Matthew R. Bernier
SENIOR COUNSEL
Duke Energy Florida, LLC

May 1, 2017

Via ELECTRONIC DELIVERY

Ms. Carlotta Stauffer, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: *Nuclear Cost Recovery Clause; Docket No. 170009-EI*

Dear Ms. Stauffer:

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

- DEF's Petition for approval of nuclear costs to be recovered during the period January-December 2018 for the Levy Nuclear and Crystal River Unit 3 EPU Projects;
- Direct Testimony of Christopher M. Fallon;
- Direct Testimony of Thomas G. Foster with attached redacted Exhibit No. ___ (TGF-3) and Exhibit No. ___ (TGF-4);

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

Respectfully,

s/ Matthew R. Bernier
Matthew R. Bernier

MRB/at
Enclosures

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Nuclear Cost Recovery Clause	Docket No. 170009-EI Submitted for Filing: May 1, 2017

DUKE ENERGY FLORIDA, LLC'S PETITION FOR APPROVAL OF NUCLEAR COSTS TO BE RECOVERED DURING THE PERIOD JANUARY-DECEMBER 2018 FOR THE LEVY NUCLEAR AND CRYSTAL RIVER UNIT 3 EPU PROJECTS

Pursuant to Section 366.93(6), Florida Statutes, Rule 25-6.0423(7), Florida Administrative Code ("F.A.C."), the Revised and Restated Stipulation and Settlement Agreement ("2013 Settlement Agreement") approved by the Commission in Order No. PSC-13-0598-FOF-EI, and the Stipulation approved by this Commission in Order No. PSC-15-0521-FOF-EI ("2015 Stipulation"), Duke Energy Florida, LLC ("DEF" or the "Company") respectfully petitions the Florida Public Service Commission ("FPSC" or the "Commission") for recovery of DEF's exit and wind-down costs for the Crystal River Unit 3 ("CR3") Extended Power Uprate ("EPU") Project along with all known Levy Nuclear Plant ("LNP") costs and credits as agreed under the 2015 Stipulation.

DEF is seeking to recover $49,648,457 for the EPU through the Capacity Cost Recovery Clause ("CCRC") during the period January through December 2018. This total amount includes (1) exit and wind-down costs, (2) the amortization of the true-up of prior period costs, and (3) associated carrying costs on the unrecovered balance.

DEF requests a determination that all of DEF's 2016 EPU project costs are prudent and that DEF's actual/estimated 2017 and projected 2018 costs for the project are reasonable, consistent with Section 366.93, Florida Statutes, and Rule 25-6.0423, F.A.C. DEF supported the prudence of its prior period EPU costs with its petition, testimony, exhibits, and financial schedules filed with the Commission on March 1, 2017. DEF's EPU actual/estimated 2017 and projected 2018 costs are supported by the testimony and exhibits of DEF's witness Mr. Thomas G. Foster.

DEF is also seeking to recover $81,901,218 for the LNP through the CCRC during the period January through December 2018. Pursuant to the 2015 Stipulation, DEF is presenting all known LNP costs and credits, including carrying costs, for final Commission review and approval in this proceeding. Consistent with the 2015 Stipulation, if additional LNP costs become known after this filing, DEF reserves the right to seek recovery of those costs at the appropriate time. In support of the LNP project cost recovery as agreed under the 2015 Stipulation, DEF has filed the testimony and exhibits of Messrs. Christopher Fallon and Thomas G. Foster, which are incorporated herein by reference.

I. PRELIMINARY INFORMATION.

The Petitioner's name and address are:

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

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

Dianne M. Triplett
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Duke Energy Florida, LLC
P.O. Box 14042
St. Petersburg, Florida 33733
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Duke Energy Florida, LLC
106 E. College Ave., Ste. 800
Tallahassee, Florida 32301
(850) 521-1428

II. PRIMARILY AFFECTED UTILITY.

DEF is the utility primarily affected by the proposed request for cost recovery. DEF is an investor-owned electric utility, regulated by the Commission pursuant to Chapter 366, Florida Statutes, and is a wholly owned subsidiary of Duke Energy Corporation. The Company's principal place of business is located at 299 1st Ave. N., St. Petersburg, Florida 33701.

DEF serves approximately 1.8 million retail customers in Florida. Its service area comprises approximately 20,000 square miles in 35 of the state's 67 counties, encompassing the densely populated areas of Pinellas and western Pasco Counties and the greater Orlando area in Orange, Osceola, and Seminole Counties. DEF supplies electricity at retail to approximately 350 communities and at wholesale to Florida municipalities, utilities, and power agencies in the State of Florida.

Pursuant to Section 366.93(6), Florida Statutes and Rule 25-6.0423(7), F.A.C., DEF seeks cost recovery of its reasonable and prudent wind-down and exit costs for the EPU project, as well as all known LNP costs and credits for recovery as approved in the 2015 Stipulation.

III. DEF REQUESTS COST RECOVERY FOR THE EPU PROJECT AS PROVIDED IN SECTION 366.93(6), FLA. STAT., AND RULE 25-6.0423(7), F.A.C.

On February 5, 2013, Duke Energy announced its decision to retire and decommission the CR3 nuclear power plant. As a result of this decision, the CR3 EPU project was cancelled. In 2015, DEF completed disposition of EPU-related assets using a step-wise approach under its investment recovery policies and procedures to obtain the maximum value for DEF's customers. The last stage for the EPU project close-out was the final disposition of EPU-related assets and materials and implementation of a plan for the remaining EPU assets that have not been sold or salvaged. The CR3 Investment Recovery Project ("IRP") was closed out on April 30, 2015. Because the project has now been closed out there are no project management-related activities to report and therefore DEF has presented no testimony to discuss 2017 or 2018 project management-related activities.

DEF closed out the EPU portion of the IRP in 2015 once all EPU related assets were finally disposed of and removed from the plant or abandoned in-place. As such, the EPU project is concluded and there are no further project management activities anticipated for 2017 or 2018.

Accordingly, to-date DEF has incurred no 2017 EPU project management-related costs and there are no such costs projected for the remainder of 2017 or 2018. However, pursuant to paragraph 9a of the 2013 Settlement Agreement, DEF is permitted to recover the CR3 EPU project revenue requirements over a seven-year amortization recovery period (2013-2019). DEF will also incur costs associated with the EPU project related to accounting and corporate planning in 2017 and 2018. These costs are presented in Mr. Foster's testimony and exhibits.

DEF requests that the Commission determine that its 2017 actual/estimated and 2018 projected costs are reasonable and that DEF is entitled to recover EPU project wind-down and exit costs pursuant to the NCRC statute and rule.

Pursuant to Rule 25-6.0423(7), F.A.C., DEF requests that the Commission approve for recovery the amount of $49,648,457 through the CCRC during the period January through December 2018 for the EPU project.

IV. DEF REQUESTS COST RECOVERY FOR THE LNP AS PROVIDED IN SECTION 366.93(6), FLA. STAT., RULE 25-6.0423(7), F.A.C., AND THE 2015 STIPULATION

With the execution of the 2013 Settlement Agreement approved by the Commission, DEF elected not to complete construction of the LNP and DEF subsequently terminated the Engineering, Procurement, and Construction ("EPC") Agreement with Westinghouse Electric Company, LLC ("WEC") and Stone & Webster, Inc. ("S&W") (collectively, the "Consortium").

DEF implemented a wind-down plan for in-progress Levy LLE and has completed disposition decisions on all LLE components not involved in the WEC litigation.

Pursuant to the 2015 LNP Stipulation, and as contemplated by the 2013 Settlement Agreement, DEF is including in this filing all known LNP costs and credits, including carrying costs, for final Commission disposition. In its March 1, 2017 True-up filing, DEF petitioned the Commission for recovery of its prudently incurred 2014, 2015, and 2016 LNP costs. Accordingly, in this filing DEF now seeks recovery of its known project costs and the known WEC litigation costs that are ripe for recovery, including carrying costs thereon.

In the WEC litigation, as discussed in Mr. Fallon's March 1, 2017 testimony, the district court held a bench trial in October of 2016 and rendered its decision on December 22, 2016. The court ordered DEF to pay WEC $30 million in termination fees for terminating the EPC Agreement, along with prejudgment interest. The court also ruled that DEF could not use the money that DEF paid WEC for the Turbine Generator and Reactor Vessel Internals ("LLE") as an offset. Finally, the court ordered that DEF was not responsible for paying the additional "termination costs" WEC had claimed as damages for DEF's termination of the EPC. The case is currently under appeal to the Fourth Circuit Court of Appeals; due to the recently announced WEC bankruptcy filing, the appeal has been stayed indefinitely.

Therefore, DEF is seeking recovery of $81,901,218 in LNP costs in 2018. This amount is comprised of approximately $50.3 million for money DEF paid for LLE and approximately $17.2 million in carrying costs on that total, approximately $9.9 million in attorneys' fees, and approximately $4.4 million in remaining known project costs. Additionally, DEF notes that it is not currently seeking recovery of the approximately $34 million in termination fees awarded by the district court, subject to appeal in the circuit court, because unlike the LLE and attorneys' fees discussed herein, the termination fees have not yet been paid (and will not be paid until the appeal is concluded). However, should the appellate court affirm the trial court's ruling or otherwise order DEF to pay additional sums, DEF reserves the right to seek recovery of any additional costs it is ordered to pay to WEC, along with any additional litigation costs incurred in prosecuting the appeal and any ensuing litigation.

The LNP Combined Operating Licenses ("COLs") were received (one license per unit) on October 20, 2016. DEF will continue to incur costs for the Levy site COL in 2017 and 2018, but under the 2013 Settlement Agreement, DEF will not seek to recover these costs through the NCRC. To date, DEF has approximately $36 million of uncollected costs related to the COL.

Mr. Fallon's and Mr. Foster's testimony and exhibits and financial schedules support DEF's LNP costs. Pursuant to the 2015 Stipulation, DEF now seeks recovery of these known costs.

V. DISPUTED ISSUES OF MATERIAL FACT.

DEF is not aware at this time that there will be any disputed issues of material fact in this proceeding. Through its testimony and exhibits, incorporated herein by reference, DEF has demonstrated the prudence of its prior period actual costs and the reasonableness of its 2017 and 2018 costs associated with the EPU project, as well as the prudence of its known costs associated with the LNP. Accordingly, DEF has demonstrated through its testimony and exhibits why the recovery DEF requests is appropriate and warranted under Section 366.93(6), Florida Statutes, and Rule 25-6.0423(7), F.A.C.

VI. CONCLUSION.

WHEREFORE, for all of the reasons provided in this Petition, as developed more fully in DEF's pre-filed testimony, exhibits, and schedules, DEF requests that the Commission find that:

(1) DEF is entitled to recover $131,549,675 for DEF's nuclear projects through the CCRC during the period January through December 2018. These amounts are made up of LNP

and EPU project (a) exit and wind-down costs, (b) amortization of the true-up of prior period costs, and (c) associated carrying costs on the unrecovered balance;

(2) DEF's actual/estimated 2017 and projected 2018 costs for the EPU project are reasonable.

(3) DEF's known LNP costs and credits, including carrying costs, presented pursuant to 2015 Stipulation were prudently incurred.

Respectfully submitted this 1st day of May, 2017.

/s/ Matthew R. Bernier

MATTHEW R. BERNIER Senior Counsel Duke Energy Florida, LLC 106 East College Avenue Suite 800 Tallahassee, FL 32301 Telephone: (850) 521-1428	DIANNE M. TRIPLETT Associate General Counsel Duke Energy Florida, LLC 299 First Avenue North St. Petersburg, FL 33701 Telephone: (727) 820-4692

<u>CERTIFICATE OF SERVICE</u>

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 1st day of May, 2017.

/s/ Matthew R. Bernier

Attorney

Kyesha Mapp Margo Leathers Office of the General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 kmapp@psc.state.fl.us mleather@psc.state.fl.us asoete@psc.state.fl.us Kenneth Hoffman Vice President, Regulatory Affairs Florida Power & Light Company 215 S. Monroe Street, Suite 810 Tallahassee, FL 32301-1858 ken.hoffman@fpl.com	J.R.Kelly Charles J. Rehwinkel Erik L. Sayler Patty Christensen Office of Public Counsel c/o The Florida Legislature 111 West Madison Street, Room 812 Tallahassee, FL 32399 kelly.jr@leg.state.fl.us rehwinkel.charles@leg.state.fl.us sayler.erik@leg.state.fl.us christensen.patty@leg.state.fl.us Victoria Mendez Christopher A. Green Xavier E. Alban

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Nuclear Cost Recovery Clause

DOCKET NO. 170009-EI
Submitted for filing: May 1, 2017

DIRECT TESTIMONY OF CHRISTOPHER M. FALLON
IN SUPPORT OF ACTUAL COSTS

ON BEHALF OF
DUKE ENERGY FLORIDA, LLC

IN RE: NUCLEAR COST RECOVERY CLAUSE

BY DUKE ENERGY FLORIDA, LLC

FPSC DOCKET NO. 170009-EI

DIRECT TESTIMONY OF CHRISTOPHER M. FALLON

Q. Please state your name and business address.

A. My name is Christopher M. Fallon. My business address is 526 South Church Street, Charlotte, North Carolina 28202.

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

A. I am employed by Duke Energy Corporation ("Duke Energy") as the Vice President of Duke Energy Renewables and Commercial Portfolio. Until October 31, 2016, I was Duke Energy's Vice President of Nuclear Development. Duke Energy Florida, LLC ("DEF" or the "Company") is a fully owned subsidiary of Duke Energy.

Q. Please summarize your educational background and work experience.

A. I received Bachelor of Science and Master of Science degrees in electrical engineering from Clemson University in 1989 and 1990, respectively. I am also a licensed professional engineer in North Carolina. I began my career with Duke Energy's predecessor company Duke Power in 1992 as a power quality engineer. After a series of promotions, I was named manager of transmission planning and engineering studies in 1999, general manager of asset strategy and planning in

2006, and the managing director of strategy and business planning for Duke Energy starting in 2007. In this role, I had responsibility for developing the strategy for the company's operating utilities, commercial support for operating utility activities such as acquisition of generation assets and overseeing Requests for Proposals for renewable generation resources, and major project/initiative business case analysis. In 2009, I was named Vice President, Office of Nuclear Development for Duke Energy. In that role, I was responsible for furthering the development of new nuclear generation in the Carolinas and Midwest. This included identifying and developing nuclear partnership opportunities, as well as integrating and advancing Duke Energy's plans for the proposed Lee Nuclear Station in Cherokee County, South Carolina. On July 1, 2012 I was promoted to Vice President of Nuclear Development; as such I was responsible for the Levy nuclear power plant project ("LNP").

Q. What is the purpose of your direct testimony?

A. My direct testimony presents and supports the remaining known LNP actual costs that are being presented in accordance with the Stipulation approved by the Commission in Order No. PSC-15-0521-FOF-EI ("2015 LNP Stipulation"). These costs were incurred for the LNP wind-down following DEF's decision not to proceed with construction of the LNP and DEF's January 2014 termination of the Engineering, Procurement, and Construction ("EPC") Agreement with Westinghouse Electric Company LLC ("WEC") and Stone & Webster, Inc. ("S&W") (together the "Consortium"), including costs incurred in, or as a result of, the litigation with WEC. The Company relies on the information included in this testimony in the conduct of its affairs.

Pursuant to Rule 25-6.0423(7), F.A.C., and Florida Public Service Commission ("PSC" or the "Commission") Order No. PSC-13-0598-FOF-EI, approving the Revised and Restated Stipulation and Settlement Agreement ("2013 Settlement Agreement"), DEF is allowed to recover its prudent site selection costs, pre-construction costs, and construction costs for the LNP. Pursuant to the 2013 Settlement Agreement and the stipulation approved by the Commission in Order No. PSC-15-0521-FOF-EI ("2015 LNP Stipulation"), DEF agreed to include all known LNP costs and credits by no later than May 1, 2017 for consideration and review in the 2017 NCRC docket for use in setting the 2018 NCRC factor. As such, DEF presented its 2016 LNP costs and sought a prudence determination for its 2014, 2015, and 2016 LNP costs in the March 1, 2017, filing in this docket, and DEF now presents the remaining known LNP costs for Commission review and, as necessary, prudence determination.

Q. Do you have any exhibits to your testimony?

A. Yes, I am co-sponsoring the cost portions of the 2017 and 2018 Detail Schedules, and sponsor Appendices D and E, which are included as part of Exhibit No. ___ (TGF-3) to Mr. Thomas G. Foster's direct testimony in this proceeding. Appendix D is a description of the major tasks and reflects expenditure variance explanations, as necessary. Appendix E is a list of the contracts executed in excess of $1.0 million and provides details for those contracts. At this time there are no contracts on which to provide details.

All of these exhibits, schedules, and appendices are true and accurate to the best of my knowledge and ability.

Q. Please summarize your testimony.

A. Pursuant to the 2013 Settlement Agreement and 2015 LNP Stipulation, DEF is presenting for Commission review and approval its remaining known costs for the LNP. These remaining known costs are primarily costs that this Commission has previously reviewed and deemed prudent but were the subject of a claim in the WEC litigation or were direct costs attributable to the litigation, both of which I provide an update for below. In short, DEF is requesting recovery of known LNP costs totaling approximately $81.9 million, which costs are discussed in further detail below.

Q. What is the status of DEF's lawsuit with WEC?

A. The District Court held a bench trial in October of 2016 and rendered its decision on December 22, 2016. The court ordered DEF to pay WEC $30M in termination fees for terminating the EPC Agreement, along with $4M in interest. The court ruled that DEF could not use the money that DEF paid WEC for the Turbine Generator and Reactor Vessel Internals as an offset. Finally, the court found against WEC in its claim for additional termination costs, finding those costs were not contemplated by the EPC Agreement.

On January 20, 2017, WEC filed notice that it was appealing the court's decision to the Circuit Court of Appeal for the Fourth Circuit; on February 1, 2017, DEF filed its cross-notice of appeal. Due to WEC's bankruptcy filing, the appeal has been indefinitely stayed.

Q. **How does the WEC litigation appeal effect the request for prudence and cost recovery?**

A. The appeal has no effect on the requests for a prudence determination regarding the known LNP costs presented for Commission review. The LNP costs presented in this proceeding have been paid by DEF and are ripe for Commission review and, where necessary, a prudence determination. However, the final amount DEF seeks to recover once the outcome of the appeal is final and any additional costs related to the litigation become known and are paid or received by DEF is dependent on the final outcome of the appeal and any additional litigation that may occur. As always, DEF cannot predict the outcome or timing of the appeal process or any additional litigation that the appellate outcome may require (e.g., if the case is remanded to the trial court for further proceedings).

Q. What additional costs could DEF seek to recover at a later date?

A. Although the trial court's order is subject to appeal, DEF was ordered to pay a $30 million termination fee (plus interest). If the appellate court affirms the trial court's ruling and orders DEF to pay WEC the termination fee and associated interest, DEF would pursue recovery of that amount through the NCRC. Additionally, DEF further reserves the right to seek recovery of any additional sums it may be ordered to pay as a result of the appeal or any further court action on remand, along with the associated costs and fees of prosecuting its claims and defending against WEC's claims.

Q. Could you discuss the LNP costs presented for recovery in this proceeding?

A. Yes. The LNP costs presented for recovery in this proceeding can be broken down into three categories. The first is amounts paid to WEC for Long Lead Equipment ("LLE") that was never received from WEC, along with the carrying charges on that balance. The second is DEF's costs of pursuing the litigation. The third is previously uncollected project costs. The retail component of these costs are $50.3 million, $17.2 million, $9.9 million, and $4.4 million, respectively.

Q. Has the Commission previously reviewed the LLE costs identified above?

A. Yes. The LLE at issue is the Turbine Generator and Reactor Vessel Internals. These components were paid for but never received, therefore there was no opportunity for resale or salvage. The milestone payments for the LLE at issue were made in 2008 and 2009, and were found prudent by the Commission in the 2009 and 2010 NCRC dockets, respectively.[1] In the 2014 docket, the Commission determined that there was a reasonable expectation DEF would receive a $54,127,100 award (refund) from WEC for the LLE and ordered a downward adjustment to DEF's 2015 projected expenses, effectively giving customers the benefit of the anticipated refund. However, the Commission's order also reiterated that there was no dispute regarding the prudence of the milestone payments at the time they were made, that there was no evidence that

[1] Order Nos. PSC-09-0783-FOF-EI (Nov. 19, 2009) and PSC-11-0095-FOF-EI (Feb. 2, 2011), respectively.

any of DEF's actions leading up to the downward adjustment were unreasonable, and "[i]n addition, for this Commission to modify our prior decision of prudence by relying on changed circumstances that resulted many years after the original determination was made would be inconsistent with Commission rules and practice." Order No. PSC-14-0617-FOF-EI, at page 10. Therefore, the Commission has already reviewed and found prudent the payments for the LLE at issue in the WEC litigation. Now that DEF's refund claim has been denied, DEF is seeking recovery of the $54,127,100 ($50,275,957 (retail)), plus associated carrying charges of approximately $17.2 million (retail).

Q. Can you please explain why DEF is seeking recovery in this proceeding for the LLE payments but not the termination costs, when both are subject to appeal?

A. Yes. In the case of the LLE, DEF has made the payments; however, DEF has not paid the $30M termination fee ordered by the district court. Therefore, in one instance there is a situation where a known cost has been paid, and in the other there is a cost that DEF has been ordered to pay but, due to the ongoing appeal, DEF has not yet made a payment. Therefore, DEF considers the LLE payment to be a "known" cost under the 2015 Stipulation and recovery at this time is appropriate. In contrast, because the termination fee awarded to WEC by the district court has not been paid, there is no "known" cost to recover at this time. As stated above, if the district court's order is upheld after the appeals process has run its course, DEF reserves the right to seek recovery for what will then be a "known" cost at the appropriate time.

Q. Please discuss the litigation costs you identified above.

A. The litigation costs are the costs DEF has paid to prosecute its claims against WEC and to defend against WEC's claims. These costs are a combination of court fees (e.g., filing fees and the cost of the appellate bond DEF was required to post to assert its cross-appeal in the Fourth Circuit) and attorneys' fees. These costs total approximately $10.6 million ($9.9 million (retail)), and are shown on Exhibit No. __ (TGF-3). These costs are associated with the exit and wind-down of the project and were incurred in an effort to minimize potential costs to DEF's customers (in the case of defending against WEC's claims) or to recoup funds for the benefit of customers (in the case of DEF's claim for refund).

Q. Are there any other known costs for which DEF is seeking recovery at this time?

A. Yes, in addition to the costs I have discussed above, DEF is also seeking recovery of approximately $4.4 million (retail) of previously uncollected project costs and 2017 project wind-down costs (e.g., accounting costs).

Q. Does this conclude your testimony?

A. Yes, it does.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Nuclear Cost Recovery Clause	DOCKET NO. 170009-EI Submitted for filing: May 1, 2017

DIRECT TESTIMONY OF THOMAS G. FOSTER
IN SUPPORT OF REVENUE REQUIREMENTS TO BE RECOVERED DURING THE PERIOD JANUARY-DECEMBER 2018 FOR THE LEVY AND CRYSTAL RIVER 3 EPU PROJECTS

ON BEHALF OF
DUKE ENERGY FLORIDA, LLC.

IN RE: NUCLEAR COST RECOVERY CLAUSE

BY DUKE ENERGY FLORIDA, LLC.

FPSC DOCKET NO. 170009-EI

DIRECT TESTIMONY OF THOMAS G. FOSTER IN SUPPORT OF REVENUE REQUIREMENTS TO BE RECOVERED DURING THE PERIOD JANUARY-DECEMBER 2018 FOR THE LEVY AND CRYSTAL RIVER 3 EPU PROJECTS

I. INTRODUCTION AND QUALIFICATIONS.

Q. Please state your name and business address.

A. My name is Thomas G. Foster. My business address is 299 First Avenue North, St. Petersburg, FL 33701.

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

A. I am employed by Duke Energy Florida, LLC, as Director, Rates and Regulatory Planning.

Q. What are your responsibilities in that position?

A. I am responsible for regulatory planning and cost recovery for Duke Energy Florida, LLC. ("DEF" or the "Company"). These responsibilities include: preparing regulatory financial reports and analysis of state, federal, and local regulations and their impact on DEF. In this capacity, I am also responsible for the Levy Nuclear Project ("LNP") and the Crystal River Unit 3 ("CR3") Extended Power Uprate ("EPU") Project ("CR3 Uprate") Cost Recovery filings, made as part of this Nuclear Cost

Recovery Clause ("NCRC") docket, in accordance with Rule 25-6.0423, Florida Administrative Code ("F.A.C.").

Q. Please describe your educational background and professional experience.

A. I joined the Company on October 31, 2005 as a Senior Financial Analyst in the Regulatory group. In that capacity I supported the preparation of testimony and exhibits associated with various Dockets. In late 2008, I was promoted to Supervisor Regulatory Planning. In 2012, following the merger with Duke Energy Corporation ("Duke Energy"), I was promoted to my current position. Prior to working at Duke Energy I was the Supervisor in the Fixed Asset group at Eckerd Drug. In this role I was responsible for ensuring proper accounting for all fixed assets as well as various other accounting responsibilities. I have 6 years of experience related to the operation and maintenance of power plants obtained while serving in the United States Navy as a Nuclear Operator. I received a Bachelors of Science degree in Nuclear Engineering Technology from Thomas Edison State College. I received a Masters of Business Administration with a focus on finance from the University of South Florida and I am a Certified Public Accountant in the State of Florida.

II. PURPOSE OF TESTIMONY.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present, for Florida Public Service Commission ("FPSC" or the "Commission") review, DEF's expected 2017 and 2018 costs associated with the CR3 Uprate project consistent with Rule 25-6.0423(7), F.A.C. and known LNP costs pursuant to the Stipulation approved by this Commission in Order No. PSC-15-0521-FOF-EI ("2015 Stipulation") and consistent with Rule 25-6.0423(7), in support of setting 2018 rates in the Capacity Cost Recovery Clause ("CCRC"). Pursuant to the 2015 Stipulation, DEF is seeking recovery for its known LNP costs in this proceeding. As discussed further in the testimony of Witness Christopher Fallon, at this time there are certain Levy costs or credits that are not known or knowable and DEF has not included these in our estimates.

Q. Are you sponsoring any exhibits in support of your testimony?

A. Yes. I am sponsoring sections of the following exhibits, which were prepared under my supervision:

- Exhibit No. _ (TGF-3) contains schedules showing the known costs associated with the Levy project. Sponsors of specific schedules are identified in the Table of Contents in Exhibit No. _ (TGF-3). Witness Fallon will be co-sponsoring portions of the 2017 Detail Schedules and 2018 Detail Schedules, and sponsoring Appendices D and E.
- Exhibit No. _ (TGF-4), contains schedules showing the costs associated with the CR3 Uprate project.

These exhibits are true and accurate to the best of my knowledge and information.

Q. What are the 2017-2018 Detail Revenue Requirements Schedules and the Appendices?

A.

- The 2017 Detail Schedule reflects the calculations for the total retail revenue requirements for the period except for those associated with the Levy LLE deferred balance.
- The 2018 Detail Schedule reflects the calculations for the total retail revenue requirements for the period except for those associated with the Levy LLE deferred balance.
- The 2017 Detail - LLE Deferred Balance Schedule (Levy only) reflects the revenue requirement calculations for the LLE deferred balance for the period.
- The 2018 Detail - LLE Deferred Balance Schedule (Levy only) reflects the revenue requirement calculations for the LLE deferred balance for the period.
- The 2018 Estimated Rate Impact Schedule reflects the estimated Capacity Cost Recovery Factors for 2018.
- Appendix A (CR3 Uprate) reflects beginning balance explanations and support for the 2017 and 2018 Regulatory Asset amortization amount.
- Appendix A (Levy) reflects beginning balance explanations and support for the amortization amount of the remaining uncollected 2018 Regulatory Asset net investment.
- Appendix B reflects Other Wind Down/Exit Cost variance explanations for the period.

- Appendix C provides support for the appropriate rate of return consistent with the provisions of Rule 25-6.0423(7), F.A.C.
- Appendix D describes Major Task Categories for expenditures and variance explanations for the period.
- Appendix E reflects contracts executed in excess of $1.0 million.
- Appendix F (CR3 Uprate only) reflects a summary of the 2013-2019 Uprate Amortization Schedule for the Uncollected Investment Balance.

III. CARRYING COST RATES AND SEPARATION FACTORS FOR BOTH THE CR3 UPRATE PROJECT AND THE LEVY NUCLEAR PROJECT.

Q. What is the carrying cost rate used in the 2017 and 2018 Revenue Requirement Detail Schedules?

A. DEF is using the rate specified in Rule 25-6.0423(7)(b), F.A.C. as follows: "The amount recovered under this subsection will be the remaining unrecovered Construction Work in Progress balance at the time of abandonment and future payment of all outstanding costs and any other prudent and reasonable exit costs. The unrecovered balance during the recovery period will accrue interest at the utility's overall pretax weighted average midpoint cost of capital on a Commission adjusted basis as reported by the utility in its Earnings Surveillance Report filed in December of the prior year, utilizing the midpoint of return on equity (ROE) range or ROE approved for other regulatory purposes, as applicable."

The carrying cost rate used for this time period is 6.65 percent. On a pre-tax basis, the rate is 9.65 percent. This rate is based on DEF's December

2016 Earnings Surveillance Report. This annual rate was also adjusted to a monthly rate consistent with the Allowance for Funds Used During Construction ("AFUDC") rule, Rule 25-6.0141(3), F.A.C. Support for the components of this rate is shown in Appendix C in Exhibit Nos.___(TGF-3) for the LNP and (TGF-4) for the CR3 Uprate project.

Q. What was the source of the separation factors used in the 2017 and 2018 Revenue Requirement Detail Schedules?

A. The jurisdictional separation factors are consistent with Exhibit 1 of the Revised and Restated Stipulation and Settlement Agreement ("2013 Settlement Agreement") approved by the Commission in Order No. PSC-13-0598-FOF-EI in Docket No 130208-EI.

IV. COST RECOVERY FOR THE LEVY COUNTY NUCLEAR PROJECT.

A. KNOWN LNP COSTS PURSUANT TO THE 2015 STIPULATION.

Q. Have you provided schedules that are consistent with the terms of the 2013 Settlement Agreement, the Stipulation approved by this Commission in Order No. PSC-15-0521-FOF-EI, and the nuclear cost recovery statute and rule?

A. Yes. The costs and revenue requirements can be seen in the 2017 Detail Schedule, the 2017 Detail – LLE Deferred Balance Schedule, the 2018 Detail – LLE Deferred Balance Schedule, and the 2018 Detail Schedule. Consistent with my May 1, 2015 and April 27, 2016 testimony, DEF's LNP costs, including carrying charges on the deferral of $54 million equivalent to the LLE amount in dispute in DEF's litigation claims against WEC reflect prudent LNP costs that DEF is entitled to recover from customers pursuant to: prior NCRC Orders, the 2013 Settlement Agreement, Section 366.93, Florida Statutes, and Rule 25-6.0423, F.A.C..

DEF has included all known LNP costs and credits, including carrying costs, for rate recovery of these costs in 2018.

Q. Have you included the $30 million plus interest Judgment resulting from the Westinghouse litigation in the Revenue Requirement Detail Schedules?

A. No. Due to the pending litigation appeal, DEF has not paid the amount in the judgment and therefore has appropriately not included these costs in the 2017 and 2018 Detail schedules in Exhibit No.___(TGF-3). DEF cannot predict the outcome or timing of the appeal process or any potential future payments. However, consistent with the 2015 Stipulation, DEF reserves its right to petition the Commission to address any LNP-related costs and credits that become known and ripe for recovery in a future proceeding after the May 1, 2017 true up filing has been submitted.

Q. What are the total period revenue requirements for the LNP for the calendar year ended December 2017?

A. The total period revenue requirements for the LNP are approximately $16.1 million for the calendar year ended December 2017 as reflected on the two 2017 Revenue Requirement Detail Schedules. The $10.4 million on the

2017 Detail Schedule Line 22 in Exhibit No._(TGF-3) includes approximately $0.4 million for the carrying costs on the unrecovered investment balance shown on Line 8d and $10 million of current period wind-down costs on Line 19d. Additionally, $5.7 million is reflected in 2017 Detail - LLE Deferred Balance Schedule on Line 4 in Exhibit No._(TGF-3). These amounts were calculated in accordance with the provisions of Rule 25-6.0423, F.A.C..

B. EXIT & WIND-DOWN COSTS INCURRED IN 2017 FOR THE LEVY NUCLEAR PROJECT.

Q. What are the exit and wind-down costs incurred for the Levy Nuclear Project for the period January 2017 through March 2017?

A. The 2017 Detail Schedule in Exhibit No.__(TGF-3) Lines 1e, 3e, and 12e show that total known exit and wind-down expenditures excluding carrying costs were $10.6 million.

Q. What do these costs include?

A. The expenses on line 12e, of $10.6 million represent known other exit and wind-down costs including regulatory, legal, and accounting wind-down support costs that the Company has incurred through March 31, 2017 related to the LNP. These costs were primarily litigation costs that were incurred since the WEC litigation began in 2013, further explained by Mr. Fallon.

Q. How did these expenditures for January 2017 through December 2017 compare with DEF's projected costs for 2017?

A. Appendix B, Line 4 shows that total Other Exit & Wind-Down Costs are expected to be $10.6 million higher than estimated because WEC litigation costs were not included in the 2017 projection filing.

Q. Have you continued to ensure that costs related to the Levy site COL are not included in the NCRC as of January 1, 2014?

A. Yes.

Q. What is the true-up for 2017 expected to be?

A. The 2017 true-up is an under-recovery of $16.1 million as can be seen on by adding line 22 of the 2017 Detail Schedule and line 6 of the 2017 Detail LLE Deferred Balance schedules of Exhibit (TGF-3).

C. LNP 2018 COSTS.

Q. What are the exit and wind-down costs incurred for the Levy Nuclear Project for the period January 2018 through December 2018?

A. The 2018 Detail Schedule in Exhibit No.__ (TGF-3) Lines 1e, 3e, and 10e show that total known exit and wind-down expenditures excluding carrying costs are $0.

Q. What are the total revenue requirements, exclusive of the revenue tax multiplier, for the LNP for the calendar year ended December 2018?

A. As can be seen in Exhibit No. _ (TGF-3), 2018 Summary Schedule Line 15, the total known revenue requirements to be recovered in 2018 is approximately $81.8 million. This amount is primarily associated with the $54 million deferral ($50.3 million Retail), shown on Line 14 of the 2018 Summary Schedule and its carrying costs of approximately $17.2 million, shown on Line 13 of the 2018 Summary Schedule. Finally, it includes approximately $14.3 million associated with current period wind-down, carrying costs, and prior period unrecovered costs not related to the $54 million deferral, shown on Line 12 on the 2018 Summary Schedule.

Q. Has DEF included all of its 2017 and 2018 LNP known costs or credits in this filing?

A. Yes it has. However, there are potential costs or credits that DEF has not included in its 2017 and 2018 LNP costs because they are not known at the time of this filing, as explained by Mr. Fallon. Consistent with the 2015 Stipulation, DEF reserves its right to petition the Commission to address any LNP-related costs and credits that become known after the May 1, 2017 true up filing has been submitted.

V. COST RECOVERY FOR THE CRYSTAL RIVER 3 UPRATE PROJECT.

Q. What are you requesting with respect to the CR3 Uprate project?

A. DEF requests that the Commission approve recovery of the CR3 Uprate project amounts consistent with 2013 Settlement in Order PSC-13-0598-FOF-EI, Section 366.93(6), Florida Statues, and Rule 25-6.0423(7), F.A.C..

In support of this request, DEF has prepared Exhibit No. _ (TGF-4), which shows the unrecovered investment and expected future payments and exit costs through the end of 2018 for purposes of setting 2018 rates. DEF requests that the Commission approve the revenue requirements for 2018 to be placed into the CCRC of $49.6 million as shown on 2018 Summary Schedule Line 8 of Exhibit No._(TGF-4).

Q. What was the total unrecovered investment in the CR3 Uprate project as of year-end 2016?

A. The total year-end 2016 unrecovered investment to be amortized is approximately $130.5 million as shown on lines 3a – 3b beginning balance amount in the 2017 Detail Schedule of Exhibit No._(TGF-4). This net amount represents the unrecovered construction costs incurred that have not been placed in service. This amount does not include prior period over/under recoveries, prior period amortization, or period costs like wind-down/exit costs.

Q. How is DEF recovering this investment?

A. DEF is continuing to recover this balance over the remaining three (3) year period from 2017-2019 as approved by the Commission in the 2013 Settlement in Order PSC-13-0598-FOF-EI, Docket No. 130208-EI, which allowed DEF to recover the unrecovered balance over the 2013-2019 period.

Q. What are the total estimated period revenue requirements for the CR3 Uprate project for the calendar year ended December 2017?

A. The total estimated period revenue requirements for the CR3 Uprate project, excluding amortization, is approximately $10.1 million for the calendar year ended December 2017, as reflected on the 2017 Detail Schedule Line 19 of Exhibit No._(TGF-4). This amount includes approximately $10.1 million for the carrying costs on the unrecovered investment balance shown on Line 5d, and $37,087 of current period wind-down costs shown on Line 16d. These amounts were calculated in accordance with the provisions of Rule 25-6.0423, F.A.C.

Q. What is the total estimated over or under recovery for the CR3 Uprate project for the calendar year ended December 2017?

A. The total estimated over-recovery is $175,014 as shown in Exhibit No._(TGF-4), the 2017 Detail Schedule Line 21.

Q. What are the total estimated revenue requirements, exclusive of the revenue tax multiplier, for the CR3 Uprate project for the calendar year ended December 2018?

A. As can be seen in Exhibit No. _ (TGF-4), the 2018 Summary Schedule Line 6, the total estimated revenue requirements are approximately $49.6 million. This consists primarily of $43.7 million associated with amortizing the unrecovered construction cost spend, $6.1 million in period carrying costs and other exit and wind-down activities, and ($0.2) million of prior period over-recoveries. These amounts are shown on Lines 1, 2 through 4, and 5 of the 2018 Summary Schedule, respectively.

Q. Does this conclude your testimony?

A. Yes.

SCHEDULE APPENDIX

REDACTED

EXHIBIT (TGF-3)

DUKE ENERGY FLORIDA, LLC.
LEVY NUCLEAR UNITS 1 & 2
COMMISSION SCHEDULES

JANUARY 2017 - DECEMBER 2018
DOCKET NO. 170009-EI

Table of Contents
Levy Nuclear Units 1 & 2
January 2017 - December 2018

	Components of the 2018 True-up				
1.	2018 Period Carrying Cost & Investment Recovery on Unrecovered Investment		$	192,164	2018 Detail Line 8d.
2.	2018 Period Exit Costs			0	2018 Detail- Line 6a.
3.	2018 Period Other Exit / Wind-Down Costs incl. Interest			50,861	2018 Detail- Line 18.
4.	2018 Period Carrying Cost on LLE Investment			3,022,030	2018 Detail - LLE Deferred Balance- Line 4.
5.	Total 2018 Period Revenue Requirement	(Sum of Lines: 1. through 4.)	$	3,265,055	
6.	Amortization of Uncollected Balance Net Investment (Retail)			4,100,577	2018 Detail- Line 6j.
7.	Amortization of Other Exit / Wind Down Costs Balance (Retail)			9,989,048	2018 Detail- Line 13.
8.	Amortization of Uncollected Balance $54M Deferral (Retail)			64,487,613	2018 Detail - LLE Deferred Balance- Line 1e.
9.	**Total 2018 True-up**	(Sum of Lines: 5. through 8.)	$	81,842,292	
10.	Revenue Tax Multiplier			1.00072	
11.	**Total 2018 True-up**		$	81,901,218	

	Components of the 2018 True-up				
12.	Uncollected Regulatory Asset (Non-$54M Deferred Costs) (Retail)		$	14,332,649	2018 Detail-Lines: (6j + 9 + 13 + 18)
13.	Carrying Cost on $54M Deferral (May 2015 - December 2018) (Retail)			17,233,686	2018 Detail - LLE Deferred Balance- Lines: (1b + 4)
14.	Uncollected Balance $54M Deferral (Retail)			50,275,957	2018 Detail - LLE Deferred Balance- Line 1a.
15.	**Total 2018 True-up**	(Sum of Lines: 12. through 14.)	$	81,842,292	
16.	Revenue Tax Multiplier			1.00072	
17.	**Total 2018 True-up**		$	81,901,218	

DUKE ENERGY FLORIDA
Nuclear Cost Recovery Clause (NCRC) - Levy Nuclear Units 1 & 2
2017 Detail - Calculation of the Revenue Requirements
January 2017 through December 2017

Witness: T.G. Foster / C. Fallon
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Line	Description		Beginning of Period Amount	Actual January 2017	Actual February 2017	Actual March 2017	Projected April 2017	Projected May 2017	Projected June 2017	Projected July 2017	Projected August 2017	Projected September 2017	Projected October 2017	**REDACTED** Projected November 2017	Projected December 2017	Period Total	End of Period Total
1	**Uncollected Investment : Generation**																
	a Prior Period Construction Balance YE 2016		[redacted]														
	b Wind-Down Costs																
	c Sale or Salvage of Assets																
	d Disposition																
	e Total																
2	**Adjustments**																
	a Non-Cash Accruals		[redacted]														
	b Adjusted System Generation (Line 1e + Line 2a)																
	c Retail Jurisdictional Factor : Generation	92.885%															
	d Retail Uncollected Investment: Generation		[redacted]														
3	**Uncollected Investment : Transmission**																
	a Prior Period Construction Balance YE 2016		[redacted]														
	b Wind-Down Costs																
	c Sale or Salvage of Assets																
	d Disposition																
	e Total																
4	**Adjustments**																
	a Non-Cash Accruals		[redacted]														
	b Adjusted System Transmission (Line 3e + Line 4a)																
	c Retail Jurisdictional Factor : Transmission	70.203%															
	d Retail Uncollected Investment: Transmission		[redacted]														
5	**Total Uncollected Investment**																
	a Total Jurisdictional Uncollected Investment (2d + 4d)		222,862,667	0	0	0	0	0	0	0	0	0	0	0	0	0	222,862,667
	b Retail Land Transferred to Land Held for Future Use		(66,221,330)	0	0	0	0	0	0	0	0	0	0	0	0	0	(66,221,330)
	c LLE Deferred Balance (b)		(50,275,957)	0	0	0	0	0	0	0	0	0	0	0	0	0	(50,275,957)
	d Total Jurisdictional Uncollected Investment		106,365,381	0	0	0	0	0	0	0	0	0	0	0	0	0	106,365,381
6	**Carrying Cost on Uncollected Investment Balance**																
	a Uncollected Investment: Additions for the Period (Beg Balance: 2016 Detail Line 5d.)		106,365,381	0	0	0	0	0	0	0	0	0	0	0	0	0	106,365,381
	b Plant-in-Service		1,010,952	0	0	0	0	0	0	0	0	0	0	0	0	0	1,010,952
	c Period Recovered Wind-down / Exit Costs (2014)		9,816,636	0	0	0	0	0	0	0	0	0	0	0	0	0	9,816,636
	d Period Recovered Wind-down / Exit Costs (2015)	(included in line 6h)	(4,312,069)	0	0	0	0	0	0	0	0	0	0	0	0	0	(4,312,069)
	e Period Recovered Wind-down / Exit Costs (2016)	(included in line 6h)	3,111,848	0	0	0	0	0	0	0	0	0	0	0	0	0	3,111,848
	f Period Recovered Wind-down / Exit Costs (2017)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	g Additional Amortization of Uncollected Investment Balance (2014-2015)		(84,653,508)	0	0	0	0	0	0	0	0	0	0	0	0	0	(84,653,508)
	h Prior Period Carrying Charge Unrecovered Balance (a)		(8,349,432)	0	0	0	0	0	0	0	0	0	0	0	0	0	(8,349,432)
	i Prior Period Carrying Charge Recovered		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	j Over/Under Prior Period			0	29,173	29,401	29,629	29,861	30,095	30,330	30,565	30,806	31,046	31,288	31,532	365,502	365,502
	k Net Investment		$3,735,075	$3,735,075	$3,764,247	$3,793,648	$3,823,277	$3,853,138	$3,883,232	$3,913,562	$3,944,127	$3,974,933	$4,005,978	$4,037,266	$4,068,798		$4,100,577
7	Average Net Investment			$3,735,075	$3,764,247	$3,793,648	$3,823,277	$3,853,138	$3,883,232	$3,913,562	$3,944,127	$3,974,933	$4,005,978	$4,037,266	$4,068,798		
8	Return on Average Net Investment																
	a Equity Component	0.00387		14,455	14,568	14,681	14,796	14,912	15,028	15,145	15,264	15,383	15,503	15,624	15,746	181,105	
	b Equity Component Grossed Up For Taxes	1.62800		23,533	23,717	23,901	24,088	24,277	24,466	24,656	24,850	25,044	25,239	25,436	25,635	294,839	
	c Debt Component	0.00151		5,640	5,684	5,728	5,773	5,818	5,864	5,909	5,956	6,002	6,049	6,096	6,144	70,663	
	d Total Return for the Period			29,173	29,401	29,629	29,861	30,095	30,330	30,565	30,806	31,046	31,288	31,532	31,779	365,502	
9	**Revenue Requirements for the Period (Lines 6a + 8d)**			**29,173**	**29,401**	**29,629**	**29,861**	**30,095**	**30,330**	**30,565**	**30,806**	**31,046**	**31,288**	**31,532**	**31,779**	**365,502**	
10	Projected Revenue Requirements Recovered for the Period			0	0	0	0	0	0	0	0	0	0	0	0	0	
11	Over/Under Recovery For the Period			29,173	29,401	29,629	29,861	30,095	30,330	30,565	30,806	31,046	31,288	31,532	31,779	365,502	
12	**Other Exit / Wind-Down**																
	a Accounting			1,742	1,770	2,188	0	0	0	0	0	0	0	0	0	5,700	
	b Corporate Planning			918	3,671	329	0	0	0	0	0	0	0	0	0	4,918	
	c Legal			10,490,125	123,193	0	0	0	0	0	0	0	0	0	0	10,613,318	
	d Joint Owner Credit			0	0	0	0	0	0	0	0	0	0	0	0	0	
	e Total Other Exit / Wind-Down Costs			10,492,785	128,634	2,517	0	0	0	0	0	0	0	0	0	$10,623,936	
13	Jurisdictional Factor (A&G)			0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221		
14	Jurisdictional Amount			9,781,479	119,914	2,346	0	0	0	0	0	0	0	0	0	9,903,739	
15	Prior Period Unrecovered Balance (a)		(868)	(868)	(868)	(868)	(868)	(868)	(868)	(868)	(868)	(868)	(868)	(868)	(868)	(868)	
16	Prior Period Costs Recovered		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	Prior Month Period (Over)/Under Recovery			0	9,784,495	125,164	10,109	7,770	7,776	7,782	7,788	7,794	7,800	7,806	7,813		
18	Unamortized Balance		(868)	(868)	9,783,627	9,908,791	9,918,900	9,926,670	9,934,446	9,942,228	9,950,016	9,957,810	9,965,610	9,973,417	9,981,229		
19	Projected Carrying Costs for the Period																
	a Balance Eligible for Interest			4,889,872	9,843,584	9,909,964	9,918,900	9,926,670	9,934,446	9,942,228	9,950,016	9,957,810	9,965,610	9,973,417	9,981,229		
	b Monthly Commercial Paper Rate			0.06%	0.05%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%		
	c Interest Provision			3,015	5,250	7,763	7,770	7,776	7,782	7,788	7,794	7,800	7,806	7,813	7,819	86,176	
	d Total Costs and Interest (Line 14 + Line 19c)			**9,784,495**	**125,164**	**10,109**	**7,770**	**7,776**	**7,782**	**7,788**	**7,794**	**7,800**	**7,806**	**7,813**	**7,819**	**9,989,915**	
20	Projected Revenue Requirements Recovered for the Period			0	0	0	0	0	0	0	0	0	0	0	0	0	
21	Over/Under Recovery For the Period			9,784,495	125,164	10,109	7,770	7,776	7,782	7,788	7,794	7,800	7,806	7,813	7,819	9,989,915	
22	**Revenue Requirements for the Period (Line 9 + Line 19d)**			**9,813,667**	**154,565**	**39,738**	**37,631**	**37,871**	**38,112**	**38,353**	**38,600**	**38,846**	**39,094**	**39,344**	**39,597**	**10,355,418**	

(a) See Appendix A for Beginning Balance Support
(b) This amount represents deferral of $54M as contemplated in DEF's March 2, 2015 Petition.

DUKE ENERGY FLORIDA
Nuclear Cost Recovery Clause (NCRC) - Levy Nuclear Units 1 & 2
2018 Detail - Calculation of the Revenue Requirements
January 2018 through December 2018

Witness: T.G. Foster / C. Fallon
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Line	Description		Beginning of Period Amount	Projected January 2018	Projected February 2018	Projected March 2018	Projected April 2018	Projected May 2018	Projected June 2018	Projected July 2018	Projected August 2018	Projected September 2018	Projected October 2018	REDACTED Projected November 2018	Projected December 2018	Period Total	End of Period Total
1	**Uncollected Investment : Generation**																
	a Prior Period Construction Balance YE 2017		[redacted]														
	b Wind-Down Costs																
	c Sale or Salvage of Assets																
	d Disposition																
	e Total																
2	**Adjustments**																
	a Non-Cash Accruals		[redacted]														
	b Adjusted System Generation (Line 1e + Line 2a)																
	c Retail Jurisdictional Factor : Generation	92.885%															
	d Retail Uncollected Investment: Generation		[redacted]														
3	**Uncollected Investment : Transmission**																
	a Prior Period Construction Balance YE 2017		[redacted]														
	b Wind-Down Costs																
	c Sale or Salvage of Assets																
	d Disposition																
	e Total																
4	**Adjustments**																
	a Non-Cash Accruals		[redacted]														
	b Adjusted System Transmission (Line 3e + Line 4a)																
	c Retail Jurisdictional Factor : Transmission	70.203%															
	d Retail Uncollected Investment: Transmission		[redacted]														
5	**Total Uncollected Investment**																
	a Total Jurisdictional Uncollected Investment (2d + 4d)		222,862,667	0	0	0	0	0	0	0	0	0	0	0	0	0	222,862,667
	b Retail Land Transferred to Land Held for Future Use		(66,221,330)	0	0	0	0	0	0	0	0	0	0	0	0	0	(66,221,330)
	c LLE Deferred Balance (b)		(50,275,957)	0	0	0	0	0	0	0	0	0	0	0	0	0	(50,275,957)
	d Total Jurisdictional Uncollected Investment		106,365,381	0	0	0	0	0	0	0	0	0	0	0	0	0	106,365,381
6	**Carrying Cost on Uncollected Investment Balance**																
	a Uncollected Investment: Additions for the Period (Beg Balance: Line 5d.)		106,365,381	0	0	0	0	0	0	0	0	0	0	0	0	0	106,365,381
	b Plant-in-Service		1,010,952	0	0	0	0	0	0	0	0	0	0	0	0	0	1,010,952
	c Period Recovered Wind-down / Exit Costs (2014 - 2016)		8,616,414	0	0	0	0	0	0	0	0	0	0	0	0	0	8,616,414
	d Amortization of Uncollected Investment (2014-2015)		(84,653,508)	0	0	0	0	0	0	0	0	0	0	0	0	0	(84,653,508)
	e Period Recovered Wind-down / Exit Costs (2017)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	f Prior Period Carrying Charge Unrecovered Balance (a)		(7,983,929)	0	0	0	0	0	0	0	0	0	0	0	0	0	(7,983,929)
	g Prior Period Carrying Charge Recovered		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	h Amortization of Uncollected Investment (2018)		0	(341,715)	(341,715)	(341,715)	(341,715)	(341,715)	(341,715)	(341,715)	(341,715)	(341,715)	(341,715)	(341,715)	(341,715)	(4,100,577)	(4,100,577)
	i Uncollected Return from the Prior Period		0	0	0	0	0	0	0	0	0	0	0	0	0		
	j Net Investment		$4,100,577	$3,758,862	$3,417,147	$3,075,433	$2,733,718	$2,392,003	$2,050,288	$1,708,574	$1,366,859	$1,025,144	$683,429	$341,715	$0		$0
7	Average Net Investment			$3,929,719	$3,588,005	$3,246,290	$2,904,575	$2,562,861	$2,221,146	$1,879,431	$1,537,716	$1,196,002	$854,287	$512,572	$170,857		
8	Return on Average Net Investment																
	a Equity Component	0.00387		15,208	13,886	12,563	11,241	9,918	8,596	7,273	5,951	4,629	3,306	1,984	661	95,216	
	b Equity Component Grossed Up For Taxes	1.62800		24,759	22,606	20,453	18,300	16,147	13,994	11,840	9,688	7,536	5,382	3,230	1,076	155,012	
	c Debt Component	0.00151		5,934	5,418	4,902	4,386	3,870	3,354	2,838	2,322	1,806	1,290	774	258	37,152	
	d Total Return for the Period			30,693	28,024	25,355	22,686	20,017	17,348	14,678	12,010	9,342	6,672	4,004	1,334	192,164	
9	**Revenue Requirements for the Period (Line 6a + Line 8d)**			**30,693**	**28,024**	**25,355**	**22,686**	**20,017**	**17,348**	**14,678**	**12,010**	**9,342**	**6,672**	**4,004**	**1,334**	**192,164**	
10	**Other Exit / Wind-Down**																
	a Accounting			0	0	0	0	0	0	0	0	0	0	0	0	0	
	b Corporate Planning			0	0	0	0	0	0	0	0	0	0	0	0	0	
	c Legal			0	0	0	0	0	0	0	0	0	0	0	0	0	
	d Joint Owner Credit			0	0	0	0	0	0	0	0	0	0	0	0	0	
	e Total Other Exit / Wind-Down Costs			0	0	0	0	0	0	0	0	0	0	0	0	$0	
11	Jurisdictional Factor (A&G)			0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221		
12	Jurisdictional Amount			0	0	0	0	0	0	0	0	0	0	0	0	0	
13	Prior Period Unrecovered Balance (a)		9,989,048	9,156,627	8,324,206	7,491,786	6,659,365	5,826,944	4,994,524	4,162,103	3,329,683	2,497,262	1,664,841	832,421	0	0	
14	Prior Period Costs Recovered			832,421	832,421	832,421	832,421	832,421	832,421	832,421	832,421	832,421	832,421	832,421	832,421		
15	Prior Month Period (Over)/Under Recovery			0	0	0	0	0	0	0	0	0	0	0	0		
16	Unamortized Balance		9,989,048	9,156,627	8,324,206	7,491,786	6,659,365	5,826,944	4,994,524	4,162,103	3,329,683	2,497,262	1,664,841	832,421	(0)		
17	Projected Carrying Costs for the Period																
	a Balance Eligible for Interest			9,989,048	9,156,627	8,324,206	7,491,786	6,659,365	5,826,944	4,994,524	4,162,103	3,329,683	2,497,262	1,664,841	832,421		
	b Monthly Commercial Paper Rate			0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%		
	c Interest Provision			7,825	7,173	6,521	5,869	5,217	4,564	3,912	3,260	2,608	1,956	1,304	652	50,861	
	d Total Costs and Interest (Line 12 + Line 17c)			7,825	7,173	6,521	5,869	5,217	4,564	3,912	3,260	2,608	1,956	1,304	652	50,861	
18	**Revenue Requirements for the Period (Lines 12 + Line 17d)**			**7,825**	**7,173**	**6,521**	**5,869**	**5,217**	**4,564**	**3,912**	**3,260**	**2,608**	**1,956**	**1,304**	**652**	**50,861**	
19	**Total Revenue Requirements for the Period (Line 9 + Line 18)**			**38,517**	**35,197**	**31,875**	**28,555**	**25,233**	**21,913**	**18,591**	**15,271**	**11,950**	**8,628**	**5,308**	**1,986**	**243,025**	

(a) See Appendix A for Beginning Balance Support
(b) This amount represents deferral of $54M as contemplated in DEF's March 2, 2015 Petition.

DUKE ENERGY FLORIDA
Nuclear Cost Recovery Clause (NCRC) - Levy Nuclear Units 1 & 2
2017 Detail - Calculation of the Revenue Requirements - LLE Deferred Balance
January 2017 through December 2017

Line	Description		Beginning of Period Amount	Actual January 2017	Actual February 2017	Projected March 2017	Projected April 2017	Projected May 2017	Projected June 2017	Projected July 2017	Projected August 2017	Projected September 2017	Projected October 2017	Projected November 2017	Projected December 2017	Period Total	End of Period Total
1	**Uncollected Investment : LLE Deferred Balance**																
	a Uncollected Investment: LLE Deferred Balance ($54M System)		50,275,957	0	0	0	0	0	0	0	0	0	0	0	0	0	50,275,957
	b Prior Period Carrying Charge Unrecovered Balance		8,463,571	0	0	0	0	0	0	0	0	0	0	0	0	0	8,463,571
	c Prior Period Carrying Charge Recovered		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d Over/Under Prior Period			0	458,778	462,359	465,972	469,611	473,278	476,975	480,701	484,455	488,239	492,053	495,896	5,748,085	5,748,085
	e Net Investment		$58,739,528	$58,739,528	$59,198,305	$59,660,665	$60,126,637	$60,596,248	$61,069,526	$61,546,501	$62,027,201	$62,511,656	$62,999,895	$63,491,948	$63,987,844		$64,487,613
2	Average Net Investment		$58,739,528	$58,739,528	$59,198,305	$59,660,665	$60,126,637	$60,596,248	$61,069,526	$61,546,501	$62,027,201	$62,511,656	$62,999,895	$63,491,948	$63,987,844		
3	Return on Average Net Investment																
	a Equity Component	0.00387		227,322	229,097	230,887	232,690	234,507	236,339	238,185	240,045	241,920	243,810	245,714	247,633	2,848,149	
	b Equity Component Grossed Up For Taxes	1.62800		370,081	372,970	375,884	378,820	381,778	384,760	387,766	390,794	393,846	396,923	400,023	403,147	4,636,791	
	c Debt Component	0.00151		88,697	89,389	90,088	90,791	91,500	92,215	92,935	93,661	94,393	95,130	95,873	96,622	1,111,294	
	d Total Return for the Period			458,778	462,359	465,972	469,611	473,278	476,975	480,701	484,455	488,239	492,053	495,896	499,769	5,748,085	
4	**Revenue Requirements for the Period (Line 3d)**			**458,778**	**462,359**	**465,972**	**469,611**	**473,278**	**476,975**	**480,701**	**484,455**	**488,239**	**492,053**	**495,896**	**499,769**	**5,748,085**	
5	Projected Revenue Collected for the Period			0	0	0	0	0	0	0	0	0	0	0	0	0	
6	Over/Under Recovery For the Period			458,778	462,359	465,972	469,611	473,278	476,975	480,701	484,455	488,239	492,053	495,896	499,769	5,748,085	

(a) See Appendix A for Beginning Balance Support

DUKE ENERGY FLORIDA
Nuclear Cost Recovery Clause (NCRC) - Levy Nuclear Units 1 & 2
2018 Detail - Calculation of the Revenue Requirements - LLE Deferred Balance
January 2018 through December 2018

Witness: T.G. Foster / C. Fallon
Docket No. 170009-EI
Exhibit: (TGF- 3), Page 7 of 14

Line	Description		Beginning of Period Amount	Projected January 2018	Projected February 2018	Projected March 2018	Projected April 2018	Projected May 2018	Projected June 2018	Projected July 2018	Projected August 2018	Projected September 2018	Projected October 2018	Projected November 2018	Projected December 2018	Period Total	End of Period Total
1	**Uncollected Investment : LLE Deferred Balance**																
	a Uncollected Investment: LLE Deferred Balance		50,275,957	0	0	0	0	0	0	0	0	0	0	0	0	0	50,275,957
	b Prior Period Carrying Charge Unrecovered Balance		14,211,656	0	0	0	0	0	0	0	0	0	0	0	0	0	14,211,656
	c Prior Period Carrying Charge Recovered		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d Amortization of Unrecovered Balance			(5,373,968)	(5,373,968)	(5,373,968)	(5,373,968)	(5,373,968)	(5,373,968)	(5,373,968)	(5,373,968)	(5,373,968)	(5,373,968)	(5,373,968)	(5,373,968)	(64,487,613)	(64,487,613)
	e Net Investment		$64,487,613	$59,113,645	$53,739,677	$48,365,710	$42,991,742	$37,617,774	$32,243,806	$26,869,839	$21,495,871	$16,121,903	$10,747,935	$5,373,968	$0		$0
2	Average Net Investment		64,487,613	$61,800,629	$56,426,661	$51,052,694	$45,678,726	$40,304,758	$34,930,790	$29,556,823	$24,182,855	$18,808,887	$13,434,919	$8,060,952	$2,686,984		
3	Return on Average Net Investment																
	a Equity Component	0.00387		239,168	218,371	197,574	176,777	155,979	135,182	114,385	93,588	72,790	51,993	31,196	10,399	1,497,402	
	b Equity Component Grossed Up For Taxes	1.62800		389,366	355,508	321,651	287,793	253,934	220,077	186,219	152,361	118,502	84,645	50,787	16,930	2,437,773	
	c Debt Component	0.00151		93,319	85,204	77,090	68,975	60,860	52,745	44,631	36,516	28,401	20,287	12,172	4,057	584,257	
	d Total Return for the Period			482,685	440,712	398,741	356,768	314,794	272,822	230,850	188,877	146,903	104,932	62,959	20,987	3,022,030	
4	**Revenue Requirements for the Period (Line 3d)**			**482,685**	**440,712**	**398,741**	**356,768**	**314,794**	**272,822**	**230,850**	**188,877**	**146,903**	**104,932**	**62,959**	**20,987**	**3,022,030**	

DUKE ENERGY FLORIDA
Nuclear Cost Recovery Clause (NCRC) - Levy
May 1, 2017 Filing: Estimated Rate Impact

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY:

DOCKET NO.: 170009-EI

EXPLANATION: Using the billing determinants and allocation factors used in the previous year's cost recovery filings, provide an estimate of the rate impact by class of the costs requested for recovery. Current billing determinants and allocation factors may be used, if available.

Exhibit: **TGF-3**

For the Year Ended: **12/31/2018**

Witness: **T.G. Foster**

Rate Class		(1) 12CP & 1/13 AD Demand Allocator	(2) Production Demand Costs $	(3) Effective Mwh's @ Secondary Level	(4) **Capacity Cost Recovery Factor (c/Kwh)**	(5) **Capacity Cost Recovery Factor ($/kw-Mo)**
Residential						
RS-1, RST-1, RSL-1, RSL-2, RSS-1						
	Secondary	61.575%	$50,430,404	20,065,455	**0.251**	
General Service Non-Demand						
GS-1, GST-1						
	Secondary			1,771,522	**0.195**	
	Primary			18,904	**0.193**	
	Transmission			2,249	**0.191**	
	TOTAL GS	4.265%	$3,493,257	**1,792,675**		
General Service						
GS-2	Secondary	0.277%	$227,162	164,485	**0.138**	
General Service Demand						
GSD-1, GSDT-1, SS-1						
	Secondary			11,781,055		**0.71**
	Primary			2,207,425		**0.70**
	Transmission			6,336		**0.70**
	TOTAL GSD	30.414%	$24,909,380	**13,994,815**		
Curtailable						
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3						
	Secondary			-		**0.56**
	Primary			127,323		**0.55**
	Transmission			-		**0.55**
	TOTAL CS	0.233%	$190,512	**127,323**		
Interruptible						
IS-1, IST-1, IS-2, IST-2, SS-2						
	Secondary			84,376		**0.55**
	Primary			1,484,254		**0.54**
	Transmission			298,008		**0.54**
	TOTAL IS	3.060%	$2,505,801	**1,866,638**		
Lighting						
LS-1	Secondary	0.177%	$144,702	375,320	**0.039**	
		100.000%	81,901,218	38,386,711	**0.213**	

2017 Detail

Line No.				
	Unrecovered Investment Beginning Balance for Carrying Cost Calculation			
6h.	**Prior Period Unrecovered Balance**	**$ (8,349,432)**		
	Prior Period Carrying Charge Unrecovered Balance	(11,552,110)	Exhibit TGF-1 Filed March 1, 2017	Line 6g.
	Over/Under Recovery For the Period	3,202,678	Exhibit TGF-1 Filed March 1, 2017	Line 11.
	Other Exit & Wind-Down Costs			
15.	**Prior Period (Over)/Under Recovery**	**$ (868)**		
	Prior Period (Over)/Under Recovery	(42,490)	Exhibit TGF-1 Filed March 1, 2017	Line 15.
	Over/Under Recovery For the Period	41,622	Exhibit TGF-1 Filed March 1, 2017	Line 21.

2017 LLE Dispostion

Line No.				
1a.	Uncollected Investment: LLE Deferred Balance ($54M System)	**$ 50,275,957**	Exhibit TGF-1 Filed March 1, 2017	Line 1a.
1b.	Prior Period Carrying Charge Unrecovered Balance	**$ 8,463,571**		
	Prior Period Carrying Charge Unrecovered Balance (a)	3,153,738	Exhibit TGF-1 Filed March 1, 2017	Line 1b.
	Over/Under Recovery For the Period	5,309,833	Exhibit TGF-1 Filed March 1, 2017	Line 6.

2018 Detail

Line No.			
	Unrecovered Investment Beginning Balance for Carrying Cost Calculation		
6f.	**Prior Period Unrecovered Balance**	**$ (7,983,929)**	
	Monthly amount to recover		
	Prior Period Carrying Charge Unrecovered Balance	(8,349,432)	Line 6h. 2017 Detail
	Over/Under Recovery For the Period	365,502	Line 1.1 2017 Detail
6h.	**Amoritizatoin of Uncollected Balance**	**$ 341,715**	
	Monthly amount to recover		
	Beginning Balance	4,100,577	Line 6j. 2018 Detail
	Recover over 12 Months	Divide Line 6j by 12	
	Other Exit & Wind-Down Costs		
13.	**Prior Period (Over)/Under Recovery**	**$ 9,989,048**	
	Prior Period (Over)/Under Recovery	(868)	Line 15. 2017 Detail
	Over/Under Recovery For the Period	9,989,915	Line 21. 2017 Detail

LEVY COUNTY NUCLEAR 1 & 2
May 1, 2017 Filing: Other Exit / Wind-Down Expenditures Allocated or Assigned to Other Recovery Mechanisms

EXPLANATION: Provide variance explanations comparing the actual system total expenditures shown on 2017 Detail Schedule with the expenditures provided to the Commission in the 2017 Detail Projection Schedules.

Appendix B
Witness: Thomas G. Foster
Docket No. 170009-EI
Exhibit: (TGF - 3), Page 10 of 14

COMPANY:
Duke Energy Florida

DOCKET NO.:
170009-EI

For Year Ended 12/31/2017

Line No.	Description	(A) System Projection	(B) System 2017 True-up	(C) Variance Amount	(D) Explanation
	Allocated or Assigned Other Exit / Wind-Down Expenditures				
1	Accounting	$29,328	$5,700	($23,628)	Only known 2017 costs (January - March) are presented
2	Corporate Planning	33,684	4,918	(28,766)	Only known 2017 costs (January - March) are presented
3	Legal	0	10,613,318	10,613,318	WEC litigation costs that have been paid as of March 2017
4	Total	$63,012	$10,623,936	$10,560,924	

Note:
System Projection from April 27, 2016 Filing in Docket No. 160009-EI.

DUKE ENERGY FLORIDA

Appendix C
Witness: Thomas G. Foster
Docket No. 170009-EI
Exhibit (TGF - 3), Page 11 of 14

FPSC Adjusted Basis
December 2016

	System Per Books	Retail Per Books	Pro Rata Adjustments	Specific Adjustments	Adjusted Retail	Cap Ratio	Low-Point Cost Rate	Low-Point Weighted Cost	Mid-Point Cost Rate	Mid-Point Weighted Cost	High-Point Cost Rate	High-Point Weighted Cost
Common Equity	$5,023,997,074	$4,559,486,259	($628,289,798)	$730,143,789	$4,661,340,251	45.53%	9.50%	4.33%	10.50%	4.78%	11.50%	5.24%
Long Term Debt	4,279,273,292	3,883,618,459	(535,156,313)		3,348,462,145	32.70%	5.52%	1.81%	5.52%	1.81%	5.52%	1.81%
Short Term Debt	568,717,000	516,134,327	(71,122,472)	(14,788,690)	430,223,165	4.20%	0.58%	0.02%	0.58%	0.02%	0.58%	0.02%
Customer Deposits												
Active	217,238,534	217,238,534	(29,935,117)		187,303,417	1.83%	2.31%	0.04%	2.31%	0.04%	2.31%	0.04%
Inactive	1,536,624	1,536,624	(211,744)		1,324,880	0.01%						
Investment Tax Credits	1,535,925	1,393,916	(192,079)		1,201,837	0.01%						
Deferred Income Taxes	2,574,334,211	2,336,315,346	(321,940,458)	(236,465,354)	1,777,909,534	17.36%						
FAS 109 DIT - Net	(216,055,335)	(196,079,200)	27,019,395		(169,059,805)	-1.65%						
Total	**$12,450,577,325**	**$11,319,644,264**	**($1,559,828,587)**	**$478,889,745**	**$10,238,705,423**	**100.00%**		**6.20%**		**6.65%**		**7.11%**

* Daily Weighted Average
** Cost Rates Calculated Per IRS Ruling

Equity	4.78%
Debt	1.87%
Total	6.65%

LEVY COUNTY NUCLEAR 1 & 2
Site Selection, Preconstruction Costs, and Carrying Costs on Construction Cost Balance
May 1, 2017 Filing: Description of Monthly Cost Additions

EXPLANATION: Provide a description of the major tasks performed within these Categories for the year.
List generation expenses separate from transmission

Appendix D
Witness: C. Fallon
Exhibit: (TGF - 3), Page 12 of 14

COMPANY:
Duke Energy Florida

DOCKET NO.:
170009-EI

For Year Ended 12/31/2017

Line No.	Major Task & Description for amounts on 2017 Detail Schedule	Description
	Generation:	
1	Wind-Down Costs	Spend performed in accordance with Rule 25-6.0423(7).
2	Sale or Salvage of Assets	The amount of proceeds received from either selling, transferring or otherwise receiving salvage value for the nuclear assets.
3	Disposition	The cost of winding-down and exiting the nuclear project contracts
	Transmission:	
1	Wind-Down Costs	Spend performed in accordance with Rule 25-6.0423(7).
2	Sale or Salvage of Assets	The amount of proceeds received from either selling, transferring or otherwise receiving salvage value for the nuclear assets.
3	Disposition	The cost of winding-down and exiting the nuclear project contracts

LEVY COUNTY NUCLEAR 1 & 2
Site Selection, Preconstruction Costs, and Carrying Costs on Construction Cost Balance
May 1, 2017 Filing: Regulatory Asset Category - Variance in Additions and Expenditures

EXPLANATION: Provide variance explanations comparing the annual system total expenditures shown on 2017 Detail Schedule with the expenditures provided to the Commission on 2017 Projection Detail schedule. List the Generation expenses separate from Transmission in the same order appearing on 2017 Detail Schedule.

Appendix D
Witness: C. Fallon
Exhibit: (TGF - 3), Page 13 of 14

COMPANY:
Duke Energy - FL

DOCKET NO.:
170009-EI

For Year Ended 12/31/2017

Line No.	Major Task & Description for amounts on Schedule	(A) System Projection	(B) System 2017 True-up	(C) Variance Amount	(D) Explanation
	Generation:				
1	Wind-Down Costs	$0	$0	$0	
2	Sale or Salvage of Assets	0	0	0	
3	Disposition	0	0	0	
4	Total Generation Costs	$0	$0	$0	
	Transmission:				
1	Wind-Down Costs	$0	0	$0	
2	Sale or Salvage of Assets	0	0	0	
3	Disposition	0	0	0	
4	Total Transmission Costs	$0	$0	$0	

Note:
System Projection from April 27, 2016 Filing in Docket No. 160009-EI.

LEVY COUNTY NUCLEAR 1 & 2
May 1, 2017 Filing: Contracts Executed

EXPLANATION: Provide a list of contracts executed in excess of $1 million including, a description of the work, the dollar value and term of the contract, the method of ve
the identity and affiliation of the vendor, and current status of the contract.

COMPANY:
Duke Energy Florida

DOCKET NO.:
170009-EI

Appendix E
Witness: C. Fallon
Docket No. 170009-EI
Exhibit: (TGF - 3), Page 14 of 14

For Year Ended: 12/31/2017

All contracts have been closed-out.

Costs or credits associated with terminating the EPC contract and related long lead equipment purchase orders are subject to litigation appearl in federal court and are unknown at this time.

SCHEDULE APPENDIX

EXHIBIT (TGF-4)

DUKE ENERGY FLORIDA, LLC.
CRYSTAL RIVER UNIT 3 UPRATE
COMMISSION SCHEDULES

JANUARY 2017 - DECEMBER 2018
DOCKET NO. 170009-EI

Table of Contents
Crystal River Unit 3 Uprate
January 2017 - December 2018

(1)	Amortization of Unrecovered Balance	43,681,007	See 2018 Detail line 3d
(2)	Period Carrying Cost on Unrecovered Investment	6,084,679	See 2018 Detail line 5d
(3)	Period Exit Costs	-	See 2018 Detail line 3c
(4)	Period Other Exit / Wind-Down Costs incl. Interest	38,750	See 2018 Detail line 13d
(5)	Prior Period Over/Under Recoveries	(191,700)	See 2018 Detail lines: 3f and 10
(6)	Total 2018 Revenue Requirement	49,612,736	
(7)	Revenue Tax Multiplier	1.00072	
(8)	Total 2018 Projected Revenue Requirements	49,648,457	

DUKE ENERGY FLORIDA
Nuclear Cost Recovery Clause (NCRC) - CR3 Uprate
2017 Detail - Calculation of the Revenue Requirements
January 2017 through December 2017

Witness: T.G. Foster
Docket No. 170009-EI
Exhibit (TGF- 4), Page 4 of 13

Line	Description		Beginning of Period Amount	Actual January 2017	Actual February 2017	Actual March 2017	Estimated April 2017	Estimated May 2017	Estimated June 2017	Estimated July 2017	Estimated August 2017	Estimated September 2017	Estimated October 2017	Estimated November 2017	Estimated December 2017	Period Total
1	**Uncollected Investment**															
	a EPU Construction & Wind-Down Costs		377,363,975	0	0	0	0	0	0	0	0	0	0	0	0	$0
	b Sale or Salvage of Assets		(3,029,358)	0	0	0	0	0	0	0	0	0	0	0	0	0
	c Disposition		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d Total		374,334,617	0	0	0	0	0	0	0	0	0	0	0	0	$0
2	**Adjustments**															
	a Non-Cash Accruals		0	0	0	0	0	0	0	0	0	0	0	0	0	$0
	b Joint Owner Credit		(29,982,935)	0	0	0	0	0	0	0	0	0	0	0	0	0
	c Other (b)		(28,108,647)	0	0	0	0	0	0	0	0	0	0	0	0	0
	d Adjusted System Generation Construction		316,243,034	0	0	0	0	0	0	0	0	0	0	0	0	$0
	Retail Jurisdictional Factor : Current Year Activity	92.885%														
	Retail Jurisdictional Factor: (Beg Bal YE 2012 & POD sale)	91.683%														
	e Exit / Wind-down Costs			0	0	0	0	0	0	0	0	0	0	0	0	$0
	f Beginning Balance - pre 2013 Investment		279,911,057	0	0	0	0	0	0	0	0	0	0	0	0	279,911,057
	g Beginning Balance - 2013 Investment		12,170,084	0	0	0	0	0	0	0	0	0	0	0	0	12,170,084
	h Collected 2014 - 2016 Portion of Regulatory Asset		(131,564,861)	0	0	0	0	0	0	0	0	0	0	0	0	(131,564,861)
	i Total Jurisdictional Unrecovered Investment		160,516,279	0	0	0	0	0	0	0	0	0	0	0	0	160,516,279
3	**Carrying Cost on Unrecovered Investment Balance**															
	a Uncollected Investment		160,516,279	0	0	0	0	0	0	0	0	0	0	0	0	160,516,279
	b Plant-in-Service		29,995,096	0	0	0	0	0	0	0	0	0	0	0	0	29,995,096
	c Period Recovered Wind-down / Exit Costs		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d Amortization of Unrecovered Investment (a)		0	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(43,681,007)
	e Prior Period Carrying Charge Unrecovered Balance (a)		(2,163,991)	(1,983,658)	(1,803,326)	(1,622,993)	(1,442,661)	(1,262,328)	(1,081,995)	(901,663)	(721,330)	(540,998)	(360,665)	(180,333)	0	0
	f Prior Period Carrying Charge Recovered (a)		(2,163,991)	(180,333)	(180,333)	(180,333)	(180,333)	(180,333)	(180,333)	(180,333)	(180,333)	(180,333)	(180,333)	(180,333)	(180,333)	
	g Prior Period Under/(Over) Recovery (Prior Month)				(14,739)	(14,453)	(14,163)	(13,869)	(13,576)	(13,279)	(12,980)	(12,680)	(12,375)	(12,068)	(11,761)	(157,393)
	h Net Investment		$128,357,192	$124,897,441	$121,422,951	$117,948,747	$114,474,832	$111,001,211	$107,527,884	$104,054,854	$100,582,123	$97,109,691	$93,637,565	$90,165,746	$86,694,234	$86,682,782
4	Average Net Investment			$126,627,317	$123,152,826	$119,678,622	$116,204,708	$112,731,087	$109,257,760	$105,784,730	$102,311,999	$98,839,567	$95,367,441	$91,895,622	$88,424,109	
5	Return on Average Net Investment															
	a Equity Component	0.00387		490,048	476,601	463,156	449,712	436,269	422,828	409,387	395,947	382,509	369,072	355,636	342,201	4,993,366
	b Equity Component Grossed Up For Taxes	1.62800		797,799	775,907	754,019	732,132	710,247	688,365	666,483	644,602	622,725	600,850	578,976	557,104	8,129,208
	c Debt Component	0.00151		191,207	185,961	180,715	175,469	170,224	164,979	159,735	154,491	149,248	144,005	138,762	133,520	1,948,316
	d Total Return			989,006	961,868	934,734	907,601	880,471	853,344	826,218	799,093	771,973	744,855	717,738	690,624	10,077,523
6	Revenue Requirements for the Period (Lines 3a + 5d)			989,006	961,868	934,734	907,601	880,471	853,344	826,218	799,093	771,973	744,855	717,738	690,624	10,077,524
7	Projected Revenue Requirements for the Period (Order No. PSC 16-0447-FOF-EI)			1,003,745	976,321	948,897	921,470	894,046	866,622	839,197	811,773	784,348	756,923	729,499	702,075	10,234,917
8	Over/Under Recovery For the Period			($14,739)	($14,453)	($14,163)	($13,869)	($13,576)	($13,279)	($12,980)	($12,680)	($12,375)	($12,068)	($11,761)	($11,451)	($157,393)
9	**Other Exit / Wind-Down**															
	a Accounting			1,742	1,770	2,188	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	30,181
	b Corporate Planning			319	3,473	329	1,093	1,093	1,093	1,093	1,093	1,093	1,093	1,093	1,093	13,956
	c Legal			0	0	0	0	0	0	0	0	0	0	0	0	0
	d Joint Owner Credit			(169)	(431)	(207)	(313)	(313)	(313)	(313)	(313)	(313)	(313)	(313)	(313)	(3,628)
	e Total Other Exit / Wind-Down Costs			1,892	4,812	2,310	3,499	3,499	3,499	3,499	3,499	3,499	3,499	3,499	3,499	40,509
10	Jurisdictional Factor (A&G)			0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	
11	Jurisdictional Amount			1,763	4,486	2,154	3,262	3,262	3,262	3,262	3,262	3,262	3,262	3,262	3,262	37,763
12	Prior Period Unrecovered Balance (a)		(122,994)	(114,135)	(105,276)	(96,417)	(87,558)	(78,699)	(69,840)	(60,981)	(52,122)	(43,263)	(34,404)	(25,545)	(16,686)	
13	Prior Period Costs Recovered (a)		(106,309)	(8,859)	(8,859)	(8,859)	(8,859)	(8,859)	(8,859)	(8,859)	(8,859)	(8,859)	(8,859)	(8,859)	(8,859)	
14	Prior Month Period (Over)/Under Recovery			0	(2,865)	(129)	(2,484)	(1,370)	(1,365)	(1,360)	(1,355)	(1,349)	(1,344)	(1,339)	(1,334)	
15	Unamortized Balance		(122,994)	(114,135)	(108,141)	(99,411)	(93,035)	(85,546)	(78,052)	(70,553)	(63,048)	(55,539)	(48,024)	(40,503)	(32,978)	
16	Carrying Costs for the Period															
	a Balance Eligible for Interest			(117,683)	(110,327)	(102,764)	(95,834)	(88,345)	(80,851)	(73,351)	(65,847)	(58,337)	(50,822)	(43,302)	(35,776)	
	b Monthly Commercial Paper Rate			0.06%	0.05%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	
	c Interest Provision			(73)	(59)	(80)	(75)	(69)	(63)	(57)	(52)	(46)	(40)	(34)	(28)	(676)
	d Total Costs and Interest (Line 11 + Line 16c)			1,691	4,427	2,073	3,187	3,193	3,199	3,205	3,211	3,217	3,222	3,228	3,234	37,087
17	Recovered (Order No. PSC 16-0447-FOF-EI)			4,555	4,556	4,557	4,557	4,558	4,559	4,559	4,560	4,561	4,561	4,562	4,563	54,708
18	Over/Under Recovery For the Period			(2,865)	(129)	(2,484)	(1,370)	(1,365)	(1,360)	(1,355)	(1,349)	(1,344)	(1,339)	(1,334)	(1,328)	(17,621)
19	**Revenue Requirements for the Period**			**990,697**	**966,295**	**936,807**	**910,788**	**883,664**	**856,543**	**829,422**	**802,304**	**775,190**	**748,077**	**720,966**	**693,858**	**10,114,611**
20	Period Costs Recovered (Order No. PSC 16-0447-FOF-EI)			1,008,300	980,877	953,454	926,028	898,604	871,181	843,757	816,333	788,909	761,484	734,061	706,638	10,289,625
21	**Over/Under Recovery For the Period**			**(17,603)**	**(14,582)**	**(16,647)**	**(15,240)**	**(14,941)**	**(14,638)**	**(14,334)**	**(14,029)**	**(13,719)**	**(13,407)**	**(13,095)**	**(12,780)**	**(175,014)**

(a) Please see Appendix A for Beginning Balance support and support of Amortization of Unrecovered Balance.
(b) Other line reflects cost of removal of previously existing assets.

DUKE ENERGY FLORIDA
Nuclear Cost Recovery Clause (NCRC) - CR3 Uprate
2018 Detail - Calculation of the Revenue Requirements
January 2018 through December 2018

Line	Description		Beginning of Period Amount	Projected January 2018	Projected February 2018	Projected March 2018	Projected April 2018	Projected May 2018	Projected June 2018	Projected July 2018	Projected August 2018	Projected September 2018	Projected October 2018	Projected November 2018	Projected December 2018	Period Total
1	**Uncollected Investment**															
	a EPU Construction & Wind-Down Costs		377,363,975	0	0	0	0	0	0	0	0	0	0	0	0	$0
	b Sale or Salvage of Assets		(3,029,358)	0	0	0	0	0	0	0	0	0	0	0	0	0
	c Disposition		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d Total		374,334,617	0	0	0	0	0	0	0	0	0	0	0	0	$0
2	**Adjustments**															
	a Non-Cash Accruals		0	0	0	0	0	0	0	0	0	0	0	0	0	$0
	b Joint Owner Credit		(29,982,935)	0	0	0	0	0	0	0	0	0	0	0	0	0
	c Other (b)		(28,108,647)	0	0	0	0	0	0	0	0	0	0	0	0	0
	d Adjusted System Generation Construction		316,243,034	0	0	0	0	0	0	0	0	0	0	0	0	$0
	Retail Jurisdictional Factor : Current Year Activity	92.885%														
	Retail Jurisdictional Factor: (Beg Bal YE 2012 only)	91.683%														
	e Exit / Wind-Down Costs for the Period			0	0	0	0	0	0	0	0	0	0	0	0	$0
	f Beginning Balance - pre 2013 Investment		279,911,057	0	0	0	0	0	0	0	0	0	0	0	0	279,911,057
	g Beginning Balance - 2013 Investment		12,170,084	0	0	0	0	0	0	0	0	0	0	0	0	12,170,084
	h Collected Reg Asset - 2014 through 2016		(175,245,868)	0	0	0	0	0	0	0	0	0	0	0	0	(175,245,868)
	i Total Jurisdictional Unrecovered Investment		116,835,272	0	0	0	0	0	0	0	0	0	0	0	0	116,835,272
3	**Carrying Cost on Unrecovered Investment Balance**															
	a Uncollected Investment		116,835,272	0	0	0	0	0	0	0	0	0	0	0	0	116,835,272
	b Plant-in-Service		29,995,096	0	0	0	0	0	0	0	0	0	0	0	0	29,995,096
	c Period Recovered Wind-down / Exit Costs		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d Amortization of Unrecovered Investment (a)		0	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(3,640,084)	(43,681,007)
	e Prior Period Carrying Charge Unrecovered Balance (a)		(157,393)	(144,277)	(131,161)	(118,045)	(104,929)	(91,813)	(78,697)	(65,581)	(52,464)	(39,348)	(26,232)	(13,116)	(0)	(0)
	f Prior Period Carrying Charge Recovered		(157,393)	(13,116)	(13,116)	(13,116)	(13,116)	(13,116)	(13,116)	(13,116)	(13,116)	(13,116)	(13,116)	(13,116)	(13,116)	0
	g Prior Period Under/(Over) Recovery				0	0	0	0	0	0	0	0	0	0	0	
	h Net Investment		$86,682,782	$83,055,815	$79,428,847	$75,801,879	$72,174,911	$68,547,943	$64,920,975	$61,294,008	$57,667,040	$54,040,072	$50,413,104	$46,786,136	$43,159,168	$43,159,168
4	Average Net Investment			$84,869,298	$81,242,331	$77,615,363	$73,988,395	$70,361,427	$66,734,459	$63,107,492	$59,480,524	$55,853,556	$52,226,588	$48,599,620	$44,972,652	
5	Return on Average Net Investment															
	a Equity Component	0.00387		328,444	314,408	300,371	286,335	272,299	258,262	244,226	230,190	216,153	202,117	188,081	174,044	3,014,930
	b Equity Component Grossed Up For Taxes	1.62800		534,707	511,857	489,004	466,154	443,303	420,451	397,600	374,750	351,897	329,047	306,196	283,344	4,908,311
	c Debt Component	0.00151		128,153	122,676	117,199	111,722	106,246	100,769	95,292	89,816	84,339	78,862	73,385	67,909	1,176,368
	d Total Return			662,860	634,533	606,203	577,876	549,549	521,220	492,892	464,566	436,236	407,909	379,581	351,253	6,084,679
6	**Projected Revenue Requirements for the Period (3a + 5d)**			**662,860**	**634,533**	**606,203**	**577,876**	**549,549**	**521,220**	**492,892**	**464,566**	**436,236**	**407,909**	**379,581**	**351,253**	**6,084,679**
7	**Other Exit / Wind-Down**															
	a Accounting			2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	2,590	31,086
	b Corporate Planning			1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	14,375
	c Legal			0	0	0	0	0	0	0	0	0	0	0	0	0
	d Joint Owner Credit			(311)	(311)	(311)	(311)	(311)	(311)	(311)	(311)	(311)	(311)	(311)	(311)	(3,737)
	e Total Other Exit / Wind-Down Costs			3,477	3,477	3,477	3,477	3,477	3,477	3,477	3,477	3,477	3,477	3,477	3,477	41,724
8	Jurisdictional Factor (A&G)			0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	
9	Jurisdictional Amount			3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	38,896
10	Prior Period Unrecovered Balance (a)		(34,306)	(31,448)	(28,589)	(25,730)	(22,871)	(20,012)	(17,153)	(14,294)	(11,435)	(8,577)	(5,718)	(2,859)	0	
11	Prior Period Costs Recovered		(34,306)	(2,859)	(2,859)	(2,859)	(2,859)	(2,859)	(2,859)	(2,859)	(2,859)	(2,859)	(2,859)	(2,859)	(2,859)	
12	Unamortized Balance		(34,306)	(31,448)	(28,589)	(25,730)	(22,871)	(20,012)	(17,153)	(14,294)	(11,435)	(8,577)	(5,718)	(2,859)	0	
13	Projected Carrying Costs for the Period															
	a Balance Eligible for Interest			(31,256)	(28,397)	(25,539)	(22,680)	(19,821)	(16,962)	(14,103)	(11,244)	(8,385)	(5,527)	(2,668)	191	
	b Monthly Commercial Paper Rate			0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	
	c Interest Provision			(24)	(22)	(20)	(18)	(16)	(13)	(11)	(9)	(7)	(4)	(2)	0	(146)
	d Total Costs and Interest (Line 9 + Line 13c)			3,217	3,219	3,221	3,224	3,226	3,228	3,230	3,233	3,235	3,237	3,239	3,241	38,750
14	**Projected Revenue Requirements for the Period**			**3,217**	**3,219**	**3,221**	**3,224**	**3,226**	**3,228**	**3,230**	**3,233**	**3,235**	**3,237**	**3,239**	**3,241**	**38,750**
15	**Revenue Requirements for the Period**			**666,077**	**637,752**	**609,425**	**581,099**	**552,775**	**524,448**	**496,123**	**467,798**	**439,471**	**411,146**	**382,820**	**354,494**	**6,123,429**

(a) Please see Appendix A for Beginning Balance support and support of Amortization of Unrecovered Balance
(b) Other line reflects cost of removal of previously existing assets.

DUKE ENERGY FLORIDA
Nuclear Cost Recovery Clause (NCRC) - CR3 Uprate
2018 Projection Filing: Estimated Rate Impact

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY:

DOCKET NO.: 170009-EI

EXPLANATION: Using the billing determinants and allocation factors used in the previous year's cost recovery filings, provide an estimate of the rate impact by class of the costs requested for recovery. Current billing determinants and allocation factors may be used, if available.

Exhibit: **TGF-4**

For the Year Ended: **12/31/2018**

Witness: **T.G. Foster**

Rate Class		(1) 12CP & 1/13 AD Demand Allocator	(2) Production Demand Costs $	(3) Effective Mwh's @ Secondary Level	(4) **Capacity Cost Recovery Factor (c/Kwh)**	(5) **Capacity Cost Recovery Factor ($/kw-Mo)**
Residential						
RS-1, RST-1, RSL-1, RSL-2, RSS-1						
	Secondary	61.575%	$30,570,874	20,065,455	**0.152**	
General Service Non-Demand						
GS-1, GST-1						
	Secondary			1,771,522	**0.118**	
	Primary			18,904	**0.117**	
	Transmission			2,249	**0.116**	
	TOTAL GS	4.265%	$2,117,610	**1,792,675**		
General Service						
GS-2	Secondary	0.277%	$137,706	164,485	**0.084**	
General Service Demand						
GSD-1, GSDT-1, SS-1						
	Secondary			11,781,055		**0.43**
	Primary			2,207,425		**0.43**
	Transmission			6,336		**0.42**
	TOTAL GSD	30.414%	$15,100,048	**13,994,815**		
Curtailable						
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3						
	Secondary			-		**0.34**
	Primary			127,323		**0.34**
	Transmission			-		**0.33**
	TOTAL CS	0.233%	$115,488	**127,323**		
Interruptible						
IS-1, IST-1, IS-2, IST-2, SS-2						
	Secondary			84,376		**0.33**
	Primary			1,484,254		**0.33**
	Transmission			298,008		**0.32**
	TOTAL IS	3.060%	$1,519,015	**1,866,638**		
Lighting						
LS-1	Secondary	0.177%	$87,718	375,320	**0.023**	
		100.000%	49,648,457	38,386,711	**0.129**	

2017 Over/Under Recovery Beginning Balance

Line.					
3b	**Transferred to Plant In-service**		**$**	**29,995,096**	
		29,995,096	Exhibit TGF-2_2016 Detail (Filed March 1, 2017)		Line 3b. Plant in Service
3e	**Unrecovered Balance Carrying Cost**		**$**	**(2,163,991)**	
	Prior Period	(1,592,903)	Exhibit TGF-2_2016 Detail (Filed March 1, 2017)		Line 3e. Prior Period Carrying Charge Unrecovered Balance
	Current Period	(571,088)	Exhibit TGF-2_2016 Detail (Filed March 1, 2017)		Line 8 (Over)/Under for the Period
	Total	(2,163,991)			
3f	**Prior Period Carrying Charge Recovered**		**$**	**(2,163,991)**	
	Total	(2,163,991)	Exhibit TGF-4_2017 Detail (Filed April 27, 2016)		Line 3f. Prior Period Carrying Charge Recovered
	Other Exit / Wind-Down				
12	**Prior Period Unrecovered Balance**		**$**	**(122,994)**	
	Prior Period	(85,354)	Exhibit TGF-2_2016 Detail (Filed March 1, 2017)		Line 12 Prior Period Unrecovered Balance
	Current Period	(37,640)	Exhibit TGF-2_2016 Detail (Filed March 1, 2017)		Line 18 (Over)/Under for the Period
	Total	(122,994)			
13	**Prior Period Costs Recovered**		**$**	**(106,309)**	
	Total	(106,309)	Exhibit TGF-4_2017 Detail (Filed April 27, 2016)		Line 11. Prior Period Costs Recovered

2018 Over/Under Recovery Beginning Balance

	Regulatory Asset Carrying Cost			
3e	**Unrecovered Balance Carrying Cost**		**$**	**(157,393)**
	Prior Period	0	Line 3e of 2017 Detail	
	Current Period	(157,393)	Line 8 of 2017 Detail	
	Total	(157,393)		
	Other Exit / Wind-Down			
10	**Prior Period (Over)/Under Recovery**		**$**	**(34,306)**
	Prior Period	(16,686)	Line 12 of 2017 Detail	
	Current Period	(17,621)	Line 18 of 2017 Detail	
	Total	(34,306)		

Annual Amortization Calculation

TGF-3 Filed March 1, 2014			YE 2013 - Actual
1 Net Investment	Lines 2f + 2g (TGF-4) 2017 Detail	$	292,081,140
2 Less: Transferred to Plant-in-Service	Line 3b (TGF-4) 2017 Detail		29,995,096
3 Investment to Amortize	(2014 through 2019)	$	262,086,044
4 Annual Amortization (2015 -2018)	Line 3d (TGF-4) 2017 Detail & 2018 Detail	**$**	**43,681,007**
See Appendix F for Amortization Detail 2013-2019			
2017 BB Investment prior to CY Amort		$	130,521,183
2017 Additions			-
Total (Exclusive of Prior Period Over/Under Recoveries)			130,521,183
Less: 2017 Amortization			43,681,007
Less: Collection of Wind-Down / Exit Costs 2017			-
2017 EB Unrecovered Investment (Exclusive of Prior Period O/U Recoveries)		$	86,840,176
(Over)/Under Recovery for the Period 2017	(2017 Detail: Line 3e & 3g)	$	(157,393)
2017 EB Unrecovered Investment	(Period Total 2017 Detail: Line 3h)	$	86,682,782

CRYSTAL RIVER UNIT 3 UPRATE
Estimated / Actual Filing: Other Exit / Wind-Down Expenditures Allocated or Assigned to Other Recovery Mechanisms

EXPLANATION: Provide variance explanations comparing the actual system total expenditures shown on 2017 Detail Schedule with the expenditures provided to the Commission in the 2017 Detail Projection Schedules.

Appendix B
Witness: Thomas G. Foster
Docket No. 170009-EI
Exhibit (TGF - 4), Page 8 of 13

COMPANY:
Duke Energy Florida

DOCKET NO.:
170009-EI

For Year Ended 12/31/2017

Line No.	Description	(A) System Projection	(B) System Estimated/Actual	(C) Variance Amount	(D) Explanation
	Allocated or Assigned Other Exit / Wind-Down Expenditures				
1	Accounting	$29,328	$30,181	$853	Minor variance from estimated amount.
2	Corporate Planning	34,643	13,956	(20,687)	Minor variance from estimated amount.
3	Legal	0	0	0	Minor variance from estimated amount.
4	Total	$63,971	$44,137	($19,834)	

Note:
System Projection from April 27, 2016 Filing in Docket No. 160009-EI.

DUKE ENERGY FLORIDA

FPSC Adjusted Basis
December 2016

	System Per Books	Retail Per Books	Pro Rata Adjustments	Specific Adjustments	Adjusted Retail	Cap Ratio	Low-Point Cost Rate	Low-Point Weighted Cost	Mid-Point Cost Rate	Mid-Point Weighted Cost	High-Point Cost Rate	High-Point Weighted Cost
Common Equity	$5,023,997,074	$4,559,486,259	($628,289,798)	$730,143,789	$4,661,340,251	45.53%	9.50%	4.33%	10.50%	4.78%	11.50%	5.24%
Long Term Debt	4,279,273,292	3,883,618,459	(535,156,313)		3,348,462,145	32.70%	5.52%	1.81%	5.52%	1.81%	5.52%	1.81%
Short Term Debt	568,717,000	516,134,327	(71,122,472)	(14,788,690)	430,223,165	4.20%	0.58%	0.02%	0.58%	0.02%	0.58%	0.02%
Customer Deposits												
Active	217,238,534	217,238,534	(29,935,117)		187,303,417	1.83%	2.31%	0.04%	2.31%	0.04%	2.31%	0.04%
Inactive	1,536,624	1,536,624	(211,744)		1,324,880	0.01%						
Investment Tax Credits	1,535,925	1,393,916	(192,079)		1,201,837	0.01%						
Deferred Income Taxes	2,574,334,211	2,336,315,346	(321,940,458)	(236,465,354)	1,777,909,534	17.36%						
FAS 109 DIT - Net	(216,055,335)	(196,079,200)	27,019,395		(169,059,805)	-1.65%						
Total	**$12,450,577,325**	**$11,319,644,264**	**($1,559,828,587)**	**$478,889,745**	**$10,238,705,423**	**100.00%**		**6.20%**		**6.65%**		**7.11%**

* Daily Weighted Average
** Cost Rates Calculated Per IRS Ruling

Equity	4.78%
Debt	1.87%
Total	6.65%

CRYSTAL RIVER UNIT 3 UPRATE
Actual Estimated Filing: Construction Category - Description of Monthly Cost Additions

EXPLANATION: Provide a description of the major tasks performed within the Construction category for the year.
List generation expenses separate from transmission in the same order appearing on 2017 Detail Schedule.

Appendix D
Witness: Thomas G. Foster
Docket No. 170009-EI
Exhibit (TGF - 4), Page 10 of 13

COMPANY:
Duke Energy Florida

DOCKET NO.:
170009-EI

For Year Ended 12/31/2017

Line No.	Major Task & Description for amounts on 2017 Detail Schedule	Description
	Generation:	
1	EPU Construction & Wind-Down Costs	Project Management Wind-Down costs
2	Sale or Salvage of Assets	Net Value received in accordance with Duke Energy Procedure AI-9010 regarding Disposition of Assets
3	Disposition	Net Value received in accordance with Duke Energy Procedure AI-9010 regarding Disposition of Assets
	Transmission:	
	N/A	

CRYSTAL RIVER UNIT 3 UPRATE
Estimated / Actual Filing: Construction Category - Variance in Additions and Expenditures

EXPLANATION: Provide variance explanations comparing the annual system total expenditures shown on 2017 Detail Schedule with the expenditures provided to the Commission on 2017 Projection Detail schedule. List the Generation expenses separate from Transmission in the same order appearing on 2017 Detail Schedule.

COMPANY:
Duke Energy Florida

Appendix D
Witness: Thomas G. Foster
Docket No. 170009-EI
Exhibit (TGF - 4), Page 11 of 13

DOCKET NO.:
170009-EI

For Year Ended 12/31/2017

Line No.	Construction Major Task & Description for amounts on 2017 Detail Schedule	(A) System Projection	(B) System Estimated /Actual	(C) Variance Amount	(D) Explanation
	Generation:				
1	EPU Wind-Down Costs	$0	$0	$0	
2	Sale or Salvage of Assets (1)	0	0	0	
3	Disposition	0	0	0	
4	Total Generation Costs	$0	$0	$0	
	Transmission:				
	N/A				

System Projection from April 27, 2016 Filing in Docket No. 160009-EI.

CRYSTAL RIVER UNIT 3 UPRATE
Estimated/Actual & Projection Filing: Summary of Contracts Executed Over $1 Million

FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Provide a list of contracts executed in excess of $1 million including, a description of the work, the dollar value and term of the contract, the method of vendor selection, the identity and affiliation of the vendor, and current status of the contract.	Appendix E Witness: Thomas G. Foster Docket No. 170009-EI Exhibit (TGF - 4), Page 12 of 13
COMPANY: Duke Energy Florida			
DOCKET NO.: 170009-EI			For Year Ended 12/31/2017

All EPU-related contracts in excess of $1 million have been closed as of December 31, 2013. No new contracts over $1 million were executed after December 31, 2013.

CR3 Uprate Unrecovered Investment Amortization Schedule

Exclusive of Prior Period Carrying Cost (Over)/Under Impacts, Adjustments, & Other Exit / Wind-Down Activity

	2013	2014 (a)	2015 (b)	2016 (b)	2017 (b)	2018 (b)	2019 (c)
Project Investment	**$ 279,911,057**	**$ 292,081,140**	**$ 291,592,657**	**$ 290,114,852**	**$ 290,114,852**	**$ 290,114,852**	**$ 290,114,852**
Transferred to Base Rates	**(29,985,613)**	**(29,995,096)**	**(29,995,096)**	**(29,995,096)**	**(29,995,096)**	**(29,995,096)**	**(29,995,096)**
Beginning Balance -- NCRC	**$ 249,925,444**	**$ 262,086,044**	**$ 261,597,561**	**$ 260,119,756**	**$ 260,119,756**	**$ 260,119,756**	**$ 260,119,756**
Prior Period Exit Cost Recoveries	0	0	488,483	1,966,288	1,966,288	1,966,288	1,966,288
Prior Period Amortization Recovery	0	0	(44,202,846)	(87,883,854)	(131,564,861)	(175,245,868)	(218,926,876)
Beginning Balance to be Recovered	**$ 249,925,444**	**$ 262,086,044**	**$ 217,883,198**	**$ 174,202,190**	**$ 130,521,183**	**$ 86,840,176**	**$ 43,159,168**
Exit Cost / Wind -Down Additions	12,170,084	(488,483)	(1,477,805)	0	0	0	0
Transfers to Base Rates	(9,483)	0	0	0	0	0	0
Period Amortization	0	44,202,846	43,681,007	43,681,007	43,681,007	43,681,007	43,159,168
Period Capital Recovery (calculated)	0	(43,714,363)	(42,203,203)	(43,681,007)	(43,681,007)	(43,681,007)	(43,159,168)
Ending Balance (calculated)	**$ 262,086,044**	**$ 217,883,198**	**$ 174,202,190**	**$ 130,521,183**	**$ 86,840,176**	**$ 43,159,168**	**$ -**

	2013	2014 (a)	2015 (b)	2016 (b)	2017 (b)	2018 (b)	2019 (c)
Ending Balance (as shown on Exhibits incl. O/U)	**$ 260,788,581**	**$ 216,712,648**	**$ 170,579,912**	**$ 128,357,192**	**$ 86,682,782**	**$43,159,168**	

End of Period Carrying Cost (Over)/Under Impacts, Adjustments, & Other Exit / Wind-Down Activities, are not included in Amortization or Capital Recovery - shown for illustrative purposes only

	2013	2014 (a)	2015 (b)	2016 (b)	2017 (b)	2018 (b)	2019 (c)
(Over/Under)			(3,622,279)	(2,163,991)	(157,393)	0	
(Over/Under) Shown in Exhibits			(3,622,279)	(2,163,991)	(157,393)	(0)	
Variance			(0)	(0)	(0)	(0)	

Note (a):

TGF-6 Filed May 1, 2013	For 2014 Rates
Estimated YE 2013 Balance	$ 265,009,070
Estimated 2014 Wind-down Costs	208,008
Total Amount to be Amortized	265,217,078
Annual Amortization (2014)	**$ 44,202,846**

Note (b):

TGF-3 Filed March 1, 2014	YE 2013 - Actual
Additions for the Period	$ 292,081,140
Less: Transferred to Plant-in-Service	29,995,096
2013 Actual EB Investment to Amortize	262,086,044
Annual Amortization (2015-2018)	**$ 43,681,007**

Note (c):

TGF-5 Filed May 1, 2014 (noted in Appendix A)	
Annual Amortization (2019)	**$ 43,159,168**
Amount of True-Up for 2019	**$ (521,839)**