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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 160021-EI FLORIDA POWER & LIGHT COMPANY AND SUBSIDIARIES

IN RE: PETITION FOR RATE INCREASE BY FLORIDA POWER & LIGHT COMPANY AND SUBSIDIARIES

DIRECT TESTIMONY & EXHIBITS OF:

KEITH FERGUSON

1	BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2	FLORIDA POWER & LIGHT COMPANY
3	DIRECT TESTIMONY OF KEITH FERGUSON
4	DOCKET NO. 160021-EI
5	MARCH 15, 2016
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1		I. INTRODUCTION
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3	Q.	Please state your name and business address.
4	A.	My name is Keith Ferguson, and my business address is Florida Power &
5		Light Company, 700 Universe Boulevard, Juno Beach, Florida 33408.
6	Q.	By whom are you employed, and what is your position?
7	A.	I am employed by Florida Power & Light Company ("FPL" or the
8		"Company") as Assistant Controller.
9	Q.	Please describe your duties and responsibilities in that position.
10	A.	I am responsible for financial accounting, as well as internal and external
11		reporting for FPL's Corporate Accounting and Property Accounting functions.
12		As a part of these responsibilities, I manage the asset recovery team
13		responsible for analyzing and recording the depreciation, dismantlement, and
14		nuclear decommissioning expenses for FPL and preparing its periodic studies
15		related to these topics.
16	Q.	Please describe your educational background and professional
17		experience.
18	A.	I graduated from the University of Florida in 1999 with a Bachelor of Science
19		Degree in Accounting and earned a Master of Accounting degree from the
20		University of Florida in 2000. Beginning in 2000, I was employed by Arthur
21		Andersen in their energy audit practice in Atlanta, Georgia. From 2002 to
22		2005, I worked for Deloitte & Touche in their national energy practice. From
23		2005 to 2011, I worked for Mirant Corporation, which was an independent
24		power producer in Atlanta, Georgia. During my tenure there, I held various

1		accounting and management roles. Most recently and prior to joining FPL in
2		September 2011, I was Mirant's Director of SEC Reporting and Accounting
3		Research. I am a Certified Public Accountant ("CPA") licensed in the State of
4		Georgia and a member of the American Institute of CPAs. I am also a
5		member of the Society of Depreciation Professionals and have completed the
6		Society's "Depreciation Fundamentals" training course.
7	Q.	Are you sponsoring any exhibits in this case?
8	A.	Yes. I am sponsoring the following exhibits:
9		• KF-1 MFRs Co-sponsored by Keith Ferguson
10		• KF-2 Proposed Depreciation Company Adjustments by Year for Base
11		vs. Clause for 2017 and 2018
12		• KF-3 Summary of Capital Recovery Schedules for 2017 and 2018 –
13		Base Rates vs. Clause Recoverable
14		• KF-4 2016 Dismantlement Study
15		• KF-5 Proposed Dismantlement Company Adjustments for Base vs.
16		Clause
17		• KF-6 Proposed Company Adjustments for Change in Nuclear End of
18		Life Accruals
19	Q.	Are you co-sponsoring any Minimum Filing Requirements ("MFRs") in
20		this case?
21	A.	Yes. Exhibit KF-1 contains a listing of the MFRs I am co-sponsoring.
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Q.

What is the purpose of your testimony?

- A. My testimony covers four topics that serve as inputs to the Company's
 calculation of revenue requirements in this proceeding:
- I provide an overview of the Company adjustment as a result of FPL's
 new depreciation study (the "2016 Depreciation Study"), which was
 conducted in accordance with the rules and requirements of the Florida
 Public Service Commission ("FPSC" or the "Commission"). The
 2016 Depreciation Study has been prepared by FPL witness Allis of
 Gannett Fleming and is supported in his direct testimony in this
 docket;
- I support the request for recovery of retired assets with unrecovered
 balances through capital recovery schedules;
- I present and provide an overview of FPL's dismantlement study
 conducted by Burns & McDonnell ("BMcD") in accordance with
 FPSC rules and the resulting dismantlement accrual (the "2016
 Dismantlement Study"); and
- Finally, I support the change in FPL's end of life materials and
 supplies ("EOL M&S") and nuclear fuel last core accruals as presented
 in FPL's most recent nuclear decommissioning study filed in
 December 2015.

21 Q. Please summarize your testimony.

A. FPL has invested significantly in its production plant, transmission and
distribution assets since its last depreciation study in 2009. While some of

these investments have lengthened lives of the assets to which they relate, resulting in reduced depreciation rates, the overall impact has been an increase in expense for depreciation due primarily to increases in the depreciable value of assets with fixed lives. In addition, these investments have contributed to a modest increase in the dismantlement accrual.

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FPL has retired certain assets that are not yet fully depreciated. Consistent
with Rule 25-6.0436, Florida Administrative Code ("F.A.C.") and
Commission practice, FPL is proposing capital recovery schedules that seek to
recover the remaining investment for those specific assets over a four-year
period.

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Finally, FPL has updated the calculation of its EOL M&S and nuclear fuel last core accruals based on information provided by FPL's nuclear decommissioning study filed in December 2015. The changes in accruals are included as Company adjustments in FPL's 2017 Test Year and 2018 Subsequent Year.

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II. 2016 DEPRECIATION STUDY

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Q. Please summarize the impact of the 2016 Depreciation Study on FPL's
2017 Test Year and 2018 Subsequent Year.

A. FPL has not filed a depreciation study since 2009. FPL has worked closely
with its depreciation consultant, Gannett Fleming, to incorporate updated and
refined technical data into the 2016 Depreciation Study. FPL witness Allis of
Gannett Fleming presents the results of the 2016 Depreciation Study. It
reflects reductions in many of the depreciation rates as a result of the updated
and refined inputs, but overall the study shows an increase in depreciation
rates that is largely a result of investment in infrastructure.

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The total increase in depreciation expense for the 2017 Test Year as a result of the 2016 Depreciation Study is \$221 million, of which \$206 million is related to base rate assets. The \$187 million "Depreciation Study" driver referenced in FPL witness Barrett's Exhibit REB-8 is a retail revenue requirement amount reflecting the retail-only depreciation accrual and the impact of increased depreciation accruals on rate base in the 2017 Test Year. The \$206 million increase is primarily a result of the following:

\$159 million increase as a result of investment in nuclear plant that
 must be depreciated over the finite remaining license period, resulting
 in a higher composite rate of 4.16% versus the current composite rate
 of 2.05% for that function.

- \$52 million increase related to combined cycle plant and driven by the
 following factors:
- 3 \$85 million increase related to an increase in the depreciation 0 4 rate for capital spare parts associated with the combined cycle 5 facilities. The depreciation rate for Account 343, Prime 6 Movers, approved by the Commission in Order No. PSC-10-7 0153-FOF-EI did not sufficiently differentiate between the 8 inherent shorter life of capital spare parts and the balance of the 9 plants for which those parts are acquired, resulting in an 10 understatement of depreciation expense for the spare parts. In 11 particular, the depreciation rate prescribed for West County 12 Energy Center did not differentiate at all for capital spare parts. 13 In the absence of any other prescribed rate for capital spare 14 parts, FPL has been applying that rate to all subsequent 15 combined cycle plants as well. The 2016 Depreciation Study 16 proposes a differentiated rate for capital spare parts that 17 addresses this discrepancy.
- This is partially offset by a \$33 million decrease primarily
 related to the net effect of an increase in the life span of
 combined cycle plants from 30 years to 40 years and other
 factors.
- These increases were partially offset by a net decrease of \$5 million
 for all other functions.

1 These same drivers apply to the increase in depreciation expense for the 2018 2 Subsequent Year of \$223 million, of which \$209 million relates to base rate 3 assets. FPL witness Allis explains in more detail the underlying drivers for 4 the changes in the depreciation rates that resulted in the changes in expense 5 noted above.

6 Q. How has the Company reflected the results of the 2016 Depreciation 7 Study in the 2017 Test Year and 2018 Subsequent Year?

8 The 2016 Depreciation Study reflects different rates than those approved by A. 9 the Commission in FPL's 2009 depreciation study and used to prepare the 10 forecast for the 2017 Test Year and 2018 Subsequent Year. Accordingly, FPL 11 has made Company adjustments to the 2017 Test Year and 2018 Subsequent 12 Year to reflect changes in depreciation expense and accumulated depreciation 13 based on the resulting depreciation rates in the 2016 Depreciation Study. The 14 reconciliation of total company depreciation expense included in FPL's 2017 15 Test Year and 2018 Subsequent Year forecasts to the calculated expense based 16 on the 2016 Depreciation Study are reflected on Exhibit KF-2.

17 Q. What is the basis for the plant and reserve balances used in FPL's 2016 18 Depreciation Study?

A. The parameters utilized in the 2016 Depreciation Study are based in part on
the statistical analyses of actual plant and reserve balance activity through
December 31, 2014, which incorporates data through the most recent full year
of historical data (i.e., retirements, net salvage, etc.) that was available at the
time the study was prepared. The results of these parameter analyses are then

1 applied to estimated gross plant balances through the end of 2017, which 2 includes actual balances as of September 30, 2015, to determine the 3 appropriate depreciation rates. As FPL is using forecasted data for the 2017 4 Test Year and 2018 Subsequent Year, FPL appropriately included new assets 5 that are not yet in service, such as FPL's Port Everglades Energy Center 6 ("Port Everglades"), three new 74.5 MW solar facilities, and the replacement 7 of gas turbines with combustion turbines, all of which are scheduled to be in-8 service by the end of 2016.

9 Q. Is all of the depreciation expense increase reflected in the Company 10 adjustment associated with base rate investments?

11 Yes. Because some of FPL's investments are recovered through its A. 12 Environmental Cost Recovery Clause ("ECRC"), Energy Conservation Cost 13 Recovery Clause ("ECCR") and Capacity Cost Recovery Clause ("CCRC"), 14 the Company adjustment reflected in the 2017 Test Year and 2018 Subsequent 15 Year excludes the amount of depreciation related to clause investment and 16 includes only the depreciation for investments recovered through base rates. 17 Exhibit KF-2 reflects the total depreciation expense increase and delineates 18 between base rates and clause recovery. For the 2017 Test Year, the clause 19 adjustment is \$15 million while the 2018 Subsequent Year is \$14 million. 20 FPL will reflect the depreciation rate changes approved from this proceeding 21 when it determines depreciation expense in the applicable clauses beginning 22 in January 1, 2017, which is the date when the approved depreciation rates 23 become effective.

- Q. Please describe the calculation of the depreciation expense reflected in the
 2019 Okeechobee Clean Energy Center ("Okeechobee Unit") Limited
 3 Scope Adjustment ("2019 Okeechobee LSA").
- A. FPL has used the proposed depreciation rates for PEEC in the 2016
 Depreciation Study as a proxy for the depreciation expense for the 2019
 Okeechobee LSA. Those rates are appropriate because PEEC is FPL's
 newest, most comparable combined cycle plant; hence it is most
 representative of the design and operating characteristics for the new
 Okeechobee Unit.
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III. CAPITAL RECOVERY SCHEDULES

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Q. Please describe the Company adjustment associated with the capital recovery schedules for assets retired but not fully depreciated.

15 A. As shown on Exhibit KF-3 and pursuant to Rule 25-6.0436, F.A.C., FPL has 16 reflected its proposed capital recovery schedules, all of which would be 17 recovered over a four year period. The first is to recognize the \$109 million 18 remaining unrecovered investment for the Putnam combined cycle generating 19 plant and related transmission assets retired in December 2014. Second, FPL 20 is requesting recovery of the unrecovered gas turbine investments of \$41 21 million. The gas turbines will be retired by the end of 2016 and replaced by 22 combustion turbines as described in the testimony of FPL witness Kennedy. 23 Third, FPL is requesting the recovery of \$16 million of unrecovered

1		investment for the Turkey Point steam generating plant that is expected to be
2		retired in October 2016, as a result of converting Turkey Point Unit 1 into a
3		synchronous condenser.
4	Q.	Are the capital recovery schedules delineated between base rates and
5		clause recovery?
6	A.	Yes. Exhibit KF-3 illustrates the capital recovery schedule totals by year and
7		by recovery mechanism. The proposed recovery amounts for clause assets are
8		not included in this base rate request and instead will be reflected in FPL's
9		2017 clause projection filing in August 2016.
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11		IV. 2016 DISMANTLEMENT STUDY
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12 13	Q.	Please provide an overview of the approach FPL utilized for the
	Q.	Please provide an overview of the approach FPL utilized for the preparation of its 2016 Dismantlement Study.
13	Q. A.	
13 14		preparation of its 2016 Dismantlement Study.
13 14 15		preparation of its 2016 Dismantlement Study. FPL engaged BMcD, a global engineering consulting firm that specializes in
13 14 15 16		preparation of its 2016 Dismantlement Study.FPL engaged BMcD, a global engineering consulting firm that specializes in preparing dismantlement studies for electric utilities, to perform the 2016
13 14 15 16 17		 preparation of its 2016 Dismantlement Study. FPL engaged BMcD, a global engineering consulting firm that specializes in preparing dismantlement studies for electric utilities, to perform the 2016 Dismantlement Study. BMcD has performed dismantlement studies in
13 14 15 16 17 18		 preparation of its 2016 Dismantlement Study. FPL engaged BMcD, a global engineering consulting firm that specializes in preparing dismantlement studies for electric utilities, to perform the 2016 Dismantlement Study. BMcD has performed dismantlement studies in numerous jurisdictions, including the most recent studies filed with this
 13 14 15 16 17 18 19 		 preparation of its 2016 Dismantlement Study. FPL engaged BMcD, a global engineering consulting firm that specializes in preparing dismantlement studies for electric utilities, to perform the 2016 Dismantlement Study. BMcD has performed dismantlement studies in numerous jurisdictions, including the most recent studies filed with this Commission for Duke Energy Florida and Tampa Electric Company. BMcD
 13 14 15 16 17 18 19 20 		 preparation of its 2016 Dismantlement Study. FPL engaged BMcD, a global engineering consulting firm that specializes in preparing dismantlement studies for electric utilities, to perform the 2016 Dismantlement Study. BMcD has performed dismantlement studies in numerous jurisdictions, including the most recent studies filed with this Commission for Duke Energy Florida and Tampa Electric Company. BMcD conducted a detailed bottom-up review of the fossil and solar units in FPL's

1 Since the 2009 dismantlement study, the Company has retired and dismantled 2 several generating units and modernized its plants at Cape Canaveral, Riviera 3 Beach and Port Everglades. FPL felt it important to revisit our many-decades-4 old baseline study assumptions by bringing in experts who could study each 5 plant and construct more specific estimates of current costs to dismantle. The 6 result of this refreshed engineering analysis was used for calculating an 7 annuity-based dismantlement accrual. The 2016 Dismantlement Study is 8 included in Exhibit KF-4.

9 Q. Please describe the process by which the 2016 Dismantlement Study was 10 prepared.

11 A. BMcD visited each of FPL's existing fossil and solar generating facilities 12 during May 2015. BMcD also engaged Brandenburg, a demolition sub-13 contractor, to assist them during each site visit and provide information on the 14 demolition activities. The site visits included a tour of the facility with plant 15 personnel to review the equipment installed. BMcD obtained and reviewed 16 plant specific engineering drawings. Based on this information and their 17 professional experience, BMcD developed labor and materials and equipment 18 costs for each major dismantlement activity. BMcD estimated the salvage 19 value of the materials that would be left at each site after completion of the 20 The resulting dismantlement cost estimates dismantlement activities. 21 developed by BMcD represent "the costs for the ultimate physical removal 22 and disposal of plant and site restoration, minus any attendant gross salvage

1		amount, upon final retirement of the site or unit from service" in accordance
2		with Rule 25-6.04364, Electric Utilities Dismantlement Studies, F.A.C.
3		
4		In addition to the existing sites, BMcD also developed estimates for FPL's
5		new facilities that will commence commercial operations during 2016 through
6		2019. This is consistent with the approach that FPL employed in its 2009
7		dismantlement study.
8	Q.	Please describe the additions, retirements and dismantlement activities of
9		FPL's facilities since the last dismantlement study was filed.
10	A.	There have been several significant activities since the last study:
11		• Three new plants have been, or will be, added to FPL's fossil fleet by
12		the end of 2016: Cape Canaveral, Riviera Beach and Port Everglades,
13		all of which are modernization projects;
14		• FPL has retired and dismantled three facilities (Cutler, Putnam, and
15		Sanford Unit 3) and has partially dismantled, or will partially
16		dismantle, two others (Turkey Point Units 1 & 2) to convert to
17		synchronous condensers;
18		• FPL is adding seven new, more efficient combustion turbines: five at
19		the Lauderdale site and two at the Ft. Myers site, scheduled for
20		commercial operation in 2016 to replace 44 retired gas turbines at
21		Lauderdale, Ft. Myers and Port Everglades;
22		• FPL acquired Cedar Bay in September 2015, plans to retire this plant
23		at the end of 2016, and expects to begin dismantling the plant in early

1	2017. This plant was not included in the study prepared by BMcD as
2	the Company had recently estimated the dismantlement cost in Docket
3	No. 150075-EI and FPL has reflected this estimate in the 2016
4	Dismantlement Study;

- FPL is constructing three planned solar additions (Babcock Ranch
 Solar Energy Center, Citrus Solar Energy Center and Manatee Solar
 Energy Center) scheduled for commercial operation in 2016; and
- Finally, FPL's Okeechobee Unit is projected to begin commercial
 operations in mid-2019.

10 Q. Please describe the results of the 2016 Dismantlement Study.

11 The 2016 Dismantlement Study calculates a current total cost of A. 12 dismantlement of \$477 million, with a resulting accrual of \$27.6 million, of 13 which \$26.8 million relates to base rate assets. This is an increase of 14 approximately \$9.1 million (\$8.8 million for the base rate portion), over the 15 current accrual included in FPL's 2017 Test Year and 2018 Subsequent Year. 16 The increase is primarily due to a \$5.2 million increase related to plants that 17 have been newly constructed, purchased or repowered since the 2009 18 dismantlement study was prepared, with the remainder resulting from 19 dismantlement reserve amortization authorized under FPL's 2012 Rate 20 Settlement (approved by the Commission in Order No. PSC-13-0023-S-EI, 21 Docket No. 120015-EI) and other cost changes partially offset by unit 22 retirements.

- 1Q.Has FPL taken steps to reduce the impact of utilizing the dismantlement2reserve amortization authorized in the 2012 Rate Settlement?
- 3 A. Yes. In order to reduce the incremental base rate impact of amortizing the
 \$146 million of dismantlement reserve enabled by the 2012 Rate Settlement,
 5 FPL optimized assignment of reserve amortization across the plant portfolio.

6 Q. Please explain how FPL optimized the dismantlement reserve 7 amortization.

- 8 A. The dismantlement study is fundamentally an aggregation of the forecasted 9 cost of dismantling FPL's fossil and solar units. The resulting accrual is a 10 function of the present value of estimated future cost to dismantle each of 11 those units as compared to its forecasted reserve as of December 31, 2016. At 12 any point in time, the reserve position of any particular unit will vary. Some 13 units will have excess reserves and others will be in a deficit position.
- 14

FPL first allocated its forecasted dismantlement reserve amortization to the units with excess reserve balances as identified in the current study and, in doing so, brought the reserve to its appropriate level. This included units that have been retired and dismantled since the 2009 dismantlement study. Next, FPL allocated the remaining dismantlement reserve amortization to the units with the longest remaining lives. In doing so, FPL minimized the calculated incremental dismantlement accrual.

Q. What is the FPSC practice with regard to updating escalation rates embedded in dismantlement studies?

A. The May 2015 Global Insight escalation rates were used in developing the
2016 Dismantlement Study. In prior studies, the Commission practice has
been to require the rates be updated to incorporate the most current available
escalation rates available prior to the issuance of the final order. Consistent
with this practice, FPL is prepared to update the escalation rates before
hearing to reflect the most current Global Insight forecast then available and
recalculate the proposed dismantlement accrual based on those updated rates.

10Q.Is FPL proposing a Company adjustment to reflect the impact of the11accruals from the 2016 Dismantlement Study on its 2017 Test Year and122018 Subsequent Year?

13 A. Yes. As with depreciation, FPL utilized the current FPSC approved 14 dismantlement accruals from its 2009 dismantlement study to prepare its 2017 15 Test Year and 2018 Subsequent Year forecasts and is proposing a Company 16 adjustment to reflect the updated accrual contained in the 2016 Dismantlement 17 Study. Similar to the depreciation study results, the Company adjustment for 18 the change in dismantlement accrual must be bifurcated between base and 19 clause recovery because our existing solar plants, Martin, DeSoto and Space 20 Coast, are recovered through FPL's ECRC. Exhibit KF-5 provides an 21 overview of the split between base and clause recovery for the Company 22 adjustment.

23

1 V. END OF LIFE ACCRUALS FOR NUCLEAR FUEL LAST CORE AND 2 MATERIALS AND SUPPLIES Q. Does the nuclear decommissioning study that FPL filed in Docket No.

5 150265-EI propose revisions to the end of life accruals for FPL's nuclear 6 plants?

7 A. Yes.

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8 0. Please describe those revised accruals.

9 A. In accordance with Rule 25-6.04365, Nuclear Decommissioning, F.A.C., FPL 10 filed its nuclear decommissioning study on December 14, 2015. Using the 11 same end of life assumptions utilized in that study, the nuclear 12 decommissioning study also updated FPL's estimates related to EOL M&S 13 and nuclear fuel last core accruals. The revised annual accruals represent an 14 increase of \$564,960 for the EOL M&S and a decrease of \$680,787 for the 15 nuclear fuel last core as a result of changes in the projected inventory balances 16 at the time of decommissioning.

- 17 **Q**. Is FPL proposing a Company adjustment to reflect these revised annual 18 accruals?
- 19 A. Yes. These two accrual changes are included as Company adjustments for the 20 2017 Test Year and 2018 Subsequent Year, as shown in Exhibit KF-6.
- 21 0. Does this conclude your direct testimony?
- 22 Α. Yes.

Florida Power and Light Company MFRs CO-SPONSORED BY KEITH FERGUSON

CO-SPONSOR:	Test Subsequent Year Adjustment	RATE BASE ADJUSTMENTS
C-2	Test Subsequent Year Adjustment	NET OPERATING INCOME ADJUSTMENTS
C-3	Test Subsequent Year Adjustment	JURISDICTIONAL NET OPERATING INCOME ADJUSTMENTS

Docket No. 160021-EI Proposed Depreciation Company Adjustments by Year for Base vs. Clause for 2017 and 2018 Exhibit KF-2, Page 1 of 3

FLORIDA POWER & LIGHT COMPANY DEPRECIATION RECONCILIATION FROM FPL'S 2017 FORECAST TO PROPOSED DEPRECIATION EXPENSE (\$000)

Line No.	Function	2017 Forecast (1)	1	2017 Depreciation Expense Related to Clauses (2)	Subtotal (1) + (2) = (3)	Us	2017 Calculated Expense sing Proposed Rates (4)	2017 Calculated Expense sing Proposed tates Related to Clauses (5)	2017 Base Expense (4) + (5) = (6)	2017 Company Adjustment (6) - (3) = (7)
1	STEAM	\$ 79,410	\$	(22,971)	\$ 56,439	\$	122,085	\$ (38,073)	\$ 84,012	\$ 27,574
23	NUCLEAR	159,482		(2,984)	156,498		321,991	(6,401)	315,590	159,092
4	OTHER PRODUCTION	453,064		(21,428)	431,636		505,062	(21,640)	483,423	51,786
6 7	TRANSMISSION	143,028		(235)	142,793		135,136	(239)	134,896	(7,896)
8 9	DISTRIBUTION	510,866		(3,559)	507,308		486,003	(571)	485,432	(21,875)
10 11	GENERAL	 36,257		(717)	 35,540		33,132	(250)	 32,883	 (2,657)
12 13	TOTAL	\$ 1,382,107	\$	(51,894)	\$ 1,330,213	\$	1,603,410	\$ (67,174)	\$ 1,536,236	\$ 206,023
14 15		(A)		(A)			(B)			(C)

Notes:

(A) Excludes amounts related to asset retirement obligations, acquisition adjustment, dismantlement, and amortizable property, which are included in the total amount (P) Excludes anounts related to assert enternent obligations, acquisition adjustment, distinguisement, and anotherable p forecasted for depreciation expense on MFR C-4.
 (B) Calculated amounts are based on FPL's proposed depreciation rates included in its 2016 depreciation study.
 (C) After-tax amount of \$126,550 is reflected as a Per Book Company adjustment on MFR C-3 for the 2017 Test Year.

Docket No. 160021-EI Proposed Depreciation Company Adjustments by Year for Base vs. Clause for 2017 and 2018 Exhibit KF-2, Page 2 of 3

FLORIDA POWER & LIGHT COMPANY DEPRECIATION RECONCILIATION FROM FPL'S 2018 FORECAST TO PROPOSED DEPRECIATION EXPENSE (\$000)

Line No.	Function	2018 Forecast (1)	[2018 Depreciation Expense Related to Clauses (2)	Subtotal (1) + (2) = (3)	U	2018 Calculated Expense sing Proposed Rates (4)	2018 Calculated Expense sing Proposed Rates Related to Clauses (5)	2018 Base Expense 4) + (5) = (6)	2018 Company Adjustment (6) - (3) = (7)
1	STEAM	\$ 80,593	\$	(23,247)	\$ 57,345	\$	123,846	\$ (38,441)	\$ 85,405	\$ 28,060
2	NUCLEAR	160,939		(3,403)	157,537		324,490	(7,360)	317,130	159,593
4 5 6	OTHER PRODUCTION	472,410		(21,430)	450,980		524,543	(21,639)	502,904	51,924
7	TRANSMISSION	154,627		(238)	154,389		144,757	(241)	144,516	(9,874)
9 10	DISTRIBUTION	559,878		(5,677)	554,201		536,754	(819)	535,935	(18,265)
11 12	GENERAL	38,938		(719)	38,219		35,896	 (250)	35,646	 (2,572)
13	TOTAL	\$ 1,467,385	\$	(54,714)	\$ 1,412,671	\$	1,690,286	\$ (68,750)	\$ 1,621,536	\$ 208,865
14 15		(A)		(A)			(B)			(C)

Notes: (A) Excludes amounts related to asset retirement obligations, acquisition adjustment, dismantlement, and amortizable property, which are included in the total amount (R) Excluses anounts related to assert enternent origitations, acquisition adjustment, distinationent, and anothzable property forecasted for depreciation expense on MFR C-4.
 (B) Calculated amounts are based on FPL's proposed depreciation rates included in its 2016 depreciation study.
 (C) After-tax amount of \$128,296 is reflected as a Per Book Company adjustment on MFR C-3 for the 2018 Subsequent Year

FLORIDA POWER & LIGHT COMPANY CHANGE IN FORECASTED ACCUMULATED DEPRECIATION RESULTING FROM FPL'S PROPOSED CHANGE IN BASE DEPRECIATION EXPENSE (\$000)

e Function	Ending Balance 12/31/2016	Ending Balance 1/31/2017	Ending Balance 2/28/2017	Ending Balance 3/31/2017	Ending Balance 4/30/2017	Ending Balance 5/31/2017	Ending Balance 6/30/2017	Ending Balance 7/31/2017	Ending Balance 8/31/2017	Ending Balance 9/30/2017	Ending Balance 10/31/2017	Ending Balance 11/30/2017	Ending Balance 12/31/2017	13-Month Average 2017
STEAM	\$-	\$ (2,284)	\$ (4,568)	\$ (6,854)	\$ (9,143)	\$ (11,435)	\$ (13,731)	\$ (16,032)	\$ (18,335)	\$ (20,642)	\$ (22,951)	\$ (25,262)	\$ (27,574)	\$ (13,755
NUCLEAR	-	(13,244)	(26,488)	(39, 7 31)	(52,978)	(66,231)	(79,488)	(92,748)	(106,009)	(119,270)	(132,537)	(145,810)	(159,092)	(79,510
OTHER PRODUCTION	-	(4,275)	(8,531)	(12,803)	(17,092)	(21,414)	(25,773)	(30,131)	(34,477)	(38,811)	(43,136)	(4 7 ,451)	(51,786)	(25,822
TRANSMISSION	-	612	1,234	1,864	2,502	3,148	3,802	4,464	5,132	5,808	6,490	7,179	7,896	3,856
DISTRIBUTION	-	1,951	3,882	5,790	7 ,675	9,535	11,372	13,186	14,975	16,738	18,475	20,187	21,875	11,203
GENERAL	-	225	449	673	896	1,118	1,339	1,560	1,781	2,000	2,220	2,439	2,657	1,335
TOTAL	<u>\$ -</u>	\$ (17,015)	\$ (34,022)	\$ (51,062)	\$ (68,141)	\$ (85,279)	\$ (102,477)	\$ (119,700)	\$ (136,933)	\$ (154,177)	\$ (171,439)	\$ (188,717)	\$ (206,023)	\$ (102,69 1 (A)
	Ending Balance 12/31/2017	Ending Balance 1/31/2018	Ending Balance 2/28/2018	Ending Balance 3/31/2018	Ending Balance 4/30/2018	Ending Balance 5/31/2018	Ending Balance 6/30/2018	Ending Balance 7/31/2018	Ending Balance 8/31/2018	Ending Balance 9/30/2018	Ending Balance 10/31/2018	Ending Balance 11/30/2018	Ending Balance 12/31/2018	13-Month Average 2018
STEAM	\$ (27,574)	\$ (29,886)	\$ (32,200)	\$ (34,515)	\$ (36,835)	\$ (39,163)	\$ (41,499)	\$ (43,843)	\$ (46,193)	\$ (48,548)	\$ (50,908)	\$ (53,269)	\$ (55,633)	\$ (41,544
NUCLEAR	(159,092)	(172,384)	(185,678)	(198,9 7 4)	(212,272)	(225,573)	(238,874)	(252,175)	(265,476)	(278,777)	(292,080)	(305,382)	(318,686)	(238,879
OTHER PRODUCTION	(51, 7 86)	(56,135)	(60,486)	(64,832)	(69,159)	(73,487)	(77,809)	(82,125)	(86,439)	(90,757)	(95,083)	(99,399)	(103,710)	(77,785
OTHER PRODUCTION	(51,786) 7,896	(56,135) 8,641	(60,486) 9,392	(64,832) 10,151	(69,159) 10,91 7	(73,487) 11, 7 16	(77,809) 12,555	(82,125) 13,40 7	(86,439) 14,265	(90,757) 15,130	(95,083) 16,001	(99,399) 16,878	(103,710) 17,770	, ,
		,	(-, ,						,	,	,		(. ,	12,671
TRANSMISSION	7,896	8,641	9,392	10,151	10,917	11,716	12,555	13,40 7	14,265	15,130	16,001	16,878	17,770	(77,785 12,671 31,301 <u>3,952</u>

36 37

38 <u>Notes:</u>

39 (A) Reflected on MFR B-2 for the 2017 Test Year as the Per Book depreciation study Company adjustment.

40 (B) Reflected on MFR B-2 for the 2018 Subsequent Year as the Per Book depreciation study Company adjustment.

Docket No. 160021-EI Proposed Depreciation Company Adjustments by Year for Base vs. Clause for 2017 and 2018 Exhibit KF-2, Page 3 of 3

Docket No. 160021-EI Summary of Capital Recovery Schedules for 2017 and 2018 – Base Rates vs. Clause Recoverable Exhibit KF-3, Page 1 of 3

Florida Power & Light Company CAPITAL RECOVERY SCHEDULES

		(1)	(2)	(3)	(4)	(5)	(6)
		Original	Book	Estimated Cost	Total Unrecovered	Amortization	Annual Accre
No. CAP	PITAL RECOVERY ACCOUNTS - BASE	Cost	Reserve	+ of Removal :	= <u>Cost</u>	+ Period	Annual Acch
	am Plant Retirements <u>Turkey Point Unit 1</u>						
	311 Structures & Improvements	\$ 2,475,630	\$ 2,155,678	\$-	\$ 319,952	4	\$ 79,
	312 Boiler Plant Equipment	70,008,412	64,459,160	-	5,549,253	4	1,387,
	314 Turbogenerator Units	22,760,745	13,542,024	-	9,218,722	4	2,304,
	315 Accessory Electric Equipment	983,680	781,903	-	201,777	4	50,
	316 Miscellaneous Equipment	906,996	720,336	-	186,660	4	46,
	316.7 Misc Power Plt Equipt - 7Yr	32,678	6,292		26,386	4	6,
	Turkey Point Unit 1 Total	97,168,142	81,665,393	-	15,502,749		3,875,
Oth	er Production Plant Retirements						
	Putnam Common	16 180 400	8 000 708		0.000.007		2 020
	341 Structures and Improvements 342 Fuel Holders, Producers and Accessories	16,180,406 7,173,901	8,099,708	-	8,080,697	4	2,020
	343 Prime Movers	33,688,537	7,859,082 12,623,975	•	(685,181)	4	(171,
	344 Generators	399,030		-	21,064,562	4	5,266
	345 Accessory Electric Equipment		175,938	-	223,093	4	55,
	346 Misc. Power Plant Equipment	1,618,041	1,107,011	-	511,030	4	127
	346.5 Misc Power Plat Equipt - 5Yr	1,504,259 35,792	1,026,371 9,954	-	477,888	4	119
	346.7 Misc Power Pit Equipt - 7Yr	902,025		-	25,837	4	6
	Putnam Common Total	61,501,991	902,025 31,804,065	<u> </u>	29,697,926	4	7,424
		01,001,001	51,004,005		25,057,520		7,424
	Putnam Unit 1	24.624	24.036			_	
	341 Structures and Improvements	34,624	34,236	-	388	4	_
	342 Fuel Holders, Producers and Accessories	150,351	(39,433)	-	189,784	4	47
	343 Prime Movers 344 Generators	68,027,191	39,061,932	-	28,965,258	4	7,241
		9,133,658	5,077,480	-	4,056,178	4	1,014
	345 Accessory Electric Equipment 346 Misc. Power Plant Equipment	7,553,334	5,075,677	•	2,477,657	4	619
		366,309	355,221		11,088	4	2
	Putnam Unit 1 Total	85,265,466	49,565,114	-	35,700,353		8,925
	Putnam Unit 2						
	341 Structures and Improvements	34,624	34,225	-	399	4	
	342 Fuel Holders, Producers and Accessories	150,649	(39,599)	-	190,248	4	47
	343 Prime Movers	62,284,845	35,834,652	-	26,450,193	4	6,612
	344 Generators	8,048,042	1,609,209	-	6,438,833	4	1,609
	345 Accessory Electric Equipment	8,399,062	5,725,5 9 6	-	2,673,466	4	668
	346 Misc. Power Plant Equipment	352,197	341,389	-	10,808	4	2
	Putnam Unit 2 Total	79,269,418	43,505,472		35,763,946		8,940
	Total for Putnam Units 1-2	226,036,875	124,874,650		101,162,225		25,290
	Fort Lauderdale Gas Turbines						
i i	341 Structures and Improvements	6,535,210	4,894,183	-	1,641,028	4	410
	342 Fuel Holders, Producers and Accessories	1,132,507	1,369,6 01	-	(237,093)	4	(59
	343 Prime Movers	42,178,099	33,634,104	-	8,543,995	4	2,135
	344 Generators	19,229,490	16,591,936	-	2,637,554	4	659
	345 Accessory Electric Equipment	4,621,179	3,999,971	-	621,207	4	155
	346 Misc. Power Plant Equipment	230,281	211,501	-	18,780	4	4
	346.7 Misc Power Pit Equipt - 7Yr	35,539	31,097		4,442	4	1
	Fort Lauderdale Gas Turbines Total	73,962,305	60,732,393	-	13,229,913		3,307
	Fort Myers Gas Turbines						
	341 Structures and Improvements	3,357,736	2,520,779		836,957	4	209
	342 Fuel Holders, Producers and Accessories	2,074,206	2,031,868	-	42,338	4	10
	343 Prime Movers	45,233,732	32,570,851	-	12,662,880	4	3,165
	344 Generators	18,637,264	16,761,051	-	1,876,213	4	469
	345 Accessory Electric Equipment	13,211,453	11,089,415	-	2,122,038	4	530
	346 Misc. Power Plant Equipment	76,675	68,533	-	8,141	4	2
	Fort Myers Gas Turbines Total	82,591,064	65,042,497	-	17,548,567		4,387
	Port Everglades Gas Turbines						
	341 Structures and Improvements	3,727,340	3,371,995		355,345	4	
	342 Fuel Holders, Producers and Accessories			-		4	88
	343 Prime Movers	5,783,071 23,643,3 7 2	8,118,999	-	(2,335,929)	4	(583
	344 Generators	10,967,503	18,366,326 10,153,577	-	5,277,046 813,926	4	1,319
	345 Accessory Electric Equipment	3,411,448	2,971,642	•	439,806	4	203
	346 Misc. Power Plant Equipment	227,176	105,240		121,936		109
	346.3 Misc Power Pit Equipt - 3Yr	131,111	105,240 17 1 ,246	-		4	30
	346.7 Misc Power Plt Equipt - 7Yr			-	(40,136)		(10
	Port Everglades Gas Turbines Total	512,705	73,337 43,332,363		439,369	4	109
	Total for Gas Turbines		<u>43,332,363</u> 169,107,253		<u> </u>		1,267 8,962
	nsmission Plant Retirements						
	<u>Putnam Transmission</u> 353 Station Equipment	1,369,379	202 625		005 044	<i>,</i>	
	353 Station Equipment - Step-Up Transformers		382,535	-	986,844	4	246
	353.1 Station Equipment - Step-up Transformers 355 Poles and Fixtures	5,004,249	73,200	-	4,931,048	4	1,232
		3,419	3,424	-	(5)	4	
	356 Overhead Conductors and Devices	45,190	43,212 502,372		1,978	4	
				-	5,919,865		1,479
	Putnam Transmission Total	6,422,237	502,572		2,513,005		
	AL CAPITAL RECOVERY ACCOUNTS - BASE	534,584,351	376,149,668		158,434,683		39,608,

Docket No. 160021-EI Summary of Capital Recovery Schedules for 2017 and 2018 – Base Rates vs. Clause Recoverable Exhibit KF-3, Page 2 of 3

Florida Power & Light Company CAPITAL RECOVERY SCHEDULES

		(1)	(2)	(3)	(4)	(5)	(6)
Line No.		Original Cost -	Book Reserve	Estimated Cost + of Removal	Total Unrecovered = Cost ·	Amortization ÷ Period	Annual Accrual
1	CAPITAL RECOVERY ACCOUNTS - CLAUSE		nesel ¥8			r renou	≖ <u>Amounts</u>
2 3	Steam Plant Retirements						
4	Turkey Point Unit 1						
5	ECRC - Project 2 - LOW NOX BURNER TECHNOLOGY						
6 7	312 Boiler Plant Equipment	2,563,376 2,563,376	2,184,878 2,184,878	<u> </u>	378,498	4	94,624
8	ECRC - Project 3 - CONTINUOUS EMISSION MONITORING	2,00,070	2,104,878		\$78,458		94,024
9	311 Structures & Improvements	59,056	41,278		17,778	4	4,444
10 11	312 Boiler Plant Equipment	411,146	217,792		193,354	4	48,338
12	ECRC - Project 5 - MAINTENANCE OF ABOVE GROUND FUEL TANKS	470,202	259,070	-	211,132		52,783
13	311 Structures & Improvements	87,560	45,353		42,207	4	10,552
14		87,560	45,353	•	42,207		10,552
15 16	ECRC - Project 8 - OIL SPILL CLEANUP/RESPONSE EQUIPMENT 311 Structures & Improvements	5,895	(4,469)	_	10,364	4	2,591
17		5,895	(4,469)		10,364	•	2,591
18	ECRC - Project 23 - SPILL PREVENTION CLEAN-UP & COUNTERMEASURES						
19 20	311 Structures & Improvements	92,013	<u> </u>		76,778	4	19,194
21	Turkey Point Unit 1 Total	3,219,047	2,500,068		718,978		19,194 179,745
22							
23	Other Production Plant Retirements						
24 25	<u>Putnam Common</u> ECRC - Project 3 - CONTINUOU5 EMISSION MONITORING						
26	341 Structures and Improvements	82,858	61,197	-	21,660	4	5,415
27	343 Prime Movers	3,139	2,340	-	799	4	200
28		85,997	63,538	-	22,459		5,615
29 30	ECRC - Project 5 - MAINTENANCE OF ABOVE GROUND FUEL TANKS 342 Fuel Holders, Producers and Accessories	749,026	376,908	-	372,118	4	93,030
31		749,026	376,908		372,118	4	93,030
32	ECRC - Project 8 - OIL SPILL CLEANUP/RESPONSE EQUIPMENT						
33	346.5 Misc Power Plt Equipt - 5Yr		220		(220)	4	(55)
34 35	ECRC - Project 23 - SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	-	220	-	(220)		(55)
36	341 Structures and Improvements	148,511	47,868	-	100,643	4	25,161
37	342 Fuel Holders, Producers and Accessories	1,730,935	602,895		1,128,040	4	282,010
38	345 Accessory Electric Equipment	60,747	15,707	-	45,040	4	11,260
39 40	Putnam Common Total	<u> </u>	<u>666,470</u> 1,107,135	<u> </u>	<u>1,273,723</u> 1,668,080		318,431 417,020
41		2,773,210	1,107,133		1,008,080		417,020
42	Putnam Unit 1						
43	ECRC - Project 3 - CONTINUOU5 EMI55ION MONITORING 343 Prime Movers	200.000					
44 45	Putnam Unit 1 Tatal	<u> </u>	211,413 211,413	<u> </u>	140,574 140,574	4	35,144 35,144
46		331,500			140,574		55,144
47	Putnom Unit 2						
48 49	ECRC - Project 3 - CONTINUOUS EMISSION MONITORING 343 Prime Movers	385,713	258 657		122.056		24.764
50	Putnam Unit 2 Total	385,713	258,657		<u> </u>	4	<u>31,764</u> 31,764
51	Total for Putnam Units 1-2	3,512,916	1,577,206		1,935,710		483,928
52							
53 54	<u>Fort Lauderdale Gas Turbines</u> ECRC - Project 3 - CONTINUOUS EMISSION MONITORING						
55	343 Prime Movers	9,373	476	-	8,897	4	2,224
56		9,373	476	•	8,897		2,224
S7	ECRC - Project 5 - MAINTENANCE OF ABOVE GROUND FUEL TANK5						
58 59	342 Fuel Holders, Producers and Accessories	535,599	217,059	<u> </u>	318,540	4	79,635
60	ECRC - Project 23 - SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	535,599	217,059	-	318,540		79,635
61	341 Structures and Improvements	85,000	24,034	-	60,966	4	15,241
62	342 Fuel Holders, Producers and Accessories	470,479	172,373	<u> </u>	298,107	4	74,527
63		555,479	196,406	-	359,072		89,768
64 65	ECRC - Project 31 - CLEAN AIR INTERSTATE RULE-CAIR 343 Prime Movers	101,055	23,216		77,839	4	19,460
66		101,055	23,216		77,839	4	19,460
67	Fort Lauderdale Gas Turbines Total	1,201,506	437,158	<u> </u>	764,348		191,087
68 C0	Fact Marrie Case Trucking						
69 70	<u>Fort Myers Gos Turbines</u> ECRC - Project 5 - MAINTENANCE OF ABOVE GROUND FUEL TANK5						
71	342 Fuel Holders, Producers and Accessories	120,131	49,802		70,329	4	17,5 8 2
72		120,131	49,802	-	70,329		17,582
73	ECRC - Project 23 - SPILL PREVENTION CLEAN-UP & COUNTERMEASURES						
74 75	341 Structures and Improvements 342 Fuel Holders, Producers and Accessories	88,843 566,985	21,544 224,706	-	67,299 342,279	4	16,825
76	342 Fuel Holders, Producers and Accessories 345 Accessory Electric Equipment	11,187	3,099	-	342,279 8,088	4	85,570 2,022
77		667,015	249,350	-	417,666	•	104,416
78	ECRC - Project 31 - CLEAN AIR INTERSTATE RULE-CAIR						
79 80	343 Prime Movers	52,070	13,777		38,292	4	9,573
81	Fort Myers Gas Turbines Total	<u> </u>	<u>13,777</u> 312,928	-	<u> </u>		<u>9,573</u> 131,572
~-		012,660	512,720	-	320,200		131,3/2

Docket No. 160021-EI Summary of Capital Recovery Schedules for 2017 and 2018 – Base Rates vs. Clause Recoverable Exhibit KF-3, Page 3 of 3

Florida Power & Light Company CAPITAL RECOVERY SCHEDULES

(1) (2) (3) (4) (5) (6) Estimated Original Book Cost Total Unrecovered Amortization Annual Accrual Line No Cost Reserve of Removal Cost Period Amounts CAPITAL RECOVERY ACCOUNTS - CLAUSE (continued) 1 2 з Port Everalades Gas Turbines ECRC - Project 5 - MAINTENANCE OF ABOVE GROUND FUEL TANKS 4 5 342 Fuel Holders, Producers and Accessories 27,074 27,074 2,538,015 2,510,941 627,735 4 6 2,538,015 2,510,941 627,735 ECRC - Project 23 - SPILL PREVENTION CLEAN-UP & COUNTERMEASURES 7 8 341 Structures and Improvements 416,241 93,845 322,396 4 80,599 9 10 11 12 13 14 15 16 17 18 342 Fuel Holders, Producers and Accessories 1,682,257 657,276 1,024,981 4 256,245 345 Accessory Electric Equipment 7,134 2,105,632 1,083 752,203 6,052 1,353,429 1,513 338,357 4 ECRC - Project 31 - CLEAN AIR INTERSTATE RULE-CAIR 343 Prime Movers 98,885 28,354 70,531 4 17,633 98,885 28,354 70,531 **3,934,901** 17,633 98**3,725** Port Everglades Gas Turbines Total 4,742,532 807,631 Total for Gas Turbines 1,557,717 6,783,254 5,225,537 1,306,384 CAPITAL RECOVERY ACCOUNTS - CLAUSE 13,515,217 5,634,991 7,880,225 1,970,056 4 19 CAPITAL RECOVERY ACCOUNTS - BASE 534,584,351 376,149,668 158,434,683 4 39,608,671 20 CAPITAL RECOVERY ACCOUNTS - TOTAL 548,099,567 \$ 381,784,659 166,314,909 4 \$ 41,578,727

Docket No. 160021-EI 2016 Dismantlement Study Exhibit KF-4, Page 1 of 127

Florida Power & Light Company

2016 Dismantlement Study

Babcock Ranch Solar Cape Canaveral Cedar Bay Citrus Solar DeSoto Solar Ft. Myers Lauderdale Manatee Manatee Solar Martin Martin Solar Okeechobee Port Everglades Riviera Beach Sanford Scherer Space Coast Solar St. Johns River Turkey Point West County

Note: Filed on March 15, 2016 in a separate docket and not duplicated here due to volume.

FLORIDA POWER & LIGHT COMPANY 2017 AND 2018 DISMANTLEMENT ACCRUAL COMPANY ADJUSTMENT

.ine No.	Plant Site	Order No	Per Docket No. 090130-El Order No. PSC-10-0153-FOF-El Annual Accrual		Proposed Annual Accrual Effective 1/1/2017	Increase/ (Decrease) in Annual Dismantlement Accrual		
1 2	Babcock Ranch Solar ¹	\$	0	\$	335,077	\$	335,077	
3	Cape Canaveral ²		252,203		824,770		572,567	
 5 6	Cedar Bay ¹		0		1,130,063		1,130,063	
7 8	Citrus Solar ¹		0		335,077		335,077	
9 10	Cutler ²		333,801		0		(333,801)	
10 11 12	Desoto 5olar		72,712		127,737		55,025	
13 14	Fort Myers		1,317,305		1,448,408		131,103	
15 16	Lauderdale		1,251,191		2,245,516		994,325	
17 18	Manatee		2,559,415		3,116,518		557,104	
19 20	Manatee Solar ¹		0		335,077		335,077	
21 22	Martin		2,533,098		3,577,086		1,043,989	
23 24	Martin Solar		346,160		586,954		240,794	
25 26	Okeechobee ¹		0		560,859		560,859	
27 28	Port Everglades ²		2,802,360		2,600,158		(202,202)	
29 30	Putnam ²		405,297		0		(405,297)	
31 32	Riviera ²		89,182		692,886		603,704	
33 34	Sanford ²		1,493,396		1,108,930		(384,466)	
35 36	Scherer		1,634,157		2,280,024		645,868	
37 38	Space Coast Solar		34,944		45,582		10,637	
39 40	5t. Johns River		869,586		939,516		69,930	
41 42	St. Lucie Wind ³		30,038		0		(30,038)	
43 44	Turkey Point ²		1,111,193		3,182,823		2,071,630	
45 46	West County		1,332,348		2,123,984		791,636	
47 48	Total	\$	18,468,387	\$	27,597,046	\$	9,128,659	
49 50 51	[A] Total increase in dismar Less accrual for solar units			red th	rough clause	\$	9,128,659 306,456	
52	Increase in base rate disma	ntlement accrua	I			\$	8,822,204	

Notes:

¹ Added since 2009 Dismantlement Study

² Plant was partially dismantled or fully dismantled since 2009 Dismantlement Study as a result of a repowering, final retirement of a unit or conversion to synchronous condenser (Turkey Point) ³ Plant was not constructed

⁴ After-tax amount of \$5,419,038 is reflected as a Per Book Company Adjustment on MFR C-3 for both the 2017 Test Year and 2018 Subsequent Year.

FLORIDA POWER & LIGHT COMPANY NUCLEAR END OF LIFE MATERIALS & SUPPLIES INVENTORY

Line <u>Number</u>				St. Lucie <u>Unit 2</u>		Turkey Point <u>Unit 4</u>		
1 2	Adjusted Ending Inve Estimated Salvage	ntory Value @ End of License	\$	27,154,326 (259,706)	\$3	6,786,556 (351,829)		
3	Inventory Subject to	Write-off	\$	26,894,620	\$36,434,727			
4								
5	FPL's Ownership Sh	are Net of Participants ¹	\$	24,891,575	\$36,434,727			
6								
7	Actual Reserve Balar	ce Accrued as of 12/31/16	6,228,114			15,865,270		
8 9	Pemaining Amount	to be Recovered as of 12/31/16	¢ 40.000.400			\$20 ECO 4E7		
10	Remaining Amount	o be Recovered as of 12/31/10		18,663,460		0,569,457		
11								
12	Total Number of Mon	ths From:						
13	12/31/16 to En	d of License - 4/6/2043	315.5			195.5		
14								
15		om 1/1/17 to End of License						
16	Monthly	Effective 1/1/2017	\$	59,155		05,214.61		
17	Annual	Effective 1/1/2017	\$	7 09,862	\$	1,262,575		
18 19	Current Accrual Effe	ation 4/4/42						
20	Monthly	ctive 1/1/13	¢	39,123	¢	79 166		
21	Annual		\$ \$	469,481	\$ \$	78,166 937,996		
22	7111001		Ψ	403,401	Ψ	557,550		
23	Increase (Decrease)	Required Effective 1/1/17						
24	Monthly	•	\$	20,032	\$	27,048		
25	Annual		\$	240,381	\$	324,579		
26								
27								
28		Total Increase in Annual Accrual ²			\$	564,960		
29	•• /							
30	Notos:							

30 Notes:

¹ Forecasted inventory balances and salvage estimates based on amounts filed in FPL's 2015 Nuclear Decommissioning Study (Docket No. 150265-EI). 31

32

² After-tax amount of \$347,027 plus after-tax amount of nuclear fuel last core of (\$418,173) is reflected as a Per Book 33

Company Adjustment on MFR C-3 for both the 2017 Test Year and 2018 Subsequent Year. 34

Docket No. 160021-EI Proposed Company Adjustments for Change in Nuclear End of Life Accruals Exhibit KF-6, Page 2 of 2

FLORIDA POWER & LIGHT COMPANY NUCLEAR FUEL LAST CORE AMORTIZATION

Line <u>Number</u>	:			St. Lucie <u>Unit 1</u>		St. Lucie <u>Unit 2</u>		Turkey Point <u>Unit 3</u>		Turkey Point <u>Unit 4</u>
1 2 3	Estimated Cost of Unb	ourned Fuel @ End of License	\$	89,300,000	\$	98,700,000	\$	67,500,000	\$	62,700,000
4 5	FPL's Ownership Share Net of Participants ¹			89,300,000		98,700,000		67,500,000		62,700,000
6 7	Actual Reserve Balance at 12/31/2016			27,840,871		20,550,242		28,092,935		24,165,135
8 9 10	Remaining Amount to be Recovered as of 12/31/2016		\$	61,459,129	\$	78,149,758	\$	39,407,065	\$	38,534,865
11	Total Number of Month	ns From:								
12 13	12/31/16 to End of License:			230.5		315.5		186.5		195.5
13	Required Accrual Fro									
15	Monthly	Effective 1/1/2017	\$	266,634	\$	247,701	¢	211,298	¢	407 400
16	Annual	Effective 1/1/2017	\$	3,199,608	φ \$	2,972,416	\$ \$	2,535,575	\$ \$	197,109 2,365,311
17			Ψ	3,133,000	Ψ	2,372,410	φ	2,555,575	φ	2,305,311
18	Current Accrual Effect	ctive 1/1/13								
19	Monthly		\$	244,435	\$	222,636	\$	252,651	\$	259,752
20	Annual		\$	2,933,220	\$	2,671,634	Š	3,031,814	\$	3,117,029
21						. ,		-,,	•	•,••,•=•
22		Required Effective 1/1/17								
23	Monthly		\$	22,199	\$	25,065	\$	(41,353)	\$	(62,643)
24	Annual		\$	266,387	\$	300,782	\$	(496,239)	\$	(751,717)
25										
26		Total Decrease in Anr								
27 28										
20 29		St. Lucie Total	\$	567,169						
29 30		Turkey Point Total Total Company Adjustment ²	\$	(1,247,956)						
30 31		Total Company Adjustment	\$	(680,787)						