUALS (8)=(6)/(7)	ANNUAL DEPRECIATION RATE (9)=(8)/(4)
STEAM PRODUCTION PLANT									
ANCLOTE STEAM PLANT									
<i>ANCLOTE UNITS 1 AND 2</i>									
311.00	06-2042	100-R2 *	(1)	47,582,599.77	27,275,304	20,783,121	17.06	1,218,237	2.56
312.00	06-2042	55-R1 *	(3)	232,566,150.49	146,555,760	92,987,375	16.09	5,779,203	2.48
314.00	06-2042	50-R1 *	(4)	164,605,220.27	103,153,710	68,035,719	15.65	4,347,330	2.64
315.00	06-2042	70-R1.5 *	(2)	40,416,326.37	26,546,838	14,677,815	16.52	888,488	2.20
316.00	06-2042	45-R1 *	(1)	10,260,469.57	6,773,657	3,589,417	15.24	235,526	2.30
<i>TOTAL ANCLOTE UNITS 1 AND 2</i>				<u>495,430,766.47</u>	<u>310,305,270</u>	<u>200,073,447</u>	<u>16.05</u>	<u>12,468,784</u>	<u>2.52</u>
TOTAL ANCLOTE STEAM PLANT				495,430,766.47	310,305,270	200,073,447	16.05	12,468,784	2.52
CRYSTAL RIVER STEAM PLANT									
<i>CRYSTAL RIVER UNITS 4 AND 5</i>									
311.00	05-2034	100-R2 *	(1)	491,942,810.31	260,776,727	236,085,511	9.33	25,303,913	5.14
312.00	05-2034	55-R1 *	(3)	1,748,756,395.50	1,024,816,847	776,402,240	9.05	85,790,303	4.91
314.00	05-2034	50-R1 *	(4)	353,386,402.73	218,962,928	148,558,931	8.86	16,767,374	4.74
315.00	05-2034	70-R1.5 *	(2)	189,292,302.54	113,118,422	79,959,726	9.17	8,719,708	4.61
316.00	05-2034	45-R1 *	(1)	41,549,297.74	23,442,989	18,521,801	8.96	2,067,165	4.98
<i>TOTAL CRYSTAL RIVER UNITS 4 AND 5</i>				<u>2,824,927,208.82</u>	<u>1,641,117,914</u>	<u>1,259,528,209</u>	<u>9.08</u>	<u>138,648,463</u>	<u>4.91</u>
<i>CRYSTAL RIVER RAIL CARS</i>									
312.00	05-2034	55-R1 *	(3)	3,679,303.33	2,547,149	1,242,534	8.92	139,298	3.79
<i>TOTAL CRYSTAL RIVER RAIL CARS</i>				<u>3,679,303.33</u>	<u>2,547,149</u>	<u>1,242,534</u>	<u>8.92</u>	<u>139,298</u>	<u>3.79</u>
TOTAL CRYSTAL RIVER STEAM PLANT				2,828,606,512.15	1,643,665,063	1,260,770,743	9.08	138,787,761	4.91
TOTAL STEAM PRODUCTION PLANT				3,324,037,278.62	1,953,970,333	1,460,844,190	7.95	151,256,545	4.55
COMBINED CYCLE PRODUCTION PLANT									
BARTOW COMBINED CYCLE PLANT									
<i>BARTOW UNIT 4</i>									
341.00	06-2054	85-R1.5 *	(3)	93,720,402.36	51,298,938	45,233,077	27.82	1,625,971	1.73
342.00	06-2054	50-R1 *	(5)	45,199,468.01	23,688,627	23,770,814	25.21	942,739	2.09
343.00	06-2054	40-R0.5 *	7	429,196,967.18	66,827,715	332,325,465	23.21	14,317,436	3.34
343.10	06-2054	7-L0.5 *	40	95,956,331.77	14,543,791	43,030,008	5.64	7,633,561	7.96
344.00	06-2054	65-R1 *	(2)	44,532,239.27	(4,140,696)	49,563,580	26.95	1,839,068	4.13
345.00	06-2054	60-S0 *	(3)	40,947,935.84	13,880,162	28,296,212	25.91	1,092,297	2.67
346.00	06-2054	35-R1.5 *	(6)	32,981,650.53	5,694,422	29,266,128	25.91	1,129,738	3.43
<i>TOTAL BARTOW UNIT 4</i>				<u>782,534,994.96</u>	<u>171,792,958</u>	<u>551,485,284</u>	<u>17.40</u>	<u>28,580,810</u>	<u>3.65</u>
TOTAL BARTOW COMBINED CYCLE PLANT				782,534,994.96	171,792,958	551,485,284	17.40	28,580,810	3.65
CITRUS COMBINED CYCLE PLANT									
<i>CITRUS UNITS 1 AND 2</i>									
341.00	06-2063	85-R1.5 *	(3)	128,195,624.36	103,677,217	28,364,276	36.13	784,980	0.61
342.00	06-2063	50-R1 *	(5)	221,420,258.97	13,028,918	219,462,354	32.30	6,795,380	3.07
343.00	06-2063	40-R0.5 *	7	741,297,562.49	61,953,676	627,453,257	29.07	21,585,175	2.91
343.10	06-2063	7-L0.5 *	40	183,280,962.27	18,257,079	91,711,499	4.96	18,489,586	10.09
344.00	06-2063	65-R1 *	(2)	16,200,754.81	15,449,583	1,075,187	34.23	31,412	0.19
345.00	06-2063	60-S0 *	(3)	121,897,707.10	30,240,468	95,314,170	33.28	2,863,623	2.35
346.00	06-2063	35-R1.5 *	(6)	6,228,549.19	6,297,979	304,283	33.28	9,142	0.15
<i>TOTAL CITRUS UNITS 1 AND 2</i>				<u>1,418,521,419.19</u>	<u>248,904,720</u>	<u>1,063,685,026</u>	<u>19.98</u>	<u>50,559,298</u>	<u>3.56</u>
TOTAL CITRUS COMBINED CYCLE PLANT				1,418,521,419.19	248,904,720	1,063,685,026	19.98	50,559,298	3.56

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

**DUKE ENERGY FLORIDA
OPC PROPOSED**

TABLE 1. SUMMARY OF PROBABLE RETIREMENT DATE, ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENTS, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL ACCRUAL RATES AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE (1)	SURVIVOR CURVE (2)	NET SALVAGE (3)	ORIGINAL COST AS OF DECEMBER 31, 2024 (4)	BOOK DEPRECIATION RESERVE (5)	FUTURE ACCRUALS (6)=(100%-(3))x(4)-(5)	COMPOSITE REMAINING LIFE (7)	ANNUAL DEPRECIATION ACCRUALS (8)=(6)/(7)	ANNUAL DEPRECIATION RATE (9)=(8)/(4)
OSPREY COMBINED CYCLE PLANT									
<i>OSPREY ENERGY CENTER</i>									
341.00	06-2049	85-R1.5 *	(3)	90,271,971.20	42,640,950	50,339,180	23.45	2,146,588	2.38
342.00	06-2049	50-R1 *	(5)	14,540,305.99	8,238,264	7,029,057	21.24	330,902	2.28
343.00	06-2049	40-R0.5 *	7	185,111,622.50	86,887,630	85,266,179	19.78	4,310,278	2.33
343.10	06-2049	7-L0.5 *	40	58,678,433.74	21,356,554	13,850,506	3.53	3,928,339	6.69
344.00	06-2049	65-R1 *	(2)	33,184,504.84	16,656,177	17,192,018	22.42	766,756	2.31
345.00	06-2049	60-S0 *	(3)	42,994,257.49	24,548,565	19,735,520	21.71	908,960	2.11
346.00	06-2049	35-R1.5 *	(6)	9,901,465.48	4,686,134	5,809,420	21.71	267,565	2.70
<i>TOTAL OSPREY ENERGY CENTER</i>				<u>434,682,561.24</u>	<u>205,014,273</u>	<u>199,221,880</u>	<u>13.74</u>	<u>12,659,388</u>	<u>2.91</u>
TOTAL OSPREY COMBINED CYCLE PLANT				434,682,561.24	205,014,273	199,221,880	13.74	12,659,388	2.91
HINES ENERGY COMBINED CYCLE PLANT									
<i>HINES ENERGY COMPLEX UNIT 1</i>									
341.00	06-2044	85-R1.5 *	(3)	68,493,890.37	33,743,452	36,805,255	18.83	1,954,111	2.85
342.00	06-2044	50-R1 *	(5)	19,474,758.27	14,652,731	5,795,766	17.43	332,534	1.71
343.00	06-2044	40-R0.5 *	7	214,754,508.30	70,352,127	129,369,566	16.89	7,659,518	3.57
343.10	06-2044	7-L0.5 *	40	91,643,841.96	19,580,222	35,406,083	4.06	8,726,469	9.52
344.00	06-2044	65-R1 *	(2)	48,657,531.65	32,047,267	17,583,415	18.12	970,596	1.99
345.00	06-2044	60-S0 *	(3)	59,828,131.76	22,943,438	38,679,538	18.28	2,116,338	3.54
346.00	06-2044	35-R1.5 *	(6)	11,510,368.97	3,197,512	9,003,480	18.28	492,622	4.28
<i>TOTAL HINES ENERGY COMPLEX UNIT 1</i>				<u>514,363,031.28</u>	<u>196,516,749</u>	<u>272,643,103</u>	<u>10.43</u>	<u>22,252,188</u>	<u>4.33</u>
<i>HINES ENERGY COMPLEX UNIT 2</i>									
341.00	06-2048	85-R1.5 *	(3)	21,325,632.99	14,478,147	7,487,255	22.47	333,222	1.56
342.00	06-2048	50-R1 *	(5)	12,989,944.47	7,677,656	5,961,785	20.39	292,442	2.25
343.00	06-2048	40-R0.5 *	7	110,382,487.52	16,759,063	85,896,650	19.45	4,415,683	4.00
343.10	06-2048	7-L0.5 *	40	66,184,577.50	6,460,399	33,250,348	4.16	7,985,902	12.07
344.00	06-2048	65-R1 *	(2)	37,907,796.52	16,701,978	21,963,974	21.57	1,018,465	2.69
345.00	06-2048	60-S0 *	(3)	19,333,719.67	8,234,157	11,679,574	20.99	556,323	2.88
346.00	06-2048	35-R1.5 *	(6)	3,052,178.75	1,519,120	1,716,189	20.99	81,746	2.68
<i>TOTAL HINES ENERGY COMPLEX UNIT 2</i>				<u>271,176,337.42</u>	<u>71,830,522</u>	<u>167,955,775</u>	<u>10.51</u>	<u>14,683,783</u>	<u>5.41</u>
<i>HINES ENERGY COMPLEX UNIT 3</i>									
341.00	06-2050	85-R1.5 *	(3)	11,336,174.87	7,270,297	4,405,963	24.27	181,566	1.60
342.00	06-2045	50-R1 *	(5)	15,089,457.52	10,319,149	5,524,781	22.00	251,170	1.66
343.00	06-2045	40-R0.5 *	7	128,203,896.82	26,505,555	92,724,070	20.70	4,479,433	3.49
343.10	06-2045	7-L0.5 *	40	15,094,251.97	4,037,886	5,018,666	4.65	1,078,291	7.14
344.00	06-2045	65-R1 *	(2)	54,825,570.98	32,522,285	23,399,797	23.27	1,005,472	1.83
345.00	06-2045	60-S0 *	(3)	23,403,938.11	15,250,305	8,855,752	22.50	393,610	1.68
346.00	06-2045	35-R1.5 *	(6)	2,666,136.13	1,010,375	1,815,729	22.50	80,703	3.03
<i>TOTAL HINES ENERGY COMPLEX UNIT 3</i>				<u>250,619,426.40</u>	<u>96,915,851</u>	<u>141,744,758</u>	<u>16.34</u>	<u>7,470,245</u>	<u>2.98</u>
<i>HINES ENERGY COMPLEX UNIT 4</i>									
341.00	06-2052	85-R1.5 *	(3)	15,099,834.63	7,908,846	7,643,984	26.16	292,172	1.93
342.00	06-2052	50-R1 *	(5)	7,787,851.96	4,401,019	3,776,226	23.61	159,963	2.05
343.00	06-2052	40-R0.5 *	7	153,428,720.80	43,618,239	99,070,472	22.29	4,444,290	2.90
343.10	06-2052	7-L0.5 *	40	57,837,107.77	9,872,050	24,830,215	4.58	5,427,277	9.38
344.00	06-2052	65-R1 *	(2)	47,487,798.71	19,319,277	29,118,278	24.97	1,166,325	2.46
345.00	06-2052	60-S0 *	(3)	26,914,929.67	12,940,118	14,782,259	24.26	609,401	2.26
346.00	06-2052	35-R1.5 *	(6)	8,174,447.90	2,493,513	6,171,402	24.26	254,417	3.11
<i>TOTAL HINES ENERGY COMPLEX UNIT 4</i>				<u>316,730,691.44</u>	<u>100,553,062</u>	<u>185,392,836</u>	<u>13.82</u>	<u>12,353,845</u>	<u>3.90</u>
TOTAL HINES ENERGY COMBINED CYCLE PLANT				1,352,889,486.54	465,816,183	767,736,472	11.96	56,760,061	4.20
TIGER BAY COGENERATION									
<i>TIGER BAY COGENERATION</i>									

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

**DUKE ENERGY FLORIDA
OPC PROPOSED**

TABLE 1. SUMMARY OF PROBABLE RETIREMENT DATE, ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENTS, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE (1)	SURVIVOR CURVE (2)	NET SALVAGE (3)	ORIGINAL COST AS OF DECEMBER 31, 2024 (4)	BOOK DEPRECIATION RESERVE (5)	FUTURE ACCRUALS (6)=(100%-(3))x(4)-(5)	COMPOSITE REMAINING LIFE (7)	ANNUAL DEPRECIATION ACCRUALS (8)=(6)/(7)	ANNUAL DEPRECIATION RATE (9)=(8)/(4)
341.00 STRUCTURES AND IMPROVEMENTS	06-2040	85-R1.5 *	(3)	12,006,530.32	8,106,913	4,259,813	26.67	159,713	1.33
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORI	06-2040	50-R1 *	(5)	5,651,591.32	1,779,901	4,154,270	14.51	286,361	5.07
343.00 PRIME MOVERS - GENERAL	06-2040	40-R0.5 *	7	31,070,538.39	8,354,183	20,541,418	13.83	1,485,277	4.78
343.10 PRIME MOVERS - ROTABLE PARTS	06-2040	7-L0.5 *	40	23,463,898.76	4,677,274	9,401,066	2.67	3,515,516	14.98
344.00 GENERATORS	06-2040	65-R1 *	(2)	10,850,295.54	3,629,662	7,437,640	14.66	507,470	4.68
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2040	60-S0 *	(3)	9,033,735.87	3,371,715	5,933,033	14.62	405,859	4.49
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2040	35-R1.5 *	(6)	1,745,446.32	1,142,887	707,286	14.62	48,383	2.77
TOTAL TIGER BAY COGENERATION				93,822,036.52	31,062,534	52,434,526	6.70	6,408,579	6.83
TOTAL TIGER BAY COGENERATION				93,822,036.52	31,062,534	52,434,526	6.70	6,408,579	6.83
TOTAL COMBINED CYCLE PRODUCTION PLANT				4,082,450,498.45	1,122,590,669	2,634,563,188	15.36	154,968,136	3.80
SIMPLE CYCLE PRODUCTION PLANT									
BARTOW PEAKING									
<i>BARTOW UNITS 1 AND 3</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2034	85-R1.5 *	(1)	2,024,591.17	1,195,952	848,885	9.37	90,596	4.47
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORI	06-2034	50-R1 *	(3)	3,417,718.30	2,624,553	895,697	9.02	99,301	2.91
343.00 PRIME MOVERS - GENERAL	06-2034	40-R0.5 *	11	11,261,919.71	7,070,284	2,952,824	8.68	340,187	3.02
344.00 GENERATORS	06-2034	65-R1 *	(2)	4,817,918.84	4,588,373	325,904	8.96	36,373	0.75
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2034	60-S0 *	(2)	3,846,400.78	2,848,109	1,075,220	9.15	117,510	3.06
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2034	35-R1.5 *	(2)	288,160.46	189,138	104,786	8.73	12,003	4.17
TOTAL BARTOW UNITS 1 AND 3				25,656,709.26	18,516,409	6,203,316	8.86	695,970	2.71
<i>BARTOW UNITS 2 AND 4</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2027	85-R1.5 *	(1)	606,249.55	653,931	(41,619)	2.49	(16,714)	(2.76)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORI	06-2027	50-R1 *	(3)	167,146.01	181,889	(9,729)	2.45	(3,971)	(2.38)
343.00 PRIME MOVERS - GENERAL	06-2027	40-R0.5 *	11	13,744,069.55	11,321,622	910,600	2.46	370,163	2.69
344.00 GENERATORS	06-2027	65-R1 *	(2)	2,494,674.18	2,666,258	(121,691)	2.48	(49,069)	(1.97)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2027	60-S0 *	(2)	298,332.54	301,663	2,616	2.48	1,055	0.35
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2027	35-R1.5 *	(2)	4,304,654.21	1,987,053	2,403,695	2.48	969,232	22.52
TOTAL BARTOW UNITS 2 AND 4				21,615,126.04	17,112,436	3,143,872	2.47	1,270,696	5.88
TOTAL BARTOW PEAKING				47,271,835.30	35,628,845	9,347,188	3.60	1,966,666	4.16
BAYBORO PEAKING									
<i>BAYBORO UNITS 1 THROUGH 4</i>									
341.00 STRUCTURES AND IMPROVEMENTS	09-2026	85-R1.5 *	(1)	2,000,348.95	2,229,879	(209,527)	1.75	(119,730)	(5.99)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORI	09-2026	50-R1 *	(3)	1,918,698.73	2,185,811	(209,551)	1.73	(121,128)	(6.31)
343.00 PRIME MOVERS - GENERAL	09-2026	40-R0.5 *	11	17,747,817.33	17,612,712	(1,817,155)	1.72	(1,056,485)	(5.95)
344.00 GENERATORS	09-2026	65-R1 *	(2)	3,896,002.33	4,441,323	(467,401)	1.74	(268,621)	(6.89)
345.00 ACCESSORY ELECTRIC EQUIPMENT	09-2026	60-S0 *	(2)	1,512,283.31	1,680,526	(117,997)	1.74	(67,814)	(4.48)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	09-2026	35-R1.5 *	(2)	577,277.04	633,182	(44,359)	1.73	(25,641)	(4.44)
TOTAL BAYBORO UNITS 1 THROUGH 4				27,652,427.69	28,763,434	(2,865,990)	1.72	(1,659,419)	(6.00)
TOTAL BARTOW PEAKING				27,652,427.69	28,763,434	(2,865,990)	1.72	(1,659,419)	(6.00)
DEBARY PEAKING									
<i>DEBARY UNITS 2 THROUGH 6</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2027	85-R1.5 *	(1)	6,210,264.52	6,636,104	(363,737)	2.49	(146,079)	(2.35)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORI	06-2027	50-R1 *	(3)	10,282,898.23	11,113,945	(522,560)	2.46	(212,423)	(2.07)
343.00 PRIME MOVERS - GENERAL	06-2027	40-R0.5 *	11	26,653,742.68	25,828,710	(2,106,879)	2.42	(870,611)	(3.27)
344.00 GENERATORS	06-2027	65-R1 *	(2)	7,868,742.04	9,130,226	(1,104,110)	2.47	(447,008)	(5.68)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2027	60-S0 *	(2)	7,007,923.65	7,516,326	(368,244)	2.47	(149,087)	(2.13)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2027	35-R1.5 *	(2)	1,489,071.94	1,466,156	52,697	2.45	21,509	1.44
TOTAL DEBARY UNITS 2 THROUGH 6				59,572,643.06	61,691,468	(4,412,833)	2.49	(1,803,699)	(3.03)

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

**DUKE ENERGY FLORIDA
OPC PROPOSED**

TABLE 1. SUMMARY OF PROBABLE RETIREMENT DATE, ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENTS, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	
	(1)	(2)	(3)	(4)	(5)	(6)=(100%-3)x(4)-(5)	(7)	(8)=(6)/(7)	(9)=(8)/(4)	
<i>DEBARY UNITS 7 THROUGH 10</i>										
341.00	STRUCTURES AND IMPROVEMENTS	06-2037	85-R1.5 *	(1)	7,382,724.97	4,162,765	3,293,788	12.25	268,881	3.64
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORI	06-2037	50-R1 *	(3)	7,691,276.44	6,049,086	1,872,929	11.51	162,722	2.12
343.00	PRIME MOVERS - GENERAL	06-2037	40-R0.5 *	11	77,093,329.41	46,856,736	21,756,327	11.13	1,954,746	2.54
343.10	PRIME MOVERS - ROTABLE PARTS	06-2037	7-L0.5 *	38	3,349,494.52	287,773	1,788,914	6.06	295,200	8.81
344.00	GENERATORS	06-2037	65-R1 *	(2)	19,827,030.40	15,838,674	4,384,897	11.89	368,789	1.86
345.00	ACCESSORY ELECTRIC EQUIPMENT	06-2037	60-S0 *	(2)	7,731,185.34	4,799,980	3,085,829	11.94	258,445	3.34
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	06-2037	35-R1.5 *	(2)	1,136,152.60	802,608	356,268	10.84	32,866	2.89
<i>TOTAL DEBARY UNITS 7 THROUGH 10</i>					<u>124,211,193.68</u>	<u>78,797,622</u>	<u>36,538,952</u>	<u>10.80</u>	<u>3,341,649</u>	<u>2.69</u>
TOTAL DEBARY PEAKING					183,723,836.74	140,489,090	32,126,119	8.62	1,537,950	0.84
<i>INTERCESSION CITY PEAKING</i>										
<i>INTERCESSION CITY UNITS 1 THROUGH 6</i>										
341.00	STRUCTURES AND IMPROVEMENTS	06-2034	85-R1.5 *	(1)	6,460,210.45	4,101,970	2,422,843	9.36	258,851	4.01
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORI	06-2034	50-R1 *	(3)	6,218,886.58	3,867,259	2,538,194	9.11	278,616	4.48
343.00	PRIME MOVERS - GENERAL	06-2034	40-R0.5 *	11	30,598,075.01	19,727,347	7,504,940	8.66	866,621	2.83
344.00	GENERATORS	06-2034	65-R1 *	(2)	6,033,618.14	3,925,365	2,228,926	9.21	242,012	4.01
345.00	ACCESSORY ELECTRIC EQUIPMENT	06-2034	60-S0 *	(2)	6,260,250.93	4,536,971	1,848,484	9.17	201,579	3.22
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	06-2034	35-R1.5 *	(2)	1,918,301.38	1,278,240	678,427	8.86	76,572	3.99
<i>TOTAL INTERCESSION CITY UNITS 1 THROUGH 6</i>					<u>57,489,342.49</u>	<u>37,437,152</u>	<u>17,221,814</u>	<u>8.93</u>	<u>1,924,251</u>	<u>3.35</u>
<i>INTERCESSION CITY UNITS 7 THROUGH 10</i>										
341.00	STRUCTURES AND IMPROVEMENTS	06-2038	85-R1.5 *	(1)	10,458,627.44	8,105,928	2,457,285	13.10	187,579	1.79
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORI	06-2038	50-R1 *	(3)	8,223,597.18	6,209,092	2,261,213	12.35	183,094	2.23
343.00	PRIME MOVERS - GENERAL	06-2038	40-R0.5 *	11	79,743,189.19	41,930,233	29,041,205	12.06	2,408,060	3.02
343.10	PRIME MOVERS - ROTABLE PARTS	06-2038	7-L0.5 *	38	6,316,102.71	1,014,050	2,901,933	5.46	531,490	8.41
344.00	GENERATORS	06-2038	65-R1 *	(2)	18,478,191.88	14,174,698	4,673,058	12.80	365,083	1.98
345.00	ACCESSORY ELECTRIC EQUIPMENT	06-2038	60-S0 *	(2)	7,326,245.55	4,971,355	2,501,415	12.73	196,498	2.68
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	06-2038	35-R1.5 *	(2)	1,091,865.99	761,520	352,183	11.45	30,758	2.82
<i>TOTAL INTERCESSION CITY UNITS 7 THROUGH 10</i>					<u>131,637,819.94</u>	<u>77,166,878</u>	<u>44,188,292</u>	<u>11.56</u>	<u>3,902,562</u>	<u>2.96</u>
<i>INTERCESSION CITY UNIT 11</i>										
341.00	STRUCTURES AND IMPROVEMENTS	06-2042	85-R1.5 *	(1)	2,123,396.81	1,469,563	675,067	16.85	40,063	1.89
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORI	06-2042	50-R1 *	(3)	1,930,623.85	1,403,422	585,121	15.45	37,872	1.96
343.00	PRIME MOVERS - GENERAL	06-2042	40-R0.5 *	11	25,196,412.69	13,761,522	8,663,285	14.81	584,962	2.32
344.00	GENERATORS	06-2042	65-R1 *	(2)	4,183,183.34	3,036,191	1,230,656	16.26	75,686	1.81
345.00	ACCESSORY ELECTRIC EQUIPMENT	06-2042	60-S0 *	(2)	4,785,400.55	3,460,591	1,420,518	15.77	90,077	1.88
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	06-2042	35-R1.5 *	(2)	257,487.22	160,773	101,864	14.33	7,108	2.76
<i>TOTAL INTERCESSION CITY UNIT 11</i>					<u>38,476,504.46</u>	<u>23,292,062</u>	<u>12,676,511</u>	<u>15.23</u>	<u>835,768</u>	<u>2.17</u>
<i>INTERCESSION CITY UNITS 12 THROUGH 14</i>										
341.00	STRUCTURES AND IMPROVEMENTS	06-2045	85-R1.5 *	(1)	1,569,822.33	908,921	676,600	19.68	34,380	2.19
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORI	06-2045	50-R1 *	(3)	5,206,204.18	2,844,942	2,517,449	18.28	137,716	2.65
343.00	PRIME MOVERS - GENERAL	06-2045	40-R0.5 *	11	65,026,103.12	26,430,668	31,442,564	17.35	1,812,252	2.79
343.10	PRIME MOVERS - ROTABLE PARTS	06-2045	7-L0.5 *	38	1,410,035.11	169,133	705,088	5.88	119,913	8.50
344.00	GENERATORS	06-2045	65-R1 *	(2)	17,766,619.90	10,633,036	7,488,916	18.98	394,569	2.22
345.00	ACCESSORY ELECTRIC EQUIPMENT	06-2045	60-S0 *	(2)	9,840,894.39	5,174,002	4,863,710	18.72	259,814	2.64
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	06-2045	35-R1.5 *	(2)	158,572.66	65,283	96,461	17.75	5,434	3.43
<i>TOTAL INTERCESSION CITY UNITS 12 THROUGH 14</i>					<u>100,978,251.69</u>	<u>46,225,986</u>	<u>47,790,788</u>	<u>17.27</u>	<u>2,764,078</u>	<u>2.74</u>
TOTAL INTERCESSION CITY PEAKING					328,581,918.58	184,122,077	121,877,405	12.75	9,426,659	2.87
<i>SUWANNEE RIVER PEAKING</i>										
<i>SUWANNEE RIVER UNITS 1 THROUGH 3</i>										
341.00	STRUCTURES AND IMPROVEMENTS	06-2034	85-R1.5 *	(1)	7,469,390.35	3,834,736	3,709,348	9.38	395,453	5.29
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORI	06-2034	50-R1 *	(3)	7,575,734.49	5,749,131	2,053,876	9.02	227,702	3.01
343.00	PRIME MOVERS - GENERAL	06-2034	40-R0.5 *	11	29,049,006.77	18,530,212	7,323,404	8.62	849,583	2.92
344.00	GENERATORS	06-2034	65-R1 *	(2)	7,189,869.25	5,148,026	2,185,641	9.19	37,828	3.31
345.00	ACCESSORY ELECTRIC EQUIPMENT	06-2034	60-S0 *	(2)	6,570,026.31	4,059,148	2,642,279	9.23	286,271	4.36

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA
OPC PROPOSED

TABLE 1. SUMMARY OF PROBABLE RETIREMENT DATE, ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENTS, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE
	(1)	(2)	(3)	(4)	(5)	(6)=(100%-(3))x(4)-(5)	(7)	(8)=(6)/(7)	(9)=(8)/(4)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2034	35-R1.5 *	(2)	2,247,634.80	1,160,496	1,132,092	9.04	125,231	5.57
TOTAL SUWANNEE RIVER UNITS 1 THROUGH 3				60,101,661.97	38,481,748	19,046,640	8.95	2,122,068	3.53
TOTAL SUWANNEE RIVER PEAKING				60,101,661.97	38,481,748	19,046,640	8.95	2,122,068	3.53
UNIVERSITY OF FLORIDA COGENERATION									
<i>UNIVERSITY OF FLORIDA COGENERATION</i>									
341.00 STRUCTURES AND IMPROVEMENTS	10-2041	85-R1.5 *	(1)	8,662,876.52	5,154,337	3,595,168	16.32	220,292	2.54
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORI	10-2041	50-R1 *	(3)	6,655,241.88	4,441,753	2,413,146	15.12	159,600	2.40
343.00 PRIME MOVERS - GENERAL	10-2041	40-R0.5 *	11	32,206,792.65	12,166,534	16,497,511	14.88	1,108,704	3.44
344.00 GENERATORS	10-2041	65-R1 *	(2)	5,811,572.48	2,823,555	3,104,249	15.97	194,380	3.34
345.00 ACCESSORY ELECTRIC EQUIPMENT	10-2041	60-S0 *	(2)	6,393,743.95	4,194,131	2,327,488	15.50	150,161	2.35
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	10-2041	35-R1.5 *	(2)	1,566,762.66	963,433	634,665	13.55	46,839	2.99
TOTAL UNIVERSITY OF FLORIDA COGENERATION				61,296,989.94	29,743,743	28,572,227	15.13	1,879,976	3.07
TOTAL UNIVERSITY OF FLORIDA COGENERATION				61,296,989.94	29,743,743	28,572,227	15.13	1,879,976	3.07
TOTAL SIMPLE CYCLE PRODUCTION PLANT				708,628,670.22	457,228,937	208,103,589	8.64	15,273,900	2.16
SOLAR PRODUCTION PLANT									
<i>OSCEOLA</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2046	SQUARE *	0	85,628.96	24,255	61,374	21.51	2,853	3.33
344.66 GENERATORS - SOLAR	06-2046	SQUARE *	0	6,419,235.56	1,527,160	4,892,076	21.52	227,327	3.54
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2046	SQUARE *	0	1,106,226.34	260,386	845,841	21.52	39,305	3.55
TOTAL OSCEOLA				7,611,090.86	1,811,800	5,799,291	21.52	269,485	3.54
<i>PERRY</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2046	SQUARE *	0	346,780.78	62,489	284,292	21.52	13,211	3.81
344.66 GENERATORS - SOLAR	06-2046	SQUARE *	0	9,270,669.08	2,535,329	6,735,340	21.52	312,980	3.38
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2046	SQUARE *	0	1,495,673.04	319,683	1,175,990	21.52	54,646	3.65
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT -	06-2046	SQUARE *	0	14,558.00	3,440	11,118	21.49	517	3.55
TOTAL PERRY				11,127,680.90	2,920,940	8,206,740	21.52	381,354	3.43
<i>HAMILTON</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2048	SQUARE *	0	2,579,609.22	510,053	2,069,556	23.52	87,991	3.41
344.66 GENERATORS - SOLAR	06-2048	SQUARE *	0	97,250,268.38	19,572,646	77,677,622	23.52	3,302,620	3.40
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2048	SQUARE *	0	10,772,233.22	1,881,141	8,891,092	23.52	378,023	3.51
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT -	06-2048	SQUARE *	0	73,504.54	105,217	(31,713)	23.49	(1,350)	(1.84)
TOTAL HAMILTON				110,675,615.36	22,069,058	88,606,557	23.52	3,767,284	3.40
<i>SUWANNEE</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2047	SQUARE *	0	60,101.96	14,133	45,969	22.52	2,041	3.40
344.66 GENERATORS - SOLAR	06-2047	SQUARE *	0	14,110,951.20	3,484,481	10,626,470	22.52	471,868	3.34
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2047	SQUARE *	0	2,543,836.04	457,988	2,085,848	22.52	92,622	3.64
TOTAL SUWANNEE				16,714,889.20	3,956,602	12,758,287	22.52	566,531	3.39
<i>DEBARY</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2050	SQUARE *	0	2,406,595.22	565,428	1,841,168	25.53	72,118	3.00
344.66 GENERATORS - SOLAR	06-2050	SQUARE *	0	74,033,927.89	10,971,830	63,062,098	25.53	2,470,117	3.34
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2050	SQUARE *	0	10,721,272.50	1,836,370	8,884,902	25.53	348,018	3.25
TOTAL DEBARY				87,161,795.61	13,373,628	73,788,168	25.53	2,890,253	3.32
<i>LAKE PLACID</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2049	SQUARE *	0	2,613,404.17	430,102	2,183,302	24.52	89,042	3.41
344.66 GENERATORS - SOLAR	06-2049	SQUARE *	0	45,157,987.58	7,696,433	37,461,555	24.52	1,527,796	3.38
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2049	SQUARE *	0	11,603,522.09	1,819,703	9,783,819	24.52	399,014	3.44
TOTAL LAKE PLACID				59,374,913.84	9,946,238	49,428,676	24.52	2,015,852	3.40
<i>TRENTON</i>									

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA
OPC PROPOSED

TABLE 1. SUMMARY OF PROBABLE RETIREMENT DATE, ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENTS, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	
	(1)	(2)	(3)	(4)	(5)	(6)=(100%-(3))x(4)-(5)	(7)	(8)=(6)/(7)	(9)=(8)/(4)	
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2049	SQUARE *	0	6,242,044.90	1,032,699	5,209,346	24.52	212,453	3.40	
344.66 GENERATORS - SOLAR	06-2049	SQUARE *	0	75,345,223.17	13,121,635	62,223,588	24.52	2,537,667	3.37	
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2049	SQUARE *	0	15,840,878.87	2,183,325	13,657,554	24.52	556,996	3.52	
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT -	06-2049	SQUARE *	0	64,881.13	5,499	59,382	24.52	2,422	3.73	
TOTAL TRENTON				97,493,028.07	16,343,158	81,149,870	24.52	3,309,538	3.39	
COLUMBIA										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2050	SQUARE *	0	8,690,697.13	993,144	7,697,553	25.53	301,510	3.47	
344.66 GENERATORS - SOLAR	06-2050	SQUARE *	0	87,196,878.11	13,937,474	73,259,404	25.53	2,869,542	3.29	
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2050	SQUARE *	0	8,985,123.89	1,419,889	7,565,235	25.52	296,443	3.30	
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT -	06-2050	SQUARE *	0	10,573.15	1,385	9,188	25.52	360	3.40	
TOTAL COLUMBIA				104,883,272.28	16,351,892	88,531,380	25.53	3,467,855	3.31	
DUETTE										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2056	SQUARE *	0	6,931,894.09	970,099	5,961,796	31.50	189,263	2.73	
344.66 GENERATORS - SOLAR	06-2056	SQUARE *	0	83,728,381.62	8,482,336	75,246,046	31.50	2,388,763	2.85	
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2056	SQUARE *	0	7,251,594.77	1,013,419	6,238,176	31.50	198,037	2.73	
TOTAL DUETTE				97,911,870.48	10,465,853	87,446,018	26.53	2,776,063	2.84	
SANTA FE										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2056	SQUARE *	0	10,043,404.40	1,455,113	8,588,291	31.50	272,644	2.71	
344.66 GENERATORS - SOLAR	06-2056	SQUARE *	0	84,537,374.36	10,233,025	74,304,349	31.50	2,358,868	2.79	
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2056	SQUARE *	0	8,805,821.91	1,275,809	7,530,013	31.50	239,048	2.71	
TOTAL SANTA FE				103,386,600.67	12,963,948	90,422,653	26.53	2,870,560	2.78	
TWIN RIVERS										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2056	SQUARE *	0	7,305,874.14	1,080,887	6,224,987	31.50	197,619	2.70	
344.66 GENERATORS - SOLAR	06-2056	SQUARE *	0	67,787,978.36	7,084,700	60,703,279	31.50	1,927,088	2.84	
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2056	SQUARE *	0	19,089,172.67	2,824,198	16,264,975	31.50	516,348	2.70	
TOTAL TWIN RIVERS				94,183,025.17	10,989,785	83,193,241	26.53	2,641,055	2.80	
ST PETE PIER										
344.66 GENERATORS - SOLAR	06-2049	SQUARE *	0	1,452,082.97	222,865	1,229,218	24.52	50,131	3.45	
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2049	SQUARE *	0	93,671.18	14,377	79,295	24.52	3,234	3.45	
TOTAL ST PETE PIER				1,545,754.15	237,242	1,308,513	24.52	53,365	3.45	
BAY TRAIL										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2057	SQUARE *	0	13,057,220.46	1,044,332	12,012,888	32.50	369,627	2.83	
344.66 GENERATORS - SOLAR	06-2057	SQUARE *	0	67,565,184.36	5,403,944	62,161,241	32.50	1,912,654	2.83	
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2057	SQUARE *	0	26,988,429.25	2,158,567	24,829,863	32.50	763,996	2.83	
TOTAL BAY TRAIL				107,610,834.07	8,606,842	99,003,992	27.53	3,046,277	2.83	
FORT GREEN										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2057	SQUARE *	0	10,321,964.99	856,466	9,465,499	32.50	291,246	2.82	
344.66 GENERATORS - SOLAR	06-2057	SQUARE *	0	86,882,074.88	7,209,046	79,673,029	32.50	2,451,478	2.82	
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2057	SQUARE *	0	9,050,057.31	750,929	8,299,128	32.50	255,358	2.82	
TOTAL FORT GREEN				106,254,097.18	8,816,440	97,437,656	27.53	2,998,082	2.82	
SANDY CREEK										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2057	SQUARE *	0	8,845,437.26	735,011	8,110,426	32.50	249,552	2.82	
344.66 GENERATORS - SOLAR	06-2057	SQUARE *	0	74,453,841.01	6,186,737	68,267,104	32.50	2,100,526	2.82	
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2057	SQUARE *	0	7,755,472.34	644,440	7,111,032	32.50	218,801	2.82	
TOTAL SANDY CREEK				91,054,750.61	7,566,188	83,488,562	27.53	2,568,879	2.82	
CHARLIE CREEK										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2057	SQUARE *	0	9,148,229.52	698,254	8,449,975	32.50	259,999	2.84	
344.66 GENERATORS - SOLAR	06-2057	SQUARE *	0	75,166,699.80	5,716,575	69,450,125	32.50	2,136,927	2.84	
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2057	SQUARE *	0	13,760,900.37	1,050,324	12,710,576	32.50	391,095	2.84	
TOTAL CHARLIE CREEK				98,075,829.69	7,465,153	90,610,676	27.53	2,788,021	2.84	
NEW SOLAR 2023										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2058	SQUARE *	0	32,471,053.95	1,621,929	30,849,125	33.50	920,869	2.84	

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

**DUKE ENERGY FLORIDA
OPC PROPOSED**

TABLE 1. SUMMARY OF PROBABLE RETIREMENT DATE, ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENTS, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE
	(1)	(2)	(3)	(4)	(5)	(6)=(100%-(3))x(4)-(5)	(7)	(8)=(6)/(7)	(9)=(8)/(4)
344.66 GENERATORS - SOLAR	06-2058	SQUARE *	0	348,114,658.77	17,388,327	330,726,332	33.50	9,872,428	2.84
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2058	SQUARE *	0	57,085,520.56	2,851,422	54,234,099	33.50	1,618,928	2.84
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT -	06-2058	SQUARE *	0	59,941.63	2,994	56,948	33.50	1,700	2.84
TOTAL NEW SOLAR 2023				437,731,174.91	21,864,672	415,866,504	28.53	12,413,925	2.84
<i>NEW SOLAR 2024</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2059	SQUARE *	0	34,744,917.36	578,503	34,166,414	34.50	990,331	2.85
344.66 GENERATORS - SOLAR	06-2059	SQUARE *	0	372,492,222.44	6,201,996	366,290,227	34.50	10,617,108	2.85
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2059	SQUARE *	0	61,083,071.01	1,017,033	60,066,038	34.50	1,741,045	2.85
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT -	06-2059	SQUARE *	0	64,139.18	1,068	63,071	34.50	1,828	2.85
TOTAL NEW SOLAR 2024				468,384,349.99	7,798,599	460,585,750	29.53	13,350,312	2.85
348.00 BATTERY STORAGE		15-S3	0	24,055,701.49	4,774,534	19,281,167	11.50	1,676,623	6.97
TOTAL SOLAR PRODUCTION PLANT				2,125,236,274.53	188,322,573	1,936,913,701	26.48	63,851,314	3.00
TOTAL PRODUCTION PLANT				10,240,352,721.82	3,722,112,511	6,240,424,668	13.78	385,349,895	3.76
TRANSMISSION PLANT									
350.01 RIGHTS OF WAY		75-R3	0	110,259,522.28	27,889,028	82,370,494	58.12	1,417,249	1.29
352.00 STRUCTURES AND IMPROVEMENTS		75-R2.5	(15)	103,433,228.65	14,790,785	104,157,428	65.21	1,597,262	1.54
353.00 STATION EQUIPMENT		53-R0.5	(5)	2,128,150,435.41	153,886,548	2,080,671,409	47.34	43,951,656	2.07
353.01 STATION EQUIPMENT - STEP-UP TRANSFORMER		30-R1.5	(5)	109,551,715.37	29,580,705	85,448,596	18.18	4,700,143	4.29
353.02 STATION EQUIPMENT - MAJOR EQUIPMENT		30-R1.5	(5)	47,508.58	2,562	47,322	27.66	1,711	3.60
353.91 STATION EQUIPMENT - ENERGY CONTROL		30-S0.5	0	59,549,559.30	17,912,779	41,636,780	16.17	2,574,940	4.32
354.00 TOWERS AND FIXTURES		70-R3	(50)	81,443,652.60	62,975,095	59,190,384	32.54	1,819,004	2.23
355.00 POLES AND FIXTURES		50-R2	(50)	2,530,499,715.02	399,093,054	3,396,641,519	43.84	77,478,137	3.06
356.00 OVERHEAD CONDUCTORS AND DEVICES		60-R1	(50)	1,297,216,023.15	127,279,025	1,818,545,010	53.36	34,080,679	2.63
357.00 UNDERGROUND CONDUIT		55-R3	0	40,931,204.92	9,381,368	31,549,837	37.47	842,003	2.06
358.00 UNDERGROUND CONDUCTORS AND DEVICES		55-R3	0	87,773,141.49	28,482,007	59,291,134	41.57	1,426,296	1.62
359.00 ROADS AND TRAILS		75-R3	0	49,871,005.85	3,765,733	46,105,273	68.01	677,919	1.36
TOTAL TRANSMISSION PLANT				6,598,716,712.62	875,038,689	7,805,655,186	45.76	170,566,999	2.58
DISTRIBUTION PLANT									
360.01 RIGHTS OF WAY		75-R3	0	103,578,775.61	2,185,802	101,392,974	70.77	1,432,711	1.38
361.00 STRUCTURES AND IMPROVEMENTS		65-R2.5	(10)	161,141,281.83	4,730,086	172,525,324	61.05	2,825,968	1.75
362.00 STATION EQUIPMENT		50-R1	(10)	1,778,499,890.68	116,175,175	1,840,174,705	42.97	42,824,638	2.41
363.00 ENERGY STORAGE EQUIPMENT		15-S3	0	78,530,330.00	859,772	77,670,558	14.39	5,397,537	6.87
364.00 POLES, TOWERS AND FIXTURES		40-R3	(75)	1,320,474,987.40	412,919,823	1,897,911,405	30.72	61,780,970	4.68
365.00 OVERHEAD CONDUCTORS AND DEVICES		45-R1	(50)	1,593,620,482.23	225,700,032	2,164,730,692	37.57	57,618,597	3.62
365.01 OVERHEAD CONDUCTORS AND DEVICES - CLE		45-R1	(50)	12,246,452.19	1,620,896	16,748,783	42.12	397,644	3.25
366.00 UNDERGROUND CONDUIT		70-R3	(10)	538,049,416.82	91,973,443	499,880,916	56.86	8,791,434	1.63
367.00 UNDERGROUND CONDUCTORS AND DEVICES		50-R1	(15)	1,448,316,375.82	408,291,916	1,257,271,916	41.63	30,201,103	2.09
368.00 LINE TRANSFORMERS		35-R0.5	(15)	1,327,168,859.06	311,264,490	1,214,979,698	28.71	42,319,042	3.19
369.01 SERVICES - UNDERGROUND		40-R2.5	(15)	519,460,084.28	211,109,941	386,269,156	21.84	17,686,317	3.40
369.02 SERVICES - OVERHEAD		40-R2.5	(20)	169,726,707.66	11,893,212	191,778,837	37.00	5,183,212	3.05
370.00 METERS		25-R1	(10)	23,024,936.68	2,713,870	22,613,560	19.84	1,139,796	4.95
370.02 METERS - AMI		15-R2.5	(10)	393,066,775.95	137,489,229	294,884,225	11.11	26,542,234	6.75
370.70 EV CHARGERS - DC FAST CHARGERS		10-R2.5	0	4,654,831.43	930,966	3,723,865	7.70	483,619	10.39
371.00 INSTALLATIONS ON CUSTOMERS' PREMISES		25-R2	(15)	13,249,791.02	1,261,914	13,975,346	19.43	719,266	5.43
371.70 EV CHARGERS - L2 CHARGERS		7-R2.5	0	21,040,680.00	2,151,057	18,889,624	6.01	3,143,032	14.94
373.00 STREET LIGHTING AND SIGNAL SYSTEMS		25-S0	(15)	709,306,972.52	193,830,599	621,872,419	18.91	32,885,903	4.64
TOTAL DISTRIBUTION PLANT				10,215,157,631.18	2,137,102,221	10,797,294,003	31.36	341,373,023	3.34
GENERAL PLANT									
390.00 STRUCTURES AND IMPROVEMENTS		35-R0.5	(5)	423,332,086.45	80,193,964	364,304,727	29.70	12,266,152	2.90

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

**DUKE ENERGY FLORIDA
OPC PROPOSED**

TABLE 1. SUMMARY OF PROBABLE RETIREMENT DATE, ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENTS, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE (1)	SURVIVOR CURVE (2)	NET SALVAGE (3)	ORIGINAL COST AS OF DECEMBER 31, 2024 (4)	BOOK DEPRECIATION RESERVE (5)	FUTURE ACCRUALS (6)=(100%-(3))x(4)-(5)	COMPOSITE REMAINING LIFE (7)	ANNUAL DEPRECIATION ACCRUALS (8)=(6)/(7)	ANNUAL DEPRECIATION RATE (9)=(8)/(4)
392.10 PASSENGER CARS		9-R3	20	3,097,901.07	2,054,887	423,434	7.09	59,723	1.93
392.20 LIGHT TRUCKS		9-S3	20	4,363,690.20	1,390,489	2,100,464	6.15	341,539	7.83
392.30 HEAVY TRUCKS		12-S2	20	26,894,062.38	16,225,972	5,289,278	4.39	1,204,847	4.48
392.40 SPECIAL TRUCKS		15-L2.5	20	21,123,427.58	12,317,878	4,580,864	5.80	789,804	3.74
392.50 TRAILERS		22-S0	0	22,907,475.55	8,630,642	14,276,834	15.01	951,155	4.15
396.00 POWER OPERATED EQUIPMENT		18-L1.5	5	20,577,047.69	6,304,397	13,243,799	13.11	1,010,206	4.91
TOTAL GENERAL PLANT				522,295,690.92	127,118,227	404,219,400	24.32	16,623,426	3.18
TOTAL TRANSMISSION, DISTRIBUTION AND GENERAL PLANT				17,336,170,034.72	3,139,259,137	19,007,168,589	35.77	528,563,448	3.05
TOTAL DEPRECIABLE PLANT				27,576,522,756.54	6,861,371,648	25,247,593,257	25.50	913,913,343	3.31

* CURVE SHOWN IS INTERIM SURVIVOR CURVE. LIFE SPAN METHOD IS USED.

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

TABLE 2. COMPARISON OF REMAINING LIFE ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
 BASED ON CURRENT AND DEF AND OPC PROPOSED DEPRECIATION RATES

ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	CURRENT APPROVED		DEF PROPOSED			OPC PROPOSED			
		ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	DEF DIFFERENCE FROM CURRENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	OPC DIFFERENCE FROM CURRENT	OPC DIFFERENCE FROM DEF
STEAM PRODUCTION PLANT										
ANCLOTE STEAM PLANT										
<i>ANCLOTE UNITS 1 AND 2</i>										
311.00 STRUCTURES AND IMPROVEMENTS	47,582,599.77	423,485	0.89	4,639,090	9.75	4,215,605	1,218,237	2.56	794,752	(3,420,853)
312.00 BOILER PLANT EQUIPMENT	232,566,150.49	24,117,110	10.37	20,511,700	8.82	(3,605,410)	5,779,203	2.48	(18,337,907)	(14,732,497)
314.00 TURBOGENERATOR UNITS	164,605,220.27	12,592,299	7.65	15,088,560	9.17	2,496,261	4,347,330	2.64	(8,244,969)	(10,741,230)
315.00 ACCESSORY ELECTRIC EQUIPMENT	40,416,326.37	2,222,898	5.50	3,207,562	7.94	984,664	888,488	2.20	(1,334,410)	(2,319,074)
316.00 MISCELLANEOUS POWER PLANT EQUIPMENT	10,260,469.57	567,404	5.53	819,502	7.99	252,098	235,526	2.30	(331,878)	(583,976)
TOTAL ANCLOTE UNITS 1 AND 2	495,430,766.47	39,923,196	8.06	44,266,414	8.93	4,343,218	12,468,784	2.52	(27,454,412)	(31,797,630)
TOTAL ANCLOTE STEAM PLANT	495,430,766.47	39,923,196	8.06	44,266,414	8.93	4,343,218	12,468,784	2.52	(27,454,412)	(31,797,630)
CRYSTAL RIVER STEAM PLANT										
<i>CRYSTAL RIVER UNITS 4 AND 5</i>										
311.00 STRUCTURES AND IMPROVEMENTS	491,942,810.31	18,988,992	3.86	25,303,913	5.14	6,314,921	25,303,913	5.14	6,314,921	-
312.00 BOILER PLANT EQUIPMENT	1,748,756,395.50	86,913,193	4.97	83,857,975	4.80	(3,055,218)	85,790,303	4.91	(1,122,890)	1,932,328
314.00 TURBOGENERATOR UNITS	353,386,402.73	18,270,077	5.17	16,368,518	4.63	(1,901,559)	16,767,374	4.74	(1,502,703)	398,856
315.00 ACCESSORY ELECTRIC EQUIPMENT	189,292,302.54	8,480,295	4.48	8,513,283	4.50	32,988	8,719,708	4.61	239,413	206,425
316.00 MISCELLANEOUS POWER PLANT EQUIPMENT	41,549,297.74	2,285,211	5.50	2,067,165	4.98	(218,046)	2,067,165	4.98	(218,046)	-
TOTAL CRYSTAL RIVER UNITS 4 AND 5	2,824,927,208.82	134,937,768	4.78	136,110,854	4.82	1,173,086	138,648,463	4.91	3,710,695	2,537,609
<i>CRYSTAL RIVER RAIL CARS</i>										
312.00 BOILER PLANT EQUIPMENT	3,679,303.33	-	0.00	135,173	3.67	135,173	139,298	3.79	139,298	4,125
TOTAL CRYSTAL RIVER RAIL CARS	3,679,303.33	-	0.00	135,173	3.67	135,173	139,298	3.79	139,298	4,125
TOTAL CRYSTAL RIVER STEAM PLANT	2,824,927,208.82	134,937,768	4.78	136,110,854	4.82	1,173,086	138,787,761	4.91	3,849,993	2,676,907
TOTAL STEAM PRODUCTION PLANT	3,324,037,278.62	174,860,964	5.26	180,512,441	5.43	5,651,477	151,256,545	4.55	(23,604,419)	(29,255,896)
COMBINED CYCLE PRODUCTION PLANT										
BARTOW COMBINED CYCLE PLANT										
<i>BARTOW UNIT 4</i>										
341.00 STRUCTURES AND IMPROVEMENTS	93,720,402.36	4,076,838	4.35	1,934,691	2.06	(2,142,147)	1,625,971	1.73	(2,450,867)	(308,720)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	45,199,468.01	3,118,763	6.90	1,097,959	2.43	(2,020,804)	942,739	2.09	(2,176,024)	(155,220)
343.00 PRIME MOVERS - GENERAL	429,196,967.18	13,905,982	3.24	17,859,500	4.16	3,953,518	14,317,436	3.34	411,454	(3,542,064)
343.10 PRIME MOVERS - ROTABLE PARTS	95,956,331.77	14,124,772	14.72	7,642,985	7.97	(6,481,787)	7,633,561	7.96	(6,491,211)	(9,424)
344.00 GENERATORS	44,532,239.27	1,567,535	3.52	2,173,841	4.88	606,306	1,839,068	4.13	271,533	(334,773)
345.00 ACCESSORY ELECTRIC EQUIPMENT	40,947,935.84	1,162,921	2.84	1,277,481	3.12	114,560	1,092,297	2.67	(70,624)	(185,184)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	32,981,650.53	1,329,161	4.03	1,433,911	4.35	104,750	1,129,738	3.43	(199,423)	(304,173)
TOTAL BARTOW UNIT 4	782,534,994.96	39,285,972	5.02	33,420,368	4.27	(5,865,604)	28,580,810	3.65	(10,705,162)	(4,839,558)
TOTAL BARTOW COMBINED CYCLE PLANT	782,534,994.96	39,285,972	5.02	33,420,368	4.27	(5,865,604)	28,580,810	3.65	(10,705,162)	(4,839,558)
CITRUS COMBINED CYCLE PLANT										
<i>CITRUS UNITS 1 AND 2</i>										
341.00 STRUCTURES AND IMPROVEMENTS	128,195,624.36	3,448,462	2.69	893,363	0.70	(2,555,099)	784,980	0.61	(2,663,482)	(108,383)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	221,420,258.97	6,642,608	3.00	7,578,120	3.42	935,512	6,795,380	3.07	152,772	(782,740)
343.00 PRIME MOVERS - GENERAL	741,297,562.49	23,869,782	3.22	25,577,714	3.45	1,707,932	21,585,175	2.91	(2,284,607)	(3,992,539)
343.10 PRIME MOVERS - ROTABLE PARTS	183,280,962.27	16,825,192	9.18	18,527,576	10.11	1,702,384	18,489,586	10.09	1,664,394	(37,990)
344.00 GENERATORS	16,200,754.81	452,001	2.79	35,380	0.22	(416,621)	31,412	0.19	(420,589)	(3,968)
345.00 ACCESSORY ELECTRIC EQUIPMENT	121,897,707.10	3,474,085	2.85	3,200,610	2.63	(273,475)	2,863,623	2.35	(610,462)	(336,987)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	6,228,549.19	209,279	3.36	11,614	0.19	(197,665)	9,142	0.15	(200,137)	(2,472)
TOTAL CITRUS UNITS 1 AND 2	1,418,521,419.19	54,921,409	3.87	55,824,377	3.94	902,968	50,559,298	3.56	(4,362,111)	(5,265,079)
TOTAL CITRUS COMBINED CYCLE PLANT	1,418,521,419.19	54,921,409	3.87	55,824,377	3.94	902,968	50,559,298	3.56	(4,362,111)	(5,265,079)
OSPREY COMBINED CYCLE PLANT										
<i>OSPREY ENERGY CENTER</i>										
341.00 STRUCTURES AND IMPROVEMENTS	90,271,971.20	1,796,412	1.99	2,670,514	2.96	874,102	2,146,588	2.38	350,176	(523,926)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	14,540,305.99	327,157	2.25	401,660	2.76	74,503	330,902	2.28	3,745	(70,758)
343.00 PRIME MOVERS - GENERAL	185,111,622.50	5,331,215	2.88	5,913,546	3.19	582,331	4,310,278	2.33	(1,020,937)	(1,603,268)

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

TABLE 2. COMPARISON OF REMAINING LIFE ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
 BASED ON CURRENT AND DEF AND OPC PROPOSED DEPRECIATION RATES

ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	CURRENT APPROVED		DEF PROPOSED			OPC PROPOSED			
		ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	DEF DIFFERENCE FROM CURRENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	OPC DIFFERENCE FROM CURRENT	OPC DIFFERENCE FROM DEF
343.10 PRIME MOVERS - ROTABLE PARTS	58,678,433.74	4,160,301	7.09	4,049,856	6.90	(110,445)	3,928,339	6.69	(231,962)	(121,517)
344.00 GENERATORS	33,184,504.84	803,065	2.42	942,545	2.84	139,480	766,756	2.31	(36,309)	(175,789)
345.00 ACCESSORY ELECTRIC EQUIPMENT	42,994,257.49	868,484	2.02	1,106,872	2.57	238,388	908,960	2.11	40,476	(197,912)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	9,901,465.48	283,182	2.86	352,513	3.56	69,331	267,565	2.70	(15,617)	(84,948)
TOTAL OSPREY ENERGY CENTER	434,682,561.24	13,569,816	3.12	15,437,506	3.55	1,867,690	12,659,388	2.91	(910,428)	(2,778,118)
TOTAL OSPREY COMBINED CYCLE PLANT	434,682,561.24	13,569,816	3.12	15,437,506	3.55	1,867,690	12,659,388	2.91	(910,428)	(2,778,118)
HINES ENERGY COMBINED CYCLE PLANT										
<i>HINES ENERGY COMPLEX UNIT 1</i>										
341.00 STRUCTURES AND IMPROVEMENTS	68,493,890.37	2,267,148	3.31	2,602,918	3.80	335,770	1,954,111	2.85	(313,037)	(648,807)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	19,474,758.27	321,334	1.65	432,520	2.22	111,186	332,534	1.71	11,200	(99,986)
343.00 PRIME MOVERS - GENERAL	214,754,508.30	12,412,811	5.78	11,014,674	5.13	(1,398,137)	7,659,518	3.57	(4,753,293)	(3,355,156)
343.10 PRIME MOVERS - ROTABLE PARTS	91,643,841.96	12,096,987	13.20	8,785,629	9.59	(3,311,358)	8,726,469	9.52	(3,370,518)	(59,160)
344.00 GENERATORS	48,657,531.65	1,036,405	2.13	1,276,010	2.62	239,605	970,596	1.99	(65,809)	(305,414)
345.00 ACCESSORY ELECTRIC EQUIPMENT	59,828,131.76	2,315,349	3.87	2,784,704	4.65	469,355	2,116,338	3.54	(199,011)	(668,366)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	11,510,368.97	702,133	6.10	686,241	5.96	(15,892)	492,622	4.28	(209,511)	(193,619)
TOTAL HINES ENERGY COMPLEX UNIT 1	514,363,031.28	31,152,167	6.06	27,582,696	5.36	(3,569,471)	22,252,188	4.33	(8,899,979)	(5,330,508)
<i>HINES ENERGY COMPLEX UNIT 2</i>										
341.00 STRUCTURES AND IMPROVEMENTS	21,325,632.99	204,726	0.96	418,750	1.96	214,024	333,222	1.56	128,496	(85,528)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	12,989,944.47	310,460	2.39	358,496	2.76	48,036	292,442	2.25	(18,018)	(66,054)
343.00 PRIME MOVERS - GENERAL	110,382,487.52	6,126,228	5.55	5,822,352	5.27	(303,876)	4,415,683	4.00	(1,710,545)	(1,406,669)
343.10 PRIME MOVERS - ROTABLE PARTS	66,184,577.50	8,233,361	12.44	8,050,932	12.16	(182,429)	7,985,902	12.07	(247,459)	(65,030)
344.00 GENERATORS	37,907,796.52	1,114,489	2.94	1,265,206	3.34	150,717	1,018,465	2.69	(96,024)	(246,741)
345.00 ACCESSORY ELECTRIC EQUIPMENT	19,333,719.67	726,948	3.76	686,226	3.55	(40,722)	556,323	2.88	(170,625)	(129,903)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	3,052,178.75	107,437	3.52	115,413	3.78	7,976	81,746	2.68	(25,691)	(33,667)
TOTAL HINES ENERGY COMPLEX UNIT 2	271,176,337.42	16,823,649	6.20	16,717,375	6.16	(106,274)	14,683,783	5.41	(2,139,866)	(2,033,592)
<i>HINES ENERGY COMPLEX UNIT 3</i>										
341.00 STRUCTURES AND IMPROVEMENTS	11,336,174.87	200,650	1.77	223,426	1.97	22,776	181,566	1.60	(19,084)	(41,860)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	15,089,457.52	(737,874)	(4.89)	301,736	2.00	1,039,610	251,170	1.66	989,044	(50,566)
343.00 PRIME MOVERS - GENERAL	128,203,896.82	7,435,826	5.80	5,814,656	4.54	(1,621,170)	4,479,433	3.49	(2,956,393)	(1,335,223)
343.10 PRIME MOVERS - ROTABLE PARTS	15,094,251.97	2,298,855	15.23	1,081,609	7.17	(1,217,246)	1,078,291	7.14	(1,220,564)	(3,318)
344.00 GENERATORS	54,825,570.98	1,178,750	2.15	1,223,839	2.23	45,089	1,005,472	1.83	(173,278)	(218,367)
345.00 ACCESSORY ELECTRIC EQUIPMENT	23,403,938.11	432,973	1.85	474,839	2.03	41,866	393,610	1.68	(39,363)	(81,229)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	2,666,136.13	83,450	3.13	104,232	3.91	20,782	80,703	3.03	(2,747)	(23,529)
TOTAL HINES ENERGY COMPLEX UNIT 3	250,619,426.40	10,892,630	4.35	9,224,337	3.68	(1,668,293)	7,470,245	2.98	(3,422,385)	(1,754,092)
<i>HINES ENERGY COMPLEX UNIT 4</i>										
341.00 STRUCTURES AND IMPROVEMENTS	15,099,834.63	298,977	1.98	353,397	2.34	54,420	292,172	1.93	(6,805)	(61,225)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	7,787,851.96	179,121	2.30	189,000	2.43	9,879	159,963	2.05	(19,158)	(29,037)
343.00 PRIME MOVERS - GENERAL	153,428,720.80	6,229,206	4.06	5,746,231	3.75	(482,975)	4,444,290	2.90	(1,784,916)	(1,301,941)
343.10 PRIME MOVERS - ROTABLE PARTS	57,837,107.77	7,154,540	12.37	5,445,223	9.41	(1,709,227)	5,427,277	9.38	(1,727,173)	(17,946)
344.00 GENERATORS	47,487,798.71	1,377,146	2.90	1,394,554	2.94	17,408	1,166,325	2.46	(210,821)	(228,229)
345.00 ACCESSORY ELECTRIC EQUIPMENT	26,914,929.67	705,171	2.62	723,202	2.69	18,031	609,401	2.26	(95,770)	(113,801)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	8,174,447.90	282,836	3.46	342,475	4.19	59,639	254,417	3.11	(28,419)	(88,058)
TOTAL HINES ENERGY COMPLEX UNIT 4	316,730,691.44	16,226,907	5.12	14,194,082	4.48	(2,032,825)	12,353,845	3.90	(3,873,062)	(1,840,237)
TOTAL HINES ENERGY COMBINED CYCLE PLANT	1,352,889,486.54	75,095,353	5.55	67,718,490	5.01	(7,376,863)	56,760,061	4.20	(18,335,292)	(10,958,429)
TIGER BAY COGENERATION										
<i>TIGER BAY COGENERATION</i>										
341.00 STRUCTURES AND IMPROVEMENTS	12,006,530.32	401,018	3.34	413,976	3.45	12,958	159,713	1.33	(241,305)	(254,263)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	5,651,591.32	543,683	9.62	412,539	7.30	(131,144)	286,361	5.07	(257,322)	(126,178)
343.00 PRIME MOVERS - GENERAL	31,070,538.39	2,010,264	6.47	2,327,495	7.49	317,231	1,485,277	4.78	(524,987)	(842,218)
343.10 PRIME MOVERS - ROTABLE PARTS	23,463,898.76	3,001,033	12.79	3,601,941	15.35	600,908	3,515,516	14.98	514,483	(86,425)
344.00 GENERATORS	10,850,295.54	836,558	7.71	734,219	6.77	(102,339)	507,470	4.68	(329,088)	(226,749)
345.00 ACCESSORY ELECTRIC EQUIPMENT	9,033,735.87	731,733	8.10	585,689	6.48	(146,044)	405,859	4.49	(325,874)	(179,830)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,745,446.32	78,894	4.52	75,727	4.34	(3,167)	48,383	2.77	(30,511)	(27,344)
TOTAL TIGER BAY COGENERATION	93,822,036.52	7,603,183	8.10	8,151,586	8.69	548,403	6,408,579	6.83	(1,194,604)	(1,743,007)
TOTAL TIGER BAY COGENERATION	93,822,036.52	7,603,183	8.10	8,151,586	8.69	548,403	6,408,579	6.83	(1,194,604)	(1,743,007)
TOTAL COMBINED CYCLE PRODUCTION PLANT	4,082,450,498.45	190,475,733	4.67	180,552,327	4.42	(9,923,406)	154,968,136	3.80	(35,507,597)	(25,584,191)

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

TABLE 2. COMPARISON OF REMAINING LIFE ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
BASED ON CURRENT AND DEF AND OPC PROPOSED DEPRECIATION RATES

ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	CURRENT APPROVED		DEF PROPOSED			OPC PROPOSED				
		ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	DEF DIFFERENCE FROM CURRENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	OPC DIFFERENCE FROM CURRENT	OPC DIFFERENCE FROM DEF	
SIMPLE CYCLE PRODUCTION PLANT											
BARTOW PEAKING											
<i>BARTOW UNITS 1 AND 3</i>											
341.00	STRUCTURES AND IMPROVEMENTS	2,024,591.17	152,249	7.52	77,843	3.84	(74,406)	90,596	4.47	(61,653)	12,753
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORIES	3,417,718.30	197,202	5.77	102,146	2.99	(95,056)	99,301	2.91	(97,901)	(2,845)
343.00	PRIME MOVERS - GENERAL	11,261,919.71	718,510	6.38	633,803	5.63	(84,707)	340,187	3.02	(378,323)	(293,616)
344.00	GENERATORS	4,817,918.84	177,781	3.69	18,650	0.39	(159,131)	36,373	0.75	(141,408)	17,723
345.00	ACCESSORY ELECTRIC EQUIPMENT	3,846,400.78	231,553	6.02	202,848	5.27	(28,705)	117,510	3.06	(114,043)	(85,338)
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	288,160.46	15,417	5.35	25,890	8.98	10,473	12,003	4.17	(3,414)	(13,887)
	TOTAL BARTOW UNITS 1 AND 3	25,656,709.26	1,492,712	5.82	1,061,180	4.14	(431,532)	695,970	2.71	(796,742)	(365,210)
<i>BARTOW UNITS 2 AND 4</i>											
341.00	STRUCTURES AND IMPROVEMENTS	606,249.55	20,067	3.31	175,224	28.90	155,157	(16,714)	(2.76)	(36,781)	(191,938)
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORIES	167,146.01	6,719	4.02	3,647	2.18	(3,072)	(10,690)	(2.38)	(10,690)	(7,618)
343.00	PRIME MOVERS - GENERAL	13,744,069.55	1,404,644	10.22	2,907,779	21.16	1,503,135	370,163	2.69	(1,034,481)	(2,537,616)
344.00	GENERATORS	2,494,674.18	116,252	4.66	214,758	8.61	98,506	(49,069)	(1.97)	(165,321)	(263,827)
345.00	ACCESSORY ELECTRIC EQUIPMENT	298,332.54	15,513	5.20	47,195	15.82	31,682	1,055	0.35	(14,458)	(46,140)
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	4,304,654.21	263,014	6.11	1,610,777	37.42	1,347,763	969,232	22.52	706,218	(641,545)
	TOTAL BARTOW UNITS 2 AND 4	21,615,126.04	1,826,209	8.45	4,959,380	22.94	3,133,171	1,270,696	5.88	(555,513)	(3,688,684)
	TOTAL BARTOW PEAKING	47,271,835.30	3,318,921	7.02	6,020,560	12.74	2,701,639	1,966,666	4.16	(1,352,255)	(4,053,894)
BAYBORO PEAKING											
<i>BAYBORO UNITS 1 THROUGH 4</i>											
341.00	STRUCTURES AND IMPROVEMENTS	2,000,348.95	186,833	9.34	187,869	9.39	1,036	(119,730)	(5.99)	(306,563)	(307,599)
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORIES	1,918,698.73	165,392	8.62	105,324	5.49	(60,068)	(121,128)	(6.31)	(286,520)	(226,452)
343.00	PRIME MOVERS - GENERAL	17,747,817.33	257,343	1.45	2,820,345	15.89	2,563,002	(1,056,485)	(5.95)	(1,313,828)	(3,876,830)
344.00	GENERATORS	3,896,002.33	337,394	8.66	186,529	4.79	(150,865)	(268,621)	(6.89)	(606,015)	(455,150)
345.00	ACCESSORY ELECTRIC EQUIPMENT	1,512,283.31	132,930	8.79	319,840	21.15	186,910	(67,814)	(4.48)	(200,744)	(387,654)
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	577,277.04	60,037	10.40	56,531	9.79	(3,506)	(25,641)	(4.44)	(85,678)	(82,172)
	TOTAL BAYBORO UNITS 1 THROUGH 4	27,652,427.69	1,139,929	4.12	3,676,438	13.30	2,536,509	(1,659,419)	(6.00)	(2,799,348)	(5,335,857)
	TOTAL BARTOW PEAKING	27,652,427.69	1,139,929	4.12	3,676,438	13.30	2,536,509	(1,659,419)	(6.00)	(2,799,348)	(5,335,857)
DEBARY PEAKING											
<i>DEBARY UNITS 2 THROUGH 6</i>											
341.00	STRUCTURES AND IMPROVEMENTS	6,210,264.52	276,978	4.46	244,947	3.94	(32,031)	(146,079)	(2.35)	(423,057)	(391,026)
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORIES	10,282,898.23	567,616	5.52	1,119,760	10.89	552,144	(212,423)	(2.07)	(780,039)	(1,332,183)
343.00	PRIME MOVERS - GENERAL	26,653,742.68	855,585	3.21	(680,871)	(2.55)	(1,536,456)	(870,611)	(3.27)	(1,726,196)	(189,740)
344.00	GENERATORS	7,868,742.04	484,715	6.16	(316,368)	(4.02)	(801,083)	(447,008)	(5.68)	(931,723)	(130,640)
345.00	ACCESSORY ELECTRIC EQUIPMENT	7,007,923.65	361,609	5.16	314,127	4.48	(47,482)	(149,087)	(2.13)	(510,696)	(463,214)
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	1,489,071.94	61,796	4.15	282,122	18.95	220,326	21,509	1.44	(40,287)	(260,613)
	TOTAL DEBARY UNITS 2 THROUGH 6	59,512,643.06	2,608,299	4.38	963,717	1.62	(1,644,582)	(1,803,699)	(3.03)	(4,411,998)	(2,767,416)
<i>DEBARY UNITS 7 THROUGH 10</i>											
341.00	STRUCTURES AND IMPROVEMENTS	7,382,724.97	82,687	1.12	322,459	4.37	239,772	268,881	3.64	186,194	(53,578)
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORIES	7,691,276.44	232,277	3.02	122,517	1.59	(109,760)	162,722	2.12	(69,555)	40,205
343.00	PRIME MOVERS - GENERAL	77,093,329.41	701,549	0.91	1,348,865	1.75	647,316	1,954,746	2.54	1,253,197	605,881
343.10	PRIME MOVERS - ROTABLE PARTS	3,349,494.52	30,480	0.91	337,579	10.08	307,099	295,200	8.81	264,720	(42,379)
344.00	GENERATORS	19,827,030.40	170,512	0.86	249,311	1.26	78,799	368,789	1.86	198,277	119,478
345.00	ACCESSORY ELECTRIC EQUIPMENT	7,731,185.34	84,270	1.09	290,268	3.75	205,998	258,445	3.34	174,175	(31,823)
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	1,136,152.60	(227)	(0.02)	36,740	3.23	36,967	32,866	2.89	33,093	(8,734)
	TOTAL DEBARY UNITS 7 THROUGH 10	124,211,193.68	1,301,548	1.05	2,707,739	2.18	1,406,191	3,341,649	2.69	2,040,101	633,910
	TOTAL DEBARY PEAKING	183,723,836.74	3,909,847	2.13	3,671,456	2.00	(238,391)	1,537,950	0.84	(2,371,897)	(2,133,506)
INTERSECTION CITY PEAKING											
<i>INTERSECTION CITY UNITS 1 THROUGH 6</i>											
341.00	STRUCTURES AND IMPROVEMENTS	6,460,210.45	158,921	2.46	312,935	4.84	154,014	258,851	4.01	99,930	(54,084)
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORIES	6,218,886.58	(347,014)	(5.58)	438,686	7.05	785,700	278,616	4.48	625,630	(160,070)
343.00	PRIME MOVERS - GENERAL	30,598,075.01	1,768,569	5.78	1,316,317	4.30	(452,252)	866,621	2.83	(901,948)	(449,696)
344.00	GENERATORS	6,033,618.14	158,684	2.63	327,594	5.43	168,910	242,012	4.01	83,328	(85,582)
345.00	ACCESSORY ELECTRIC EQUIPMENT	6,260,250.93	327,411	5.23	267,075	4.27	(60,336)	201,579	3.22	(125,832)	(65,496)
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	1,918,301.38	105,698	5.51	73,015	3.81	(32,683)	76,572	3.99	(29,126)	3,557

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

TABLE 2. COMPARISON OF REMAINING LIFE ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
BASED ON CURRENT AND DEF AND OPC PROPOSED DEPRECIATION RATES

ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	CURRENT APPROVED		DEF PROPOSED			OPC PROPOSED			
		ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	DEF DIFFERENCE FROM CURRENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	OPC DIFFERENCE FROM CURRENT	OPC DIFFERENCE FROM DEF
TOTAL INTERCESSION CITY UNITS 1 THROUGH 6	57,489,342.49	2,172,269	3.78	2,735,622	4.76	563,353	1,924,251	3.35	(248,018)	(811,371)
<i>INTERCESSION CITY UNITS 7 THROUGH 10</i>										
341.00 STRUCTURES AND IMPROVEMENTS	10,458,627.44	191,393	1.83	217,489	2.08	26,096	187,579	1.79	(3,814)	(29,910)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	8,223,597.18	207,235	2.52	218,403	2.66	11,168	183,094	2.23	(24,141)	(35,309)
343.00 PRIME MOVERS - GENERAL	79,743,189.19	2,432,167	3.05	2,864,088	3.59	431,921	2,408,060	3.02	(24,107)	(456,028)
343.10 PRIME MOVERS - ROTABLE PARTS	6,316,102.71	192,641	3.05	447,817	7.09	255,176	531,490	8.41	338,849	83,673
344.00 GENERATORS	18,478,191.88	430,542	2.33	432,313	2.34	1,771	365,083	1.98	(65,459)	(67,230)
345.00 ACCESSORY ELECTRIC EQUIPMENT	7,326,245.55	253,488	3.46	230,729	3.15	(22,759)	196,498	2.68	(56,990)	(34,231)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,091,865.99	46,623	4.27	46,234	4.23	(389)	30,758	2.82	(15,865)	(15,476)
TOTAL INTERCESSION CITY UNITS 7 THROUGH 10	131,637,819.94	3,754,089	2.85	4,457,073	3.39	702,984	3,902,562	2.96	148,473	(554,511)
<i>INTERCESSION CITY UNIT 11</i>										
341.00 STRUCTURES AND IMPROVEMENTS	2,123,396.81	19,748	0.93	27,531	1.30	7,783	40,063	1.89	20,315	12,532
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	1,930,623.85	19,692	1.02	40,279	2.09	20,587	37,872	1.96	18,180	(2,407)
343.00 PRIME MOVERS - GENERAL	25,196,412.69	360,309	1.43	298,317	1.18	(61,992)	584,962	2.32	224,653	286,645
344.00 GENERATORS	4,183,183.34	48,107	1.15	38,298	0.92	(9,809)	75,686	1.81	27,579	37,388
345.00 ACCESSORY ELECTRIC EQUIPMENT	4,785,400.55	76,088	1.59	65,769	1.37	(10,319)	90,077	1.88	13,989	24,308
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	257,487.22	6,283	2.44	5,669	2.20	(614)	7,108	2.76	825	1,439
TOTAL INTERCESSION CITY UNIT 11	38,476,504.46	530,227	1.38	475,863	1.24	(54,364)	835,768	2.17	305,541	359,905
<i>INTERCESSION CITY UNITS 12 THROUGH 14</i>										
341.00 STRUCTURES AND IMPROVEMENTS	1,569,822.33	39,873	2.54	41,619	2.65	1,746	34,380	2.19	(5,493)	(7,239)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	5,206,204.18	220,743	4.24	242,871	4.67	22,128	137,716	2.65	(83,027)	(105,155)
343.00 PRIME MOVERS - GENERAL	65,026,103.12	1,430,574	2.20	2,103,551	3.23	672,977	1,812,252	2.79	381,678	(291,299)
343.10 PRIME MOVERS - ROTABLE PARTS	1,410,035.11	31,021	2.20	140,764	9.98	109,743	119,913	8.50	88,892	(20,851)
344.00 GENERATORS	17,766,619.90	254,063	1.43	392,329	2.21	138,266	394,569	2.22	140,506	2,240
345.00 ACCESSORY ELECTRIC EQUIPMENT	9,840,894.39	174,184	1.77	289,131	2.94	114,947	259,814	2.64	85,630	(29,317)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	158,572.66	4,424	2.79	477	0.30	(3,947)	5,434	3.43	1,010	4,957
TOTAL INTERCESSION CITY UNITS 12 THROUGH 14	100,978,251.69	2,154,882	2.13	3,210,742	3.18	1,055,860	2,764,078	2.74	609,196	(446,664)
TOTAL INTERCESSION CITY PEAKING	328,581,918.58	8,611,467	2.62	10,879,300	3.31	2,267,833	9,426,659	2.87	815,192	(1,452,641)
SUWANNEE RIVER PEAKING										
<i>SUWANNEE RIVER UNITS 1 THROUGH 3</i>										
341.00 STRUCTURES AND IMPROVEMENTS	7,469,390.35	245,743	3.29	516,105	6.91	270,362	395,453	5.29	149,710	(120,652)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	7,575,734.49	252,272	3.33	345,532	4.56	93,260	227,702	3.01	(24,570)	(117,830)
343.00 PRIME MOVERS - GENERAL	29,049,006.77	1,220,058	4.20	1,508,989	5.19	288,931	849,583	2.92	(370,475)	(659,406)
344.00 GENERATORS	7,189,869.25	308,445	4.29	342,809	4.77	34,364	237,828	3.31	(70,617)	(104,981)
345.00 ACCESSORY ELECTRIC EQUIPMENT	6,570,026.31	231,265	3.52	524,714	7.99	293,449	286,271	4.36	55,006	(238,443)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	2,247,634.80	74,397	3.31	199,547	8.88	125,150	125,231	5.57	50,834	(74,316)
TOTAL SUWANNEE RIVER UNITS 1 THROUGH 3	60,101,661.97	2,332,180	3.88	3,437,696	5.72	1,105,516	2,122,068	3.53	(210,112)	(1,315,628)
TOTAL SUWANNEE RIVER PEAKING	60,101,661.97	2,332,180	3.88	3,437,696	5.72	1,105,516	2,122,068	3.53	(210,112)	(1,315,628)
UNIVERSITY OF FLORIDA COGENERATION										
<i>UNIVERSITY OF FLORIDA COGENERATION</i>										
341.00 STRUCTURES AND IMPROVEMENTS	8,662,876.52	498,115	5.75	13,248	0.15	(484,867)	220,292	2.54	(277,823)	207,044
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	6,655,241.68	653,545	9.82	118,917	1.79	(534,628)	159,600	2.40	(493,945)	40,683
343.00 PRIME MOVERS - GENERAL	32,206,792.65	7,368,914	22.88	959,741	2.98	(6,409,173)	1,108,704	3.44	(6,260,210)	148,963
344.00 GENERATORS	5,811,572.48	327,192	5.63	264,182	4.55	(63,010)	194,380	3.34	(132,812)	(69,802)
345.00 ACCESSORY ELECTRIC EQUIPMENT	6,393,743.95	407,921	6.38	186,466	2.92	(221,455)	150,161	2.35	(257,760)	(36,305)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,566,762.66	125,811	8.03	40,645	2.59	(85,166)	46,839	2.99	(78,972)	6,194
TOTAL UNIVERSITY OF FLORIDA COGENERATION	61,296,989.94	9,381,498	15.30	1,583,199	2.58	(7,798,299)	1,879,976	3.07	(7,501,522)	296,777
TOTAL UNIVERSITY OF FLORIDA COGENERATION	61,296,989.94	9,381,498	15.30	1,583,199	2.58	(7,798,299)	1,879,976	3.07	(7,501,522)	296,777
TOTAL SIMPLE CYCLE PRODUCTION PLANT	708,628,670.22	28,693,842	4.05	29,268,649	4.13	574,807	15,273,900	2.16	(13,419,942)	(13,994,749)
SOLAR PRODUCTION PLANT										
<i>OSCEOLA</i>										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	85,628.96	17,785	20.77	2,853	3.33	(14,932)	2,853	3.33	(14,932)	-
344.66 GENERATORS - SOLAR	6,419,235.56	213,761	3.33	227,327	3.54	13,566	227,327	3.54	13,566	-
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	1,106,226.34	36,837	3.33	39,305	3.55	2,468	39,305	3.55	2,468	-
TOTAL OSCEOLA	7,611,090.86	268,383	3.53	269,485	3.54	7,102	269,485	3.54	1,102	-

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

TABLE 2. COMPARISON OF REMAINING LIFE ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
BASED ON CURRENT AND DEF AND OPC PROPOSED DEPRECIATION RATES

ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	CURRENT APPROVED		DEF PROPOSED			OPC PROPOSED			
		ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	DEF DIFFERENCE FROM CURRENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	OPC DIFFERENCE FROM CURRENT	OPC DIFFERENCE FROM DEF
<i>PERRY</i>										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	346,780.78	13,178	3.80	13,211	3.81	33	13,211	3.81	33	-
344.66 GENERATORS - SOLAR	9,270,669.08	311,494	3.36	312,980	3.38	1,486	312,980	3.38	1,486	-
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	1,495,673.04	50,255	3.36	54,646	3.65	4,391	54,646	3.65	4,391	-
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR	14,558.00	517	3.55	517	3.55	-	517	3.55	-	-
TOTAL PERRY	11,127,680.90	375,444	3.37	381,354	3.43	5,970	381,354	3.43	5,910	-
<i>HAMILTON</i>										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	2,579,609.22	81,000	3.14	87,991	3.41	6,991	87,991	3.41	6,991	-
344.66 GENERATORS - SOLAR	97,250,268.38	3,306,509	3.40	3,302,620	3.40	(3,889)	3,302,620	3.40	(3,889)	-
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	10,772,233.22	366,256	3.40	378,023	3.51	11,767	378,023	3.51	11,767	-
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR	73,504.54	2,499	3.40	(1,350)	(1.84)	(3,849)	(1,350)	(1.84)	(3,849)	-
TOTAL HAMILTON	110,675,615.36	3,756,264	3.39	3,767,284	3.40	11,020	3,767,284	3.40	11,020	-
<i>SUWANNEE</i>										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	60,101.96	2,043	3.40	2,041	3.40	(2)	2,041	3.40	(2)	-
344.66 GENERATORS - SOLAR	14,110,951.20	478,361	3.39	471,868	3.34	(6,493)	471,868	3.34	(6,493)	-
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	2,543,836.04	85,982	3.38	92,622	3.64	6,640	92,622	3.64	6,640	-
TOTAL SUWANNEE	16,714,889.20	566,386	3.39	566,531	3.39	145	566,531	3.39	145	-
<i>DEBARY</i>										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	2,406,595.22	80,862	3.36	72,118	3.00	(8,744)	72,118	3.00	(8,744)	-
344.66 GENERATORS - SOLAR	74,033,927.89	2,487,540	3.36	2,470,117	3.34	(17,423)	2,470,117	3.34	(17,423)	-
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	10,721,272.50	360,235	3.36	348,018	3.25	(12,217)	348,018	3.25	(12,217)	-
TOTAL DEBARY	87,161,795.61	2,928,637	3.36	2,890,253	3.32	(38,384)	2,890,253	3.32	(38,384)	-
<i>LAKE PLACID</i>										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	2,613,404.17	88,594	3.39	89,042	3.41	448	89,042	3.41	448	-
344.66 GENERATORS - SOLAR	45,157,987.58	1,530,856	3.39	1,527,796	3.38	(3,060)	1,527,796	3.38	(3,060)	-
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	11,603,522.09	393,359	3.39	399,014	3.44	5,655	399,014	3.44	5,655	-
TOTAL LAKE PLACID	59,374,913.84	2,012,809	3.39	2,015,852	3.40	3,043	2,015,852	3.40	3,043	-
<i>TRENTON</i>										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	6,242,044.90	212,230	3.40	212,453	3.40	223	212,453	3.40	223	-
344.66 GENERATORS - SOLAR	75,345,223.17	2,561,738	3.40	2,537,667	3.37	(24,071)	2,537,667	3.37	(24,071)	-
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	15,840,878.87	538,590	3.40	556,996	3.52	18,406	556,996	3.52	18,406	-
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR	64,881.13	2,206	3.40	2,422	3.73	216	2,422	3.73	216	-
TOTAL TRENTON	97,493,028.07	3,314,764	3.40	3,309,538	3.39	(5,226)	3,309,538	3.39	(5,226)	-
<i>COLUMBIA</i>										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	8,690,697.13	291,138	3.35	301,510	3.47	10,372	301,510	3.47	10,372	-
344.66 GENERATORS - SOLAR	87,196,878.11	2,929,815	3.36	2,869,542	3.29	(60,273)	2,869,542	3.29	(60,273)	-
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	8,985,123.89	301,002	3.35	296,443	3.30	(4,559)	296,443	3.30	(4,559)	-
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR	10,573.15	354	3.35	360	3.40	6	360	3.40	6	-
TOTAL COLUMBIA	104,883,272.28	3,522,309	3.36	3,467,855	3.31	(54,454)	3,467,855	3.31	(54,454)	-
<i>DUETTE</i>										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	6,931,894.09	230,832	3.33	224,719	3.24	(6,113)	189,263	2.73	(41,569)	(35,456)
344.66 GENERATORS - SOLAR	83,728,381.62	2,788,155	3.33	2,836,263	3.39	48,108	2,388,763	2.85	(399,392)	(447,500)
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	7,251,594.77	241,478	3.33	235,137	3.24	(6,341)	198,037	2.73	(43,441)	(37,100)
TOTAL DUETTE	97,911,870.48	3,260,465	3.33	3,296,119	3.37	35,654	2,776,063	2.84	(484,402)	(520,056)
<i>SANTA FE</i>										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	10,043,404.40	334,445	3.33	323,720	3.22	(10,725)	272,644	2.71	(61,801)	(51,076)
344.66 GENERATORS - SOLAR	84,537,374.36	2,815,095	3.33	2,800,767	3.31	(14,328)	2,358,868	2.79	(456,227)	(441,899)
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	8,805,821.91	293,234	3.33	283,830	3.22	(9,404)	239,048	2.71	(54,186)	(44,782)
TOTAL SANTA FE	103,386,600.67	3,442,774	3.33	3,408,317	3.30	(34,457)	2,870,560	2.78	(572,214)	(537,757)
<i>TWIN RIVERS</i>										
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	7,305,874.14	243,286	3.33	234,640	3.21	(8,646)	197,619	2.70	(45,667)	(37,021)
344.66 GENERATORS - SOLAR	67,787,978.36	2,257,340	3.33	2,288,099	3.38	30,759	1,927,088	2.84	(330,252)	(361,011)
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	19,089,172.67	635,669	3.33	613,079	3.21	(22,590)	516,348	2.70	(119,321)	(96,731)
TOTAL TWIN RIVERS	94,183,025.17	3,136,295	3.33	3,135,818	3.33	(477)	2,641,055	2.80	(495,240)	(494,763)
<i>ST PETE PIER</i>										
344.66 GENERATORS - SOLAR	1,452,082.97	49,226	3.39	50,131	3.45	905	50,131	3.45	905	-
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	93,671.18	3,175	3.39	3,234	3.45	59	3,234	3.45	59	-
TOTAL ST PETE PIER	1,545,754.15	52,401	3.39	53,365	3.45	964	53,365	3.45	964	-

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

TABLE 2. COMPARISON OF REMAINING LIFE ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
BASED ON CURRENT AND DEF AND OPC PROPOSED DEPRECIATION RATES

ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	CURRENT APPROVED		DEF PROPOSED			OPC PROPOSED				
		ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	DEF DIFFERENCE FROM CURRENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	OPC DIFFERENCE FROM CURRENT	OPC DIFFERENCE FROM DEF	
BAY TRAIL											
341.66	STRUCTURES AND IMPROVEMENTS - SOLAR	13,057,220.46	434,805	3.33	436,356	3.34	1,551	369,627	2.83	(65,178)	(66,729)
344.66	GENERATORS - SOLAR	67,565,184.36	2,249,921	3.33	2,257,946	3.34	8,025	1,912,654	2.83	(337,267)	(345,292)
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	26,988,429.25	898,715	3.33	901,920	3.34	3,205	763,996	2.83	(134,719)	(137,924)
	TOTAL BAY TRAIL	107,610,834.07	3,583,441	3.33	3,596,222	3.34	12,781	3,046,277	2.83	(537,164)	(549,945)
FORT GREEN											
341.66	STRUCTURES AND IMPROVEMENTS - SOLAR	10,321,964.99	343,721	3.33	343,825	3.33	104	291,246	2.82	(52,475)	(52,579)
344.66	GENERATORS - SOLAR	86,882,074.88	2,893,173	3.33	2,894,044	3.33	871	2,451,478	2.82	(441,695)	(442,566)
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	9,050,057.31	301,367	3.33	301,458	3.33	91	255,358	2.82	(46,009)	(46,100)
	TOTAL FORT GREEN	106,254,097.18	3,538,261	3.33	3,539,327	3.33	1,066	2,998,082	2.82	(540,179)	(541,245)
SANDY CREEK											
341.66	STRUCTURES AND IMPROVEMENTS - SOLAR	8,845,437.26	294,553	3.33	294,603	3.33	50	249,552	2.82	(45,001)	(45,051)
344.66	GENERATORS - SOLAR	74,453,841.01	2,479,313	3.33	2,479,735	3.33	422	2,100,526	2.82	(378,787)	(379,209)
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	7,755,472.34	258,257	3.33	258,301	3.33	44	218,801	2.82	(39,456)	(39,500)
	TOTAL SANDY CREEK	91,054,750.61	3,032,123	3.33	3,032,639	3.33	516	2,568,879	2.82	(463,244)	(463,760)
CHARLIE CREEK											
341.66	STRUCTURES AND IMPROVEMENTS - SOLAR	9,148,229.52	304,636	3.33	306,937	3.36	2,301	259,999	2.84	(44,637)	(46,938)
344.66	GENERATORS - SOLAR	75,166,699.80	2,503,051	3.33	2,522,707	3.36	19,656	2,136,927	2.82	(366,124)	(385,780)
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	13,760,900.37	458,238	3.33	461,699	3.36	3,461	391,095	2.84	(67,143)	(70,604)
	TOTAL CHARLIE CREEK	98,075,829.69	3,265,925	3.33	3,291,343	3.36	25,418	2,788,021	2.84	(477,904)	(503,322)
NEW SOLAR 2023											
341.66	STRUCTURES AND IMPROVEMENTS - SOLAR	32,471,053.95	1,081,286	3.33	1,081,287	3.33	1	920,869	2.84	(160,417)	(160,418)
344.66	GENERATORS - SOLAR	348,114,658.77	11,592,218	3.33	11,592,230	3.33	12	9,872,428	2.84	(1,719,790)	(1,719,802)
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	57,085,520.56	1,900,948	3.33	1,900,950	3.33	2	1,618,928	2.84	(282,020)	(282,022)
346.66	MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR	59,941.63	1,996	3.33	1,996	3.33	-	1,700	2.84	(296)	(296)
	TOTAL NEW SOLAR 2023	437,731,174.91	14,576,448	3.33	14,576,463	3.33	15	12,413,925	2.84	(2,162,523)	(2,162,538)
NEW SOLAR 2024											
341.66	STRUCTURES AND IMPROVEMENTS - SOLAR	34,744,917.36	1,157,006	3.33	1,157,007	3.33	1	990,331	2.85	(166,675)	(166,676)
344.66	GENERATORS - SOLAR	372,492,222.44	12,403,991	3.33	12,404,004	3.33	13	10,617,108	2.85	(1,786,883)	(1,786,896)
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	61,083,071.01	2,034,066	3.33	2,034,068	3.33	2	1,741,045	2.85	(293,021)	(293,023)
346.66	MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR	64,139.18	2,136	3.33	2,136	3.33	-	1,828	2.85	(308)	(308)
	TOTAL NEW SOLAR 2024	468,384,349.99	15,597,199	3.33	15,597,215	3.33	16	13,350,312	2.85	(2,246,887)	(2,246,903)
348.00	BATTERY STORAGE	24,055,701.49	1,645,410	6.84	2,961,777	12.31	1,316,367	1,676,623	6.97	31,213	(1,285,154)
	TOTAL SOLAR PRODUCTION PLANT	2,125,236,274.53	71,875,738	3.38	73,156,757	3.44	1,281,019	63,851,314	3.00	(8,024,424)	(9,305,443)
	TOTAL PRODUCTION PLANT	10,240,352,721.82	465,906,277	4.55	463,490,174	4.53	(2,416,103)	385,349,895	3.76	(80,556,382)	(78,140,279)
TRANSMISSION PLANT											
350.01	RIGHTS OF WAY	110,259,522.28	1,341,838	1.22	1,417,249	1.29	75,411	1,417,249	1.29	75,411	-
352.00	STRUCTURES AND IMPROVEMENTS	103,433,228.65	1,492,705	1.44	1,597,262	1.54	104,557	1,597,262	1.54	104,557	-
353.00	STATION EQUIPMENT	2,128,150,435.41	38,603,659	1.81	43,951,656	2.07	5,347,997	43,951,656	2.07	5,347,997	-
353.01	STATION EQUIPMENT - STEP-UP TRANSFORMERS	109,551,715.37	1,987,217	1.81	4,700,143	4.29	2,712,926	4,700,143	4.29	2,712,926	-
353.02	STATION EQUIPMENT - MAJOR EQUIPMENT	47,508.58	862	1.81	1,711	3.60	849	1,711	3.60	849	-
353.91	STATION EQUIPMENT - ENERGY CONTROL	59,549,559.30	678,203	1.14	2,574,940	4.32	1,896,737	2,574,940	4.32	1,896,737	-
354.00	TOWERS AND FIXTURES	81,443,652.60	1,072,166	1.32	1,819,004	2.23	746,838	1,819,004	2.23	746,838	-
355.00	POLES AND FIXTURES	2,530,489,715.02	82,493,965	3.26	77,478,137	3.06	(5,015,828)	77,478,137	3.06	(5,015,828)	-
356.00	OVERHEAD CONDUCTORS AND DEVICES	1,297,216,023.15	24,324,309	1.88	34,080,679	2.63	9,756,370	34,080,679	2.63	9,756,370	-
357.00	UNDERGROUND CONDUIT	40,931,204.92	477,369	1.17	842,003	2.06	364,634	842,003	2.06	364,634	-
358.00	UNDERGROUND CONDUCTORS AND DEVICES	87,773,141.49	1,749,487	1.99	1,426,296	1.62	(323,191)	1,426,296	1.62	(323,191)	-
359.00	ROADS AND TRAILS	49,871,005.85	463,945	0.93	677,919	1.36	213,974	677,919	1.36	213,974	-
	TOTAL TRANSMISSION PLANT	6,598,716,712.62	154,685,725	2.34	170,566,999	2.58	15,881,274	170,566,999	2.58	15,881,274	-
DISTRIBUTION PLANT											
360.01	RIGHTS OF WAY	103,578,775.61	1,427,841	1.38	1,432,711	1.38	4,870	1,432,711	1.38	4,870	-
361.00	STRUCTURES AND IMPROVEMENTS	161,141,281.83	2,289,717	1.42	2,825,968	1.75	536,251	2,825,968	1.75	536,251	-
362.00	STATION EQUIPMENT	1,778,499,890.68	32,012,998	1.80	42,824,638	2.41	10,811,640	42,824,638	2.41	10,811,640	-
363.00	ENERGY STORAGE EQUIPMENT	78,530,330.00			8,271,625	10.53	8,271,625	5,397,537	6.87	5,397,537	(2,874,088)

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

TABLE 2. COMPARISON OF REMAINING LIFE ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
BASED ON CURRENT AND DEF AND OPC PROPOSED DEPRECIATION RATES

ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	CURRENT APPROVED		DEF PROPOSED			OPC PROPOSED			
		ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	DEF DIFFERENCE FROM CURRENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	OPC DIFFERENCE FROM CURRENT	OPC DIFFERENCE FROM DEF
364.00 POLES, TOWERS AND FIXTURES	1,320,474,987.40	55,523,164	4.20	61,780,970	4.68	6,257,806	61,780,970	4.68	6,257,806	-
365.00 OVERHEAD CONDUCTORS AND DEVICES	1,593,620,482.23	43,511,741	2.73	57,618,597	3.62	14,106,856	57,618,597	3.62	14,106,856	-
365.01 OVERHEAD CONDUCTORS AND DEVICES - CLEARING R	12,246,452.19	334,374	2.73	397,644	3.25	63,270	397,644	3.25	63,270	-
366.00 UNDERGROUND CONDUIT	538,049,416.82	8,468,513	1.57	8,791,434	1.63	322,921	8,791,434	1.63	322,921	-
367.00 UNDERGROUND CONDUCTORS AND DEVICES	1,448,316,375.82	42,754,299	2.95	30,201,103	2.09	(12,553,196)	30,201,103	2.09	(12,553,196)	-
368.00 LINE TRANSFORMERS	1,327,168,859.06	38,355,180	2.89	42,319,042	3.19	3,963,862	42,319,042	3.19	3,963,862	-
369.01 SERVICES - UNDERGROUND	519,460,084.28	11,592,865	2.23	17,686,317	3.40	6,093,452	17,686,317	3.40	6,093,452	-
369.02 SERVICES - OVERHEAD	169,726,707.66	6,872,830	4.05	5,183,212	3.05	(1,689,618)	5,183,212	3.05	(1,689,618)	-
370.00 METERS	23,024,936.68	1,374,674	5.97	1,139,796	4.95	(234,878)	1,139,796	4.95	(234,878)	-
370.02 METERS - AMI	393,066,775.95	26,204,452	6.67	26,542,234	6.75	337,782	26,542,234	6.75	337,782	-
370.70 EV CHARGERS - DC FAST CHARGERS	4,654,831.43	310,322	6.67	483,619	10.39	173,297	483,619	10.39	173,297	-
371.00 INSTALLATIONS ON CUSTOMERS' PREMISES	13,249,791.02	481,058	3.63	719,266	5.43	238,208	719,266	5.43	238,208	-
371.70 EV CHARGERS - L2 CHARGERS	21,040,680.00	3,143,032	14.94	3,143,032	14.94	3,143,032	3,143,032	14.94	3,143,032	-
373.00 STREET LIGHTING AND SIGNAL SYSTEMS	709,306,972.52	30,003,685	4.23	32,885,903	4.64	2,882,218	32,885,903	4.64	2,882,218	-
TOTAL DISTRIBUTION PLANT	10,215,157,631.18	301,517,713	2.95	344,247,111	3.37	42,729,398	341,373,023	3.34	39,855,310	(2,874,088)
GENERAL PLANT										
390.00 STRUCTURES AND IMPROVEMENTS	423,332,086.45	12,572,963	2.97	12,266,152	2.90	(306,811)	12,266,152	2.90	(306,811)	-
392.10 PASSENGER CARS	3,097,901.07	82,094	2.65	59,723	1.93	(22,371)	59,723	1.93	(22,371)	-
392.20 LIGHT TRUCKS	4,363,690.20	(243,930)	(5.59)	341,539	7.83	585,469	341,539	7.83	585,469	-
392.30 HEAVY TRUCKS	26,894,062.38	1,861,069	6.92	1,204,847	4.48	(656,222)	1,204,847	4.48	(656,222)	-
392.40 SPECIAL TRUCKS	21,123,427.58	2,836,876	13.43	789,804	3.74	(2,047,072)	789,804	3.74	(2,047,072)	-
392.50 TRAILERS	22,907,475.55	1,092,687	4.77	951,155	4.15	(141,532)	951,155	4.15	(141,532)	-
396.00 POWER OPERATED EQUIPMENT	20,577,047.69	2,646,208	12.86	1,010,206	4.91	(1,636,002)	1,010,206	4.91	(1,636,002)	-
TOTAL GENERAL PLANT	522,295,690.92	20,847,967	3.99	16,623,426	3.18	(4,224,541)	16,623,426	3.18	(4,224,541)	-
TOTAL TRANSMISSION, DISTRIBUTION AND GENERAL PLANT	17,336,170,034.72	477,051,405	2.75	531,437,536	3.07	54,386,131	528,563,448	3.05	51,512,043	(2,874,088)
TOTAL DEPRECIABLE PLANT	27,576,522,756.54	942,957,682	3.42	994,927,710	3.61	51,970,028	913,913,343	3.31	(29,044,339)	(81,014,367)

* CURVE SHOWN IS INTERIM SURVIVOR CURVE. LIFE SPAN METHOD IS USED.

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

TABLE 3. PARAMETERS

ACCOUNT	CURRENT APPROVED			DEF PROPOSED			OPC PROPOSED		
	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE
	(3)	(4)	(5)	(8)	(9)	(10)	(8)	(9)	(10)
STEAM PRODUCTION PLANT									
ANCLOTE STEAM PLANT									
<i>ANCLOTE UNITS 1 AND 2</i>									
311.00 STRUCTURES AND IMPROVEMENTS	06-2029	90-R2 *	(1)	06-2029	100-R2 *	(1)	06-2042	100-R2 *	(1)
312.00 BOILER PLANT EQUIPMENT	06-2029	55-R1 *	(2)	06-2029	55-R1 *	(2)	06-2042	55-R1 *	(3)
314.00 TURBOGENERATOR UNITS	06-2029	50-R1 *	(2)	06-2029	50-R1 *	(3)	06-2042	50-R1 *	(4)
315.00 ACCESSORY ELECTRIC EQUIPMENT	06-2029	70-R1.5 *	(1)	06-2029	70-R1.5 *	(1)	06-2042	70-R1.5 *	(2)
316.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2029	45-R1 *	(1)	06-2029	45-R1 *	(1)	06-2042	45-R1 *	(1)
<i>TOTAL ANCLOTE UNITS 1 AND 2</i>									
CRYSTAL RIVER STEAM PLANT									
<i>CRYSTAL RIVER UNITS 4 AND 5</i>									
311.00 STRUCTURES AND IMPROVEMENTS	05-2034	90-R2 *	(1)	05-2034	100-R2 *	(1)	05-2034	100-R2 *	(1)
312.00 BOILER PLANT EQUIPMENT	05-2034	55-R1 *	(2)	05-2034	55-R1 *	(2)	05-2034	55-R1 *	(3)
314.00 TURBOGENERATOR UNITS	05-2034	50-R1 *	(2)	05-2034	50-R1 *	(3)	05-2034	50-R1 *	(4)
315.00 ACCESSORY ELECTRIC EQUIPMENT	05-2034	70-R1.5 *	(1)	05-2034	70-R1.5 *	(1)	05-2034	70-R1.5 *	(2)
316.00 MISCELLANEOUS POWER PLANT EQUIPMENT	05-2034	45-R1 *	(1)	05-2034	45-R1 *	(1)	05-2034	45-R1 *	(1)
<i>TOTAL CRYSTAL RIVER UNITS 4 AND 5</i>									
<i>CRYSTAL RIVER RAIL CARS</i>									
312.00 BOILER PLANT EQUIPMENT				05-2034	55-R1 *	(2)	05-2034	55-R1 *	(3)
<i>TOTAL CRYSTAL RIVER RAIL CARS</i>									
COMBINED CYCLE PRODUCTION PLANT									
BARTOW COMBINED CYCLE PLANT									
<i>BARTOW UNIT 4</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2049	85-R1.5 *	(2)	06-2049	85-R1.5 *	(3)	06-2054	85-R1.5 *	(3)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2049	50-R1 *	(3)	06-2049	50-R1 *	(5)	06-2054	50-R1 *	(5)
343.00 PRIME MOVERS - GENERAL	06-2049	40-R0.5 *	0	06-2049	40-R0.5 *	0	06-2054	40-R0.5 *	7
343.10 PRIME MOVERS - ROTABLE PARTS	06-2049	7-L0.5 *	40	06-2049	7-L0.5 *	40	06-2054	7-L0.5 *	40
344.00 GENERATORS	06-2049	65-R1 *	(1)	06-2049	65-R1 *	(2)	06-2054	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2049	60-S0 *	(2)	06-2049	60-S0 *	(3)	06-2054	60-S0 *	(3)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2049	35-R1.5 *	(5)	06-2049	35-R1.5 *	(6)	06-2054	35-R1.5 *	(6)
<i>TOTAL BARTOW UNIT 4</i>									
CITRUS COMBINED CYCLE PLANT									
<i>CITRUS UNITS 1 AND 2</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2058	85-R1.5 *	(2)	06-2058	85-R1.5 *	(3)	06-2063	85-R1.5 *	(3)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2058	50-R1 *	(3)	06-2058	50-R1 *	(5)	06-2063	50-R1 *	(5)
343.00 PRIME MOVERS - GENERAL	06-2058	40-R0.5 *	0	06-2058	40-R0.5 *	0	06-2063	40-R0.5 *	7
343.10 PRIME MOVERS - ROTABLE PARTS	06-2058	7-L0.5 *	40	06-2058	7-L0.5 *	40	06-2063	7-L0.5 *	40
344.00 GENERATORS	06-2058	65-R1 *	(1)	06-2058	65-R1 *	(2)	06-2063	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2058	60-S0 *	(2)	06-2058	60-S0 *	(3)	06-2063	60-S0 *	(3)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2058	35-R1.5 *	(5)	06-2058	35-R1.5 *	(6)	06-2063	35-R1.5 *	(6)
<i>TOTAL CITRUS UNITS 1 AND 2</i>									
TOTAL CITRUS COMBINED CYCLE PLANT									
OSPREY COMBINED CYCLE PLANT									
<i>OSPREY ENERGY CENTER</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2044	85-R1.5 *	(2)	06-2044	85-R1.5 *	(3)	06-2049	85-R1.5 *	(3)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2044	50-R1 *	(3)	06-2044	50-R1 *	(5)	06-2049	50-R1 *	(5)
343.00 PRIME MOVERS - GENERAL	06-2044	40-R0.5 *	0	06-2044	40-R0.5 *	0	06-2049	40-R0.5 *	7
343.10 PRIME MOVERS - ROTABLE PARTS	06-2044	7-L0.5 *	40	06-2044	7-L0.5 *	40	06-2049	7-L0.5 *	40
344.00 GENERATORS	06-2044	65-R1 *	(1)	06-2044	65-R1 *	(2)	06-2049	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2044	60-S0 *	(2)	06-2044	60-S0 *	(3)	06-2049	60-S0 *	(3)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2044	35-R1.5 *	(5)	06-2044	35-R1.5 *	(6)	06-2049	35-R1.5 *	(6)
<i>TOTAL OSPREY ENERGY CENTER</i>									
HINES ENERGY COMBINED CYCLE PLANT									
<i>HINES ENERGY COMPLEX UNIT 1</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2039	85-R1.5 *	(2)	06-2039	85-R1.5 *	(3)	06-2044	85-R1.5 *	(3)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2039	50-R1 *	(3)	06-2039	50-R1 *	(5)	06-2044	50-R1 *	(5)
343.00 PRIME MOVERS - GENERAL	06-2039	40-R0.5 *	0	06-2039	40-R0.5 *	0	06-2044	40-R0.5 *	7
343.10 PRIME MOVERS - ROTABLE PARTS	06-2039	7-L0.5 *	40	06-2039	7-L0.5 *	40	06-2044	7-L0.5 *	40
344.00 GENERATORS	06-2039	65-R1 *	(1)	06-2039	65-R1 *	(2)	06-2044	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2039	60-S0 *	(2)	06-2039	60-S0 *	(3)	06-2044	60-S0 *	(3)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2039	35-R1.5 *	(5)	06-2039	35-R1.5 *	(6)	06-2044	35-R1.5 *	(6)
<i>TOTAL HINES ENERGY COMPLEX UNIT 1</i>									
<i>HINES ENERGY COMPLEX UNIT 2</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2043	85-R1.5 *	(2)	06-2043	85-R1.5 *	(3)	06-2048	85-R1.5 *	(3)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2043	50-R1 *	(3)	06-2043	50-R1 *	(5)	06-2048	50-R1 *	(5)
343.00 PRIME MOVERS - GENERAL	06-2043	40-R0.5 *	0	06-2043	40-R0.5 *	0	06-2048	40-R0.5 *	7
343.10 PRIME MOVERS - ROTABLE PARTS	06-2043	7-L0.5 *	40	06-2043	7-L0.5 *	40	06-2048	7-L0.5 *	40
344.00 GENERATORS	06-2043	65-R1 *	(1)	06-2043	65-R1 *	(2)	06-2048	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2043	60-S0 *	(2)	06-2043	60-S0 *	(3)	06-2048	60-S0 *	(3)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2043	35-R1.5 *	(5)	06-2043	35-R1.5 *	(6)	06-2048	35-R1.5 *	(6)
<i>TOTAL HINES ENERGY COMPLEX UNIT 2</i>									
<i>HINES ENERGY COMPLEX UNIT 3</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2045	85-R1.5 *	(2)	06-2045	85-R1.5 *	(3)	06-2050	85-R1.5 *	(3)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2045	50-R1 *	(3)	06-2045	50-R1 *	(5)	06-2045	50-R1 *	(5)
343.00 PRIME MOVERS - GENERAL	06-2045	40-R0.5 *	0	06-2045	40-R0.5 *	0	06-2045	40-R0.5 *	7
343.10 PRIME MOVERS - ROTABLE PARTS	06-2045	7-L0.5 *	40	06-2045	7-L0.5 *	40	06-2045	7-L0.5 *	40
344.00 GENERATORS	06-2045	65-R1 *	(1)	06-2045	65-R1 *	(2)	06-2045	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2045	60-S0 *	(2)	06-2045	60-S0 *	(3)	06-2045	60-S0 *	(3)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2045	35-R1.5 *	(5)	06-2045	35-R1.5 *	(6)	06-2045	35-R1.5 *	(6)
<i>TOTAL HINES ENERGY COMPLEX UNIT 3</i>									
<i>HINES ENERGY COMPLEX UNIT 4</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2047	85-R1.5 *	(2)	06-2047	85-R1.5 *	(3)	06-2052	85-R1.5 *	(3)

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

TABLE 3. PARAMETERS

ACCOUNT	CURRENT APPROVED			DEF PROPOSED			OPC PROPOSED		
	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE
	(3)	(4)	(5)	(8)	(9)	(10)	(8)	(9)	(10)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2047	50-R1 *	(3)	06-2047	50-R1 *	(5)	06-2052	50-R1 *	(5)
343.00 PRIME MOVERS - GENERAL	06-2047	40-R0.5 *	0	06-2047	40-R0.5 *	0	06-2052	40-R0.5 *	7
343.10 PRIME MOVERS - ROTABLE PARTS	06-2047	7-L0.5 *	40	06-2047	7-L0.5 *	40	06-2052	7-L0.5 *	40
344.00 GENERATORS	06-2047	65-R1 *	(1)	06-2047	65-R1 *	(2)	06-2052	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2047	60-S0 *	(2)	06-2047	60-S0 *	(3)	06-2052	60-S0 *	(3)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2047	35-R1.5 *	(5)	06-2047	35-R1.5 *	(6)	06-2052	35-R1.5 *	(6)
<i>TOTAL HINES ENERGY COMPLEX UNIT 4</i>									
TIGER BAY COGENERATION									
<i>TIGER BAY COGENERATION</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2035	85-R1.5 *	(2)	06-2035	85-R1.5 *	(3)	06-2040	85-R1.5 *	(3)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2035	50-R1 *	(3)	06-2035	50-R1 *	(5)	06-2040	50-R1 *	(5)
343.00 PRIME MOVERS - GENERAL	06-2035	40-R0.5 *	0	06-2035	40-R0.5 *	0	06-2040	40-R0.5 *	7
343.10 PRIME MOVERS - ROTABLE PARTS	06-2035	7-L0.5 *	40	06-2035	7-L0.5 *	40	06-2040	7-L0.5 *	40
344.00 GENERATORS	06-2035	65-R1 *	(1)	06-2035	65-R1 *	(2)	06-2040	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2035	60-S0 *	(2)	06-2035	60-S0 *	(3)	06-2040	60-S0 *	(3)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2035	35-R1.5 *	(5)	06-2035	35-R1.5 *	(6)	06-2040	35-R1.5 *	(6)
<i>TOTAL TIGER BAY COGENERATION</i>									
SIMPLE CYCLE PRODUCTION PLANT									
BARTOW PEAKING									
<i>BARTOW UNITS 1 AND 3</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2034	85-R1.5 *	(1)	06-2034	85-R1.5 *	(1)	06-2034	85-R1.5 *	(1)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2034	50-R1 *	(2)	06-2034	50-R1 *	(3)	06-2034	50-R1 *	(3)
343.00 PRIME MOVERS - GENERAL	06-2034	40-R0.5 *	0	06-2034	40-R0.5 *	0	06-2034	40-R0.5 *	11
344.00 GENERATORS	06-2034	65-R1 *	(1)	06-2034	65-R1 *	(2)	06-2034	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2034	60-S0 *	(1)	06-2034	60-S0 *	(2)	06-2034	60-S0 *	(2)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2034	35-R1.5 *	(2)	06-2034	35-R1.5 *	(2)	06-2034	35-R1.5 *	(2)
<i>TOTAL BARTOW UNITS 1 AND 3</i>									
<i>BARTOW UNITS 2 AND 4</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2027	85-R1.5 *	(1)	06-2027	85-R1.5 *	(1)	06-2027	85-R1.5 *	(1)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2027	50-R1 *	(2)	06-2027	50-R1 *	(3)	06-2027	50-R1 *	(3)
343.00 PRIME MOVERS - GENERAL	06-2027	40-R0.5 *	0	06-2027	40-R0.5 *	0	06-2027	40-R0.5 *	11
344.00 GENERATORS	06-2027	65-R1 *	(1)	06-2027	65-R1 *	(2)	06-2027	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2027	60-S0 *	(1)	06-2027	60-S0 *	(2)	06-2027	60-S0 *	(2)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2027	35-R1.5 *	(2)	06-2027	35-R1.5 *	(2)	06-2027	35-R1.5 *	(2)
<i>TOTAL BARTOW UNITS 2 AND 4</i>									
BAYBORO PEAKING									
<i>BAYBORO UNITS 1 THROUGH 4</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2024	85-R1.5 *	(1)	09-2026	85-R1.5 *	(1)	09-2026	85-R1.5 *	(1)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2024	50-R1 *	(2)	09-2026	50-R1 *	(3)	09-2026	50-R1 *	(3)
343.00 PRIME MOVERS - GENERAL	06-2024	40-R0.5 *	0	09-2026	40-R0.5 *	0	09-2026	40-R0.5 *	11
344.00 GENERATORS	06-2024	65-R1 *	(1)	09-2026	65-R1 *	(2)	09-2026	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2024	60-S0 *	(1)	09-2026	60-S0 *	(2)	09-2026	60-S0 *	(2)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2024	35-R1.5 *	(2)	09-2026	35-R1.5 *	(2)	09-2026	35-R1.5 *	(2)
<i>TOTAL BAYBORO UNITS 1 THROUGH 4</i>									
DEBARY PEAKING									
<i>DEBARY UNITS 2 THROUGH 6</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2027	85-R1.5 *	(1)	06-2027	85-R1.5 *	(1)	06-2027	85-R1.5 *	(1)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2027	50-R1 *	(2)	06-2027	50-R1 *	(3)	06-2027	50-R1 *	(3)
343.00 PRIME MOVERS - GENERAL	06-2027	40-R0.5 *	0	06-2027	40-R0.5 *	0	06-2027	40-R0.5 *	11
344.00 GENERATORS	06-2027	65-R1 *	(1)	06-2027	65-R1 *	(2)	06-2027	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2027	60-S0 *	(1)	06-2027	60-S0 *	(2)	06-2027	60-S0 *	(2)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2027	35-R1.5 *	(2)	06-2027	35-R1.5 *	(2)	06-2027	35-R1.5 *	(2)
<i>TOTAL DEBARY UNITS 2 THROUGH 6</i>									
<i>DEBARY UNITS 7 THROUGH 10</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2037	85-R1.5 *	(1)	06-2037	85-R1.5 *	(1)	06-2037	85-R1.5 *	(1)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2037	50-R1 *	(2)	06-2037	50-R1 *	(3)	06-2037	50-R1 *	(3)
343.00 PRIME MOVERS - GENERAL	06-2037	40-R0.5 *	0	06-2037	40-R0.5 *	0	06-2037	40-R0.5 *	11
343.10 PRIME MOVERS - ROTABLE PARTS	06-2037	40-R0.5 *	0	06-2037	7-L0.5 *	38	06-2037	7-L0.5 *	38
344.00 GENERATORS	06-2037	65-R1 *	(1)	06-2037	65-R1 *	(2)	06-2037	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2037	60-S0 *	(1)	06-2037	60-S0 *	(2)	06-2037	60-S0 *	(2)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2037	35-R1.5 *	(2)	06-2037	35-R1.5 *	(2)	06-2037	35-R1.5 *	(2)
<i>TOTAL DEBARY UNITS 7 THROUGH 10</i>									
INTERCESSION CITY PEAKING									
<i>INTERCESSION CITY UNITS 1 THROUGH 6</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2034	85-R1.5 *	(1)	06-2034	85-R1.5 *	(1)	06-2034	85-R1.5 *	(1)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2034	50-R1 *	(2)	06-2034	50-R1 *	(3)	06-2034	50-R1 *	(3)
343.00 PRIME MOVERS - GENERAL	06-2034	40-R0.5 *	0	06-2034	40-R0.5 *	0	06-2034	40-R0.5 *	11
344.00 GENERATORS	06-2034	65-R1 *	(1)	06-2034	65-R1 *	(2)	06-2034	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2034	60-S0 *	(1)	06-2034	60-S0 *	(2)	06-2034	60-S0 *	(2)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2034	35-R1.5 *	(2)	06-2034	35-R1.5 *	(2)	06-2034	35-R1.5 *	(2)
<i>TOTAL INTERCESSION CITY UNITS 1 THROUGH 6</i>									
<i>INTERCESSION CITY UNITS 7 THROUGH 10</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2038	85-R1.5 *	(1)	06-2038	85-R1.5 *	(1)	06-2038	85-R1.5 *	(1)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2038	50-R1 *	(2)	06-2038	50-R1 *	(3)	06-2038	50-R1 *	(3)
343.00 PRIME MOVERS - GENERAL	06-2038	40-R0.5 *	0	06-2038	40-R0.5 *	0	06-2038	40-R0.5 *	11
343.10 PRIME MOVERS - ROTABLE PARTS	06-2038	40-R0.5 *	0	06-2038	7-L0.5 *	38	06-2038	7-L0.5 *	38
344.00 GENERATORS	06-2038	65-R1 *	(1)	06-2038	65-R1 *	(2)	06-2038	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2038	60-S0 *	(1)	06-2038	60-S0 *	(2)	06-2038	60-S0 *	(2)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2038	35-R1.5 *	(2)	06-2038	35-R1.5 *	(2)	06-2038	35-R1.5 *	(2)
<i>TOTAL INTERCESSION CITY UNITS 7 THROUGH 10</i>									
<i>INTERCESSION CITY UNIT 11</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2042	85-R1.5 *	(1)	06-2042	85-R1.5 *	(1)	06-2042	85-R1.5 *	(1)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2042	50-R1 *	(2)	06-2042	50-R1 *	(3)	06-2042	50-R1 *	(3)

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

TABLE 3. PARAMETERS

ACCOUNT	CURRENT APPROVED			DEF PROPOSED			OPC PROPOSED		
	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE
	(3)	(4)	(5)	(8)	(9)	(10)	(8)	(9)	(10)
343.00 PRIME MOVERS - GENERAL	06-2042	40-R0.5 *	0	06-2042	40-R0.5 *	0	06-2042	40-R0.5 *	11
344.00 GENERATORS	06-2042	65-R1 *	(1)	06-2042	65-R1 *	(2)	06-2042	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2042	60-S0 *	(1)	06-2042	60-S0 *	(2)	06-2042	60-S0 *	(2)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2042	35-R1.5 *	(2)	06-2042	35-R1.5 *	(2)	06-2042	35-R1.5 *	(2)
<i>TOTAL INTERCESSION CITY UNIT 11</i>									
<i>INTERCESSION CITY UNITS 12 THROUGH 14</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2045	85-R1.5 *	(1)	06-2045	85-R1.5 *	(1)	06-2045	85-R1.5 *	(1)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2045	50-R1 *	(2)	06-2045	50-R1 *	(3)	06-2045	50-R1 *	(3)
343.00 PRIME MOVERS - GENERAL	06-2045	40-R0.5 *	0	06-2045	40-R0.5 *	0	06-2045	40-R0.5 *	11
343.10 PRIME MOVERS - ROTABLE PARTS	06-2045	40-R0.5 *	0	06-2045	7-L0.5 *	38	06-2045	7-L0.5 *	38
344.00 GENERATORS	06-2045	65-R1 *	(1)	06-2045	65-R1 *	(2)	06-2045	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2045	60-S0 *	(1)	06-2045	60-S0 *	(2)	06-2045	60-S0 *	(2)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2045	35-R1.5 *	(2)	06-2045	35-R1.5 *	(2)	06-2045	35-R1.5 *	(2)
<i>TOTAL INTERCESSION CITY UNITS 12 THROUGH 14</i>									
<i>SUWANNEE RIVER PEAKING</i>									
<i>SUWANNEE RIVER UNITS 1 THROUGH 3</i>									
341.00 STRUCTURES AND IMPROVEMENTS	06-2034	85-R1.5 *	(1)	06-2034	85-R1.5 *	(1)	06-2034	85-R1.5 *	(1)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	06-2034	50-R1 *	(2)	06-2034	50-R1 *	(3)	06-2034	50-R1 *	(3)
343.00 PRIME MOVERS - GENERAL	06-2034	40-R0.5 *	0	06-2034	40-R0.5 *	0	06-2034	40-R0.5 *	11
344.00 GENERATORS	06-2034	65-R1 *	(1)	06-2034	65-R1 *	(2)	06-2034	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	06-2034	60-S0 *	(1)	06-2034	60-S0 *	(2)	06-2034	60-S0 *	(2)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	06-2034	35-R1.5 *	(2)	06-2034	35-R1.5 *	(2)	06-2034	35-R1.5 *	(2)
<i>TOTAL SUWANNEE RIVER UNITS 1 THROUGH 3</i>									
<i>UNIVERSITY OF FLORIDA COGENERATION</i>									
<i>UNIVERSITY OF FLORIDA COGENERATION</i>									
341.00 STRUCTURES AND IMPROVEMENTS	10-2027	85-R1.5 *	(1)	10-2041	85-R1.5 *	(1)	10-2041	85-R1.5 *	(1)
342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES	10-2027	50-R1 *	(2)	10-2041	50-R1 *	(3)	10-2041	50-R1 *	(3)
343.00 PRIME MOVERS - GENERAL	10-2027	40-R0.5 *	0	10-2041	40-R0.5 *	0	10-2041	40-R0.5 *	11
344.00 GENERATORS	10-2027	65-R1 *	(1)	10-2041	65-R1 *	(2)	10-2041	65-R1 *	(2)
345.00 ACCESSORY ELECTRIC EQUIPMENT	10-2027	60-S0 *	(1)	10-2041	60-S0 *	(2)	10-2041	60-S0 *	(2)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	10-2027	35-R1.5 *	(2)	10-2041	35-R1.5 *	(2)	10-2041	35-R1.5 *	(2)
<i>TOTAL UNIVERSITY OF FLORIDA COGENERATION</i>									
<i>SOLAR PRODUCTION PLANT</i>									
<i>OSCEOLA</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2046	SQUARE *	0	06-2046	SQUARE *	0	06-2046	SQUARE *	0
344.66 GENERATORS - SOLAR	06-2046	SQUARE *	0	06-2046	SQUARE *	0	06-2046	SQUARE *	0
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2046	SQUARE *	0	06-2046	SQUARE *	0	06-2046	SQUARE *	0
<i>TOTAL OSCEOLA</i>									
<i>PERRY</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2046	SQUARE *	0	06-2046	SQUARE *	0	06-2046	SQUARE *	0
344.66 GENERATORS - SOLAR	06-2046	SQUARE *	0	06-2046	SQUARE *	0	06-2046	SQUARE *	0
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2046	SQUARE *	0	06-2046	SQUARE *	0	06-2046	SQUARE *	0
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR	06-2046	SQUARE *	0	06-2046	SQUARE *	0	06-2046	SQUARE *	0
<i>TOTAL PERRY</i>									
<i>HAMILTON</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2048	SQUARE *	0	06-2048	SQUARE *	0	06-2048	SQUARE *	0
344.66 GENERATORS - SOLAR	06-2048	SQUARE *	0	06-2048	SQUARE *	0	06-2048	SQUARE *	0
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2048	SQUARE *	0	06-2048	SQUARE *	0	06-2048	SQUARE *	0
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR	06-2048	SQUARE *	0	06-2048	SQUARE *	0	06-2048	SQUARE *	0
<i>TOTAL HAMILTON</i>									
<i>SUWANNEE</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2047	SQUARE *	0	06-2047	SQUARE *	0	06-2047	SQUARE *	0
344.66 GENERATORS - SOLAR	06-2047	SQUARE *	0	06-2047	SQUARE *	0	06-2047	SQUARE *	0
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2047	SQUARE *	0	06-2047	SQUARE *	0	06-2047	SQUARE *	0
<i>TOTAL SUWANNEE</i>									
<i>DEBARY</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2050	SQUARE *	0	06-2050	SQUARE *	0	06-2050	SQUARE *	0
344.66 GENERATORS - SOLAR	06-2050	SQUARE *	0	06-2050	SQUARE *	0	06-2050	SQUARE *	0
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2050	SQUARE *	0	06-2050	SQUARE *	0	06-2050	SQUARE *	0
<i>TOTAL DEBARY</i>									
<i>LAKE PLACID</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2049	SQUARE *	0	06-2049	SQUARE *	0	06-2049	SQUARE *	0
344.66 GENERATORS - SOLAR	06-2049	SQUARE *	0	06-2049	SQUARE *	0	06-2049	SQUARE *	0
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2049	SQUARE *	0	06-2049	SQUARE *	0	06-2049	SQUARE *	0
<i>TOTAL LAKE PLACID</i>									
<i>TRENTON</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2049	SQUARE *	0	06-2049	SQUARE *	0	06-2049	SQUARE *	0
344.66 GENERATORS - SOLAR	06-2049	SQUARE *	0	06-2049	SQUARE *	0	06-2049	SQUARE *	0
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2049	SQUARE *	0	06-2049	SQUARE *	0	06-2049	SQUARE *	0
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR	06-2049	SQUARE *	0	06-2049	SQUARE *	0	06-2049	SQUARE *	0
<i>TOTAL TRENTON</i>									
<i>COLUMBIA</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2050	SQUARE *	0	06-2050	SQUARE *	0	06-2050	SQUARE *	0
344.66 GENERATORS - SOLAR	06-2050	SQUARE *	0	06-2050	SQUARE *	0	06-2050	SQUARE *	0
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2050	SQUARE *	0	06-2050	SQUARE *	0	06-2050	SQUARE *	0
346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR	06-2050	SQUARE *	0	06-2050	SQUARE *	0	06-2050	SQUARE *	0
<i>TOTAL COLUMBIA</i>									
<i>DUETTE</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2051	SQUARE *	0	06-2051	SQUARE *	0	06-2056	SQUARE *	0
344.66 GENERATORS - SOLAR	06-2051	SQUARE *	0	06-2051	SQUARE *	0	06-2056	SQUARE *	0
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2051	SQUARE *	0	06-2051	SQUARE *	0	06-2056	SQUARE *	0
<i>TOTAL DUETTE</i>									
<i>SANTA FE</i>									
341.66 STRUCTURES AND IMPROVEMENTS - SOLAR	06-2051	SQUARE *	0	06-2051	SQUARE *	0	06-2056	SQUARE *	0
344.66 GENERATORS - SOLAR	06-2051	SQUARE *	0	06-2051	SQUARE *	0	06-2056	SQUARE *	0
345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2051	SQUARE *	0	06-2051	SQUARE *	0	06-2056	SQUARE *	0

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

DUKE ENERGY FLORIDA

TABLE 3. PARAMETERS

ACCOUNT	CURRENT APPROVED			DEF PROPOSED			OPC PROPOSED			
	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE	
	(3)	(4)	(5)	(8)	(9)	(10)	(8)	(9)	(10)	
TOTAL SANTA FE										
<i>TWIN RIVERS</i>										
341.66	STRUCTURES AND IMPROVEMENTS - SOLAR	06-2051	SQUARE *	0	06-2051	SQUARE *	0	06-2056	SQUARE *	0
344.66	GENERATORS - SOLAR	06-2051	SQUARE *	0	06-2051	SQUARE *	0	06-2056	SQUARE *	0
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2051	SQUARE *	0	06-2051	SQUARE *	0	06-2056	SQUARE *	0
<i>TOTAL TWIN RIVERS</i>										
<i>ST PETE PIER</i>										
344.66	GENERATORS - SOLAR	06-2049	SQUARE *	0	06-2049	SQUARE *	0	06-2049	SQUARE *	0
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2049	SQUARE *	0	06-2049	SQUARE *	0	06-2049	SQUARE *	0
<i>TOTAL ST PETE PIER</i>										
<i>BAY TRAIL</i>										
341.66	STRUCTURES AND IMPROVEMENTS - SOLAR	06-2052	SQUARE *	0	06-2052	SQUARE *	0	06-2057	SQUARE *	0
344.66	GENERATORS - SOLAR	06-2052	SQUARE *	0	06-2052	SQUARE *	0	06-2057	SQUARE *	0
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2052	SQUARE *	0	06-2052	SQUARE *	0	06-2057	SQUARE *	0
<i>TOTAL BAY TRAIL</i>										
<i>FORT GREEN</i>										
341.66	STRUCTURES AND IMPROVEMENTS - SOLAR	06-2052	SQUARE *	0	06-2052	SQUARE *	0	06-2057	SQUARE *	0
344.66	GENERATORS - SOLAR	06-2052	SQUARE *	0	06-2052	SQUARE *	0	06-2057	SQUARE *	0
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2052	SQUARE *	0	06-2052	SQUARE *	0	06-2057	SQUARE *	0
<i>TOTAL FORT GREEN</i>										
<i>SANDY CREEK</i>										
341.66	STRUCTURES AND IMPROVEMENTS - SOLAR	06-2052	SQUARE *	0	06-2052	SQUARE *	0	06-2057	SQUARE *	0
344.66	GENERATORS - SOLAR	06-2052	SQUARE *	0	06-2052	SQUARE *	0	06-2057	SQUARE *	0
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2052	SQUARE *	0	06-2052	SQUARE *	0	06-2057	SQUARE *	0
<i>TOTAL SANDY CREEK</i>										
<i>CHARLIE CREEK</i>										
341.66	STRUCTURES AND IMPROVEMENTS - SOLAR	06-2052	SQUARE *	0	06-2052	SQUARE *	0	06-2057	SQUARE *	0
344.66	GENERATORS - SOLAR	06-2052	SQUARE *	0	06-2052	SQUARE *	0	06-2057	SQUARE *	0
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2052	SQUARE *	0	06-2052	SQUARE *	0	06-2057	SQUARE *	0
<i>TOTAL CHARLIE CREEK</i>										
<i>NEW SOLAR 2023</i>										
341.66	STRUCTURES AND IMPROVEMENTS - SOLAR	06-2052	SQUARE *	0	06-2053	SQUARE *	0	06-2058	SQUARE *	0
344.66	GENERATORS - SOLAR	06-2052	SQUARE *	0	06-2053	SQUARE *	0	06-2058	SQUARE *	0
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2052	SQUARE *	0	06-2053	SQUARE *	0	06-2058	SQUARE *	0
346.66	MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR	06-2052	SQUARE *	0	06-2053	SQUARE *	0	06-2058	SQUARE *	0
<i>TOTAL NEW SOLAR 2023</i>										
<i>NEW SOLAR 2024</i>										
341.66	STRUCTURES AND IMPROVEMENTS - SOLAR	06-2052	SQUARE *	0	06-2054	SQUARE *	0	06-2059	SQUARE *	0
344.66	GENERATORS - SOLAR	06-2052	SQUARE *	0	06-2054	SQUARE *	0	06-2059	SQUARE *	0
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR	06-2052	SQUARE *	0	06-2054	SQUARE *	0	06-2059	SQUARE *	0
346.66	MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR	06-2052	SQUARE *	0	06-2054	SQUARE *	0	06-2059	SQUARE *	0
<i>TOTAL NEW SOLAR 2024</i>										
348.00	BATTERY STORAGE		15-S3	0		10-S3	0		15-S3	0
TRANSMISSION PLANT										
350.01	RIGHTS OF WAY		75-R3	0		75-R3	0		75-R3	0
352.00	STRUCTURES AND IMPROVEMENTS		75-R2.5	(15)		75-R2.5	(15)		75-R2.5	(15)
353.00	STATION EQUIPMENT		53-R0.5	0		53-R0.5	(5)		53-R0.5	(5)
353.01	STATION EQUIPMENT - STEP-UP TRANSFORMERS		53-R0.5	0		30-R1.5	(5)		30-R1.5	(5)
353.02	STATION EQUIPMENT - MAJOR EQUIPMENT		53-R0.5	0		30-R1.5	(5)		30-R1.5	(5)
353.91	STATION EQUIPMENT - ENERGY CONTROL		17-L2	0		36-S0.5	0		30-S0.5	0
354.00	TOWERS AND FIXTURES		65-R3	(25)		70-R3	(50)		70-R3	(50)
355.00	POLES AND FIXTURES		38-R2	(25)		50-R2	(50)		50-R2	(50)
356.00	OVERHEAD CONDUCTORS AND DEVICES		55-R1.5	(20)		60-R1	(50)		60-R1	(50)
357.00	UNDERGROUND CONDUIT		55-R3	0		55-R3	0		55-R3	0
358.00	UNDERGROUND CONDUCTORS AND DEVICES		50-R3	0		55-R3	0		55-R3	0
359.00	ROADS AND TRAILS		90-R3	0		75-R3	0		75-R3	0
DISTRIBUTION PLANT										
360.01	RIGHTS OF WAY		75-R3	0		75-R3	0		75-R3	0
361.00	STRUCTURES AND IMPROVEMENTS		75-R2	(10)		65-R2.5	(10)		65-R2.5	(10)
362.00	STATION EQUIPMENT		60-R0.5	(10)		50-R1	(10)		50-R1	(10)
363.00	ENERGY STORAGE EQUIPMENT			0		10-S3	0		15-S3	0
364.00	POLES, TOWERS AND FIXTURES		32-R4	(35)		40-R3	(75)		40-R3	(75)
365.00	OVERHEAD CONDUCTORS AND DEVICES		36-R0.5	(20)		45-R1	(50)		45-R1	(50)
365.01	OVERHEAD CONDUCTORS AND DEVICES - CLEARING RIGHTS OF WAY		36-R0.5	(20)		45-R1	(50)		45-R1	(50)
366.00	UNDERGROUND CONDUIT		67-R2.5	(5)		70-R3	(10)		70-R3	(10)
367.00	UNDERGROUND CONDUCTORS AND DEVICES		35-R2	(5)		50-R1	(15)		50-R1	(15)
368.00	LINE TRANSFORMERS		31-R2	(10)		35-R0.5	(15)		35-R0.5	(15)
369.01	SERVICES - UNDERGROUND		43-R0.5	(5)		40-R2.5	(15)		40-R2.5	(15)
369.02	SERVICES - OVERHEAD		34-R3	(40)		40-R2.5	(20)		40-R2.5	(20)
370.00	METERS		18-R0.5	(8)		25-R1	(10)		25-R1	(10)
370.02	METERS - AMI		15-S2.5	0		15-R2.5	(10)		15-R2.5	(10)
370.70	EV CHARGERS - DC FAST CHARGERS		15-S2.5	0		10-R2.5	0		10-R2.5	0
371.00	INSTALLATIONS ON CUSTOMERS' PREMISES		25-R2	0		25-R2	(15)		25-R2	(15)
371.70	EV CHARGERS - L2 CHARGERS			0		7-R2.5	0		7-R2.5	0
373.00	STREET LIGHTING AND SIGNAL SYSTEMS		25-S0	(10)		25-S0	(15)		25-S0	(15)
GENERAL PLANT										
390.00	STRUCTURES AND IMPROVEMENTS		35-R0.5	(5)		35-R0.5	(5)		35-R0.5	(5)
392.10	PASSENGER CARS		9-R3	20		9-R3	20		9-R3	20
392.20	LIGHT TRUCKS		9-S3	20		9-S3	20		9-S3	20
392.30	HEAVY TRUCKS		12-S2	20		12-S2	20		12-S2	20
392.40	SPECIAL TRUCKS		15-L2.5	20		15-L2.5	20		15-L2.5	20
392.50	TRAILERS		22-S0	0		22-S0	0		22-S0	0
396.00	POWER OPERATED EQUIPMENT		18-L1.5	5		18-L1.5	5		18-L1.5	5

* CURVE SHOWN IS INTERIM SURVIVOR CURVE. LIFE SPAN METHOD IS USED.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for rate increase by Duke Energy
Florida, LLC.

Docket No. 20240025-EI

Dated: May 15, 2024

**DUKE ENERGY FLORIDA, LLC’S RESPONSE TO
CITIZENS’ TENTH SET OF INTERROGATORIES (NOS. 245-276)**

Duke Energy Florida, LLC (“DEF”) responds to the Citizens of the State of Florida, through the Office of Public Counsel’s (“Citizens” or “OPC”) Tenth Set of Interrogatories to DEF (Nos. 245-276), as follows:

INTERROGATORIES

245. **Dismantlement Cost.** Please refer to the Direct Testimony of Jeffery T. Kopp.

Please list the 5 most recent projects in which Jeffrey Kopp participated which were the actual physical dismantlement of a utility-owned production unit. If none, so state. For each such project provide the name of the unit, the location of the unit, the MW of the unit, the type of the unit (coal fired steam, combustion turbine, etc.), the name of the utility which owned the unit, and the year(s) it was physically dismantled. Fully describe Jeffrey Kopp’s role in this physical dismantlement.

Response:

Jeffrey Kopp has not participated in projects during the physical dismantlement of a utility-owned production unit.

246. **Dismantlement Cost.** Please refer to the Direct Testimony of Jeffery T. Kopp.

Please list the 5 most recent projects in which 1898 & Co. participated which were the actual physical dismantlement of a utility-owned production unit. If none, so state. For each such project provide the name of the unit, the location of the unit, the MW of the unit, the type of the unit (coal fired steam, combustion turbine, etc.), the name of the utility which owned the unit, and the year(s) it was physically dismantled. Fully describe 1898 & Co.’s role in this physical dismantlement.

Response:

1898 & Co. has not participated in projects during the actual physical dismantlement of a utility-owned production unit.

247. **Dismantlement Cost.** Page 17, lines 21-22, of Jeffrey Kopp’s Direct Testimony states:

Q. Did 1898 & Co. apply any cost escalation factor to these estimates?

A. No, we did not. All of the estimates are in year 2022 dollars.

However, page 61 of Jeffrey Kopp’s Exhibit No. JTK-2 shows the calculation of the inflated “Future Dollar Cost”.

Please reconcile these two statements.

Response:

1898 & Co. provided dismantlement costs in 2022 dollars, and DEF's internal Asset Accounting team escalated those costs to 2025 dollars, consistent with treatment in prior dismantlement studies.

248. **Dismantlement Cost.** Please refer to page 13 of Exhibit No. JTK-2, which refers to Citrus County CC.

- a. What annual inflation rate was used to increase the amount in the “Labor” column on the line “Future 1st Year Expense” from the amount on the “Cost @ 2025 \$’s” row?
- b. What annual rate was used to decrease the amount in the “Labor” column on the line “PV of Amount to Accrue” from the amount on the “Amount to Accrue” row?).
- c. What annual inflation rate was used to increase the amount in the “Labor” column between the “2025” row and the “2026” row?
- d. What annual inflation rate was used to increase the amount in the “Labor” column between the “2035” row and the “2036” row?

Response:

- a. The formula is 50% of the cost at 2025 times inflation rate of 2.3883 (rounded to nearest ten-thousandths).
- b. 2.72%, rounded to the nearest hundredth, listed on page 13 on the "Compounded Inflation" line.
- c. 2.72%, rounded to the nearest hundredth, listed on page 13 on the "Compounded Inflation" line.

DUKE ENERGY FLORIDA, LLC 2023 FINAL DISMANTLEMENT COST STUDY



**Duke Energy Florida
 2022 Dismantlement Study
 Proposed Reserve Adjustments - Residual Reserve Balances**

Docket No. 20240025-EI
 Duke Energy Florida
 Witness: Jeff T. Kopp
 Exhibit No. JTK-2
 (Page 74 of 187)

Transfer of Residual Reserve from:

	<u>Accumulated Reserve (12/31/24 projected)</u>	<u>Future to Dismantle</u>	<u>Surplus/(Deficit)</u>	<u>Function</u>
Avon Park Gas Turbine	670,671	-	670,671	OTHER PROD
Crystal River South Units 1 & 2	8,624,656	-	8,624,656	STEAM
Crystal River Helper Cooling Towers	(640,794)	-	(640,794)	STEAM
Higgins - Peakers	(426,720)	-	(426,720)	OTHER PROD
Suwannee - Steam units 1 - 3	(1,056,312)	-	(1,056,312)	STEAM
<hr/>				
Steam Function	6,927,550		6,927,550	
Other Production Function	243,951		243,951	
	7,171,501	-	7,171,501	

Transfer of Residual Reserve to:

	<i>A</i>	<i>B</i>	<i>C=A-B</i>	<i>D</i>	<i>E</i>	<i>F=A+D+E</i>
	<u>Accumulated Reserve (before adjustments)</u>	<u>Future to Dismantle</u>	<u>Deficit</u>	<u>Allocation of Residual Reserves</u>	<u>Adjustments due to Theoretical Reserve analysis</u>	<u>Adjusted 12/31/24 Reserve Balances (for plants receiving portion of residual reserve balances)</u>
Anclote	21,524,859	35,842,087	(14,317,228)	6,927,550	17	28,452,426
Bartow CT	830,083	2,659,659	(1,829,576)	243,951	15,217	1,089,251
	22,354,942	38,501,746	(16,146,804)	7,171,501	15,234	29,541,677

NOTES:

D (above): allocation based on similar production facilities (i.e. steam), adjusted based on theoretical reserve analysis.

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED
ORDER NO. PSC-2021-0202A-AS-EI
DOCKET NOS. 20190110-EI, 20190222-EI,
AND 20210016-EI
PAGE 45

Attachment A

EXHIBIT 6

DISMANTLEMENT STUDY



PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED
ORDER NO. PSC-2021-0202A-AS-EI
DOCKET NOS. 20190110-EI, 20190222-EI,
AND 20210016-EI
PAGE 46

Attachment A

Duke Energy Florida
2021 Settlement Agreement
Exhibit No. 6
Page 1 of 142

DUKE ENERGY FLORIDA, LLC
DISMANTLEMENT STUDY



PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED
ORDER NO. PSC-2021-0202A-AS-EI
DOCKET NOS. 20190110-EI, 20190222-EI,
AND 20210016-EI
PAGE 47

Attachment A

Duke Energy Florida
2021 Settlement Agreement
Exhibit No. 6
Page 2 of 142

**Duke Energy Florida
2020 Fossil Plant Dismantlement Cost Study**

TABLE OF CONTENTS

Section Number:

- 1 Dismantlement study summary
- 2 Determination of annual accrual for dismantlement
- 3 Calculation of future dollar dismantlement cost by plant
- 4 Proposed reserve adjustments
- 5 Calculation of inflation indices
- 6 Analysis of annual accruals
- 7 Calculation of solar sites using Burns & McDonnell normalized cost
- 8 Burns & McDonnell 2020 Dismantlement Cost Study

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED
 ORDER NO. PSC-2021-0202A-AS-EI
 DOCKET NOS. 20190110-EI, 20190222-EI,
 AND 20210016-EI
 PAGE 103

Attachment A

Duke Energy Florida
 2021 Settlement Agreement
 Exhibit No. 6
 Page 58 of 142

**Progress Energy Florida
 2018 Dismantlement Study
 Proposed Reserve Adjustments - Residual Reserve Balances**

Transfer of Residual Reserve from:

	Accumulated Reserve (12/31/21 projected)	Future to Dismantle	Surplus/(Deficit)	Function
Bartow Steam	21,864,962	-	21,864,962	STEAM
Bartow-Anclote Pipeline	6,425,683	-	6,425,683	OTHER PROD
Higgins Steam	(45,195)	-	(45,195)	STEAM
Rio Pinar	32,935	-	32,935	OTHER PROD
Suwannee Steam	1,023,071	-	1,023,071	STEAM
Turner Steam	(21,494)	-	(21,494)	OTHER PROD
Turner Gas Turbine 1 & 2	(2,342,178)	-	(2,342,178)	OTHER PROD
Turner Gas Turbine 3 & 4	(1,740,619)	-	(1,740,619)	OTHER PROD
Steam Function	22,842,839	-	22,842,839	
Other Production Function	2,354,327	-	2,354,327	
	25,197,166	-	25,197,166	

Transfer of Residual Reserve to:

	A	B	C=A-B	D	E	F=A+D+E
	Accumulated Reserve (before adjustments)	Future to Dismantle	Deficit	Allocation of Residual Reserves	Adjustments due to Theoretical Reserve analysis	Adjusted 12/31/21 Reserve Balances (for plants receiving portion of residual reserve balances)
Anclote	13,338,662	25,481,840	(12,143,178)	5,974,736	65,695	19,379,092
CR 182	(524,421)	16,343,682	(16,868,103)	16,868,103	-	16,343,682
Avon Park	(2,667,144)	-	(2,667,144)	2,354,327	4,363	(308,454)
	10,147,097	41,825,522	(31,678,425)	25,197,166	70,057	35,414,320

NOTES:
 D (above): allocation based on similar production facilities (i.e. steam), adjusted based on theoretical reserve analysis.

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

**Progress Energy Florida
 Calculation of Jurisdictional Impact**

OPC DISMANTLEMENT STUDY RESULTS

	Annual Accrual			2025 \$ Dismantlement Estimate			Future \$ Dismantlement Estimate		
	System	Separation Factor	Retail	System	Separation Factor	Retail	System	Separation Factor	Retail
ALL PLANTS	9,826,338		9,792,545	197,869,883		196,524,656	389,363,194		386,860,827
Anclole	357,019	95.212%	339,925	17,238,503	95.212%	16,413,123	34,195,953	95.212%	32,558,651
Avon Park Gas Turbine	-	97.632%	-	-	97.632%	-	-	97.632%	-
Bartow (CT)	49,307	97.632%	48,139	1,419,511	97.632%	1,385,897	1,593,910	97.632%	1,556,166
Bartow (CC)	653,164	100.000%	653,164	14,188,345	100.000%	14,188,345	34,314,372	100.000%	34,314,372
Bayboro	-	97.632%	-	574,123	97.632%	560,528	574,123	97.632%	560,528
Citrus County CC	170,600	100.000%	170,600	(6,257)	100.000%	(6,257)	19,719,131	100.000%	19,719,131
Crystal River North Units 1 & 2	-	100.000%	-	-	100.000%	-	-	100.000%	-
Crystal River North Units 4 & 5	1,333,661	100.000%	1,333,661	35,092,361	100.000%	35,092,361	51,632,024	100.000%	51,632,024
Crystal River Common	1,495,763	100.000%	1,495,763	29,577,443	100.000%	29,577,443	37,867,573	100.000%	37,867,573
Crystal River Helper Cooling Towers	-	100.000%	-	-	100.000%	-	-	100.000%	-
Crystal River Mariculture	20,405	100.000%	20,405	1,308,108	100.000%	1,308,108	1,680,579	100.000%	1,680,579
Debary Gas Turbine units 1 - 6	14,860	97.632%	14,509	1,322,222	97.632%	1,290,912	1,545,537	97.632%	1,508,939
Debary Gas Turbine units 7 - 10	134,444	97.632%	131,261	4,576,454	97.632%	4,468,084	7,361,705	97.632%	7,187,380
Higgins - Peakers	-	97.632%	-	-	97.632%	-	-	97.632%	-
Hines PB1	63,733	100.000%	63,733	1,123,158	100.000%	1,123,158	3,235,647	100.000%	3,235,647
Hines PB2	61,097	100.000%	61,097	916,261	100.000%	916,261	3,527,104	100.000%	3,527,104
Hines PB3	73,717	100.000%	73,717	1,132,829	100.000%	1,132,829	4,382,490	100.000%	4,382,490
Hines PB4	465,814	100.000%	465,814	11,069,546	100.000%	11,069,546	23,755,178	100.000%	23,755,178
Intercession City Units 1 - 6	9,709	97.632%	9,479	316,294	97.632%	308,804	852,932	97.632%	832,735
Intercession City Units 7 -10	11,445	97.632%	11,174	132,107	97.632%	128,979	913,812	97.632%	892,173
Intercession City Units 11	7,626	97.632%	7,446	127,384	97.632%	124,368	550,958	97.632%	537,911
Intercession City Units 12 -14	268,346	97.632%	261,991	8,007,216	97.632%	7,817,605	14,579,720	97.632%	14,234,472
Osceola Solar	28,479	100.000%	28,479	575,393	100.000%	575,393	1,087,252	100.000%	1,087,252
Osprey CC	144,272	100.000%	144,272	2,674,814	100.000%	2,674,814	7,561,945	100.000%	7,561,945
Perry Solar	35,706	100.000%	35,706	707,720	100.000%	707,720	1,380,652	100.000%	1,380,652
Suwannee Solar	38,014	100.000%	38,014	781,450	100.000%	781,450	1,621,662	100.000%	1,621,662
Hamilton Solar	0	100.000%	-	4	100.000%	4	7	100.000%	7
Lake Placid Solar	0	100.000%	-	4	100.000%	4	7	100.000%	7
Trenton Solar	0	100.000%	-	4	100.000%	4	7	100.000%	7
Debary Solar	448,780	100.000%	448,780	8,700,556	100.000%	8,700,556	18,685,128	100.000%	18,685,128
Columbia Solar	0	100.000%	-	4	100.000%	4	7	100.000%	7
Twin Rivers Solar	0	100.000%	-	4	100.000%	4	7	100.000%	7
Santa Fe Solar	318,036	100.000%	318,036	6,336,341	100.000%	6,336,341	14,622,807	100.000%	14,622,807
Duette Solar	304,464	100.000%	304,464	5,923,558	100.000%	5,923,558	14,229,078	100.000%	14,229,078
Charlie Creek Solar	345,198	100.000%	345,198	6,796,998	100.000%	6,796,998	16,084,490	100.000%	16,084,490
Bay Ranch Solar	132,205	100.000%	132,205	2,568,572	100.000%	2,568,572	6,252,239	100.000%	6,252,239
Bay Trail Solar	0	100.000%	-	4	100.000%	4	7	100.000%	7
Cape San Blas Storage	408,663	100.000%	408,663	2,852,841	100.000%	2,852,841	3,459,999	100.000%	3,459,999
Falmouth Solar	134,383	100.000%	134,383	2,521,231	100.000%	2,521,231	6,456,527	100.000%	6,456,527
Fort Green Solar	0	100.000%	-	4	100.000%	4	7	100.000%	7
Hardeetown Solar	132,469	100.000%	132,469	2,544,614	100.000%	2,544,614	6,088,587	100.000%	6,088,587
High Springs Solar	130,301	100.000%	130,301	2,497,248	100.000%	2,497,248	5,999,046	100.000%	5,999,046
Hildreth Solar	134,827	100.000%	134,827	2,579,485	100.000%	2,579,485	6,215,727	100.000%	6,215,727
Jennings Energy Solar	100,855	100.000%	100,855	703,916	100.000%	703,916	853,928	100.000%	853,928
Johns Hopkins Microgrid	784,397	100.000%	784,397	6,208,729	100.000%	6,208,729	7,501,627	100.000%	7,501,627
Micanopy Energy Storage	479,008	100.000%	479,008	3,387,431	100.000%	3,387,431	4,033,402	100.000%	4,033,402
Mule Creek Solar	137,692	100.000%	137,692	2,596,053	100.000%	2,596,053	6,590,714	100.000%	6,590,714
Sandy Creek Solar	0	100.000%	-	4	100.000%	4	7	100.000%	7
County Line	125,381	100.000%	125,381	2,365,508	100.000%	2,365,508	5,981,514	100.000%	5,981,514
St Pete Pier Solar	3,182	100.000%	3,182	52,731	100.000%	52,731	148,094	100.000%	148,094
Trenton Storage	1	100.000%	1	4	100.000%	4	4	100.000%	4
Winquepin Solar	134,452	100.000%	134,452	2,522,731	100.000%	2,522,731	6,459,437	100.000%	6,459,437
Suwannee - CT 1 - 3	44,192	97.632%	43,145	1,207,214	97.632%	1,178,627	1,825,881	97.632%	1,782,644
Tiger Bay Combined Cycle	81,687	95.212%	77,775	2,112,063	95.212%	2,010,937	3,329,890	95.212%	3,170,455
University of Florida Gas Turbine	8,982	100.000%	8,982	537,042	100.000%	537,042	610,760	100.000%	610,760

Federal Reserve BULLETIN

September 2020
Vol. 106, No. 5

Board of Governors of the Federal Reserve System

www.federalreserve.gov



Changes in U.S. Family Finances from 2016 to 2019: Evidence from the Survey of Consumer Finances

Neil Bhutta, Jesse Bricker, Andrew C. Chang, Lisa J. Dettling, Sarena Goodman, Joanne W. Hsu, Kevin B. Moore, Sarah Reber, Alice Henriques Volz, and Richard A. Windle, of the Board's Division of Research and Statistics, prepared this article with assistance from Kathy Bi, Jacqueline Blair, Julia Hewitt, and Dalton Ruh.

The Federal Reserve Board's triennial Survey of Consumer Finances (SCF) collects information about family income, net worth, balance sheet components, credit use, and other financial outcomes.¹ The 2019 SCF reveals improvements in economic well-being among large parts of the income and wealth distributions since the previous time the survey was conducted in 2016, and many groups with historically lower income and wealth saw relatively large gains.²

During the three years between the beginning of the 2016 and 2019 surveys, real gross domestic product grew at an annual rate of 2.5 percent, and the civilian unemployment rate fell from 5.0 percent to 3.8 percent.³ These changes in aggregate economic performance were unevenly reflected in the income of families with different characteristics. Several observations from the SCF about real family income, which is measured for the year before the survey, stand out:

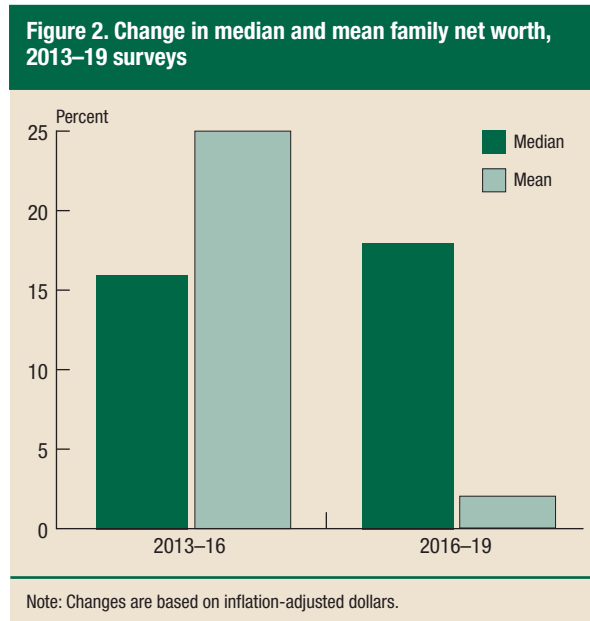
- Between 2016 and 2019, median family income rose 5 percent, and mean family income decreased 3 percent ([figure 1](#)). These changes suggest that the income distribution narrowed slightly over the period, particularly as the decrease in mean income was mainly driven by families in the top 1 percent of the income distribution (see [box 1](#), "The Data Used in This Article"). These patterns stand in contrast to the 2010–16 period, during which mean income growth vastly outpaced median income growth and the income distribution widened considerably.
- Between 2016 and 2019, families that were high wealth, had a college education, or identified as White non-Hispanic experienced proportionally smaller income growth than other groups of families but continued to have the highest income:

¹ For a general description of the SCF data, see [box 1](#), "The Data Used in This Article." The appendix provides a summary of key technical aspects of the survey.

² For a detailed discussion of the 2016 survey as well as references to earlier surveys, see Jesse Bricker, Lisa J. Dettling, Alice Henriques, Joanne W. Hsu, Lindsay Jacobs, Kevin B. Moore, Sarah Pack, John Sabelhaus, Jeffrey Thompson, and Richard Windle (2017), "Changes in U.S. Family Finances from 2013 to 2016: Evidence from the Survey of Consumer Finances," *Federal Reserve Bulletin*, vol. 103 (September), <https://www.federalreserve.gov/publications/files/scf17.pdf>.

³ Against this backdrop, the annual rate of change in the consumer price index averaged 2.2 percent. Changes in aggregate statistics reported here are measured from March to March or first quarter to first quarter of the respective survey years, just before the beginning of the field period for each survey.

- Wealth continued to increase among families with either a high school diploma or some college. However, families without a high school diploma, which saw the largest proportional gains in median and mean net worth between 2013 and 2016, saw the largest drops between 2016 and 2019.
- The homeownership rate increased between 2016 and 2019 to 64.9 percent, a reversal of the declining trend between 2004 and 2016. For families that own a home, the median net housing value (the value of a home minus home-secured debt) rose to about \$120,000 from about \$106,000 in 2016.
- Nearly two-thirds of working-age families participated in retirement plans in 2019, down slightly from 2016. Participation continued to be uneven across the income distribution. Less than 40 percent of families in the bottom half of the income distribution were in a retirement plan, compared with more than 80 percent of upper-middle-income families and more than 90 percent of families in the top decile of income.
- Ownership rates of corporate equities increased between 2016 and 2019, driven by families in the lower half of the income distribution. Still, less than one-third of lower-income families in 2019 were participating in the stock market, compared with about 70 percent of upper-middle-income families and more than 90 percent of families in the top decile of the income distribution.
- About 13 percent of families in the 2019 SCF owned a privately held business, similar to 2016. Business ownership increases with income, and nearly 40 percent of families in the top decile of the income distribution owned a business.



Between 2016 and 2019, average consumer loan interest rates for major types of debt increased: The average 30-year, fixed-rate mortgage interest rate rose from 3.7 percent to 4.3 percent, the average new vehicle loan interest rate rose from 4.2 percent to 5.5 percent, and the average credit card interest rate rose from 12.3 percent to 15.1 percent.⁶ While the fraction of families with any kind of debt basically held steady between 2016 and 2019, debt balances among families with debt increased:

- Overall, debt obligations increased modestly between 2016 and 2019. Among families with debt, median debt rose 2 percent, and mean debt increased 7 percent.
- Debt secured by residential property increased substantially between 2016 and 2019. About 42 percent of families in both 2016 and 2019 had debt secured by their primary residence, and the median value of this debt increased 14 percent to \$134,800.

⁶ Changes in the mortgage interest rate are measured from March to March of the respective survey years using the contract rate on 30-year, fixed-rate conventional home mortgage commitments published by the Federal Home Loan Mortgage Corporation, while changes in the vehicle loan and credit card interest rates are measured from the first quarter to the first quarter of the respective survey years using the G.19 data on commercial bank interest rates published by the Federal Reserve Board.

Box 7. Homeownership and Net Housing Wealth—continued

along with the group’s increase in homeownership rates, contributed to the group’s growth in wealth.

For the upper-middle-income group, the median net housing value increased 9 percent. Meanwhile, the top income group saw a net housing value decline of 6 percent. These changes stand in contrast to the patterns in 2013 and 2016, where higher-income households gained more.

Table B. Median net housing value for homeowners, 2013–19 surveys

Thousands of 2019 dollars

Percentile of usual income	2013	2016	2019
All	87.9	106.4	120.0
0–49.9	65.9	74.5	89.0
50–89.9	84.3	103.6	113.0
90–100	274.5	367.4	346.0

¹ The homeownership rate in 1989 was 63.9 percent. It rose to a peak of 69.1 percent in 2004.

² SCF respondents are asked to report the value of their home. Only primary residences are included. Debts on the home include any mortgages or home equity loans against the primary residence.

Debt, Debt Burden, and Credit Market Experiences

The share of families holding any type of debt held steady between 2016 and 2019, at roughly 77 percent (table 4).³⁷ The conditional median value of debt increased 2 percent to nearly \$65,000, and the conditional mean value increased 7 percent to more than \$140,000.

Table 4. Holding and values of debt items, 2016 and 2019 surveys

Thousands of 2019 dollars, except as noted

Types of debts	Percent holding		Conditional median value			Conditional mean value		
	2016	2019	2016	2019	Percentage change 2016–19	2016	2019	Percentage change 2016–19
Any debt	77.1	76.6	63.6	64.8	2	131.2	140.6	7
Secured by residential property								
Primary residence	41.9	42.1	118.1	134.8	14	167.7	180.8	8
Other	5.6	4.7	106.4	122.0	15	170.8	205.9	21
Lines of credit not secured by residential property	1.8	1.5	3.2	2.0	-37	59.2	40.4	-32
Installment loans								
Education loans	22.4	21.5	20.2	22.3	10	36.4	40.3	11
Vehicle loans	33.8	36.9	13.6	13.1	-4	18.3	17.6	-4
Other installment loans	11.2	10.5	3.6	3.8	5	16.4	20.6	26
Credit card balances	43.9	45.4	2.4	2.7	10	6.1	6.3	3
Other	5.4	5.2	5.3	5.0	-6	28.5	24.7	-13

Note: See the appendix for definitions of liability categories used in the Survey of Consumer Finances.

³⁷ For a discussion of the resources that families use when making borrowing and investment decisions, see box 10, “Shopping for Financial Services.” See the appendix for a detailed definition of SCF liability categories.



FEDERAL RESERVE statistical release

G.19

Consumer Credit
 January 2023

For release at **3 p.m.** (Eastern Time)
 March 7, 2023

In January, consumer credit increased at a seasonally adjusted annual rate of 3.7 percent. Revolving credit increased at an annual rate of 11.1 percent, while nonrevolving credit increased at an annual rate of 1.2 percent.

Consumer Credit Outstanding¹

Seasonally adjusted. Billions of dollars except as noted.

	2018	2019	2020	2021 ^r	2022 ^r	2021	2022					2023	
						Q4 ^r	Q1 ^r	Q2 ^r	Q3 ^r	Q4 ^r	Nov ^r	Dec ^r	Jan ^p
Total percent change (annual rate) ²	4.5	4.6	-0.3	5.9	7.9	6.9	8.4	8.7	6.7	7.0	9.1	2.7	3.7
Revolving	3.7	3.6	-11.2	6.9	15.5	12.7	17.0	14.6	12.6	14.3	19.4	6.9	11.1
Nonrevolving ³	4.8	5.0	3.5	5.6	5.6	5.2	5.8	6.8	4.8	4.5	5.8	1.3	1.2
Total flow (annual rate) ^{2,4}	172.7	185.1	-12.0	246.0	350.0	302.5	372.5	391.9	308.5	327.2	433.0	128.3	177.6
Revolving	37.3	38.1	-122.1	67.7	161.2	128.3	177.6	159.1	141.4	166.7	228.2	83.0	134.0
Nonrevolving ³	135.3	147.0	110.1	178.3	188.8	174.2	194.9	232.8	167.1	160.6	204.8	45.3	43.6
Total outstanding	4,007.0	4,192.2	4,184.9	4,430.8	4,780.8	4,430.8	4,523.9	4,621.9	4,699.0	4,780.8	4,770.2	4,780.8	4,795.6
Revolving	1,053.8	1,092.0	974.6	1,042.2	1,203.4	1,042.2	1,086.6	1,126.4	1,161.8	1,203.4	1,196.5	1,203.4	1,214.6
Nonrevolving ³	2,953.2	3,100.2	3,210.3	3,388.6	3,577.4	3,388.6	3,437.3	3,495.5	3,537.3	3,577.4	3,573.6	3,577.4	3,581.0

Terms of Credit

Not seasonally adjusted. Percent except as noted.

Commercial bank interest rates⁵

New car loans

60-month	5.02	5.31	5.02	4.82	5.36	4.67	4.52	4.85	5.50	6.55	6.55	n.a.	n.a.
72-month	5.13	5.36	5.21	4.82	5.50	4.64	4.54	5.19	5.61	6.64	6.64	n.a.	n.a.

Credit card plans

All accounts	14.22	15.05	14.71	14.60	16.26	14.51	14.56	15.13	16.27	19.07	19.07	n.a.	n.a.
Accounts assessed interest	16.04	16.98	16.28	16.45	17.91	16.44	16.17	16.65	18.43	20.40	20.40	n.a.	n.a.

Personal loans

24-month	10.32	10.32	9.51	9.38	9.87	9.09	9.39	8.73	10.16	11.21	11.21	n.a.	n.a.
----------	-------	-------	------	------	------	------	------	------	-------	-------	-------	------	------

Finance companies (new car loans)⁶

Interest rates	6.1	6.4	5.2	4.6	5.2	4.4	4.4	5.0	5.5	6.1	n.a.	6.1	n.a.
Maturity (months)	66	67	69	67	67	67	66	66	66	67	n.a.	67	n.a.
Amount financed (dollars)	30,173	31,311	34,449	35,307	38,900	37,821	37,991	38,044	40,156	39,407	n.a.	39,407	n.a.

This release is generally issued on the fifth business day of each month. See the Statistical Release Schedule for more information. Footnotes appear on the second and third pages.

Consumer Credit Outstanding (Levels)
Not seasonally adjusted
Billions of dollars

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

						2021	2022					2023	
	2018	2019	2020	2021 ^r	2022 ^r	Q4 ^r	Q1 ^r	Q2 ^r	Q3 ^r	Q4 ^r	Nov ^r	Dec ^r	Jan ^p
Total	4,007.0	4,192.2	4,184.9	4,430.8	4,780.8	4,430.8	4,462.6	4,583.7	4,681.2	4,780.8	4,758.2	4,780.8	4,780.9
Major holders													
Depository institutions	1,687.4	1,774.1	1,687.5	1,827.2	2,032.3	1,827.2	1,830.9	1,915.0	1,959.3	2,032.3	2,011.9	2,032.3	2,012.9
Finance companies	534.4	537.7	551.4	577.0	580.6	577.0	572.8	570.8	570.8	580.6	578.1	580.6	581.9
Credit unions	481.2	498.0	505.1	532.0	630.9	532.0	547.2	584.3	616.3	630.9	624.5	630.9	629.6
Federal government ⁷	1,236.3	1,319.2	1,381.0	1,436.4	1,481.0	1,436.4	1,455.0	1,457.1	1,479.1	1,481.0	1,487.8	1,481.0	1,500.7
Nonprofit and educational institutions ⁸	31.3	27.3	24.1	22.4	20.3	22.4	22.0	21.6	21.1	20.3	20.4	20.3	20.2
Nonfinancial business	36.5	35.8	35.8	35.8	35.8	35.8	34.7	34.8	35.0	35.8	35.4	35.8	35.5
Major types of credit, by holder													
Revolving	1,053.8	1,092.0	974.6	1,042.2	1,203.4	1,042.2	1,024.8	1,088.2	1,123.2	1,203.4	1,178.8	1,203.4	1,182.4
Depository institutions	947.2	983.6	875.3	944.2	1,095.7	944.2	928.2	989.3	1,021.9	1,095.7	1,073.7	1,095.7	1,076.9
Finance companies	23.7	21.9	17.1	13.4	12.2	13.4	12.9	12.2	11.9	12.2	12.1	12.2	12.1
Credit unions	62.4	66.5	62.3	64.7	75.6	64.7	64.8	67.7	70.4	75.6	73.5	75.6	73.9
Federal government ⁷	...	...	...	...	...	...	...	...	...	...	...	...	...
Nonprofit and educational institutions ⁸	...	...	...	...	...	...	...	...	...	...	...	...	...
Nonfinancial business	20.5	20.0	20.0	20.0	20.0	20.0	18.8	18.9	19.1	20.0	19.6	20.0	19.5
Nonrevolving	2,953.2	3,100.2	3,210.3	3,388.6	3,577.4	3,388.6	3,437.7	3,495.5	3,558.0	3,577.4	3,579.4	3,577.4	3,598.4
Depository institutions	740.2	790.5	812.2	883.0	936.6	883.0	902.7	925.7	937.5	936.6	938.3	936.6	936.0
Finance companies	510.7	515.9	534.3	563.6	568.5	563.6	559.9	558.6	558.5	568.5	566.0	568.5	569.8
Credit unions	418.8	431.5	442.8	467.4	555.3	467.4	482.4	516.6	545.9	555.3	551.1	555.3	555.7
Federal government ⁷	1,236.3	1,319.2	1,381.0	1,436.4	1,481.0	1,436.4	1,455.0	1,457.1	1,479.1	1,481.0	1,487.8	1,481.0	1,500.7
Nonprofit and educational institutions ⁸	31.3	27.3	24.1	22.4	20.3	22.4	22.0	21.6	21.1	20.3	20.4	20.3	20.2
Nonfinancial business	16.0	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.9	15.8	15.9	15.8	15.9
Memo													
Student Loans ⁹	1,566.9	1,637.9	1,693.9	1,733.4	1,757.2	1,733.4	1,747.5	1,744.0	1,761.7	1,757.2	n.a.	1,757.2	n.a.
Motor Vehicle Loans ¹⁰	1,139.6	1,184.1	1,224.4	1,314.2	1,412.3	1,314.2	1,332.1	1,366.8	1,397.0	1,412.3	n.a.	1,412.3	n.a.

Footnotes

1. Covers most credit extended to individuals, excluding loans secured by real estate. Includes receivables carried on the balance sheet of the institution as well as outstanding balances of pools upon which securities have been issued; under the current accounting rule, most of those balances remain on the balance sheets of the loan originator.
2. The series for consumer credit outstanding and its components may contain breaks that result from discontinuities in source data. Percent changes are adjusted to exclude the effect of such breaks. In addition, percent changes are at a simple annual rate and are calculated from unrounded data.
3. Includes motor vehicle loans and all other loans not included in revolving credit, such as loans for mobile homes, education, boats, trailers, or vacations. These loans may be secured or unsecured.
4. Flow data represent changes in the level of credit due to economic and financial activity, and exclude breaks in the data series due to changes in methodology, source data, and other technical aspects of the estimation that could affect the level of credit.
5. Interest rates are annual percentage rates (APR) as specified by the Federal Reserve's Regulation Z. Interest rates for new-car loans and personal loans at commercial banks are simple unweighted averages of each bank's most common rate charged during the first calendar week of the middle month of each quarter. For credit card accounts, the rate for all accounts is the stated APR averaged across all credit card accounts at all reporting banks. The rate for accounts assessed interest is the annualized ratio of total finance charges at all reporting banks to the total average daily balances against which the finance charges were assessed (excludes accounts for which no finance charges were assessed).

Consumer Credit Outstanding (Flows)
 Not seasonally adjusted
 Billions of dollars, annual rate

PLEASE NOTE THE INFORMATION IN THIS FILING IS NON-CONFIDENTIAL OR REDACTED

	2018	2019	2020	2021 ^r	2022 ^r	2021	2022				2023		
						Q4 ^r	Q1 ^r	Q2 ^r	Q3 ^r	Q4 ^r	Nov ^r	Dec ^r	Jan ^p
Total	172.7	185.1	-12.0	246.0	350.0	373.7	127.0	484.3	390.3	398.5	569.5	271.7	0.1
Major holders													
Depository institutions	50.6	86.6	-91.3	139.7	205.1	335.6	14.9	336.6	177.1	291.8	414.2	244.0	-232.9
Finance companies	-6.9	3.4	13.7	25.6	3.7	-3.9	-16.5	-8.0	-1.9	41.1	45.6	30.6	15.7
Credit unions	41.9	16.8	7.1	26.9	98.8	40.2	60.7	148.4	127.9	58.2	63.6	75.9	-14.7
Federal government ⁷	90.7	83.0	61.7	55.4	44.6	-0.2	74.4	8.6	88.1	7.4	47.3	-82.3	236.9
Nonprofit and educational institutions ⁸	-3.9	-4.0	-3.2	-1.6	-2.2	-1.1	-1.8	-1.5	-2.1	-3.3	-5.4	-1.4	-0.3
Nonfinancial business	0.2	-0.7	0.0	0.0	0.0	3.2	-4.6	0.3	1.2	3.2	4.2	4.8	-4.6
Major types of credit, by holder													
Revolving	37.3	38.1	-122.1	67.7	161.2	282.4	-69.7	253.3	140.4	320.7	465.1	295.6	-251.9
Depository institutions	35.5	36.4	-113.0	68.9	151.5	272.7	-63.8	244.4	130.2	295.3	435.2	264.2	-225.4
Finance companies	-2.9	-1.9	-4.8	-3.7	-1.2	-5.8	-2.0	-2.9	-1.2	1.1	1.0	1.1	-0.5
Credit unions	4.4	4.2	-4.3	2.4	10.9	12.0	0.8	11.5	10.6	20.8	24.3	25.3	-20.1
Federal government ⁷	...	...	...	...	...	...	...	...	...	...	...	...	...
Nonprofit and educational institutions ⁸	...	...	...	...	...	...	...	...	...	...	...	...	...
Nonfinancial business	0.3	-0.5	0.0	0.0	0.0	3.6	-4.7	0.4	0.7	3.6	4.7	5.1	-5.9
Nonrevolving	135.3	147.0	110.1	178.3	188.8	91.3	196.7	231.0	249.9	77.7	104.4	-24.0	252.0
Depository institutions	15.1	50.3	21.7	70.8	53.6	62.9	78.7	92.2	46.9	-3.5	-21.0	-20.2	-7.5
Finance companies	-4.1	5.2	18.5	29.2	4.9	1.9	-14.6	-5.1	-0.8	40.0	44.6	29.5	16.2
Credit unions	37.6	12.7	11.3	24.6	87.9	28.2	60.0	136.9	117.3	37.4	39.3	50.6	5.4
Federal government ⁷	90.7	83.0	61.7	55.4	44.6	-0.2	74.4	8.6	88.1	7.4	47.3	-82.3	236.9
Nonprofit and educational institutions ⁸	-3.9	-4.0	-3.2	-1.6	-2.2	-1.1	-1.8	-1.5	-2.1	-3.3	-5.4	-1.4	-0.3
Nonfinancial business	-0.1	-0.1	0.0	0.0	0.0	-0.3	0.0	-0.1	0.4	-0.3	-0.4	-0.3	1.3
Memo													
Student Loans ⁹	78.0	71.0	56.0	39.6	23.8	-24.1	56.2	-13.8	70.9	-18.1	n.a.	-18.1	n.a.
Motor Vehicle Loans ¹⁰	33.7	44.5	40.3	89.7	98.1	55.1	71.8	138.5	121.0	61.1	n.a.	61.1	n.a.

6. Covers most of the captive and non-captive finance companies. The series of finance company new car loan terms included in previous releases are discontinued. They remain available from the Data Download Program.
7. Includes student loans originated by the Department of Education under the Federal Direct Loan Program and the Perkins Loan Program, as well as Federal Family Education Program loans that the government purchased under the Ensuring Continued Access to Student Loans Act.
8. Includes student loans originated under the Federal Family Education Loan Program and held by educational institutions and nonprofit organizations.
9. Includes student loans originated under the Federal Family Education Loan Program and the Direct Loan Program; Perkins loans; and private student loans without government guarantees. This memo item includes loan balances that are not included in the nonrevolving credit balances. For additional information, see public documentation. Data for this memo item are released for each quarter-end month.
10. Includes motor vehicle loans owned and securitized by depository institutions, finance companies, credit unions, and nonfinancial business. Includes loans for passenger cars and other vehicles such as minivans, vans, sport-utility vehicles, pickup trucks, and similar light trucks for personal use. Loans for boats, motorcycles and recreational vehicles are not included. Data for this memo item are released for each quarter-end month.

r=revised. p=preliminary. n.a.=not available. ...=not applicable.