

Docket No. 20170009-EI					
Comprehensive Exhibit List for Entry into Hearing Record					
August 15-16, 2017					
EXH #	Witness	I.D. # As Filed	Exhibit Description	Issue Nos.	Entered
STAFF					
1		Exhibit List	Comprehensive Exhibit List		
FLORIDA POWER & LIGHT COMPANY (FPL) – (DIRECT)					
2	Steven Scroggs/Jennifer Grant-Keene	SDS-1	2015 T- Schedules Turkey Point 6 & 7 Site Selection and Pre-Construction Costs	1, 2, 3, 5, 9, 10	
3	Steven Scroggs/Jennifer Grant-Keene	SDS-2	2016 T- Schedules Turkey Point 6 & 7 Site Selection and Pre-Construction Costs	1, 2, 3, 5, 9, 10	
4	Steven Scrogg	SDS-3	Turkey Point 6 & 7 Licenses, Permits and Approvals	1, 2, 3, 5, 9, 10	
5	Steven Scroggs	SDS-4	Turkey Point 6 & 7 Procedures and Work Instructions	1, 2, 3, 5, 9, 10	
6	Steven Scroggs	SDS-5	Turkey Point 6 & 7 Project Reports	1, 2, 3, 5, 9, 10	
7	Steven Scroggs	SDS-6	Turkey Point 6 & 7 Project Instructions and Forms	1, 2, 3, 5, 9, 10	
8	Steven Scroggs	SDS-7	Turkey Point 6 & 7 Summary Tables of 2015 Expenditures	1, 2, 3, 5, 9, 10	
9	Steven Scrogg	SDS-8	Turkey Point 6 & 7 Summary Tables of the 2016 Expenditures	1, 2, 3, 5, 9, 10	
10	Steven Scroggs/Jennifer Grant-Keene	SDS-9	Turkey Point 6 & 7 Site Selection and Pre-construction Nuclear Filing Requirement Schedules	1, 2, 3, 5, 9, 10	

11	Steven Scroggs	SDS-10	Steps in Turkey Point 6 & 7 Licensing	1, 2, 3, 5, 9, 10	
12	Jennifer Grant-Keene	JGK-1	Final True-Up of 2015 Revenue Requirement	1, 2, 8	
13	Jennifer Grant-Keene	JGK-2	Final True-Up of 2016 Revenue Requirements	1, 2, 8	
14	Jennifer Grant-Keene	JGK-3	2018 Revenue Requirements	1, 2, 8	
CITY OF MIAMI – (DIRECT)					
15	Eugene T. Meehan	ETM-1	CV of Eugene T. Meehan	1, 2, 8,9,10	Not moved
16	Eugene T. Meehan	ETM-2	Deposition of Steven D. Scrogg	1, 2, 8,9,10	Not Moved
17	Eugene T. Meehan	ETM-3	Ten Year Site Plan 2015-2024	1, 2, 8,9,10	Not Moved
18	Eugene Meehan	ETM-4	Ten Year Site Plan 2017-2026	1, 2, 8,9,10	Not Moved
19	Eugene Meehan	ETM-5	2015 Testimony & Exhibits of Richard O. Brown	1, 2, 8,9,10	Not Moved
20	Eugene Meehan	ETM-6	Second Quarter 2017 Survey of Professional Forecasters	1, 2, 8,9,10	Not Moved
21	Eugene Meehan	ETM-7	2015 Testimony & Exhibits of Eugene T. Meehan	1, 2, 8,9,10	Not Moved
STAFF (PREFILED DIRECT)					
22	Iliana H. Piedra	IHP-1	Auditor's Report - Turkey Point Units 6 & 7 Twelve Months Ended December 31, 2016	2	
23	Iliana H. Piedra	IHP-2	Auditor's Report - Turkey Point Units 6 & 7 Twelve Months Ended December 31, 2015	2	
24	Sofia Lehmann & David Rich	LR-1	Review of Project Management Internal Controls for Turkey Point 6 & 7 Construction – June 2017	1	

25	Sofia Lehmann & David Rich	LR-2	Review of Project Management Internal Controls for Turkey Point 6 & 7 Construction – June 2016	1	
FLORIDA POWER & LIGHT COMPANY - (REBUTTAL)					
26	John Reed	JJR-1	John J. Reed Resume	5	Not Moved
27	John Reed	JJR-2	Expert Testimony of John J. Reed	5	Not Moved
DUKE ENERGY FLORIDA, LLC - (DIRECT)					
28	Thomas G. Foster/ Christopher Fallon	TGF-1	2016 Summary, 2016 Detail 11 Schedule, 2016 Detail-LLE Deferred Balance Schedule and Appendices A 12 through E, which reflect DEF's retail revenue requirement for the LNP from 13 January 2016 through December 2016		Deferred until October 25, 2017 Hearing
29	Thomas G. Foster	TGF-2	Reflects the actual costs associated with the EPU project and consists of: 2016 True-Up Summary, 2016 Detail Schedule and Appendices A through E, which show DEF's retail revenue requirements for the EPU project from January 2016 through December 2016.		Stipulated
30	Thomas G. Foster/ Christopher Fallon	TGF-3	Duke Energy Florida, LLC Levy Nuclear Units 1 & 2 Commission schedules January 2017-December 2018.		Deferred until October 25, 2017 Hearing

31	Thomas G. Foster	TGF-4	Reflects the actual costs associated with the EPU project and consists of: 2018 Revenue Requirement Summary, 2017 Revenue Requirement Detail Schedule, 2018 Revenue Requirement Detail Schedule, 2018 Estimated Rate Impact Schedule, and Appendixes A through F.	13-15	Stipulated
32	Thomas G. Foster	TGF-5	March 2, 2015 Direct Testimony of Thomas G. Foster in support of actual costs.		Deferred until October 25, 2017 Hearing
33	Thomas G. Foster	TGF-6	March 1, 2016 Direct Testimony of Thomas G. Foster in support of actual costs		Deferred until October 25, 2017 Hearing
STAFF - (PREFILED DIRECT) RE: DEF					
34	Ronald A. Mavrides	RAM-1	Auditor's Report - Crystal River Unit 3 Uprate	12	Stipulated
35	Ronald A. Mavrides	RAM-2	Auditor's Report - Levy Nuclear Plant Units 1 & 2 twelve months ended 12.31.16		Deferred until October 25, 2017 Hearing
36	Ronald A. Mavrides	RAM-3	Auditor's Report- Levy Nuclear Plant Unit 1 & 2 twelve months ended 12.31.14		Deferred until October 25, 2017 Hearing
37	Ronald A. Mavrides	RAM-4	Auditor's Report- Levy Nuclear Plant Unit 1 & 2 twelve months ended 12.31.15		Deferred until October 25, 2017 Hearing
STAFF - (DIRECT)					

38	Steven D. Scroggs		FPL's Response to OPC's 1st Set of Interrogatories Nos. 7-13 <i>[Bates Nos. 00001-00009]</i>	5	
39	Steven D. Scroggs		FPL's Response to Staff's 1st Set of Interrogatories Nos. 1-3, 6 <i>[Bates Nos. 00010-00016]</i>	3, 9, 10	
HEARING EXHIBITS					
Exhibit No.	Witness	Party	Description		
40	Scroggs	FPL	Scroggs' Errata		
41	Scroggs	OPC	Scana Article		
42	Scroggs	OPC	Vogle Article		
43	Scroggs	FIPUG	Article, How two cutting edge US nuclear projects bankrupted Westinghouse		
44	Scroggs	FIPUG	Article, We, Westinghouse cannot fail. CEO, new documents give fuller picture of business		
45	Scroggs	FIPUG	Rule 25-6.0423 FAC		Not Moved
46	Scroggs	SACE	Santee Cooper July 13, 2017 Press Release		
47	Scroggs	SACE	Santee Cooper August 11, 2017 Press Release		
48	Scroggs	SACE	SE FL Regional Climate Compact Sea Level Rise excerpt		Not moved
49	Scroggs	SACE	Order PSC-08-0237-Excerpt		
50	Grant-Keene	Staff	FPL's response to staff's 1 st IRROGs		
51	Grant-Keene	OPC	Page 5 from OPC's Witness Jacobs 2015 Testimony		Not moved

Turkey Point 6 & 7 Site Selection and Pre-Construction Costs
Nuclear Filing Requirements (NFRs)
2015 T-Schedules (Actual)
January 2015 - December 2015

Site Selection & Pre-Construction

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 2
PARTY: FLORIDA POWER & LIGHT COMPANY
(FPL) – (DIRECT)
DESCRIPTION: StevenScroggs/Jennifer Grant-Keene
SDS-1

**Turkey Point 6 & 7 Site Selection & Pre-Construction
Nuclear Filing Requirements (NFRs)
2015 T-Schedules
January 2015 - December 2015**

Site Selection Table of Contents

<u>Page (s)</u>	<u>Schedule</u>	<u>Year</u>	<u>Description</u>	<u>Sponsor</u>
4-5	T-1	2015	Retail Revenue Requirements Summary	J. Grant-Keene
6-8	T-2	2015	Site Selection Carrying Costs	J. Grant-Keene
9-11	T-3A	2015	Deferred Tax Carrying Costs	J. Grant-Keene

Pre-Construction Table of Contents

<u>Page (s)</u>	<u>Schedule</u>	<u>Year</u>	<u>Description</u>	<u>Sponsor</u>
13-14	T-1	2015	Retail Revenue Requirements Summary	J. Grant-Keene
15-17	T-2	2015	True-up of Pre-Construction Costs	J. Grant-Keene
18-20	T-3A	2015	Deferred Tax Carrying Costs	J. Grant-Keene
21	T-6	2015	Monthly Expenditures	J. Grant-Keene & S. Scroggs
22	T-6A	2015	Monthly Expenditure Descriptions	S. Scroggs
23	T-6B	2015	Variance Explanations	S. Scroggs
24	T-7A	2015	Contracts Executed > \$250,000	S. Scroggs
25	T-7B	2015	Contracts Executed > \$1,000,000	S. Scroggs

Site Selection True-Up

2015

Turkey Point Units 6&7
Site Selection Carrying Costs on Cost Balance
True-up Filing: Retail Revenue Requirements Summary

[Section (6)(c)1.a.]

Schedule T-1 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION
COMPANY: FLORIDA POWER & LIGHT COMPANY
DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual carrying costs for the prior year and the previously filed costs.

For the Year Ended 12/31/2015

Witness: Jennifer Grant-Keene

Line No.		(A) Actual January	(B) Actual February	(C) Actual March	(D) Actual April	(E) Actual May	(F) Actual June	(G) 6 Month Total
Jurisdictional Dollars								
1	Site Selection Revenue Requirements (Schedule T-2, Line 7)	(\$188)	(\$184)	(\$176)	(\$168)	(\$160)	(\$152)	(\$1,027)
2	Construction Carrying Cost Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA/(DTL) Carrying Cost (Schedule T-3A, Line 8)	\$13,325	\$13,326	\$13,326	\$13,326	\$13,327	\$13,327	\$79,957
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	<u>\$13,137</u>	<u>\$13,142</u>	<u>\$13,150</u>	<u>\$13,159</u>	<u>\$13,167</u>	<u>\$13,176</u>	<u>\$78,930</u>
7	Projected Cost and Carrying Cost on DTA/(DTL) for the Period (Order No. PSC-14-0617-FOF-EI)	\$12,209	\$12,212	\$12,212	\$12,212	\$12,212	\$12,212	\$73,270
8	True-up to Projections (Over)/Under Recovery for the Period (Line 6 - Line 7)	<u>\$928</u>	<u>\$929</u>	<u>\$938</u>	<u>\$946</u>	<u>\$955</u>	<u>\$963</u>	<u>\$5,659</u>
9	Actual / Estimated Revenue Requirements for the period (Order No. PSC-15-0521-FOF-EI)	\$13,108	\$13,113	\$13,121	\$13,130	\$13,138	\$13,146	\$78,756
10	Final True-up Amount for the Period (Line 6 - Line 9)	<u>\$28</u>	<u>\$29</u>	<u>\$29</u>	<u>\$29</u>	<u>\$29</u>	<u>\$30</u>	<u>\$174</u>

* Totals may not add due to rounding

Turkey Point Units 6&7
Site Selection Carrying Costs on Cost Balance
True-up Filing: Retail Revenue Requirements Summary

[Section (6)(c)1.a.]

Schedule T-1 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION
COMPANY: FLORIDA POWER & LIGHT COMPANY
DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual carrying costs for the prior year and the previously filed costs.

For the Year Ended 12/31/2015

Witness: Jennifer Grant-Keene

Line No.		(H) Actual July	(I) Actual August	(J) Actual September	(K) Actual October	(L) Actual November	(M) Actual December	(N) 12 Month Total
Jurisdictional Dollars								
1	Site Selection Revenue Requirements (Schedule T-2, Line 7)	(\$143)	(\$142)	(\$146)	(\$151)	(\$156)	(\$162)	(\$1,928)
2	Construction Carrying Cost Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA/(DTL) Carrying Cost (Schedule T-3A, Line 8)	\$13,328	\$13,328	\$13,329	\$13,329	\$13,329	\$13,330	\$159,930
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	<u>\$13,184</u>	<u>\$13,186</u>	<u>\$13,182</u>	<u>\$13,178</u>	<u>\$13,173</u>	<u>\$13,168</u>	<u>\$158,002</u>
7	Projected Cost and Carrying Cost on DTA/(DTL) for the Period (Order No. PSC-14-0617-FOF-EI)	\$13,905	\$13,924	\$13,950	\$13,977	\$14,003	\$14,030	\$157,060
8	True-up to Projections (Over)/Under Recovery for the Period (Line 6 - Line 7)	<u>(\$720)</u>	<u>(\$738)</u>	<u>(\$768)</u>	<u>(\$799)</u>	<u>(\$830)</u>	<u>(\$862)</u>	<u>\$942</u>
9	Actual / Estimated Revenue Requirements for the period (Order No. PSC-15-0521-FOF-EI)	\$13,156	\$13,158	\$13,154	\$13,149	\$13,144	\$13,139	\$157,658
10	Final True-up Amount for the Period (Line 6 - Line 9)	<u>\$28</u>	<u>\$28</u>	<u>\$28</u>	<u>\$29</u>	<u>\$29</u>	<u>\$29</u>	<u>\$345</u>

* Totals may not add due to rounding

Turkey Point Units 6&7
Carrying Costs on Site Selection Carrying Cost Balance
True-up Filing: Site-Selection Carrying Costs

[Section (6)(c)1.a.]

Schedule T-2 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the true-up of carrying costs for the prior year and the previously filed cost.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2015

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Line No.	(A) Beginning of Period	(B) Actual January	(C) Actual February	(D) Actual March	(E) Actual April	(F) Actual May	(G) Actual June	(H) 6 Month Total
Jurisdictional Dollars								
1 a. Nuclear CWIP Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Prior Month's (Over)/Under Recovery Eligible for Return (Prior Month's Line 1b + Prior Month's Line 9)		\$0	\$873	\$1,747	\$2,629	\$3,519	\$4,417	\$5,323
2 Unamortized CWIP Base Eligible for Return (d)	(\$2,007)	(\$1,833)	(\$1,659)	(\$1,485)	(\$1,311)	(\$1,138)	(\$964)	
3 Amortization of CWIP Base Eligible for Return (e)	(\$2,086)	(\$174)	(\$174)	(\$174)	(\$174)	(\$174)	(\$174)	(\$1,043)
4 Average Net Unamortized CWIP Base Eligible for Return		(\$1,920)	(\$1,310)	(\$262)	\$789	\$1,849	\$2,917	
5 Return on Average Net Unamortized CWIP Eligible for Return								
a. Equity Component (Line 5b x .61425) (a)		(\$8)	(\$5)	(\$1)	\$3	\$7	\$11	\$8
b. Equity Component grossed up for taxes (Line 4 x 0.006408352) (a) (b) (c)		(\$12)	(\$8)	(\$2)	\$5	\$12	\$19	\$13
c. Debt Component (Line 4 x 0.00119942) (c)		(\$2)	(\$2)	(\$0)	\$1	\$2	\$3	\$2
6 Total Return Requirements for the Period (Line 5b + 5c)		<u>(\$15)</u>	<u>(\$10)</u>	<u>(\$2)</u>	<u>\$6</u>	<u>\$14</u>	<u>\$22</u>	<u>\$16</u>
7 Total Costs, Carrying Costs & Amortization for the Period (Line 1a + 3 + 6)		<u>(\$188)</u>	<u>(\$184)</u>	<u>(\$176)</u>	<u>(\$168)</u>	<u>(\$160)</u>	<u>(\$152)</u>	<u>(\$1,027)</u>
8 Projected Carrying Costs for the period (Order No. PSC-14-0617-FOF-EI) (g)		(\$1,061)	(\$1,058)	(\$1,058)	(\$1,058)	(\$1,058)	(\$1,058)	(\$6,350)
9 (Over)/Under Recovery (True-up to Projections) (Line 7 - Line 8)		<u>\$873</u>	<u>\$874</u>	<u>\$882</u>	<u>\$890</u>	<u>\$898</u>	<u>\$906</u>	<u>\$5,323</u>
10 Adjustments		\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 (Over)/Under Recovery eligible for return		<u>\$873</u>	<u>\$874</u>	<u>\$882</u>	<u>\$890</u>	<u>\$898</u>	<u>\$906</u>	<u>\$5,323</u>
12 Actual / Estimated Revenue Requirements for the period (Order No. PSC-15-0521-FOF-EI)		(\$188)	(\$184)	(\$176)	(\$168)	(\$160)	(\$152)	(\$1,027)
13 Final True-up for the Period (Line 7 - Line 12)		<u>(\$0)</u>	<u>(\$0)</u>	<u>(\$0)</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

* Totals may not add due to rounding

See notes on Page 3

Turkey Point Units 6&7
Carrying Costs on Site Selection Carrying Cost Balance
True-up Filing: Site-Selection Carrying Costs

[Section (6)(c)1.a.]

Schedule T-2 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the true-up of carrying costs for the prior year and the previously filed cost.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2015

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Line No.	(I) Actual July	(J) Actual August	(K) Actual September	(L) Actual October	(M) Actual November	(N) Actual December	(O) 12 Month Total
Jurisdictional Dollars							
1 a. Nuclear CWIP Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Prior Month's (Over)/Under Recovery Eligible for Return (Prior Month's Line 1b + Prior Month's Line 9)	\$5,323	\$4,545	\$3,749	\$2,923	\$2,065	\$1,175	\$253
2 Unamortized CWIP Base Eligible for Return (f)	(\$790)	(\$616)	(\$442)	(\$268)	(\$94)	\$79	
3 Amortization of CWIP Base Eligible for Return	(\$174)	(\$174)	(\$174)	(\$174)	(\$174)	(\$174)	(\$2,086)
4 Average Net Unamortized CWIP Base Eligible for Return	\$3,993	\$4,231	\$3,618	\$2,981	\$2,312	\$1,613	
5 Return on Average Net Unamortized CWIP Eligible for Return							
a. Equity Component (Line 5b x .61425) (a)	\$16	\$17	\$14	\$12	\$9	\$6	\$82
b. Equity Component grossed up for taxes (Line 4 x 0.006408352) (a) (b) (c)	\$26	\$27	\$23	\$19	\$15	\$10	\$133
c. Debt Component (Line 4 x 0.00119942) (c)	\$5	\$5	\$4	\$4	\$3	\$2	\$25
6 Total Return Requirements for the Period (Line 5b + 5c)	<u>\$30</u>	<u>\$32</u>	<u>\$28</u>	<u>\$23</u>	<u>\$18</u>	<u>\$12</u>	<u>\$158</u>
7 Total Costs, Carrying Costs & Amortization for the Period (Line 1a + 3 + 6)	<u>(\$143)</u>	<u>(\$142)</u>	<u>(\$146)</u>	<u>(\$151)</u>	<u>(\$156)</u>	<u>(\$162)</u>	<u>(\$1,928)</u>
8 Projected Carrying Costs for the period (Order No. PSC-14-0617-FOF-EI) (g)	\$634	\$654	\$680	\$707	\$733	\$760	(\$2,181)
9 (Over)/Under Recovery (True-up to Projections) (Line 7 - Line 8)	<u>(\$778)</u>	<u>(\$796)</u>	<u>(\$827)</u>	<u>(\$858)</u>	<u>(\$890)</u>	<u>(\$922)</u>	<u>\$253</u>
10 Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 (Over)/Under Recovery eligible for return	<u>(\$778)</u>	<u>(\$796)</u>	<u>(\$827)</u>	<u>(\$858)</u>	<u>(\$890)</u>	<u>(\$922)</u>	<u>\$253</u>
12 Actual / Estimated Revenue Requirements for the period (Order No. PSC-15-0521-FOF-EI)	(\$144)	(\$142)	(\$146)	(\$151)	(\$156)	(\$162)	(\$1,928)
13 Final True-up for the Period (Line 7 - Line 12)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

* Totals may not add due to rounding

See notes on Page 3

Turkey Point Units 6&7
Carrying Costs on Site Selection Carrying Cost Balance
True-up Filing: Site-Selection Carrying Costs

[Section (6)(c)1.a.]

Schedule T-2 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the true-up of carrying costs for the prior year and the previously filed cost.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2015

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Notes:

- 1 (a) For carrying cost purposes monthly equity component reflects a 10.5% return on equity.
2 (b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 35% and a State Income Tax rate of 5.5%, for an effective rate of 38.575%.
3 (c) In calculating the rate of return, the equity component for taxes is grossed up using a monthly rate of 0.006408352 in order to achieve an annual pre-tax rate of 9.39%. A regular monthly debt component of 0.00119942 is used in the rate calculation.
4 (d) Line 2 (Column A) - Unamortized CWIP Base Eligible for Return consists of the total over recovered balance beginning in 2015. This amount is reduced by the 2015 amounts refunded (Line 3) and a carrying cost calculated on the unrefunded balance.

	Docket No. 130009-EI	Docket No. 150009-EI	Docket No. 150009-EI
	2014 Projections	2014 True up	2013/2014 (Over)/Under Recovery
8 Line 2 Beginning Balances includes:			
9 2014 Site Selection + Carrying Costs (Schedule P-2 / T-2)	\$0	(\$742)	(\$742)
10 2014 DTA/DTL Carrying Cost (Schedule P-3A / T-3A, Line 8)	\$160,488	\$159,224	(\$1,265)
	<u>\$160,488</u>	<u>\$158,482</u>	<u>(\$2,007)</u>

- 13 (e) Line 3 (Column A) - Amortization of CWIP Base Eligible for Return is the amount that was refunded over 12 months in 2015 as approved by the Commission in Order No. PSC-14-0617-FOF-EI. Docket No. 140009-EI.

	2014 (Over) Recovery
16 Line 3 Beginning Balance includes:	
17 2014 Site Selection Costs + Carrying Costs (Revised Schedule AE-2, Line 6)	(\$742)
18 2014 DTA/DTL Carrying Cost (Revised Schedule AE-3A, Line 10)	(\$1,344)
	<u>(\$2,086)</u>

- 23 (f) Line 2 (Column N) - Ending Balance consists of the 2014 final true-up amount which was refunded over 12 months in 2015.

	Docket No. 140009-EI 2014 Actual/Estimate	Docket No. 150009-EI 2014 True up	Docket No. 150009-EI 2014 (Over)/Under Recovery
26 Line 2 Ending Balance includes:			
27 2014 Site Selection Costs + Carrying Costs (Revised Schedule AE-2, Line 6 / Schedule T-2, Line 6)	(\$742)	(\$742)	\$0
28 2014 DTA/DTL Carrying Cost (Revised Schedule AE-3A, Line 8 / Schedule T-3A, Line 8)	\$159,144	\$159,224	\$79
	<u>\$158,402</u>	<u>\$158,482</u>	<u>\$79</u>

- 32 (g) Total recovered in 2015 as approved in Order No. PSC-14-0617-FOF-EI in Docket No. 140009-EI:

	January	February	March	April	May	June	6 Month
35 2014 (Over)/Under Recovery (Schedule AE-1, Line 8)	(\$1,046)	(\$1,044)	(\$1,045)	(\$1,047)	(\$1,048)	(\$1,049)	(\$6,279)
36 2015 Projected Cost / Carrying Cost (Schedule P-2, Line 7)	(\$15)	(\$14)	(\$13)	(\$11)	(\$10)	(\$9)	(\$71)
37 2015 (Over)/Under Recovery Projections	<u>(\$1,061)</u>	<u>(\$1,058)</u>	<u>(\$1,058)</u>	<u>(\$1,058)</u>	<u>(\$1,058)</u>	<u>(\$1,058)</u>	<u>(\$6,350)</u>
	July	August	September	October	November	December	12 Month
42 2014 (Over)/Under Recovery (Schedule AE-1, Line 8)	\$642	\$660	\$685	\$710	\$735	\$761	(\$2,086)
43 2015 Projected Cost / Carrying Cost (Schedule P-2, Line 7)	(\$7)	(\$6)	(\$5)	(\$3)	(\$2)	(\$1)	(\$95)
44 2015 (Over)/Under Recovery Projections	<u>\$634</u>	<u>\$654</u>	<u>\$680</u>	<u>\$707</u>	<u>\$733</u>	<u>\$760</u>	<u>(\$2,181)</u>

46 * Totals may not add due to rounding

Turkey Point Units 6&7
Carrying Costs on Site Selection Cost Balance
True-Up Filing: Deferred Tax Carrying Costs

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the actual deferred tax carrying costs.

For the Year Ended 12/31/2015

Witness: Jennifer Grant-Keene

Line No.	(A) Beginning of Period	(B) Actual January	(C) Actual February	(D) Actual March	(E) Actual April	(F) Actual May	(G) Actual June	(H) 6 Month Total
Jurisdictional Dollars								
1		\$0	\$0	\$0	\$0	\$0	\$0	\$0
2		\$0	\$0	\$0	\$0	\$0	\$0	\$0
3		\$0	\$0	\$0	\$0	\$0	\$0	\$0
4		<u>\$4,540,552</u>	<u>\$4,540,552</u>	<u>\$4,540,552</u>	<u>\$4,540,552</u>	<u>\$4,540,552</u>	<u>\$4,540,552</u>	<u>\$4,540,552</u>
5	38.575%	<u>\$1,751,518</u>	<u>\$1,751,518</u>	<u>\$1,751,518</u>	<u>\$1,751,518</u>	<u>\$1,751,518</u>	<u>\$1,751,518</u>	<u>\$1,751,518</u>
6								
a.		\$1,751,518	\$1,751,518	\$1,751,518	\$1,751,518	\$1,751,518	\$1,751,518	
b.		\$0	\$55	\$111	\$166	\$223	\$279	\$337
c.		\$1,751,518	\$1,751,573	\$1,751,628	\$1,751,684	\$1,751,741	\$1,751,797	
7								
a.		\$6,895	\$6,895	\$6,895	\$6,895	\$6,895	\$6,896	\$41,371
b.		\$11,224	\$11,225	\$11,225	\$11,225	\$11,226	\$11,226	\$67,351
c.		\$2,101	\$2,101	\$2,101	\$2,101	\$2,101	\$2,101	\$12,606
8		<u>\$13,325</u>	<u>\$13,326</u>	<u>\$13,326</u>	<u>\$13,326</u>	<u>\$13,327</u>	<u>\$13,327</u>	<u>\$79,957</u>
9		\$13,270	\$13,270	\$13,270	\$13,270	\$13,270	\$13,270	\$79,621
10		<u>\$55</u>	<u>\$55</u>	<u>\$56</u>	<u>\$56</u>	<u>\$57</u>	<u>\$57</u>	<u>\$337</u>
11		\$13,297	\$13,297	\$13,297	\$13,297	\$13,298	\$13,298	\$79,784
12		<u>\$28</u>	<u>\$29</u>	<u>\$29</u>	<u>\$29</u>	<u>\$29</u>	<u>\$29</u>	<u>\$174</u>

* Totals may not add due to rounding

See notes on Page 3

Turkey Point Units 6&7
Carrying Costs on Site Selection Cost Balance
True-Up Filing: Deferred Tax Carrying Costs

[Section 6(c)1.a.]

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the actual deferred tax carrying costs.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2015

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Line No.		(I) Beginning of Period	(J) Actual July	(K) Actual August	(L) Actual September	(M) Actual October	(N) Actual November	(O) Actual December	(P) 12 Month Total
Jurisdictional Dollars									
1	Construction Period Interest		\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Recovered Costs Excluding AFUDC		\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Other Adjustments		\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Tax Basis Less Book Basis (Prior Month Balance + Line 1 + 2 + 3) (d) (e)		<u>\$4,540,552</u>	<u>\$4,540,552</u>	<u>\$4,540,552</u>	<u>\$4,540,552</u>	<u>\$4,540,552</u>	<u>\$4,540,552</u>	<u>\$4,540,552</u>
5	Deferred Tax Asset DTA(DTL) on Tax Basis in Excess of Book (Line 4 x Tax Rate) (b)	38.575%	<u>\$1,751,518</u>	<u>\$1,751,518</u>	<u>\$1,751,518</u>	<u>\$1,751,518</u>	<u>\$1,751,518</u>	<u>\$1,751,518</u>	<u>\$1,751,518</u>
6	a. Average Accumulated DTA/(DTL)		\$1,751,518	\$1,751,518	\$1,751,518	\$1,751,518	\$1,751,518	\$1,751,518	
	b. Prior months cumulative Return on DTA/(DTL)		\$337	\$394	\$452	\$511	\$570	\$629	\$689
	c. Average DTA including prior period return subtotal		\$1,751,855	\$1,751,912	\$1,751,970	\$1,752,029	\$1,752,088	\$1,752,147	
7	Carrying Cost on DTA/(DTL)								
	a. Equity Component (Line 7b x .61425) (a)		\$6,896	\$6,896	\$6,896	\$6,897	\$6,897	\$6,897	\$82,749
	b. Equity Component grossed up for taxes (Line 6c x 0.006408352) (a) (b) (c)		\$11,227	\$11,227	\$11,227	\$11,228	\$11,228	\$11,228	\$134,716
	c. Debt Component (Line 6c x 0.00119942) (c)		\$2,101	\$2,101	\$2,101	\$2,101	\$2,101	\$2,102	\$25,214
8	Total Return Requirements Carrying Costs on DTA/(DTL) for the Period (Line 7b + 7c)		<u>13,328</u>	<u>13,328</u>	<u>13,329</u>	<u>13,329</u>	<u>13,329</u>	<u>13,330</u>	<u>159,930</u>
9	Projected Carrying Cost on DTA/(DTL) for the Period (Order No. PSC-14-0617-FOF-EI)		\$13,270	\$13,270	\$13,270	\$13,270	\$13,270	\$13,270	\$159,241
10	Difference True-up (Over)/Under Recovery (Line 8 - Line 9)		<u>\$58</u>	<u>\$58</u>	<u>\$58</u>	<u>\$59</u>	<u>\$59</u>	<u>\$60</u>	<u>\$689</u>
11	Actual / Estimated Revenue Requirements for the period (Order No. PSC-15-0521-FOF-EI)		\$13,300	\$13,300	\$13,300	\$13,301	\$13,301	\$13,301	\$159,586
12	Final True-up Amount for the Period (Line 8 - Line 11)		<u>\$28</u>	<u>\$28</u>	<u>\$28</u>	<u>\$29</u>	<u>\$29</u>	<u>\$29</u>	<u>\$344</u>

* Totals may not add due to rounding

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See notes on Page 3

Turkey Point Units 6&7
Carrying Costs on Site Selection Cost Balance
True-Up Filing: Deferred Tax Carrying Costs

[Section (6)(c)1.a.]

Schedule T-3A (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the actual deferred tax carrying costs.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2015

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Notes:

- 1 (a) For carrying cost purposes monthly equity component reflects a 10.5% return on equity.
2 (b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 35% and a State Income Tax rate of 5.5%, for an effective rate of 38.575%.
3 (c) In calculating the rate of return, the equity component for taxes is grossed up using a monthly rate of 0.006408352 in order to achieve an annual pre-tax rate of 9.39%. A regular monthly debt component of 0.00119942 is used in the rate calculation.
4 (d) Line 4 - Beginning Balance comes from 2014 T-3A, Line 4 (Column P), Docket No. 150009-EI.
5
6 (e) The Beginning Balance of T-3A, Line 4 has been revised to reflect the Jurisdictional Separation Factor effective in 2015.
7
8
9

	Docket No. 150009-EI 2014 Ending Balance as filed March 1, 2015	Tax Deductions at January 2014 Jurisdictional Factor (f)	T-3A Beginning Balance at January 2015 Jurisdictional Factor
15 Line 4, (Column A) Tax Basis Less Book Basis	\$4,533,203	\$7,349	\$4,540,552

- 17 (f) Calculation of 2015 beginning balance of Tax Deductions at the 2015 Jurisdictional Separation Factor.

	2006	2007	Total	Difference
20 Tax Deductions included in T-3A, Line 4 balance	(\$336,073)	(\$1,304,002)	(\$1,640,075)	
21 2014 Jurisdictional Factor	0.95079073	0.95079073		
22 Total Jurisdictionalized Tax Deductions	(\$319,535)	(\$1,239,833)	(\$1,559,368)	
23				
24 Tax Deductions included in T-3A, Line 4 balance	(\$336,073)	(\$1,304,002)	(\$1,640,075)	
25 2015 Jurisdictional Factor	0.94630981	0.94630981		
26 Total revised Jurisdictionalized Tax Deductions	(\$318,029)	(\$1,233,990)	(\$1,552,019)	\$7,349

* Totals may not add due to rounding

Pre-Construction True-Up

2015

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Retail Revenue Requirements Summary

[Section (6)(c)1.a.]

Schedule T-1 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual expenditures for the prior year and previously filed expenditures.

For the Year Ended 12/31/2015

Witness: Jennifer Grant-Keene

Line No.		(A) Actual January	(B) Actual February	(C) Actual March	(D) Actual April	(E) Actual May	(F) Actual June	(G) 6 Month Total
Jurisdictional Dollars								
1	Pre-Construction Revenue Requirements (Schedule T-2, Line 7)	\$1,082,527	\$2,420,676	\$1,311,551	\$1,497,494	\$1,835,826	\$1,242,561	\$9,390,636
2	Construction Carrying Costs Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA/DTL Carrying Costs (Schedule T-3A, Line 8)	\$538,018	\$542,511	\$547,356	\$550,878	\$555,190	\$559,132	\$3,293,085
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	<u>\$1,620,545</u>	<u>\$2,963,187</u>	<u>\$1,858,908</u>	<u>\$2,048,372</u>	<u>\$2,391,016</u>	<u>\$1,801,694</u>	<u>\$12,683,721</u>
7	Projected Costs and Carrying Costs for the Period (Order No. PSC-14-0617-FOF-EI) (a)	\$1,270,611	\$3,366,449	\$3,827,540	\$405,086	\$2,401,325	\$4,091,939	\$15,362,951
8	True-up to Projections (Over)/Under Recovery for the Period (Line 6 - Line 7)	<u>\$349,933</u>	<u>(\$403,262)</u>	<u>(\$1,968,632)</u>	<u>\$1,643,286</u>	<u>(\$10,308)</u>	<u>(\$2,290,246)</u>	<u>(\$2,679,230)</u>
9	Actual / Estimated Revenue Requirements for the period (Order No. PSC-15-0521-FOF-EI)	\$1,619,401	\$2,962,023	\$2,130,186	\$2,136,483	\$2,241,286	\$1,888,665	\$12,978,045
10	Final True-up Amount for the Period (Line 6 - Line 9)	<u>\$1,143</u>	<u>\$1,164</u>	<u>(\$271,278)</u>	<u>(\$88,111)</u>	<u>\$149,731</u>	<u>(\$86,972)</u>	<u>(\$294,324)</u>
11	(a) Total being recovered in 2015 as approved in Order No. PSC-14-0617-FOF-EI in Docket No. 140009-EI:							6 Month Total
12	2013 Final True-Up (2013 Schedule T-1, Line 10)	(\$0)	(\$0)	\$216,800	(\$637,117)	(\$438,138)	\$1,491,429	\$632,975
13	2014 (Over)/Under Recovery (Schedule AE-1, Line 8)	\$16,386	\$2,038,917	\$1,991,752	(\$377,746)	\$1,162,282	\$1,016,967	\$5,848,558
14	2015 Projected Costs / Carrying Costs (Schedule P-2, Line 7)	\$718,182	\$789,292	\$1,078,022	\$876,130	\$1,130,431	\$1,033,631	\$5,625,689
15	2015 Projected DTA/DTL Carrying Costs (Schedule P-3A, Line 8)	\$536,043	\$538,240	\$540,966	\$543,819	\$546,750	\$549,912	\$3,255,730
16	2015 Total (Over)/Under Recovery	<u>\$1,270,611</u>	<u>\$3,366,449</u>	<u>\$3,827,540</u>	<u>\$405,086</u>	<u>\$2,401,325</u>	<u>\$4,091,939</u>	<u>\$15,362,951</u>

* Totals may not add due to rounding

See notes on Page 2

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Retail Revenue Requirements Summary

[Section (6)(c)1.a.]

Schedule T-1 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual expenditures for the prior year and previously filed expenditures.

For the Year Ended 12/31/2015

Witness: Jennifer Grant-Keene

Line No.		(H) Actual July	(I) Actual August	(J) Actual September	(K) Actual October	(L) Actual November	(M) Actual December	(N) 12 Month Total
Jurisdictional Dollars								
1	Pre-Construction Revenue Requirements (Schedule T-2, Line 7)	\$1,445,651	\$1,427,791	\$2,233,568	\$723,815	\$1,553,715	\$973,897	\$17,749,073
2	Construction Carrying Costs Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA(DTL) Carrying Costs (Schedule T-3A, Line 8)	\$562,513	\$566,190	\$571,016	\$574,785	\$577,552	\$580,697	\$6,725,838
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	<u>\$2,008,164</u>	<u>\$1,993,981</u>	<u>\$2,804,584</u>	<u>\$1,298,601</u>	<u>\$2,131,267</u>	<u>\$1,554,594</u>	<u>\$24,474,911</u>
7	Projected Costs and Carrying Costs for the Period (Order No. PSC-14-0617-FOF-EI) (a)	\$659,031	(\$710,602)	\$2,252,935	\$2,411,124	\$1,706,501	(\$2,001,503)	\$19,680,436
8	True-up to Projections (Over)/Under Recovery for the Period (Line 6 - Line 7)	<u>\$1,349,133</u>	<u>\$2,704,583</u>	<u>\$551,649</u>	<u>(\$1,112,523)</u>	<u>\$424,766</u>	<u>\$3,556,096</u>	<u>\$4,794,475</u>
9	Actual / Estimated Revenue Requirements for the period (Order No. PSC-15-0521-FOF-EI)	\$1,857,149	\$1,764,333	\$1,842,658	\$1,832,525	\$1,767,534	\$3,739,222	\$25,781,467
10	Final True-up Amount for the Period (Line 6 - Line 9)	<u>\$151,015</u>	<u>\$229,647</u>	<u>\$961,926</u>	<u>(\$533,925)</u>	<u>\$363,733</u>	<u>(\$2,184,629)</u>	<u>(\$1,306,556)</u>
11	(a) Total recovered in 2015 as approved in Order No. PSC-14-0617-FOF-EI in Docket No. 140009-EI:							12 Month Total
12	2013 Final True-Up (2013 Schedule T-1, Line 10)	\$556,215	(\$187,115)	\$569,101	\$846,185	(\$151,998)	(\$2,729,012)	(\$463,649)
13	2014 (Over)/Under Recovery (Schedule AE-1, Line 8)	(\$1,279,278)	(\$1,879,653)	\$37,860	\$245,950	\$525,006	(\$2,538,104)	\$960,338
14	2015 Projected Costs / Carrying Costs (Schedule P-2, Line 7)	\$829,459	\$801,148	\$1,088,193	\$758,507	\$770,773	\$2,697,815	\$12,571,584
15	2015 Projected DTA/DTL Carrying Costs (Schedule P-3A, Line 8)	\$552,635	\$555,018	\$557,781	\$560,482	\$562,720	\$567,798	\$6,612,164
16	2015 Total (Over)/Under Recovery	<u>\$659,031</u>	<u>(\$710,602)</u>	<u>\$2,252,935</u>	<u>\$2,411,124</u>	<u>\$1,706,501</u>	<u>(\$2,001,503)</u>	<u>\$19,680,436</u>

* Totals may not add due to rounding

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Pre-Construction Costs

[Section (6)(c)1.a.]

Schedule T-2 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER & LIGHT COMPANY

DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the true-up of pre-construction costs based on actual expenditures for the prior year and the previously filed expenditures.

For the Year Ended 12/31/2015

Witness: Jennifer Grant-Keene

Line No.	(A) Beginning of Period	(B) Actual January	(C) Actual February	(D) Actual March	(E) Actual April	(F) Actual May	(G) Actual June	(H) 6 Month Total	
Jurisdictional Dollars									
1	a. Nuclear CWIP Additions (Schedule T-6 Line 37)		\$1,042,776	\$2,379,916	\$1,271,333	\$1,466,654	\$1,806,590	\$1,207,487	\$9,174,755
	b. Prior Month's (Over)/Under Recovery Eligible for Return (Prior Month's Line 1b + Prior Month's Line 9)		\$0	\$347,958	(\$59,574)	(\$2,034,598)	(\$398,371)	(\$417,119)	(\$2,716,585)
2	Unamortized CWIP Base Eligible for Return (d)	(\$194,825)	(\$236,216)	(\$277,607)	(\$318,997)	(\$360,388)	(\$401,779)	(\$443,169)	
3	Amortization of CWIP Base Eligible for Return (e)	\$496,688	\$41,391	\$41,391	\$41,391	\$41,391	\$41,391	\$41,391	\$248,344
4	Average Net Unamortized CWIP Base Eligible for Return		(\$215,520)	(\$82,932)	(\$154,110)	(\$1,386,779)	(\$1,597,567)	(\$830,219)	
5	Return on Average Net Unamortized CWIP Eligible for Return								
	a. Equity Component (Line 5b x .61425) (a)		(\$848)	(\$326)	(\$607)	(\$5,459)	(\$6,289)	(\$3,268)	(\$16,797)
	b. Equity Component grossed up for taxes (Line 4 x 0.006408352) (a) (b) (c)		(\$1,381)	(\$531)	(\$988)	(\$8,887)	(\$10,238)	(\$5,320)	(\$27,345)
	c. Debt Component (Line 4 x 0.00119942) (c)		(\$258)	(\$99)	(\$185)	(\$1,663)	(\$1,916)	(\$996)	(\$5,118)
6	Total Return Requirements for the Period (Line 5b + 5c)	\$0	(\$1,640)	(\$631)	(\$1,172)	(\$10,550)	(\$12,154)	(\$6,316)	(\$32,463)
7	Total Costs, Carrying Costs & Amortization for the Period (Line 1a + 3 + 6)		\$1,082,527	\$2,420,676	\$1,311,551	\$1,497,494	\$1,835,826	\$1,242,561	\$9,390,636
8	Projected Carrying Costs for the period (Order No. PSC-14-0617-FOF-EI) (g)		\$734,568	\$2,828,209	\$3,286,575	(\$138,733)	\$1,854,575	\$3,542,027	\$12,107,222
9	(Over)/Under Recovery (True-up to Projections) (Line 7 - Line 8)		\$347,958	(\$407,533)	(\$1,975,023)	\$1,636,227	(\$18,749)	(\$2,299,466)	(\$2,716,585)
10	Adjustments		\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	(Over)/Under Recovery eligible for return		\$347,958	(\$407,533)	(\$1,975,023)	\$1,636,227	(\$18,749)	(\$2,299,466)	(\$2,716,585)
12	Actual / Estimated Revenue Requirements for the period (Order No. PSC-15-0521-FOF-EI)		\$1,082,530	\$2,420,677	\$1,583,615	\$1,585,878	\$1,686,474	\$1,330,020	\$9,689,195
13	Final True-up for the Period (Line 7 - Line 12)		(\$3)	(\$1)	(\$272,064)	(\$88,384)	\$149,352	(\$87,459)	(\$298,559)

* Totals may not add due to rounding

See notes on Page 3

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Pre-Construction Costs

[Section (6)(c)1.a.]

Schedule T-2 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER & LIGHT COMPANY

DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the true-up of pre-construction costs based on actual expenditures for the prior year and the previously filed expenditures.

For the Year Ended 12/31/2015

Witness: Jennifer Grant-Keene

Line No.	(I) Actual July	(J) Actual August	(K) Actual September	(L) Actual October	(M) Actual November	(N) Actual December	(O) 12 Month Total
Jurisdictional Dollars							
1 a. Nuclear CWIP Additions (Schedule T-6 Line 37)	\$1,419,710	\$1,405,817	\$2,196,569	\$674,838	\$1,507,291	\$930,514	\$17,309,494
b. Prior Month's (Over)/Under Recovery Eligible for Return (Prior Month's Line 1b + Prior Month's Line 9)	(\$2,716,585)	(\$1,377,330)	\$1,316,081	\$1,854,495	\$727,669	\$1,137,603	\$4,680,801
2 Unamortized CWIP Base Eligible for Return (f)	(\$484,560)	(\$525,951)	(\$567,341)	(\$608,732)	(\$650,123)	(\$691,513)	
3 Amortization of CWIP Base Eligible for Return	\$41,391	\$41,391	\$41,391	\$41,391	\$41,391	\$41,391	\$496,688
4 Average Net Unamortized CWIP Base Eligible for Return	(\$2,030,717)	(\$2,552,213)	(\$577,271)	\$997,251	\$661,655	\$261,818	
5 Return on Average Net Unamortized CWIP Eligible for Return							
a. Equity Component (Line 5b x .61425) (a)	(\$7,994)	(\$10,046)	(\$2,272)	\$3,926	\$2,604	\$1,031	(\$29,548)
b. Equity Component grossed up for taxes (Line 4 x 0.006408352) (a) (b) (c)	(\$13,014)	(\$16,355)	(\$3,699)	\$6,391	\$4,240	\$1,678	(\$48,105)
c. Debt Component (Line 4 x 0.00119942) (c)	(\$2,436)	(\$3,061)	(\$692)	\$1,196	\$794	\$314	(\$9,004)
6 Total Return Requirements for the Period (Line 5b + 5c)	<u>(\$15,449)</u>	<u>(\$19,417)</u>	<u>(\$4,392)</u>	<u>\$7,587</u>	<u>\$5,034</u>	<u>\$1,992</u>	<u>(\$57,109)</u>
7 Total Costs, Carrying Costs & Amortization for the Period (Line 1a + 3 + 6)	<u>\$1,445,651</u>	<u>\$1,427,791</u>	<u>\$2,233,568</u>	<u>\$723,815</u>	<u>\$1,553,715</u>	<u>\$973,897</u>	<u>\$17,749,073</u>
8 Projected Carrying Costs for the period (Order No. PSC-14-0617-FOF-EI) (g)	\$106,396	(\$1,265,620)	\$1,695,154	\$1,850,642	\$1,143,781	(\$2,569,301)	\$13,068,273
9 (Over)/Under Recovery (True-up to Projections) (Line 7 - Line 8)	<u>\$1,339,255</u>	<u>\$2,693,411</u>	<u>\$538,414</u>	<u>(\$1,126,826)</u>	<u>\$409,935</u>	<u>\$3,543,197</u>	<u>\$4,680,801</u>
10 Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 (Over)/Under Recovery eligible for return	<u>\$1,339,255</u>	<u>\$2,693,411</u>	<u>\$538,414</u>	<u>(\$1,126,826)</u>	<u>\$409,935</u>	<u>\$3,543,197</u>	<u>\$4,680,801</u>
12 Actual / Estimated Revenue Requirements for the period (Order No. PSC-15-0521-FOF-EI)	\$1,295,233	\$1,199,312	\$1,274,571	\$1,261,311	\$1,193,313	\$3,159,199	\$19,072,135
13 Final True-up for the Period (Line 7 - Line 12)	<u>\$150,419</u>	<u>\$228,479</u>	<u>\$958,997</u>	<u>(\$537,496)</u>	<u>\$360,403</u>	<u>(\$2,185,303)</u>	<u>(\$1,323,061)</u>

* Totals may not add due to rounding

See notes on Page 3

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Pre-Construction Costs

[Section (6)(c)1.a.]

Schedule T-2 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the true-up of pre-construction costs based on actual expenditures for the prior year and the previously filed expenditures.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2015

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Notes:

- 1 (a) For carrying cost purposes the monthly equity component reflects a 10.5% return on equity.
2 (b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 35% and a State Income Tax rate of 5.5%, for an effective rate of 38.575%.
3 (c) In calculating the rate of return, the equity component for taxes is grossed up using a monthly rate of 0.006408352 in order to achieve an annual pre-tax rate of 9.39%. A regular monthly debt component of 0.00119942 is used in the rate calculation.
4 (d) Line 2 (Column A) - Unamortized CWIP Base Eligible for Return consists of the total over recovered balance beginning in 2015. This amount is reduced by the 2015 amounts refunded (Line 3) and a carrying cost calculated on the unrefunded balance.
5
6
7

	Docket No. 130009-EI 2014 Projections	Docket No. 150009-EI 2014 True up	Docket No. 150009-EI 2013/2014 (Over)/Under Recovery
8 Line 2 Beginning Balances includes:			
9 2013 Over Recovery (2014 Schedule T-2, Line 2 Ending Balance)	\$0	(\$463,650)	(\$463,650)
10 2014 Pre-construction Costs + Carrying Costs (Schedule P-2, Line 7 / T-2, Line 1 + 6)	\$16,496,375	\$17,268,824	\$772,449
11 2014 DTA/DTL Carrying Cost (Schedule P-3A, Line 8 / T-3A, Line 8)	\$6,653,521	\$6,149,897	(\$503,624)
12	<u>\$23,149,896</u>	<u>\$22,955,071</u>	<u>(\$194,825)</u>

- 13
14 (e) Line 3 (Column A) - Amortization of CWIP Base Eligible for Return is the amount that was refunded over 12 months in 2015 as approved by the Commission in Order No. PSC-14-0617-FOF-EI. Docket No. 140009-EI, Exhibit JGK-7.
15
16

	2013 Final True-Up/2014 A/E (Over)/Under Recovery
17 Line 3 Beginning Balance includes:	
18 2013 Over Recovery of Carrying Costs (Schedule T-2, Line 13)	(\$486,639)
19 2013 Under Recovery of Carrying Costs on DTA/DTL (Schedule T-3A, Line 12)	\$22,989
20 2014 Under Recovery of Costs & Carrying Cost (Schedule AE-2, Line 9)	\$1,521,542
21 2014 Over Recovery of Carrying Costs on DTA/DTL (Schedule AE-3A, Line 10)	(\$561,204)
22	<u>\$496,688</u>

} (\$463,649) JGK-7, Column 3, Line 20, Dkt No. 140009-EI
} \$960,338 JGK-7, Column 6, Line 20, Dkt No. 140009-EI

- 23
24
25
26 (f) Line 2 (Column N) - Ending Balance consists of the 2014 final true-up amount which was refunded over 12 months in 2015.
27

	Docket No. 140009-EI 2014 Actual/Estimate	Docket No. 150009-EI 2014 True up	Docket No. 150009-EI 2014 (Over)/Under Recovery
28 Line 2 Ending Balance includes:			
29 2014 Pre-construction Costs + Carrying Costs (Schedule AE-2, Line 1 + 6 / T-2, Line 1 + 6)	\$18,017,917	\$17,268,824	(\$749,092)
30 2014 DTA/DTL Carrying Cost (Schedule AE-3A, Line 8 / T-3A, Line 8)	\$6,092,317	\$6,149,897	\$57,580
31	<u>\$24,110,234</u>	<u>\$23,418,721</u>	<u>(\$691,512)</u>

- 32
33
34
35 (g) Total recovered in 2015 as approved in Order No. PSC-14-0617-FOF-EI in Docket No. 140009-EI:

	January	February	March	April	May	June	6 Month
36 2013 Final True-Up (2013 Schedule T-1, Line 10)	(\$0)	(\$0)	\$216,800	(\$637,117)	(\$438,138)	\$1,491,429	\$632,975
37 2014 (Over)/Under Recovery (Schedule AE-1, Line 8)	\$16,386	\$2,038,917	\$1,991,752	(\$377,746)	\$1,162,282	\$1,016,967	\$5,848,558
38 2015 Projected Cost / Carrying Cost (Schedule P-2, Line 7)	\$718,182	\$789,292	\$1,078,022	\$876,130	\$1,130,431	\$1,033,631	\$5,625,689
39 2015 (Over)/Under Recovery (Schedule P-2)	<u>\$734,568</u>	<u>\$2,828,209</u>	<u>\$3,286,575</u>	<u>(\$138,733)</u>	<u>\$1,854,575</u>	<u>\$3,542,027</u>	<u>\$12,107,222</u>
40							
41							
42							
43							
44							
45							
46 2013 Final True-Up (2013 Schedule T-1, Line 10)	\$556,215	(\$187,115)	\$569,101	\$846,185	(\$151,998)	(\$2,729,012)	(\$463,649)
47 2014 (Over)/Under Recovery (Schedule AE-1, Line 8)	(\$1,279,278)	(\$1,879,653)	\$37,860	\$245,950	\$525,006	(\$2,538,104)	\$960,338
48 2015 Projected Cost / Carrying Cost (Schedule P-2, Line 7)	\$829,459	\$801,148	\$1,088,193	\$758,507	\$770,773	\$2,697,815	\$12,571,584
49 2015 (Over)/Under Recovery (Schedule P-2)	<u>\$106,396</u>	<u>(\$1,265,620)</u>	<u>\$1,695,154</u>	<u>\$1,850,642</u>	<u>\$1,143,781</u>	<u>(\$2,569,301)</u>	<u>\$13,068,273</u>

* Totals may not add due to rounding

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Deferred Tax Carrying Costs

[Section (6)(c)1.a.]

Schedule T-3A (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the actual deferred tax carrying costs.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2015

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Line No.	(A) Beginning of Period	(B) Actual January	(C) Actual February	(D) Actual March	(E) Actual April	(F) Actual May	(G) Actual June	(H) 6 Month Total
Jurisdictional Dollars								
1		\$0	\$0	\$0	\$0	\$0	\$0	\$0
2		\$1,042,776	\$2,379,916	\$1,271,333	\$1,466,654	\$1,806,590	\$1,207,487	\$9,174,755
3		(\$185,563)	(\$185,563)	(\$185,563)	(\$185,563)	(\$185,563)	(\$185,563)	(\$1,113,377)
4		<u>\$182,901,315</u>	<u>\$183,758,528</u>	<u>\$185,952,881</u>	<u>\$187,038,652</u>	<u>\$188,319,743</u>	<u>\$189,940,770</u>	<u>\$190,962,694</u>
5	38.575%	<u>\$70,554,182</u>	<u>\$70,884,852</u>	<u>\$71,731,324</u>	<u>\$72,150,160</u>	<u>\$72,644,341</u>	<u>\$73,269,652</u>	<u>\$73,663,859</u>
6	a. Average Accumulated DTA/(DTL)	\$70,719,517	\$71,308,088	\$71,940,742	\$72,397,250	\$72,956,996	\$73,466,756	
	b. Prior months cumulative Return on DTA/(DTL) (d)	\$0	\$0	\$1,975	\$6,245	\$12,636	\$19,695	\$37,356
	c. Average DTA/(DTL) including prior period return subtotal (Line 6a + 6b)	\$70,719,517	\$71,310,063	\$71,946,987	\$72,409,886	\$72,976,691	\$73,494,891	
7	Carrying Costs on DTA/(DTL)							
	a. Equity Component (Line 7b x .61425) (a) (b)	\$278,375	\$280,700	\$283,207	\$285,029	\$287,260	\$289,300	\$1,703,872
	b. Equity Component grossed up for taxes (Line 6c x 0.006408352) (a) (b) (c)	\$453,196	\$456,980	\$461,062	\$464,028	\$467,660	\$470,981	\$2,773,907
	c. Debt Component (Line 6c x 0.00119942) (c)	\$84,822	\$85,531	\$86,295	\$86,850	\$87,530	\$88,151	\$519,179
8	Total Return Requirements Carrying Costs on DTA/(DTL) for the Period (Line 7b + 7c)	<u>\$538,018</u>	<u>\$542,511</u>	<u>\$547,356</u>	<u>\$550,878</u>	<u>\$555,190</u>	<u>\$559,132</u>	<u>\$3,293,085</u>
9	Projected Carrying Costs on DTA/(DTL) for the Period (Order No. PSC-14-0617-FOF-EI)	\$536,043	\$538,240	\$540,966	\$543,819	\$546,750	\$549,912	\$3,255,730
10	Difference True-up to Projection (Over)/Under Recovery (Line 8 - Line 9)	<u>\$1,975</u>	<u>\$4,270</u>	<u>\$6,391</u>	<u>\$7,059</u>	<u>\$8,440</u>	<u>\$9,220</u>	<u>\$37,356</u>
11	Actual / Estimated Revenue Requirements for the period (Order No. PSC-15-0521-FOF-EI) (f)	\$536,871	\$541,346	\$546,571	\$550,605	\$554,812	\$558,645	\$3,288,850
12	Final True-up for the Period (Line 8 - Line 11)	<u>\$1,147</u>	<u>\$1,165</u>	<u>\$786</u>	<u>\$273</u>	<u>\$378</u>	<u>\$487</u>	<u>\$4,235</u>

* Totals may not add due to rounding

See notes on Page 3

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Deferred Tax Carrying Costs

[Section (6)(c)1.a.]

Schedule T-3A (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the actual deferred tax carrying costs.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2015

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Line No.		(I) Beginning of Period	(J) Actual July	(K) Actual August	(L) Actual September	(M) Actual October	(N) Actual November	(O) Actual December	(P) 12 Month Total
Jurisdictional Dollars									
1	Construction Period Interest		\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Recovered Costs Excluding AFUDC (Schedule T-2, Line 1a + Line 10)		\$1,419,710	\$1,405,817	\$2,196,569	\$674,838	\$1,507,291	\$930,514	\$17,309,494
3	Other Adjustments (e)		(\$185,563)	(\$185,563)	(\$185,563)	(\$185,563)	(\$185,563)	(\$185,563)	(\$2,226,753)
4	Tax Basis Less Book Basis (Prior Month Balance + Line 1 + 2 + 3) (d) (f)		<u>\$190,962,694</u>	<u>\$192,196,841</u>	<u>\$193,417,095</u>	<u>\$195,428,101</u>	<u>\$195,917,376</u>	<u>\$197,239,104</u>	<u>\$197,984,056</u>
5	Deferred Tax Asset/(Liability) DTA/(DTL) on Tax Basis in Excess of Book (Line 4 x Tax Rate) (b)	38.575%	<u>\$73,663,859</u>	<u>\$74,139,931</u>	<u>\$74,610,644</u>	<u>\$75,386,390</u>	<u>\$75,575,128</u>	<u>\$76,084,984</u>	<u>\$76,372,349</u>
6	a. Average Accumulated DTA/(DTL)		\$73,901,895	\$74,375,288	\$74,998,517	\$75,480,759	\$75,830,056	\$76,228,667	
	b. Prior months cumulative Return on DTA/(DTL) (d)		\$37,356	\$47,234	\$58,405	\$71,640	\$85,943	\$100,775	\$113,674
	c. Average DTA/(DTL) including prior period return subtotal (Line 6a + 6b)		\$73,939,251	\$74,422,521	\$75,056,922	\$75,552,399	\$75,915,999	\$76,329,442	
7	Carrying Costs on DTA/(DTL)								
	a. Equity Component (Line 7b x .61425) (a) (b)		\$291,049	\$292,952	\$295,449	\$297,399	\$298,830	\$300,458	\$3,480,009
	b. Equity Component grossed up for taxes (Line 6c x 0.006408352) (a) (b) (c)		473,829	476,926	480,991	484,166	486,496	489,146	\$5,665,461
	c. Debt Component (Line 6c x 0.00119942) (c)		88,684	89,264	90,025	90,619	91,055	91,551	\$1,060,377
8	Total Return Requirements Carrying Costs on DTA/(DTL) for the Period (Line 7b + 7c)		<u>\$562,513</u>	<u>\$566,190</u>	<u>\$571,016</u>	<u>\$574,785</u>	<u>\$577,552</u>	<u>\$580,697</u>	<u>\$6,725,838</u>
9	Projected Carrying Costs on DTA/(DTL) for the Period (Order No. PSC-14-0617-FOF-EI)		\$552,635	\$555,018	\$557,781	\$560,482	\$562,720	\$567,798	\$6,612,164
10	Difference True-up to Projection (Over)/Under Recovery (Line 8 - Line 9)		<u>\$9,878</u>	<u>\$11,172</u>	<u>\$13,235</u>	<u>\$14,303</u>	<u>\$14,832</u>	<u>\$12,899</u>	<u>\$113,674</u>
11	Actual / Estimated Revenue Requirements for the period (Order No. PSC-15-0521-FOF-EI) (f)		\$561,917	\$565,021	\$568,086	\$571,214	\$574,221	\$580,023	\$6,709,332
12	Final True-up for the Period (Line 8 - Line 11)		<u>\$596</u>	<u>\$1,169</u>	<u>\$2,930</u>	<u>\$3,571</u>	<u>\$3,330</u>	<u>\$674</u>	<u>\$16,505</u>

* Totals may not add due to rounding

See notes on Page 3

Page 2 of 3

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Deferred Tax Carrying Costs

[Section (6)(c)1.a.]

Schedule T-3A (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the actual deferred tax carrying costs.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2015

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

- Notes:
- (a) For carrying cost purposes monthly equity component reflects a 10.5% return on equity.
 - (b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 35% and a State Income Tax rate of 5.5%, for an effective rate of 38.575%.
 - (c) In calculating the rate of return, the equity component for taxes is grossed up using a monthly rate of 0.006408352 in order to achieve an annual pre-tax rate of 9.39%. A regular monthly debt component of 0.00119942 is used in the rate calculation.
 - (d) Line 6b - Beginning Balance on Prior months cumulative Return on DTA/(DTL) is not shown on T-3A, because it is included on Schedule T-2 footnote (d), Page 3 of 3 Line 11.
 - (e) Line 3 - Other Adjustments represents Estimated 2015 deductions under IRS Regulations Section, Internal Payroll (Reg. Sec. 1.263(a)-4). These deductions have been applied ratably over the 12 months in 2015. The actual deductions taken on the 2015 tax return are true-up in the 2016 T-3A Schedule filed on March 1, 2017.

Tax Deduction Description	FPL System Qualifying Expenditures	System Deductions Attributed to Qualifying	Jurisdictional Separation Factor	Jurisdictional Deductions	Monthly Amortization
Estimated 2015 Internal Payroll	(\$2,353,091)	(\$2,353,091)	0.94630981	(\$2,226,753)	(\$185,563)

- (f) The Beginning Balance of Schedule T-3A, Line 4 has been revised to reflect the Jurisdictional Separation Factor effective in 2015 for other adjustments (Line 3).

	Docket No. 150009-EI	Tax Deductions at 2014 Ending Balance as filed March 1, 2015	T-3A Beginning Balance at January 2015 Jurisdictional Factor (g)
Line 4, (Column A) Tax Basis Less Book Basis	\$182,782,623	\$118,692	\$182,901,315

- (g) Calculation of 2015 beginning balance of Tax Deductions at the 2015 Jurisdictional Separation Factor.

	2007	2008	2009	2010	2011	2012	2013	2014	Total	Difference
Tax Deductions included in Schedule T-3A, Line 4 balance	(\$256,524)	(\$3,277,789)	(\$5,536,849)	(\$3,538,559)	\$0	\$0	\$0	(\$2,353,091)	(\$14,962,812)	
Tax Deductions from prior years not included in Schedule T-3A	(\$1,640,075)	\$0	\$0	(\$275,000)	(\$3,787,562)	(\$3,118,389)	(\$2,704,494)	\$0	(\$11,525,520)	
Total Tax Deductions	(\$1,896,599)	(\$3,277,789)	(\$5,536,849)	(\$3,813,559)	(\$3,787,562)	(\$3,118,389)	(\$2,704,494)	(\$2,353,091)	(\$26,488,332)	
2014 Jurisdictional Factor	0.95079073	0.95079073	0.95079073	0.95079073	0.95079073	0.95079073	0.95079073	0.95079073		
Total Jurisdictionalized Tax Deductions	(\$1,803,269)	(\$3,116,492)	(\$5,264,384)	(\$3,625,897)	(\$3,601,179)	(\$2,964,935)	(\$2,571,408)	(\$2,237,297)	(\$25,184,860)	
Tax Deductions included in Schedule T-3A, Line 4 balance	(\$256,524)	(\$3,277,789)	(\$5,536,849)	(\$3,538,559)	\$0	\$0	\$0	(\$2,353,091)	(\$14,962,812)	
Tax Deductions from prior years not included in Schedule T-3A	(\$1,640,075)	\$0	\$0	(\$275,000)	(\$3,787,562)	(\$3,118,389)	(\$2,704,494)	\$0	(\$11,525,520)	
Total Tax Deductions	(\$1,896,599)	(\$3,277,789)	(\$5,536,849)	(\$3,813,559)	(\$3,787,562)	(\$3,118,389)	(\$2,704,494)	(\$2,353,091)	(\$26,488,332)	
2015 Jurisdictional Factor	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981		
Total revised Jurisdictionalized Tax Deductions	(\$1,794,770)	(\$3,101,804)	(\$5,239,574)	(\$3,608,808)	(\$3,584,207)	(\$2,950,962)	(\$2,559,289)	(\$2,226,753)	(\$25,066,168)	\$118,692

* Totals may not add due to rounding

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance (a)
True-up Filing: Monthly Expenditures

[Section (6)(c)1.a.]

Schedule T-6 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the actual monthly expenditures by major tasks performed within Pre-Construction categories.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2015

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene and Steven D. Scroggs

Line No.	Description	(A) Actual January	(B) Actual February	(C) Actual March	(D) Actual April	(E) Actual May	(F) Actual June	(G) Actual July	(H) Actual August	(I) Actual September	(J) Actual October	(K) Actual November	(L) Actual December	(M) 12 Month Total
1	Pre-Construction:													
2	Generation:													
3	Licensing	\$1,060,001	\$1,223,337	\$1,296,927	\$1,503,097	\$1,859,449	\$1,249,747	\$1,450,681	\$1,440,379	\$1,279,048	\$671,699	\$1,049,616	\$694,192	\$14,778,173
4	Permitting	\$15,637	\$17,700	\$19,282	\$17,876	\$21,624	-\$838	\$20,379	\$18,044	\$16,860	\$17,729	\$16,678	\$6,147	\$187,118
5	Engineering and Design	\$26,301	\$1,273,907	\$27,255	\$28,894	\$28,016	\$27,086	\$29,199	\$27,155	\$1,025,286	\$23,698	\$526,515	\$282,969	\$3,326,281
6	Long lead procurement advanced payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Power Block Engineering and Procurement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Initial Assessment (b)	\$0	\$0	\$0	\$0	\$0	\$165,039	\$137,534	\$182,500	\$164,902	\$343,552	\$311,712	\$175,005	\$1,480,242
9	Total Generation Costs	\$1,101,939	\$2,514,944	\$1,343,464	\$1,549,867	\$1,909,089	\$1,441,034	\$1,637,793	\$1,668,078	\$2,486,096	\$1,056,678	\$1,904,521	\$1,158,313	\$19,771,814
10														
11	Adjustments													
12	Non-Cash Accruals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Other Adjustments (b)	\$0	\$0	\$0	\$0	\$0	\$165,039	\$137,534	\$182,500	\$164,902	\$343,552	\$311,712	\$175,005	\$1,480,242
14	Total Adjustments	\$0	\$0	\$0	\$0	\$0	\$165,039	\$137,534	\$182,500	\$164,902	\$343,552	\$311,712	\$175,005	\$1,480,242
15														
16	Total Generation Costs Net of Adjustments (Line 9 - Line 14)	\$1,101,939	\$2,514,944	\$1,343,464	\$1,549,867	\$1,909,089	\$1,275,995	\$1,500,259	\$1,485,578	\$2,321,194	\$713,126	\$1,592,809	\$983,308	\$18,291,572
17	Jurisdictional Factor (c)	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981
18	Total Jurisdictional Generation Costs Net of Adjustments	\$1,042,776	\$2,379,916	\$1,271,333	\$1,466,654	\$1,806,590	\$1,207,487	\$1,419,710	\$1,405,817	\$2,196,569	\$674,838	\$1,507,291	\$930,514	\$17,309,494
19														
20	Transmission:													
21	Line Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	Substation Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	Clearing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	Total Transmission Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	Jurisdictional Factor	0.88718019	0.88718019	0.88718019	0.88718019	0.88718019	0.88718019	0.88718019	0.88718019	0.88718019	0.88718019	0.88718019	0.88718019	0.88718019
27	Total Jurisdictional Transmission Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	Adjustments													
29	Non-Cash Accruals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
31	Total Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
32	Jurisdictional Factor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	Total Jurisdictional Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34														
35	Total Jurisdictional Transmission Costs Net of Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36														
37	Total Jurisdictional Pre-Construction Costs Net of Adjustments	\$1,042,776	\$2,379,916	\$1,271,333	\$1,466,654	\$1,806,590	\$1,207,487	\$1,419,710	\$1,405,817	\$2,196,569	\$674,838	\$1,507,291	\$930,514	\$17,309,494

* Totals may not add due to rounding

Notes:

(a) Effective with the filing of FPL's need petition on October 16, 2007, Pre-Construction began.

(b) Reflected on line 8 are total company Initial Assessment costs, excluding AFUDC. Accrued AFUDC on 2015 Initial Assessment costs is \$33,398. Both Initial Assessment costs and AFUDC are currently deferred for future recovery consistent with Order No. PSC-15-0521-FOF-EI.

(c) FPL's jurisdictional separation factor based on the January 2015 Earnings Surveillance Report filed with the FPSC.

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Monthly Expenditure Descriptions

[Section (6)(c)1.a.]
[Section (9)(d)]

Schedule T-6A (True-up)

FLORIDA PUBLIC SERVICE COMMISSION
COMPANY: FLORIDA POWER & LIGHT COMPANY
DOCKET NO.: 170009-EI

EXPLANATION: Provide a description of the major tasks
performed within Pre-Construction.

For the Year Ended 12/31/2015
Witness: Steven D. Scroggs

Line No.	Major Task	Description - Includes, but is not limited to:
-------------	------------	--

- | | | |
|----|--|--|
| 1 | <u>Pre-Construction period:</u> | |
| 2 | Generation: | |
| 3 | 1 License Application | |
| 4 | a. Processing of Nuclear Regulatory Commission Combined License submittal | |
| 5 | b. Processing of Florida Department of Environmental Protection Site Certification Application | |
| 6 | c. Transmission facilities studies, stability analysis, Florida Reliability Coordinating Council studies | |
| 7 | d. Studies required as Conditions of Approval for local zoning | |
| 8 | 2 Permitting | |
| 9 | a. Communications outreach | |
| 10 | b. Legal and application fees | |
| 11 | 3 Engineering and Design | |
| 12 | a. Site specific civil, mechanical and structural requirements to support design | |
| 13 | b. Water supply design | |
| 14 | c. Construction logistical and support planning | |
| 15 | 4 Long lead procurement advanced payments | |
| 16 | 5 Power Block Engineering and Procurement | |
| 17 | 6 Initial Assessment | |
| 18 | | |
| 19 | Transmission: | |
| 20 | 1 Line / Substation Engineering | |
| 21 | a. Transmission interconnection design | |
| 22 | b. Transmission integration design | |

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Variance Explanations

[Section (9)(d)]

Schedule T-6B (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide annual variance explanations comparing the actual expenditures to the most recent estimates filed with the Commission.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2015

DOCKET NO.: 170009-EI

Witness: Steven D. Scroggs

Line No.	(A) Total Actual	(B) Total Actual/Estimated	(C) Total Variance	(D) Explanation	
1	Pre-Construction:				
2	<u>Generation:</u>				
3					
4	Licensing	\$14,778,172	\$15,377,764	(\$599,592)	Variance primarily due to unused contingency, partially offset by increased costs related to external licensing support, NRC fees, and additional third party reviews of NRC RAI's.
5					
6					
7					
8	Permitting	\$187,118	\$291,349	(\$104,231)	Variance primarily due to reduction to internal payroll support costs and unused contingency.
9					
10					
11					
12	Engineering and Design	\$3,326,281	\$4,026,573	(\$700,292)	Variance primarily due to lower APOG membership participation costs.
13					
14					
15	Long lead procurement advanced payments	\$0	\$0	\$0	
16					
17					
18	Power Block Engineering and Procurement	\$0	\$0	\$0	
19					
20					
21	Initial Assessment	\$1,480,242	\$1,842,105	(\$361,863)	Variance primarily due to Category B/C Initial Assessments awarded later than planned.
22					
23					
24	Total Generation Costs	<u>\$19,771,814</u>	<u>\$21,537,791</u>	<u>(\$1,765,977)</u>	
25					
26					
27					
28	<u>Transmission:</u>				
29	Line Engineering	\$0	\$0	\$0	
30	Substation Engineering	\$0	\$0	\$0	
31	Clearing	\$0	\$0	\$0	
32	Other	\$0	\$0	\$0	
33	Total Transmission Costs	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	
34					
35					
36					
37	Construction:				
38					
39	N/A - At this stage, construction has not commenced				

* Totals may not add due to rounding

Turkey Point 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Contracts Executed

Schedule T-7A

[Section (9)(c)]

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For all executed contracts exceeding \$250,000, (including change orders), provide the contract number or identifier, status, original and current contract terms, original amount, amount expended as of the end of the prior year, amount expended in the current year, estimated final contract amount, name of contractor and affiliations if any, method of selection including identification of justification documents, and description of work.

COMPANY: Florida Power & Light Company

For the Year Ended 12/31/2015

DOCKET NO.: 170009-EI

Witness: Steven D. Scroggs

CONFIDENTIAL CONFIDENTIAL CONFIDENTIAL CONFIDENTIAL

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	
Line No.	Contract No.	Status of Contract	Original Term of Contract	Current Term of Contract	Original Amount	Actual Expended as of Prior Year End (2014)	Actual amount expended in Current Year (2015)	Estimate of Final Contract Amount	Name of Contractor (and Affiliation if any)	Method of Selection and Document ID	Work Description
1	2000062412	Closed - CO#6	02/2012 - 12/2012	02/2012 - 12/2014					AMEC E&I	SSJ	PTN 6&7 RFI Response Review
2	2000115705	Open - CO#3	10/2013 - 08/2015	10/2013 - 12/2016					AMEC E&I	SSJ	PTN 6&7 RFI Response Review/FSAR 2.5.4
3	4500395492	Open - CO#59	11/2007 - 12/2011	11/2007 - 05/2017					Bechtel Power Co.	Comp Bid/SSJ/ PDS	PTN 6&7 COLA and SCA Preparation and Support
4	2000060695	Closed - CO#2	02/2012 - 12/2012	02/2012 - 05/2015					Burns & McDonnell	Comp Bid/SSJ	PTN 6&7 Preliminary Design of the Radial Collector Well System
5	4500443122	Closed - CO #5	08/2008 - 08/2010	06/2008 - 06/2015					Eco-Metrics, Inc.	SSJ	PTN 6&7 Environmental Consulting Services
6	4500518167	Open - CO#11	07/2009 - 12/2009	07/2009 - 06/2015					Environmental Consulting and Technology Inc.	SSJ/PDS	PTN 6&7 Post SCA Submittal Support
7	4500430034	Open - CO#3	06/2008 - 07/2011	06/2008 - 12/2015					EPRI	SSJ	Advanced Nuclear Technology; Near term deployment of Advanced Light Water Reactors
8	4500518160	Open - CO#11	07/2009 - 12/2009	07/2009 - 04/2015					Golder & Associates, Inc.	SSJ/PDS	PTN 6&7 Post SCA Submittal Support
9	4500425707	Closed - CO#8	05/2008 - 08/2008	05/2008 - 06/2015					HDR Engineering, Inc.	Comp Bid/SSJ	Conceptual Engineering of Cooling Water Supply and Discharge
10	4500645896	Open - CO#3	02/2011 - 03/2012	02/2011 - 12/2014					McCallum Turner	SSJ	PTN 6&7 COLA Site Selection RAI Support
11	4500517152	Open - CO#8	10/2009 - 12/2010	10/2009 - 12/2015					McNabb Hydrogeologic Consulting, Inc.	SSJ/PDS	PTN 6&7 Post SCA Submittal and UIC Licensing Support
12	2000102364	Open - CO#12	05/2013 - 12/2014	05/2013 - 12/2016					Paul C. Rizzo Associates, Inc.	SSJ	PTN 6&7 Field Investigation and FSAR 2.5 Revision
13	2000053246	Open	11/2011 - 06/2014	11/2011 - 12/2016					Power Engineers, Inc.	SSJ	PTN 6&7 Prelim Analysis for Miami River Crossing and Davis/Miami Line
14	4500527549	Closed - CO#5	08/2009 - 12/2009	07/2009 - 04/2015					TetraTechGeo (formerly GeoTrans, Inc.)	SSJ	PTN 6&7 APT Review and Collector Well Modeling Support
15	4500404639	Open - CO#9	01/2008 - 12/2011	01/2008 - 12/2016					Westinghouse Electric Co	SSJ/ PDS	PTN 6&7 Engineering Services to Support Preparation of COLA and Response to Post-Submittal RAIs
16	2000170273	Closed	4/2015 - 12/2015	4/2015 - 12/2015					Bechtel Power Co.	Comp Bid	PTN 6 & 7 - Category A – Site Development Initial Assessment
17	2000183930	Open - CO #1	10/2015 - 12/2016	10/2015 - 12/2016					Bechtel Power Co.	Comp Bid	PTN 6 & 7 - Category B/Category C – Excavation, Fill and Sub-Foundation Initial Assessment

Turkey Point 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Contracts Executed

Schedule T-7B

[Section (9)(c)]

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

COMPANY: Florida Power & Light Company

For the Year Ended 12/31/2015

DOCKET NO.: 170009-EI

Witness: Steven D. Scroggs

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Line No.	Contract No.:	Major Task or Tasks Associated With:	Vendor Identity:	Vendor Affiliation (specify 'direct' or 'indirect'):	Number of Vendors Solicited:	Number of Bids Received:	Brief Description of Selection Process:	Dollar Value:	Contract Status:	Term Begin:	Term End:	Nature and Scope of Work:
1	4500395492	COLA and SCA Preparation and Support	Bechtel Power Corporation	Direct	Two	Two	Initial contract competitively bid. Change Orders 1-11 issued as Single Source. Designated as Predetermined Source January 2009 through July 2013. Subsequent change orders justified as Single Source, if applicable.		Open - CO#59	11/06/07	05/31/17	Engineering Services to support preparation of COLA and SCA, including post-submittal support for RAI responses.
2	4500518167	PTN 6&7 Post SCA Submittal Support	Environmental Consulting and Technology Inc.	Direct	SSJ/PDS	NA	ECT can build off their Phase I analysis and project specific experience to complete the transmission corridor environmental licensing with a minimum of mobilization time or bringing project staff up to speed with prior work.		Open - CO#11	07/15/09	06/31/2015	PTN 6&7 Post SCA Submittal Support
3	4500430034	EPRI "Advanced Nuclear Technology: Near Term Deployment of Advanced Light Water Reactors"	EPRI	Direct	SSJ	NA	EPRI is non-profit organization with the unique capability to fulfill the needs of this Contract.		Open - CO#3	06/10/08	Open	Advanced Nuclear Technology; Near term deployment of Advanced Light Water Reactors
4	4500518160	PTN 6&7 Post SCA Submittal Support	Golder & Associates, Inc.	Direct	SSJ/PDS	NA	Golder & Associates, Inc. has performed a significant amount of related Phase I tasks and can build off their Phase I work and project specific experience to complete the environmental licensing with a minimum of mobilization time or bringing project staff up to speed with prior work.		Open - CO#11	09/29/09	04/30/15	Conceptual Engineering of Cooling Water Supply and Discharge
5	4500425707	PTN 6&7 Conceptual Engineering of Cooling Water Supply and Disposal	HDR Engineering, Inc.	Direct	Comp Bid/SSJ	Three	Initial contract competitively bid. Subsequent changes orders were issued as Single Source and notes relative experience as the basis for award.		Closed - CO#8	05/19/08	Closed	Conceptual Engineering of Cooling Water Supply and Discharge
6	2000102364	PTM 6&7 Revision of FSAR section 2.5.4	Paul C. Rizzo Associates, Inc.	Direct	SSJ	NA	Rizzo Associates recent interaction with the NRC and their familiarity with Florida geology, would reduce familiarization and development time to prepare the analysis and FSAR revision. Subsequent changes orders were issued as Single Source and notes relatives experience as the basis for award.		Open - CO#12	04/30/13	12/31/16	PTN 6&7 Field Investigation and FSAR 2.5 Revision
7	4500404639	PTN 6&7 Provide continuing support COL Application	Westinghouse Electric Co	Direct	SSJ/ PDS	NA	Initial contract award was based on the designation as Predetermined Source. Subsequent changes orders were issued as Single Source and notes relatives experience as the basis for award.		Open - CO#9	01/31/08	12/31/16	PTN 6&7 Engineering Services to Support Preparation of COLA and Response to Post-Submittal RAIs
8	2000183930	PTN 6&7 - Category B/Category C – Excavation, Fill and Sub-Foundation Initial Assessment	Bechtel Power Corporation	Direct	Comp Bid	Four	Initial contract competitively bid. Subsequent change orders were administrative only.		Open - CO#1	10/05/15	12/31/16	Turkey Point 6&7 Category B/Category C – Excavation, Fill and Sub-Foundation Initial Assessment to be used for the preparation of the pre-construction planning of the project

Turkey Point 6 & 7 Site Selection and Pre-Construction Costs
Nuclear Filing Requirements (NFRs)
2016 T-Schedules (Actual)
January 2016 - December 2016

Site Selection & Pre-Construction

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 3
PARTY: FLORIDA POWER & LIGHT COMPANY (FPL)
– (DIRECT)
DESCRIPTION: StevenScroggs/Jennifer Grant-Keene
SDS-2

**Turkey Point 6 & 7 Site Selection & Pre-Construction
Nuclear Filing Requirements (NFRs)
2016 T-Schedules
January 2016 - December 2016**

Site Selection Table of Contents

<u>Page (s)</u>	<u>Schedule</u>	<u>Year</u>	<u>Description</u>	<u>Sponsor</u>
4-5	T-1	2016	Retail Revenue Requirements Summary	J. Grant-Keene
6-8	T-2	2016	Site Selection Carrying Cost	J. Grant-Keene
9-11	T-3A	2016	Deferred Tax Carrying Costs	J. Grant-Keene

Pre-Construction Table of Contents

<u>Page (s)</u>	<u>Schedule</u>	<u>Year</u>	<u>Description</u>	<u>Sponsor</u>
13-14	T-1	2016	Retail Revenue Requirements Summary	J. Grant-Keene
15-17	T-2	2016	True-up of Preconstruction costs	J. Grant-Keene
18-20	T-3A	2016	Deferred Tax Carrying Costs	J. Grant-Keene
21	T-6	2016	Monthly Expenditures	J. Grant-Keene & S. Scroggs
22	T-6A	2016	Monthly Expenditure Descriptions	S. Scroggs
23	T-6B	2016	Variance Explanations	S. Scroggs
24	T-7A	2016	Contracts Executed > \$250,000	S. Scroggs
25	T-7B	2016	Contracts Executed > \$1,000,000	S. Scroggs

Site Selection True Up

2016

Turkey Point Units 6&7
Site Selection Carrying Cost on Site Selection Cost Balance
True-up Filing: Retail Revenue Requirements Summary

[Section (6)(c)1.a.]

Schedule T-1 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual carrying cost for the prior year and the previously filed costs.

For the Year Ended 12/31/2016

Witness: Jennifer Grant-Keene

Line No.		(A) Actual January	(B) Actual February	(C) Actual March	(D) Actual April	(E) Actual May	(F) Actual June	(G) 6 Month Total
Jurisdictional Dollars								
1	Site Selection Revenue Requirements (Schedule T-2, Line 7)	\$57	\$53	\$46	\$39	\$32	\$25	\$254
2	Construction Carrying Cost Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA(DTL) Carrying Cost (Schedule T-3A, Line 8)	\$13,298	\$13,298	\$13,298	\$13,298	\$13,298	\$13,298	\$79,789
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	<u>\$13,355</u>	<u>\$13,351</u>	<u>\$13,344</u>	<u>\$13,338</u>	<u>\$13,331</u>	<u>\$13,323</u>	<u>\$80,042</u>
7	Projected Cost and Carrying Cost on DTA/(DTL) for the Period (Order No. PSC-15-0521-FOF-EI) (a)	\$14,201	\$14,202	\$14,209	\$14,217	\$14,225	\$14,233	\$85,287
8	Difference (True-up to Projections) (Over)/Under Recovery for the Period (Line 6 - Line 7)	<u>(\$846)</u>	<u>(\$850)</u>	<u>(\$865)</u>	<u>(\$880)</u>	<u>(\$894)</u>	<u>(\$910)</u>	<u>(\$5,244)</u>
9	Actual / Estimated Revenue Requirements for the period (a)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Final True-up Amount for the Period (Line 8 - Line 9)	<u>(\$846)</u>	<u>(\$850)</u>	<u>(\$865)</u>	<u>(\$880)</u>	<u>(\$894)</u>	<u>(\$910)</u>	<u>(\$5,244)</u>

* Totals may not add due to rounding

See notes on Page 2

Turkey Point Units 6&7
Site Selection Carrying Cost on Site Selection Cost Balance
True-up Filing: Retail Revenue Requirements Summary

[Section (6)(c)1.a.]

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual carrying cost for the prior year and the previously filed costs.

For the Year Ended 12/31/2016

Witness: Jennifer Grant-Keene

Line No.		(H) Actual July	(I) Actual August	(J) Actual September	(K) Actual October	(L) Actual November	(M) Actual December	(N) 12 Month Total
Jurisdictional Dollars								
1	Site Selection Revenue Requirements (Schedule T-2, Line 7)	\$18	\$17	\$23	\$28	\$34	\$41	\$415
2	Construction Carrying Cost Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA/(DTL) Carrying Cost (Schedule T-3A, Line 8)	\$13,298	\$13,298	\$13,298	\$13,298	\$13,298	\$13,298	\$159,578
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	<u>\$13,316</u>	<u>\$13,315</u>	<u>\$13,321</u>	<u>\$13,327</u>	<u>\$13,333</u>	<u>\$13,339</u>	<u>\$159,993</u>
7	Projected Cost and Carrying Cost on DTA/(DTL) for the Period (Order No. PSC-15-0521-FOF-EI) (a)	\$12,551	\$12,533	\$12,502	\$12,470	\$12,438	\$12,406	\$160,186
8	Difference (True-up to Projections) (Over)/Under Recovery for the Period (Line 6 - Line 7)	<u>\$766</u>	<u>\$783</u>	<u>\$819</u>	<u>\$856</u>	<u>\$894</u>	<u>\$933</u>	<u>(\$193)</u>
9	Actual / Estimated Revenue Requirements for the period (a)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Final True-up Amount for the Period (Line 8 - Line 9)	<u>\$766</u>	<u>\$783</u>	<u>\$819</u>	<u>\$856</u>	<u>\$894</u>	<u>\$933</u>	<u>(\$193)</u>

Notes
 11 (a) Per Order No. PSC-16-0266-PCO-EI the Commission deferred consideration of FPL's Actual/Estimated 2016 True-up.

* Totals may not add due to rounding

Turkey Point Units 6&7
Carrying Costs on Site Selection Carrying Cost Cost Balance
True-up Filing: Site-Selection

[Section (6)(c)1.a.]

Schedule T-2 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the true-up of carrying charges for the prior year and the previously filed costs.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2016

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Line No.	(A) Beginning of Period	(B) Actual January	(C) Actual February	(D) Actual March	(E) Actual April	(F) Actual May	(G) Actual June	(H) 6 Month Total
Jurisdictional Dollars								
1 a. Nuclear CWIP Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Prior Month's (Over)/Under Recovery Eligible for Return (Prior Month's Line 1b + Prior Month's Line 9)		\$0	(\$847)	(\$1,699)	(\$2,565)	(\$3,446)	(\$4,342)	(\$5,253)
2 Unamortized CWIP Base Eligible for Return (d)	\$942	\$893	\$843	\$793	\$743	\$693	\$644	
3 Amortization of CWIP Base Eligible for Return (e)	\$598	\$50	\$50	\$50	\$50	\$50	\$50	\$299
4 Average Net Unamortized CWIP Base Eligible for Return		\$918	\$444	(\$455)	(\$1,364)	(\$2,287)	(\$3,225)	
5 Return on Average Net Unamortized CWIP Eligible for Return								
a. Equity Component (Line 5b x .61425) (a)		\$4	\$2	(\$2)	(\$5)	(\$9)	(\$13)	(\$23)
b. Equity Component grossed up for taxes (Line 4 x 0.00636489) (a) (b) (c)		\$6	\$3	(\$3)	(\$9)	(\$15)	(\$21)	(\$38)
c. Debt Component (Line 4 x 0.001225600) (c)		\$1	\$1	(\$1)	(\$2)	(\$3)	(\$4)	(\$7)
6 Total Return Requirements for the Period (Line 5b + 5c)		<u>\$7</u>	<u>\$3</u>	<u>(\$3)</u>	<u>(\$10)</u>	<u>(\$17)</u>	<u>(\$24)</u>	<u>(\$45)</u>
7 Total Costs, Carrying Costs & Amortization for the Period (Line 1a + 3 + 6)		<u>\$57</u>	<u>\$53</u>	<u>46</u>	<u>\$39</u>	<u>\$32</u>	<u>\$25</u>	<u>\$254</u>
8 Projected Carrying Costs for the period (Order No. PSC-15-0521-FOF-EI) (g)		\$904	\$905	\$913	\$920	\$928	\$936	\$5,506
9 (Over) / Under Recovery (True-up to Projections) (Line 7 - Line 8)		<u>(\$847)</u>	<u>(\$852)</u>	<u>(\$866)</u>	<u>(\$881)</u>	<u>(\$896)</u>	<u>(\$911)</u>	<u>(\$5,253)</u>
10 Adjustments		\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 (Over)/Under Recovery eligible for return		<u>(\$847)</u>	<u>(\$852)</u>	<u>(\$866)</u>	<u>(\$881)</u>	<u>(\$896)</u>	<u>(\$911)</u>	<u>(\$5,253)</u>
12 Actual / Estimated Revenue Requirements for the period (h)		\$0	\$0	\$0	\$0	\$0	\$0	\$0
13 Final True-up for the Period (Line 11 - Line 12)		<u>(\$847)</u>	<u>(\$852)</u>	<u>(\$866)</u>	<u>(\$881)</u>	<u>(\$896)</u>	<u>(\$911)</u>	<u>(\$5,253)</u>

* Totals may not add due to rounding

See notes on Page 3

Turkey Point Units 6&7
Carrying Costs on Site Selection Carrying Cost Cost Balance
True-up Filing: Site-Selection

[Section (6)(c)1.a.]

Schedule T-2 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the true-up of carrying charges for the prior year and the previously filed costs.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2016

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Line No.		(I) Actual July	(J) Actual August	(K) Actual September	(L) Actual October	(M) Actual November	(N) Actual December	(O) 12 Month Total
Jurisdictional Dollars								
1	a. Nuclear CWIP Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Prior Month's (Over)/Under Recovery Eligible for Return (Prior Month's Line 1b + Prior Month's Line 9)	(\$5,253)	(\$4,488)	(\$3,707)	(\$2,889)	(\$2,034)	(\$1,142)	(\$210)
2	Unamortized CWIP Base Eligible for Return (f)	\$594	\$544	\$494	\$444	\$395	\$345	
3	Amortization of CWIP Base Eligible for Return (e)	\$50	\$50	\$50	\$50	\$50	\$50	\$598
4	Average Net Unamortized CWIP Base Eligible for Return	(\$4,178)	(\$4,302)	(\$3,579)	(\$2,829)	(\$2,042)	(\$1,219)	
5	Return on Average Net Unamortized CWIP Eligible for Return							
	a. Equity Component (Line 5b x .61425) (a)	(\$16)	(\$17)	(\$14)	(\$11)	(\$8)	(\$5)	(\$94)
	b. Equity Component grossed up for taxes (Line 4 x 0.00636489) (a) (b) (c)	(\$27)	(\$27)	(\$23)	(\$18)	(\$13)	(\$8)	(\$154)
	c. Debt Component (Line 4 x 0.001225600) (c)	(\$5)	(\$5)	(\$4)	(\$3)	(\$3)	(\$1)	(\$30)
6	Total Return Requirements for the Period (Line 5b + 5c)	<u>(\$32)</u>	<u>(\$33)</u>	<u>(\$27)</u>	<u>(\$21)</u>	<u>(\$16)</u>	<u>(\$9)</u>	<u>(\$183)</u>
7	Total Costs, Carrying Costs & Amortization for the Period (Line 1a + 3 + 6)	<u>\$18</u>	<u>\$17</u>	<u>\$23</u>	<u>\$28</u>	<u>\$34</u>	<u>\$41</u>	<u>\$415</u>
8	Projected Carrying Costs for the period (Order No. PSC-15-0521-FOF-EI) (g)	<u>(\$746)</u>	<u>(\$764)</u>	<u>(\$795)</u>	<u>(\$826)</u>	<u>(\$858)</u>	<u>(\$891)</u>	<u>\$625</u>
9	(Over) / Under Recovery (True-up to Projections) (Line 7 - Line 8)	<u>\$764</u>	<u>\$781</u>	<u>\$818</u>	<u>\$855</u>	<u>\$893</u>	<u>\$931</u>	<u>(\$210)</u>
10	Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	(Over)/Under Recovery eligible for return	<u>\$764</u>	<u>\$781</u>	<u>\$818</u>	<u>\$855</u>	<u>\$893</u>	<u>\$931</u>	<u>(\$210)</u>
12	Actual / Estimated Revenue Requirements for the period (h)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Final True-up for the Period (Line 11 - Line 12)	<u>\$764</u>	<u>\$781</u>	<u>\$818</u>	<u>\$855</u>	<u>\$893</u>	<u>\$931</u>	<u>(\$210)</u>

* Totals may not add due to rounding

See notes on Page 3

Turkey Point Units 6&7
Carrying Costs on Site Selection Carrying Cost Cost Balance
True-up Filing: Site-Selection

[Section (6)(c)1.a.]

Schedule T-2 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the true-up of carrying charges for the prior year and the previously filed costs.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2016

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Notes:

- 1 (a) For carrying charge purposes monthly equity component reflects a 10.5% return on equity.
2 (b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 35% and a State Income Tax rate of 5.5%, for an effective rate of 38.575%.
3 (c) In calculating the rate of return, the equity component for taxes is grossed up using a monthly rate of 0.00636489 in order to achieve an annual pre-tax rate of 9.39%. A regular monthly debt component of .001225600 is used in the rate calculation.
4 (d) Line 2 (Column A) - Unamortized CWIP Base Eligible for Return consists of the total unrecovered balance beginning in 2016. This amount is reduced by the 2016 amounts recovered (Line 3) and a carrying charge calculated on the resulting unrecovered balance.

	Docket No 140009-EI	Docket No 170009-EI	Docket No 170009-EI
8 Line 2 Beginning Balances includes:	<u>2015 Projections</u>	<u>2015 True ups</u>	<u>2015 Under/(Over) Recovery</u>
9 2015 Site Selection + Carrying Costs (Schedule P-2 / Schedule T-2)	(\$95)	\$158	\$253
10 2015 DTA/DTL Carrying Cost (Schedule P-3A / Schedule T-3A, Line 8)	<u>\$159,241</u>	<u>\$159,930</u>	<u>\$689</u>
	<u>\$159,146</u>	<u>\$160,088</u>	<u>\$942</u>

JGK-1,
Col. B, Line 6,
Dkt No 170009-EI

- 13 (e) Line 3 (Column A) - Amortization of CWIP Base Eligible for Return is the amount that was refunded over 12 months in 2016 as approved by the Commission in Order No. PSC-150521-FOF-EI. Docket No. 150009-EI.

	<u>2015 Under/(Over) Recovery</u>
16 Line 3 Beginning Balance includes:	
17 2015 Site Selection Costs + Carrying Costs (Schedule AE-2, Line 9)	\$253
18 2015 DTA/DTL Carrying Cost (Schedule AE-3A, Line 10)	<u>\$345</u>
	<u>\$598</u>

- 23 (f) Line 2 (Column N) - Ending Balance consists of the 2015 final true-up amount which is being requested for recovery in 2018.

	Docket No 150009-EI	Docket No 170009-EI	Docket No 170009-EI
26 Line 2 Ending Balance includes:	<u>2015 Actual/Estimate</u>	<u>2015 True ups</u>	<u>2015 Final True-up</u>
27 2015 Site Selection Costs + Carrying Costs (Schedule AE-2, Line 6 / Schedule T-2, Line 6)	\$158	\$158	\$0
28 2015 DTA/DTL Carrying Cost (Schedule AE-3A / Schedule T-3A)	<u>\$159,586</u>	<u>\$159,930</u>	<u>\$344</u>
	<u>\$159,744</u>	<u>\$160,088</u>	<u>\$344</u>

- 32 (g) Total recovered in 2016 as approved in Order No PSC-15-0521-FOF-EI in Docket No 150009-EI:

	January	February	March	April	May	June	July	August	September	October	November	December	12 Month
35 2015 (Over)/Under Recovery (Schedule AE-1, Line 8)	\$899	\$901	\$909	\$917	\$925	\$934	(\$748)	(\$766)	(\$796)	(\$827)	(\$859)	(\$891)	\$598
36 2016 Projected Cost / Carrying Cost (Schedule P-2, Line 7)	\$4	\$4	\$4	\$3	\$3	\$2	\$2	\$2	\$1	\$1	\$1	\$0	\$27
37 2016 (Over)/Under Recovery Projections	<u>\$904</u>	<u>\$905</u>	<u>\$913</u>	<u>\$920</u>	<u>\$928</u>	<u>\$936</u>	<u>(\$746)</u>	<u>(\$764)</u>	<u>(\$795)</u>	<u>(\$826)</u>	<u>(\$858)</u>	<u>(\$891)</u>	<u>\$625</u>

- 40 (h) Per Order No. PSC-16-0266-PCO-EI the Commission deferred consideration of FPL's Actual/Estimated 2016 True-up.

42 * Totals may not add due to rounding

Turkey Point Units 6&7
Carrying Costs on Site Selection Cost Balance
True-Up Filing: Deferred Tax Carrying Costs

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the actual deferred tax carrying costs.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2016

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Line No.	(A) Beginning of Period	(B) Actual January	(C) Actual February	(D) Actual March	(E) Actual April	(F) Actual May	(G) Actual June	(H) 6 Month Total
Jurisdictional Dollars								
1		\$0	\$0	\$0	\$0	\$0	\$0	\$0
2		\$0	\$0	\$0	\$0	\$0	\$0	\$0
3		\$0	\$0	\$0	\$0	\$0	\$0	\$0
4		\$4,541,654	\$4,541,654	\$4,541,654	\$4,541,654	\$4,541,654	\$4,541,654	\$4,541,654
5		\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943
6								
6 a.		\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943	
6 b.		\$0	\$1	\$3	\$4	\$5	\$7	\$8
6 c.		\$1,751,943	\$1,751,944	\$1,751,946	\$1,751,947	\$1,751,948	\$1,751,950	
7								
7 a.		\$6,849	\$6,849	\$6,849	\$6,849	\$6,849	\$6,849	\$41,097
7 b.		\$11,151	\$11,151	\$11,151	\$11,151	\$11,151	\$11,151	\$66,906
7 c.		\$2,147	\$2,147	\$2,147	\$2,147	\$2,147	\$2,147	\$12,883
8		\$13,298	\$13,298	\$13,298	\$13,298	\$13,298	\$13,298	\$79,789
9		\$13,297	\$13,297	\$13,297	\$13,297	\$13,297	\$13,297	\$79,781
10		\$1	\$1	\$1	\$1	\$1	\$1	\$8
11		\$0	\$0	\$0	\$0	\$0	\$0	\$0
12		\$1	\$1	\$1	\$1	\$1	\$1	\$8

* Totals may not add due to rounding

See notes on Page 3

Turkey Point Units 6&7
Carrying Costs on Site Selection Cost Balance
True-Up Filing: Deferred Tax Carrying Costs

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the actual deferred tax carrying costs.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2016

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Line No.		(I) Beginning of Period	(J) Actual July	(K) Actual August	(L) Actual September	(M) Actual October	(N) Actual November	(O) Actual December	(P) 12 Month Total
Jurisdictional Dollars									
1	Construction Period Interest		\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Recovered Costs Excluding AFUDC		\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Other Adjustments		\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Tax Basis Less Book Basis (Prior Month Balance + Line 1 + 2 + 3) (d) (e) (f)	\$4,541,654	\$4,541,654	\$4,541,654	\$4,541,654	\$4,541,654	\$4,541,654	\$4,541,654	\$4,541,654
5	Deferred Tax Asset DTA(DTL) on Tax Basis in Excess of Book (Line 4 x Tax Rate) (b)	38.575%	\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943
6	a. Average Accumulated DTA/(DTL)		\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943	\$1,751,943	
	b. Prior months cumulative Return on DTA/(DTL)		\$8	\$10	\$11	\$13	\$14	\$15	\$17
	c. Average DTA including prior period return subtotal		\$1,751,951	\$1,751,953	\$1,751,954	\$1,751,956	\$1,751,957	\$1,751,958	
7	Carrying Cost on DTA/(DTL)								
	a. Equity Component (Line 7b x .61425) (a)		\$6,849	\$6,849	\$6,849	\$6,850	\$6,850	\$6,850	\$82,194
	b. Equity Component grossed up for taxes (Line 6c x 0.00636489) (a) (b) (c)		\$11,151	\$11,151	\$11,151	\$11,151	\$11,151	\$11,151	\$133,812
	c. Debt Component (Line 6c x 0.001225600) (c)		\$2,147	\$2,147	\$2,147	\$2,147	\$2,147	\$2,147	\$25,766
8	Total Return Requirements Carrying Costs on DTA/(DTL) for the Period (Line 7b + 7c)		\$13,298	\$13,298	\$13,298	\$13,298	\$13,298	\$13,298	\$159,578
9	Projected Carrying Cost on DTA/(DTL) for the Period (Order No. PSC-15-0521-FOF-EI)		\$13,297	\$13,297	\$13,297	\$13,297	\$13,297	\$13,297	\$159,561
10	Difference True-up (Over)/Under Recovery (Line 8 - Line 9)		\$1	\$1	\$1	\$1	\$1	\$1	\$17
11	Actual / Estimated Revenue Requirements for the period (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	Final True-up Amount for the Period (Line 10 - Line 11)		\$1	\$1	\$1	\$1	\$1	\$1	\$17

* Totals may not add due to rounding

See notes on Page 3

Turkey Point Units 6&7
Carrying Costs on Site Selection Cost Balance
True-Up Filing: Deferred Tax Carrying Costs

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the actual deferred tax carrying costs.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2016

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Notes:

- 1 (a) For carrying charge purposes monthly equity component reflects a 10.5% return on equity.
- 2 (b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 35% and a State Income Tax rate of 5.5%, for an effective rate of 38.575%.
- 3 (c) In order to gross up the equity component for taxes a monthly rate of 0.00636489 (Equity) and 0.001225600 (Debt), results in the annual pre-tax rate of 9.39%.
- 4 (d) Line 4 - Beginning Balance comes from 2015 T-3A, Line 4 (Column P).
- 5
- 6 (e) The Beginning Balance of T-3A, Line 4 has been revised to reflect the Jurisdictional Separation Factor effective in 2016.
- 7
- 8
- 9

	Docket No 170009-EI 2015 Ending Balance	Tax Deductions at January 2016 Jurisdictional Factor (f)	T-3A Beginning Balance at January 2016 Jurisdictional Factor
15 Line 4, Column (A) Tax Basis Less Book Basis	<u>\$4,540,552</u>	<u>\$1,102</u>	<u>\$4,541,654</u>

- 17 (f) Calculation of 2016 beginning balance of Tax Deductions at the 2016 Jurisdictional Separation Factor.
- 18
- 19

	2006	2007	Total	Difference
20 Tax Deductions included in T-3A, Line 4 balance	(\$336,073)	(\$1,304,002)	(\$1,640,075)	
21 2015 Jurisdictional Factor	0.94630981	0.94630981		
22 Total Jurisdictionalized Tax Deductions	<u>(\$318,029.45)</u>	<u>(\$1,233,989.67)</u>	<u>(\$1,552,019)</u>	
23				
24 Tax Deductions included in T-3A, Line 4 balance	(\$336,073)	(\$1,304,002)	(\$1,640,075)	
25 2016 Jurisdictional Factor	0.94563790	0.94563790		
26 Total revised Jurisdictionalized Tax Deductions	<u>(\$317,804)</u>	<u>(\$1,233,113)</u>	<u>(\$1,550,917)</u>	<u>\$1,102</u>

- 29 (g) Per Order No. PSC-16-0266-PCO-EI the Commission deferred consideration of FPL's Actual/Estimated 2016 True-up.
- 30

31 * Totals may not add due to rounding

Pre-Construction True-up

2016

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Retail Revenue Requirements Summary

[Section (6)(c)1.a.]

Schedule T-1 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual expenditures for the prior year and previously filed expenditures.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2016

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Line No.		(A) Actual January	(B) Actual February	(C) Actual March	(D) Actual April	(E) Actual May	(F) Actual June	(G) 6 Month Total
Jurisdictional Dollars								
1	Pre-Construction Revenue Requirements (Schedule T-2, Line 7)	\$1,327,727	\$1,183,104	\$3,217,347	\$1,573,735	\$1,355,525	\$1,889,575	\$10,547,014
2	Construction Carrying Cost Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA/DTL Carrying Cost (Schedule T-3A, Line 8)	\$580,784	\$582,593	\$587,162	\$580,751	\$571,523	\$574,217	\$3,477,029
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	<u>\$1,908,510</u>	<u>\$1,765,697</u>	<u>\$3,804,509</u>	<u>\$2,154,486</u>	<u>\$1,927,049</u>	<u>\$2,463,792</u>	<u>\$14,024,043</u>
7	Projected Cost and Carrying Cost for the Period (Order No. PSC-15-0521-FOF-EI) (a)	\$1,970,197	\$2,235,612	\$3,407,604	\$3,560,697	\$2,578,177	\$1,396,017	\$15,148,305
8	Final True-up Amount of (Over)/Under Recovery for the Period (Line 6 - Line 7)	<u>(\$61,687)</u>	<u>(\$469,915)</u>	<u>\$396,905</u>	<u>(\$1,406,211)</u>	<u>(\$651,129)</u>	<u>\$1,067,775</u>	<u>(\$1,124,262)</u>
9	Actual / Estimated Revenue Requirements for the period (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Final True-up Amount for the Period (Line 8 - Line 9)	<u>(\$61,687)</u>	<u>(\$469,915)</u>	<u>\$396,905</u>	<u>(\$1,406,211)</u>	<u>(\$651,129)</u>	<u>\$1,067,775</u>	<u>(\$1,124,262)</u>
11	(a) Total recovered in 2016 as approved in Order No PSC-15-0521-FOF-EI in Docket No 150009-EI:							6 Month Total
12	2014 Final True-Up (2013 Schedule T-1, Line 10)	(\$536)	(\$336)	\$441,332	(\$2,173)	\$596,009	\$907,072	\$1,941,369
13	2015 (Over)/Under Recovery (Schedule AE-1, Line 8)	\$348,790	(\$404,426)	(\$1,697,354)	\$1,731,397	(\$160,039)	(\$2,203,274)	(\$2,384,906)
14	2016 Projected Cost / Carrying Cost (Schedule P-2, Line 7)	\$1,036,807	\$2,050,826	\$4,065,223	\$1,225,413	\$1,532,191	\$2,076,988	\$11,987,448
15	2016 Projected DTA/DTL Carrying Cost (Schedule P-3A, Line 8)	\$585,137	\$589,548	\$598,403	\$606,059	\$610,017	\$615,231	\$3,604,394
16	2016 Total (Over)/Under Recovery	<u>\$1,970,197</u>	<u>\$2,235,612</u>	<u>\$3,407,604</u>	<u>\$3,560,697</u>	<u>\$2,578,177</u>	<u>\$1,396,017</u>	<u>\$15,148,305</u>

* Totals may not add due to rounding

See notes on Page 2

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Retail Revenue Requirements Summary

[Section (6)(c)1.a.]

Schedule T-1 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual expenditures for the prior year and previously filed expenditures.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2016

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Line No.		(H) Actual July	(I) Actual August	(J) Actual September	(K) Actual October	(L) Actual November	(M) Actual December	(N) 12 Month Total
Jurisdictional Dollars								
1	Pre-Construction Revenue Requirements (Schedule T-2, Line 7)	\$1,401,970	\$2,099,575	\$1,485,291	\$1,365,391	\$1,101,303	\$3,109,417	\$21,109,961
2	Construction Carrying Cost Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA/DTL Carrying Cost (Schedule T-3A, Line 8)	\$576,978	\$580,033	\$583,221	\$585,352	\$586,925	\$591,052	\$6,980,591
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	<u>\$1,978,948</u>	<u>\$2,679,608</u>	<u>\$2,068,513</u>	<u>\$1,950,743</u>	<u>\$1,688,229</u>	<u>\$3,700,469</u>	<u>\$28,090,552</u>
7	Projected Cost and Carrying Cost for the Period (Order No. PSC-15-0521-FOF-EI) (a)	\$1,767,798	\$3,966,153	\$2,525,157	\$1,557,685	\$1,598,339	\$7,525,913	\$34,089,349
8	Actual (Over)/Under Recovery for the Period (Line 6 - Line 7)	<u>\$211,150</u>	<u>(\$1,286,544)</u>	<u>(\$456,644)</u>	<u>\$393,058</u>	<u>\$89,890</u>	<u>(\$3,825,445)</u>	<u>(\$5,998,797)</u>
9	Actual / Estimated Revenue Requirements for the period (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Final True-up Amount for the Period (Line 8 - Line 9)	<u>\$211,150</u>	<u>(\$1,286,544)</u>	<u>(\$456,644)</u>	<u>\$393,058</u>	<u>\$89,890</u>	<u>(\$3,825,445)</u>	<u>(\$5,998,797)</u>
11	(a) Total recovered in 2016 as approved in Order No PSC-15-0521-FOF-EI in Docket No 150009-EI:							12 Month
12	2014 Final True-Up (2013 Schedule T-1, Line 10)	July (\$993,876)	August (\$110,049)	September \$437,551	October \$640,787	November \$27,441	December (\$2,634,734)	Total (\$691,512)
13	2015 (Over)/Under Recovery (Schedule AE-1, Line 8)	\$1,198,119	\$2,474,935	(\$410,277)	(\$578,599)	\$61,034	\$5,740,725	\$6,101,031
14	2016 Projected Cost / Carrying Cost (Schedule P-2, Line 7)	\$943,961	\$978,906	\$1,871,390	\$865,027	\$876,864	\$3,780,114	\$21,303,710
15	2016 Projected DTA/DTL Carrying Cost (Schedule P-3A, Line 8)	\$619,594	\$622,360	\$626,493	\$630,470	\$633,000	\$639,809	\$7,376,121
16	2016 Total (Over)/Under Recovery	<u>\$1,767,798</u>	<u>\$3,966,153</u>	<u>\$2,525,157</u>	<u>\$1,557,685</u>	<u>\$1,598,339</u>	<u>\$7,525,913</u>	<u>\$34,089,349</u>
17	(b) Per Order No. PSC-16-0266-PCO-EI the Commission deferred consideration of FPL's Actual/Estimated 2016 True-up.							

* Totals may not add due to rounding

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Pre-Construction

[Section (6)(c)1.a.]

Schedule T-2 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the actual true-up of pre-construction costs based on actual expenditures for the prior year and the previously filed expenditures.

For the Year Ended 12/31/2016
 Witness: Jennifer Grant-Keene

Line No.	(A) Beginning of Period	(B) Actual January	(C) Actual February	(D) Actual March	(E) Actual April	(F) Actual May	(G) Actual June	(H) 6 Month Total
Jurisdictional Dollars								
1 a. Nuclear CWIP Additions (Schedule T-6 Line 36)		\$847,501	\$706,518	\$2,746,157	\$1,106,175	\$895,079	\$1,440,116	\$7,741,545
b. Prior Month's (Over)/Under Recovery Eligible for Return (Prior Month's Line 1b + Prior Month's Line 9)		\$0	(\$57,334)	(\$520,294)	(\$112,148)	(\$1,493,051)	(\$2,105,686)	(\$996,897)
2 Unamortized CWIP Base Eligible for Return (d)	\$4,102,962	\$3,652,169	\$3,201,375	\$2,750,582	\$2,299,789	\$1,848,996	\$1,398,203	
3 Amortization of CWIP Base Eligible for Return (e)	\$5,409,518	\$450,793	\$450,793	\$450,793	\$450,793	\$450,793	\$450,793	\$2,704,759
4 Average Net Unamortized CWIP Base Eligible for Return		\$3,877,565	\$3,398,105	\$2,687,165	\$2,208,964	\$1,271,793	(\$175,769)	
5 Return on Average Net Unamortized CWIP Eligible for Return								
a. Equity Component (Line 5b x .61425) (a)		\$15,160	\$13,285	\$10,506	\$8,636	\$4,972	(\$687)	\$51,872
b. Equity Component grossed up for taxes (Line 4 x 0.00636489) (a) (b) (c)		\$24,680	\$21,629	\$17,104	\$14,060	\$8,095	(\$1,119)	\$84,448
c. Debt Component (Line 4 x 0.001225600) (c)		\$4,752	\$4,165	\$3,293	\$2,707	\$1,559	(\$215)	\$16,261
6 Total Return Requirements for the Period (Line 5b + 5c)	\$0	\$29,433	\$25,793	\$20,397	\$16,767	\$9,654	(\$1,334)	\$100,709
7 Total Costs, Carrying Costs & Amortization for the Period (Line 1a + 3 + 6)		\$1,327,727	\$1,183,104	\$3,217,347	\$1,573,735	\$1,355,525	\$1,889,575	\$10,547,014
8 Projected Carrying Costs for the period (Order No. PSC-15-0521-FOF-EI) (g)		\$1,385,060	\$1,646,065	\$2,809,201	\$2,954,638	\$1,968,161	\$780,786	\$11,543,911
9 (Over) / Under Recovery (True-up to Projections) (Line 7 - Line 8)		(\$57,334)	(\$462,961)	\$408,146	(\$1,380,902)	(\$612,635)	\$1,108,789	(\$996,897)
10 Adjustments		\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 (Over)/Under Recovery eligible for return		(\$57,334)	(\$462,961)	\$408,146	(\$1,380,902)	(\$612,635)	\$1,108,789	(\$996,897)
12 Actual / Estimated Revenue Requirements for the period (h)		\$0	\$0	\$0	\$0	\$0	\$0	\$0
13 Final True-up for the Period (Line 11 - Line 12)		(\$57,334)	(\$462,961)	\$408,146	(\$1,380,902)	(\$612,635)	\$1,108,789	(\$996,897)

* Totals may not add due to rounding

See notes on Page 3

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Pre-Construction

[Section (6)(c)1.a.]

Schedule T-2 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the actual true-up of pre-construction costs based on actual expenditures for the prior year and the previously filed expenditures.

For the Year Ended 12/31/2016
 Witness: Jennifer Grant-Keene

Line No.	(I) Actual July	(J) Actual August	(K) Actual September	(L) Actual October	(M) Actual November	(N) Actual December	(O) 12 Month Total
Jurisdictional Dollars							
1 a. Nuclear CWIP Additions (Schedule T-6 Line 36)	\$954,050	\$1,649,905	\$1,042,802	\$932,614	\$671,855	\$2,681,211	\$15,673,982
b. Prior Month's (Over)/Under Recovery Eligible for Return (Prior Month's Line 1b + Prior Month's Line 9)	(\$996,897)	(\$743,130)	(\$1,987,348)	(\$2,400,720)	(\$1,962,544)	(\$1,826,580)	(\$5,603,267)
2 Unamortized CWIP Base Eligible for Return (f)	\$947,409	\$496,616	\$45,823	(\$404,970)	(\$855,763)	(\$1,306,557)	
3 Amortization of CWIP Base Eligible for Return	\$450,793	\$450,793	\$450,793	\$450,793	\$450,793	\$450,793	\$5,409,518
4 Average Net Unamortized CWIP Base Eligible for Return	(\$378,485)	(\$148,000)	(\$1,094,019)	(\$2,373,607)	(\$2,811,999)	(\$2,975,722)	
5 Return on Average Net Unamortized CWIP Eligible for Return							
a. Equity Component (Line 5b x .61425) (a)	(\$1,480)	(\$579)	(\$4,277)	(\$9,280)	(\$10,994)	(\$11,634)	\$13,629
b. Equity Component grossed up for taxes (Line 4 x 0.00636489) (a) (b) (c)	(\$2,409)	(\$942)	(\$6,963)	(\$15,108)	(\$17,898)	(\$18,940)	\$22,188
c. Debt Component (Line 4 x 0.001225600) (c)	(\$464)	(\$181)	(\$1,341)	(\$2,909)	(\$3,446)	(\$3,647)	\$4,272
6 Total Return Requirements for the Period (Line 5b + 5c)	<u>(\$2,873)</u>	<u>(\$1,123)</u>	<u>(\$8,304)</u>	<u>(\$18,017)</u>	<u>(\$21,344)</u>	<u>(\$22,587)</u>	<u>\$26,460</u>
7 Total Costs, Carrying Costs & Amortization for the Period (Line 1a + 3 + 6)	<u>\$1,401,970</u>	<u>\$2,099,575</u>	<u>\$1,485,291</u>	<u>\$1,365,391</u>	<u>\$1,101,303</u>	<u>\$3,109,417</u>	<u>\$21,109,961</u>
8 Projected Carrying Costs for the period (Order No. PSC-15-0521-FOF-EI) (g)	\$1,148,203	\$3,343,793	\$1,898,664	\$927,215	\$965,339	\$6,886,104	\$26,713,228
9 (Over) / Under Recovery (True-up to Projections) (Line 7 - Line 8)	<u>\$253,767</u>	<u>(\$1,244,218)</u>	<u>(\$413,372)</u>	<u>\$438,176</u>	<u>\$135,965</u>	<u>(\$3,776,687)</u>	<u>(\$5,603,267)</u>
10 Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11 (Over)/Under Recovery eligible for return	<u>\$253,767</u>	<u>(\$1,244,218)</u>	<u>(\$413,372)</u>	<u>\$438,176</u>	<u>\$135,965</u>	<u>(\$3,776,687)</u>	<u>(\$5,603,267)</u>
12 Actual / Estimated Revenue Requirements for the period (h)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13 Final True-up for the Period (Line 11 - Line 12)	<u>\$253,767</u>	<u>(\$1,244,218)</u>	<u>(\$413,372)</u>	<u>\$438,176</u>	<u>\$135,965</u>	<u>(\$3,776,687)</u>	<u>(\$5,603,267)</u>

* Totals may not add due to rounding

See notes on Page 3

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Pre-Construction

[Section (6)(c)1.a.]

Schedule T-2 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the actual true-up of pre-construction costs based on actual expenditures for the prior year and the previously filed expenditures.

For the Year Ended 12/31/2016
 Witness: Jennifer Grant-Keene

Notes:

- 1 (a) For carrying charge purposes the monthly equity component reflects a 10.5% return on equity.
 2 (b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 35% and a State Income Tax rate of 5.5%, for an effective rate of 38.575%.
 3 (c) In order to gross up the equity component for taxes a monthly rate of 0.00636489 (Equity) and 0.001225600 (Debt), results in the annual pre-tax rate of 9.39%.
 4 (d) Line 2 (Column A) - Unamortized CWIP Base Eligible for Return consists of the total over recovered balance beginning in 2016. This amount is reduced by the 2016 amounts refunded (Line 3) and a carrying charge calculated on the unrefunded balance.

	Docket No	Docket No	Docket No		Docket No 170009-EI
	140009-EI	170009-EI	170009-EI		2014/2015
Line 2 Beginning Balances includes:	2015 Projections	2014 True Ups	2015 True ups		Over Recovery
2014 Over/Under Recovery (2015 Schedule T-2, Line 2 Ending Balance)	\$0	(\$691,513)	\$0		(\$691,513)
2015 Pre-construction Costs + Carrying Costs (Schedule P-2 Line 7 / T-2 Line 1 + 6)	\$12,571,584	\$0	\$17,252,385	JGK-1,	\$4,680,801
2015 DTA/DTL Carrying Cost (Schedule P-3A Line 8 / T-3A Line 8)	\$6,612,164	\$0	\$6,725,838	Col. B, Line 13, Dkt	\$113,674
	<u>\$19,183,748</u>	<u>(\$691,513)</u>	<u>\$23,978,223</u>	No 170009-EI	<u>\$4,102,962</u>

- 14 (e) Line 3 (Column A) - Amortization of CWIP Base Eligible for Return is the amount that was refunded over 12 months in 2016 as approved by the Commission in Order No. PSC-15-0617-FOF-EI. Docket No. 150009-EI, Exhibit JGK-3.

	<u>2014 Final True-Up/2015 A/E (Over)/Under Recovery</u>	
Line 3 Beginning Balance includes:		
2014 Over Recovery of Carrying Costs (Schedule T-2, Line 13)		(\$749,092)
2014 Under Recovery of Carrying Costs on DTA/DTL (Schedule T-3A, Line 12)		\$57,580
2015 Under Recovery of Costs & Carrying Cost (Schedule AE-2, Line 9)	\$6,003,862.09	
2015 Over Recovery of Carrying Costs on DTA/DTL (Schedule AE-3A, Line 10)	\$97,168.46	
	<u>\$5,409,518</u>	<u>(\$691,512) JGK-3, Column 3, Line 20, Dkt No 150009-EI</u>

- 26 (f) Line 2 (Column N) - Ending Balance consists of the 2015 final true-up amount which is expected to be recovered in 2018.

	Docket No 150009-EI	Docket No 170009-EI	Docket No 170009-EI
Line 2 Ending Balance includes:	2015 Actual/Estimate	2015 True ups	2015 Final True-up
2015 Pre-construction Costs + Carrying Costs (Schedule AE-2 Line 1 + 6 / T-2 Line 1 + 6)	\$18,575,446	\$17,252,385	(\$1,323,061)
2015 DTA/DTL Carrying Cost (Schedule AE-3A, Line 8 / T-3A, Line 8)	\$6,709,332	\$6,725,838	\$16,506
	<u>\$25,284,778</u>	<u>\$23,978,223</u>	<u>(\$1,306,555)</u>

- 35 (g) Total being recovered in 2016 as approved in Order No PSC-15-0521-FOF-EI in Docket No 150009-EI:

	January	February	March	April	May	June	July	August	September	October	November	December	12 Month
2014 Final True-Up (2013 Schedule T-1, Line 10)	(\$536)	(\$336)	\$441,332	(\$2,173)	\$596,009	\$907,072	(\$993,876)	(\$110,049)	\$437,551	\$640,787	\$27,441	(\$2,634,734)	(\$691,512)
2015 (Over)/Under Recovery (Schedule AE-1, Line 8)	\$348,790	(\$404,426)	(\$1,697,354)	\$1,731,397	(\$160,039)	(\$2,203,274)	\$1,198,119	\$2,474,935	(\$410,277)	(\$578,599)	\$61,034	\$5,740,725	\$6,101,031
2016 Projected Cost / Carrying Cost (Schedule P-2, Line 7)	\$1,036,807	\$2,050,826	\$4,065,223	\$1,225,413	\$1,532,191	\$2,076,988	\$943,961	\$978,906	\$1,871,390	\$865,027	\$876,864	\$3,780,114	\$21,303,710
2016 (Over)/Under Recovery (Schedule P-2)	<u>\$1,385,060</u>	<u>\$1,646,065</u>	<u>\$2,809,201</u>	<u>\$2,954,638</u>	<u>\$1,968,161</u>	<u>\$780,786</u>	<u>\$1,148,203</u>	<u>\$3,343,793</u>	<u>\$1,898,664</u>	<u>\$927,215</u>	<u>\$965,339</u>	<u>\$6,886,104</u>	<u>\$26,713,228</u>

- 43 (h) Per Order No. PSC-16-0266-PCO-EI the Commission deferred consideration of FPL's Actual/Estimated 2016 True-up.

45 * Totals may not add due to rounding

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Deferred Tax Carrying Costs

[Section (6)(c)1.a.]

Schedule T-3A (True-up)

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the actual deferred tax carrying costs.

For the Year Ended 12/31/2016
 Witness: Jennifer Grant-Keene

Line No.	(A) Beginning of Period	(B) Actual January	(C) Actual February	(D) Actual March	(E) Actual April	(F) Actual May	(G) Actual June	(H) 6 Month Total
	Jurisdictional Dollars							
1	Construction Period Interest	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Recovered Costs Excluding AFUDC (Schedule T-2, Line 1a + Line 10)	\$847,501	\$706,518	2,746,157	\$1,106,175	\$895,079	\$1,440,116	\$7,741,545
3	Other Adjustments (e)	(\$147,883)	(\$147,883)	(147,883)	(\$8,025,037)	(\$147,883)	(\$147,883)	(\$8,764,450)
4	Tax Basis Less Book Basis (Prior Month Balance + Line 1 + 2 + 3) (f) (g)	<u>\$198,003,115</u>	<u>\$198,702,733</u>	<u>\$199,261,368</u>	<u>201,859,642</u>	<u>\$194,940,781</u>	<u>\$196,980,210</u>	<u>\$196,980,210</u>
5	Deferred Tax Asset/(Liability) DTA/(DTL) on Tax Basis in Excess of Book (Line 4 x Tax Rate) (b)	38.575% \$76,379,701	\$76,649,579	\$76,865,073	77,867,357	\$75,198,406	\$75,486,637	\$75,985,116
6	a. Average Accumulated DTA/(DTL)		\$76,514,640	\$76,757,326	77,366,215	\$76,532,882	\$75,342,522	\$75,735,877
	b. Prior months cumulative Return on DTA/(DTL) (d)	\$0	\$0	(\$4,353)	(11,308)	(\$22,549)	(\$47,857)	(\$86,351)
	c. Average DTA/(DTL) including prior period return subtotal (Line 6a + 6b)		\$76,514,640	\$76,752,973	77,354,907	\$76,510,332	\$75,294,664	\$75,649,526
7	Carrying Cost on DTA/(DTL)							
	a. Equity Component (Line 7b x .61425) (a) (b)		\$299,144	\$300,076	\$302,429	\$299,127	\$294,375	\$295,762
	b. Equity Component grossed up for taxes (Line 6c x 0.00636489) (a) (b) (c)	\$0	\$487,007	\$488,524	\$492,355	\$486,980	\$479,242	\$481,501
	c. Debt Component (Line 6c x 0.001225600) (c)		\$93,776	\$94,068	\$94,806	\$93,771	\$92,281	\$92,716
8	Total Return Requirements Carrying Costs on DTA/(DTL) for the Period (Line 7b + 7c)		<u>\$580,784</u>	<u>\$582,593</u>	<u>\$587,162</u>	<u>\$580,751</u>	<u>\$571,523</u>	<u>\$574,217</u>
9	Projected Carrying Cost on DTA/(DTL) for the Period (Order No. PSC-15-0521-FOF-EI)		\$585,137	\$589,548	\$598,403	\$606,059	\$610,017	\$615,231
10	Difference True-up to Projection (Over)/Under Recovery (Line 8 - Line 9)		<u>(\$4,353)</u>	<u>(\$6,955)</u>	<u>(11,241)</u>	<u>(\$25,308)</u>	<u>(\$38,493)</u>	<u>(\$41,014)</u>
11	Actual / Estimated Revenue Requirements for the period (h)		\$0	\$0	\$0	\$0	\$0	\$0
12	Final True-up for the Period (Line 10 - Line 11)		<u>(\$4,353)</u>	<u>(\$6,955)</u>	<u>(\$11,241)</u>	<u>(\$25,308)</u>	<u>(\$38,493)</u>	<u>(\$41,014)</u>

* Totals may not add due to rounding

See notes on Page 3

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Deferred Tax Carrying Costs

[Section (6)(c)1.a.]

Schedule T-3A (True-up)

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 170009-EI

EXPLANATION: Provide the calculation of the actual deferred tax carrying costs.

For the Year Ended 12/31/2016
 Witness: Jennifer Grant-Keene

Line No.	(I) Beginning of Period	(J) Actual July	(K) Actual August	(L) Actual September	(M) Actual October	(N) Actual November	(O) Actual December	(P) 12 Month Total
	Jurisdictional Dollars							
1		\$0	\$0	\$0	\$0	\$0	\$0	\$0
2		\$954,050	\$1,649,905	\$1,042,802	\$932,614	\$671,855	\$2,681,211	\$15,673,982
3		(\$147,883)	(\$147,883)	(\$147,883)	(\$147,883)	(\$147,883)	(\$147,883)	(\$9,651,746)
4		<u>\$196,980,210</u>	<u>\$197,786,377</u>	<u>\$199,288,400</u>	<u>\$200,183,319</u>	<u>\$200,968,051</u>	<u>\$201,492,023</u>	<u>\$204,025,351</u>
5		<u>38.575% \$75,985,116</u>	<u>\$76,296,095</u>	<u>\$76,875,500</u>	<u>\$77,220,715</u>	<u>\$77,523,426</u>	<u>\$77,725,548</u>	<u>\$78,702,779</u>
6	a. Average Accumulated DTA/(DTL)	\$76,140,606	\$76,585,798	\$77,048,108	\$77,372,070	\$77,624,487	\$78,214,163	
	b. Prior months cumulative Return on DTA/(DTL) (d)	(\$127,365)	(\$169,982)	(\$212,308)	(\$255,580)	(\$300,697)	(\$346,772)	(\$395,530)
	c. Average DTA/(DTL) including prior period return subtotal (Line 6a + 6b)	\$76,013,241	\$76,415,816	\$76,835,800	\$77,116,491	\$77,323,789	\$77,867,391	
7	Carrying Cost on DTA/(DTL)							
	a. Equity Component (Line 7b x .61425) (a) (b)	\$297,184	\$298,758	\$300,400	\$301,497	\$302,308	\$304,433	\$3,595,493
	b. Equity Component grossed up for taxes (Line 6c x 0.00636489) (a) (b) (c)	\$483,816	\$486,378	\$489,051	\$490,838	\$492,157	\$495,617	\$5,853,468
	c. Debt Component (Line 6c x 0.001225600) (c)	\$93,162	\$93,655	\$94,170	\$94,514	\$94,768	\$95,434	\$1,127,123
8	Total Return Requirements Carrying Costs on DTA/(DTL) for the Period (Line 7b + 7c)	<u>\$576,978</u>	<u>\$580,033</u>	<u>\$583,221</u>	<u>\$585,352</u>	<u>\$586,925</u>	<u>\$591,052</u>	<u>\$6,980,591</u>
9	Projected Carrying Cost on DTA/(DTL) for the Period (Order No. PSC-15-0521-FOF-EI)	\$619,594	\$622,360	\$626,493	\$630,470	\$633,000	\$639,809	\$7,376,121
10	Difference True-up to Projection (Over)/Under Recovery (Line 8 - Line 9)	<u>(\$42,617)</u>	<u>(\$42,326)</u>	<u>(\$43,272)</u>	<u>(\$45,118)</u>	<u>(\$46,075)</u>	<u>(\$48,757)</u>	<u>(\$395,530)</u>
11	Actual / Estimated Revenue Requirements for the period (h)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	Final True-up for the Period (Line 10 - Line 11)	<u>(\$42,617)</u>	<u>(\$42,326)</u>	<u>(\$43,272)</u>	<u>(\$45,118)</u>	<u>(\$46,075)</u>	<u>(\$48,757)</u>	<u>(\$395,530)</u>

* Totals may not add due to rounding

See notes on Page 3

Page 2 of 3

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Deferred Tax Carrying Costs

[Section (6)(c)1.a.]

Schedule T-3A (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the actual deferred tax carrying costs.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2016

DOCKET NO.: 170009-EI

Witness: Jennifer Grant-Keene

Notes:

- 1 (a) For carrying cost purposes monthly equity component reflects a 10.5% return on equity.
2 (b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 35% and a State Income Tax rate of 5.5%, for an effective rate of 38.575%.
3 (c) In order to gross up the equity component for taxes a monthly rate of 0.00636489 (Equity) and 0.001225600 (Debt) results in the annual pre-tax rate of 9.39%.
4 (d) Line 6b - Beginning Balance on Prior months cumulative Return on DTA(DTL) is not shown on T-3A, because it is included on Schedule T-2 footnote (d), Page 3 of 3 Line 11.
5 (e) Line 3 - Other Adjustments represents Estimated 2016 deductions under IRS Regulations Section, Internal Payroll (Reg. Sec. 1.263(a)-4). These deductions have been applied ratably over the 12 months in 2016. Since FPL has not filed its
6 2016 tax return at the time of this filing, deductions taken on the 2016 tax return will be true'd up in the 2017 T-3A Schedule filed on March 1, 2018. Included in Other Adjustments in the month of April is the transfer of the tax basis of an
7 asset of \$7,877,154 out of the project, which solely affects the DTA.

Tax Deduction Description	FPL System Qualifying Expenditures	System Deductions Attributed to Qualifying Expenditures	Jurisdictional Separation Factor	Jurisdictional Deductions	Monthly Amortization	Asset Reclass	Total Other Adjustments Line 3
Estimated 2016 Internal Payroll	(\$1,876,608)	(\$1,876,608)	0.94563790	(\$1,774,592)	(\$147,883)	(\$7,877,154)	(\$9,651,746)

- (f) The Beginning Balance of Schedule T-3A, Line 4 has been revised to reflect the Jurisdictional Separation Factor effective in 2016 for other adjustments (Line 4).

	Docket No 170009-EI 2015 Ending Balance	Tax Deductions at January 2016 Jurisdictional Factor (g)	T-3A Beginning Balance at January 2016 Jurisdictional Factor
Line 4 (Column A) Tax Basis Less Book Basis	\$197,984,056	\$19,059	\$198,003,115

- (g) Calculation of 2016 beginning balance of Tax Deductions at the 2016 Jurisdictional Separation Factor.

	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total	Difference
Tax Deductions included in Schedule T-3A, Line 4 balance	(\$256,524)	(\$3,277,789)	(\$5,536,849)	(\$3,538,559)	\$0	\$0	\$0	(\$2,353,091)	(\$1,876,608)	(\$16,839,420)	
Tax Deductions from prior years not included in Schedule T-3A	(\$1,640,075)	\$0	\$0	(\$275,000)	(\$3,787,562)	(\$3,118,389)	(\$2,704,494)	\$0	\$0	(\$11,525,520)	
Total Tax Deductions	(\$1,896,599)	(\$3,277,789)	(\$5,536,849)	(\$3,813,559)	(\$3,787,562)	(\$3,118,389)	(\$2,704,494)	(\$2,353,091)	(\$1,876,608)	(\$28,364,940)	
2015 Jurisdictional Factor	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	0.94630981	
Total Jurisdictionalized Tax Deductions	(\$1,794,770)	(\$3,101,804)	(\$5,239,574)	(\$3,608,808)	(\$3,584,207)	(\$2,950,962)	(\$2,559,289)	(\$2,226,753)	(\$1,775,853)	(\$26,842,021)	
Tax Deductions included in Schedule T-3A, Line 4 balance	(\$256,524)	(\$3,277,789)	(\$5,536,849)	(\$3,538,559)	\$0	\$0	\$0	(\$2,353,091)	(\$1,876,608)	(\$16,839,420)	
Tax Deductions from prior years not included in Schedule T-3A	(\$1,640,075)	\$0	\$0	(\$275,000)	(\$3,787,562)	(\$3,118,389)	(\$2,704,494)	\$0	\$0	(\$11,525,520)	
Total Tax Deductions	(\$1,896,599)	(\$3,277,789)	(\$5,536,849)	(\$3,813,559)	(\$3,787,562)	(\$3,118,389)	(\$2,704,494)	(\$2,353,091)	(\$1,876,608)	(\$28,364,940)	
2016 Jurisdictional Factor	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	
Total revised Jurisdictionalized Tax Deductions	(\$1,793,496)	(\$3,099,602)	(\$5,235,854)	(\$3,606,246)	(\$3,581,662)	(\$2,948,867)	(\$2,557,472)	(\$2,225,172)	(\$1,774,592)	(\$26,822,963)	\$19,059

- (h) Line 11, Per Order No. PSC-16-0266-PCO-EI the Commission deferred consideration of FPL's Actual/Estimated 2016 true-up.

*Totals may not add due to rounding

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance (a)
True-up Filing: Monthly Expenditures

[Section (6)(c)1.a.]

Schedule T-6 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 170009-EI

EXPLANATION: Provide the actual monthly expenditures by major tasks performed within Pre-Construction categories.

For the Year Ended 12/31/2016

Witness: Jennifer Grant-Keene and Steven D. Scroggs

Line No.	Description	(A) Actual January	(B) Actual February	(C) Actual March	(D) Actual April	(E) Actual May	(F) Actual June	(G) Actual July	(H) Actual August	(I) Actual September	(J) Actual October	(K) Actual November	(L) Actual December	(M) 12 Month Total
1	Pre-Construction:													
2	<u>Generation:</u>													
3	Licensing	\$853,190	\$704,489	\$1,406,944	\$1,126,186	924,773	\$1,504,005	\$994,500	\$1,373,412	\$1,083,915	\$967,015	\$1,501,425	\$1,616,701	\$14,056,556
4	Permitting	\$17,176	\$17,107	\$17,128	\$19,250	\$21,761	\$18,849	\$14,396	\$21,341	\$18,835	\$19,212	\$17,303	\$18,645	\$221,004
5	Engineering and Design	\$25,855	\$25,537	\$1,479,954	\$24,329	\$0	\$51	\$0	\$350,000	\$0	\$0	\$0	\$1,200,000	\$3,105,727
6	Long lead procurement advanced payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Initial Assessment (b)	\$200,491	\$166,307	\$293,631	\$82,458	\$83,626	(\$12,054)	(\$4,658)	\$0	\$0	\$0	\$0	\$0	\$809,801
8	Power Block Engineering and Procurement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Total Jurisdictional Generation Costs	\$1,096,713	\$913,440	\$3,197,657	\$1,252,224	\$1,030,161	\$1,510,850	\$1,004,238	\$1,744,754	\$1,102,750	\$986,228	\$1,518,729	\$2,835,346	\$18,193,088
10	<u>Adjustments</u>													
11	Non-Cash Accruals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	Other Adjustments (d)	(\$200,491)	(\$166,307)	(\$293,631)	(\$82,458)	(\$83,626)	\$12,054	\$4,658	\$0	\$0	\$0	(\$808,251)	\$0	(\$1,618,052)
13	Total Adjustments	\$896,221	\$747,134	\$2,904,026	\$1,169,766	\$946,534	\$1,522,904	\$1,008,896	\$1,744,754	\$1,102,750	\$986,228	\$710,478	\$2,835,346	\$16,575,036
14	Jurisdictional Factor (c)	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903	0.945637903
15	Total Jurisdictional Adjustments	\$847,501	\$706,518	\$2,746,157	\$1,106,175	\$895,079	\$1,440,116	\$954,050	\$1,649,905	\$1,042,802	\$932,614	\$671,855	\$2,681,211	\$15,673,982
16														
17	<u>Transmission:</u>													
18	Line Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Substation Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	Clearing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	Total Transmission Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	Jurisdictional Factor	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231
24	Total Jurisdictional Transmission Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	<u>Adjustments</u>													
26	Non-Cash Accruals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	Total Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29	Jurisdictional Factor	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231	0.89377231
30	Total Jurisdictional Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
31														
32	Total Jurisdictional Transmission Costs Net of Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33														
34	Total Jurisdictional Pre-Construction Costs Net of Adjustments	\$847,501	\$706,518	\$2,746,157	\$1,106,175	\$895,079	\$1,440,116	\$954,050	\$1,649,905	\$1,042,802	\$932,614	\$671,855	\$2,681,211	\$15,673,982

*Totals may not add due to rounding

Notes:

- (a) Effective with the filing of FPL's need petition on October 16, 2007, Pre-Construction began.
- (b) Reflected on Line 7 are total company Initial Assessment costs, excluding AFUDC. Accrued AFUDC in 2016 on project to date Initial Assessment costs is \$200,841. Both Initial Assessment costs and AFUDC are currently deferred for future recovery consistent with Order No. PSC-15-0521-FOF-EI.
- (c) FPL's jurisdictional separation factor based on the January 2016 Earnings Surveillance Report filed with the FPSC.
- (d) Project costs incurred of \$ 808,251 are related to a land easement transaction/exchange, which is treated as a future use asset, in accordance with FPL Accounting Policy. Therefore, these costs are reclassified to FERC Account 105, Property Held for Future Use until the project is within a year of going into service.

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Monthly Expenditure Descriptions

[Section (6)(c)1.a.]
[Section (9)(d)]

Schedule T-6A (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a description of the major tasks performed within Pre-Construction.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2016

DOCKET NO.: 170009-EI

Witness: Steven D. Scroggs

Line No.	Major Task	Description - Includes, but is not limited to:
1	<u>Pre-Construction period:</u>	
2	Generation:	
3	1 License Application	
4	a.	Processing of Nuclear Regulatory Commission Combined License submittal
5	b.	Processing of Florida Department of Environmental Protection Site Certification Application
6	c.	Transmission facilities studies, stability analysis, Florida Reliability Coordinating Council studies
7	d.	Studies required as Conditions of Approval for local zoning
8	2 Permitting	
9	a.	Communications outreach
10	b.	Legal and application fees
11	3 Engineering and Design	
12	a.	Site specific civil, mechanical and structural requirements to support design
13	b.	Water supply design
14	c.	Construction logistical and support planning
15	4 Long lead procurement advanced payments	
16	5 Power Block Engineering and Procurement	
17	6 Initial Assessment	
18		
19	Transmission:	
20	1 Line / Substation Engineering	
21	a.	Transmission interconnection design
22	b.	Transmission integration design

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Variance Explanations

[Section (9)(d)]

Schedule T-6B (True-up)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide annual variance explanations comparing the actual expenditures to the most recent estimates filed with the Commission.

COMPANY: FLORIDA POWER & LIGHT COMPANY

For the Year Ended 12/31/2016

DOCKET NO.: 170009-EI

Witness: Steven D. Scroggs

Line No.	(A) Total Actual	(B) Total Projected	(C) Total Variance	(D) Explanation	
1	<u>Pre-Construction:</u>				
2	<u>Generation:</u>				
3					
4	Licensing	\$14,056,556	\$17,047,175	(\$2,990,619)	Variance primarily due to unused contingency and the NAMS software license cost lower than forecasted.
5					
6					
7	Permitting	\$221,004	\$520,642	(\$299,638)	Variance primarily due to unused contingency and a reduction in Project Development and Legal support.
8					
9					
10	Engineering and Design	\$3,105,727	\$4,684,208	(\$1,578,481)	Variance primarily due to unused contingency and APOG costs lower than budgeted.
11					
12	Long lead procurement advanced payments	\$0	\$0	\$0	
13					
14					
15	Power Block Engineering and Procurement	\$0	\$0	\$0	
16					
17					
18	Initial Assessment	\$809,801	\$3,157,895	(\$2,348,094)	Variance primarily due to Category B/C Initial Assessments cost lower than forecasted and Category D Initial Assessments deferred.
19					
20					
21					
22	Total Generation Costs	<u>\$18,193,088</u>	<u>\$25,409,920</u>	<u>(\$7,216,831)</u>	
23					
24					
25					
26	<u>Transmission:</u>				
27	Line Engineering	\$0	\$0	\$0	
28	Substation Engineering	\$0	\$0	\$0	
29	Clearing	\$0	\$0	\$0	
30	Other	\$0	\$0	\$0	
31	Total Transmission Costs	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	
32					
33					
34	<u>Construction:</u>				
35	N/A - At this stage, construction has not commenced				

* Totals may not add due to rounding

Turkey Point 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Contracts Executed

Schedule T-7A

[Section (9)(c)]

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For all executed contracts exceeding \$250,000, (including change orders), provide the contract number or identifier, status, original and current contract terms, original amount, amount expended as of the end of the prior year, amount expended in the current year, estimated final contract amount, name of contractor and affiliations if any, method of selection including identification of justification documents, and description of work.

COMPANY: Florida Power & Light Company

For the Year Ended 12/31/2016

DOCKET NO.: 170009-EI

Witness: Steven D. Scroggs

CONFIDENTIAL CONFIDENTIAL CONFIDENTIAL CONFIDENTIAL

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	
Line No.	Contract No.	Status of Contract	Original Term of Contract	Current Term of Contract	Original Amount	Actual Expended as of Prior Year End (2015)	Actual amount expended in Current Year (2016)	Estimate of Final Contract Amount	Name of Contractor (and Affiliation if any)	Method of Selection and Document ID	Work Description
1	2000115705	Open - CO#3	10/2013 - 08/2015	10/2013 - 9/2017					AMEC E&I	SSJ	PTN 6&7 RFI Response Review/FSAR 2.5.4
2	2000211480	Open	11/2007 - 12/2011	11/2007 - 07/2017					Bechtel Power Co.	Comp Bid/SSJ/ PDS	PTN 6&7 COLA and SCA Preparation and Support. Due to internal system changes this Purchase Order 2000211480 is issued as a continuation and replacement of PO 4500395492
3	4500518167	Closed	07/2009 - 12/2009	07/2009 - 06/2015					Environmental Consulting and Technology Inc.	SSJ/PDS	PTN 6&7 Post SCA Submittal Support.
4	4500430034	Open - CO#4	06/2008 - 07/2011	06/2008 - 02/2017					EPRI	SSJ	Advanced Nuclear Technology; Near term deployment of Advanced Light Water Reactors
5	4500518160	Closed	07/2009 - 12/2009	07/2009 - 04/2015					Golder & Associates, Inc.	SSJ/PDS	PTN 6&7 Post SCA Submittal Support
6	4500645896	Closed	02/2011 - 03/2012	02/2011 - 12/2014					McCallum Turner	SSJ	PTN 6&7 COLA Site Selection RAI Support
7	4500517152	Closed	10/2009 - 12/2010	10/2009 - 12/2015					McNabb Hydrogeologic Consulting, Inc.	SSJ/PDS	PTN 6&7 Post SCA Submittal and UIC Licensing Support
8	2000102364	Open - CO#13	05/2013 - 12/2014	05/2013 - 06/2017					Paul C. Rizzo Associates, Inc.	SSJ	PTN 6&7 Field Investigation and FSAR 2.5 Revision
9	2000053246	Open	11/2011 - 06/2014	11/2011 - 12/2016					Power Engineers, Inc.	SSJ	PTN 6&7 Prelim Analysis for Miami River Crossing and Davis/Miami Line
10	2000222577	Open	01/2008 - 12/2011	01/2008 - 09/2017					Westinghouse Electric Co	SSJ/ PDS	PTN 6&7 Engineering Services to Support Preparation of COLA and Response to Post-Submittal RAIs. Due to internal system changes this Purchase Order 2000222577 is issued as a continuation and replacement of PO 4500404639
11	2000183930	Closed	10/2015 - 12/2016	10/2015 - 12/2016					Bechtel Power Co.	Comp Bid	PTN 6 & 7 - Category B/Category C – Excavation, Fill and Sub-Foundation Initial Assessment

Turkey Point 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Contracts Executed

Schedule T-7B

[Section (9)(c)]

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: Florida Power & Light Company
 DOCKET NO.: 170009-EI

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2016
 Witness: Steven D. Scroggs

CONFIDENTIAL

Line No.	Contract No.	Major Task or Tasks Associated With:	Vendor Identity:	Vendor Affiliation (specify 'direct' or 'indirect'):	Number of Vendors Solicited:	Number of Bids Received:	Brief Description of Selection Process:	Dollar Value:	Contract Status:	Term Begin:	Term End:	Nature and Scope of Work:
1	2000211480	COLA and SCA Preparation and Support	Bechtel Power Corporation	Direct	Two	Two	Initial contract competitively bid. Change Orders 1-11 issued as Single Source. Designated as Predetermined Source January 2009 through July 2013. Subsequent change orders justified as Single Source, if applicable. Due to internal system changes this Purchase Order 2000211480 is issued as a continuation and replacement of PO 4500395492		Open	11/06/07	09/28/17	Engineering Services to support preparation of COLA and SCA, including post-submittal support for RAI responses.
2	4500518167	PTN 6&7 Post SCA Submittal Support	Environmental Consulting and Technology Inc.	Direct	SSJ/PDS	NA	ECT can build off their Phase I analysis and project specific experience to complete the transmission corridor environmental licensing with a minimum of mobilization time or bringing project staff up to speed with prior work.		Closed	07/15/09	06/31/2015	PTN 6&7 Post SCA Submittal Support
3	4500430034	EPRI "Advanced Nuclear Technology: Near Term Deployment of Advanced Light Water Reactors"	EPRI	Direct	SSJ	NA	EPRI is non-profit organization with the unique capability to fulfill the needs of this Contract.		Closed	06/10/08	Open	Advanced Nuclear Technology; Near term deployment of Advanced Light Water Reactors
4	4500518160	PTN 6&7 Post SCA Submittal Support	Golder & Associates, Inc.	Direct	SSJ/PDS	NA	Golder & Associates, Inc. has performed a significant amount of related Phase I tasks and can build off their Phase I work and project specific experience to complete the environmental licensing with a minimum of mobilization time or bringing project staff up to speed with prior work.		Closed	09/29/09	04/30/15	Conceptual Engineering of Cooling Water Supply and Discharge
5	2000102364	PTM 6&7 Revision of FSAR section 2.5.4	Paul C. Rizzo Associates, Inc.	Direct	SSJ	NA	Rizzo Associates recent interaction with the NRC and their familiarity with Florida geology, would reduce familiarization and development time to prepare the analysis and FSAR revision. Subsequent changes orders were issued as Single Source and notes relatives experience as the basis for award.		Open - CO#13	04/30/13	06/03/16	PTN 6&7 Field Investigation and FSAR 2.5 Revision
6	2000222577	PTN 6&7 Provide continuing support COL Application	Westinghouse Electric Co	Direct	SSJ/ PDS	NA	Initial contract award was based on the designation as Predetermined Source. Subsequent changes orders were issued as Single Source and notes relatives experience as the basis for award. Due to internal system changes this Purchase Order 2000222577 is issued as a continuation and replacement of PO 4500404639		Open - CO#9	01/31/08	12/31/16	PTN 6&7 Engineering Services to Support Preparation of COLA and Response to Post-Submittal RAIs
7	2000183930	PTN 6&7 - Category B/Category C – Excavation, Fill and Sub-Foundation Initial Assessment	Bechtel Power Corporation	Direct	Comp Bid	Four	Initial contract competitively bid. Subsequent change orders were administrative only.		Closed	10/05/15	12/31/16	Turkey Point 6&7 Category B/Category C – Excavation, Fill and Sub-Foundation Initial Assessment to be used for the preparation of the pre-construction planning of the project

FEDERAL AUTHORIZATIONS

Jurisdictional Agency	Authority, Law, or Regulation	Description of Requirement	Activity Covered
NRC	10 CFR Part 30	By-Product License	Possession of fuel
NRC	10 CFR Part 40	Source Material License	Possession of source material
NRC	10 CFR Part 50	Licensing of nuclear power plant	Approval for construction of nuclear power plant
NRC	10 CFR Part 51 10 CFR Part 52	NRC approval of an Environmental Report	Evaluation of environmental impacts from construction and operation of a nuclear power plant
NRC	10 CFR Part 52	COL	Safety review of the nuclear power plant site
NRC	10 CFR Part 61	Licensing requirements for land disposal of radioactive wastes	Land disposal of radioactive waste that contains by-product source and Special Nuclear Material (SNM)
NRC	10 CFR Part 70	SNM License	Possession of SNM
NRC	10 CFR Part 71	Packaging and transportation of radioactive material	Packaging and transportation of licensed radioactive material
Department of Energy	Nuclear Waste Policy Act (42 U.S.C 10101 et seq.) 10 CFR Part 961	Spent Fuel Contract	Disposal of spent nuclear fuel
USACE	Clean Water Act of 1976 /33 U.S.C section 1344	Section 404 Permit	Discharge of dredge and fill materials into waters of the US
USACE	Rivers and Harbors Act of 1899/ 33 U.S.C. section 401 et. seq.	Section 10 -Rivers and Harbors Act Permit	Excavation or filling within navigable waters of the US
USACE	Rivers and Harbors Act of 1899/ CWA section 14 (33 USC 408)	Section 408. Taking possession of, use of, or injury to harbor or river improvements.	Control of all potential changes to navigable waters or to flood control structures.

FEDERAL AUTHORIZATIONS (CONT.)

Jurisdictional Agency	Authority, Law, or Regulation	Description of Requirement	Activity Covered
USACE	Secretary of the Army	License for use of government owned lands; Modified water deliveries to Everglades National Park	Use of Government owned lands for the purpose of onsite investigations in support of a Phase 1 Environmental Site Assessment, Wetland delineation, preparation of legal description and soil borings
Federal Aviation Agency (FAA)	14 CFR Part 77 - Safe, Efficient Use, and Preservation of Navigable Airspace	FAA Obstruction Permit for Unit 6 Containment Building	FAA Obstruction Permit for Unit 6 Containment Building
FAA	14 CFR Part 77 - Safe, Efficient Use, and Preservation of Navigable Airspace	FAA Obstruction Permit for Unit 7 Containment Building	FAA Obstruction Permit for Unit 7 Containment Building
FAA	14 CFR Part 77 - Safe, Efficient Use, and Preservation of Navigable Airspace	FAA Obstruction Permit for Construction Cranes	FAA Obstruction Permit for Construction Cranes - to be obtained as necessary
Department of the Interior (DOI)	RE-DO-53	Special Use Permit; Temporary Construction Easement	Provide access to delineate wetland boundaries within the proposed utility line right of way relocation in Everglades National Park
DOI	RE-DO-53	Special Use Permit; Temporary Construction Easement	Provide access to conduct visual and pedestrian surveys for Phase I environmental assessment within the proposed utility line right of way relocation in Everglades National Park

FEDERAL AUTHORIZATIONS (CONT.)

Jurisdictional Agency	Authority, Law, or Regulation	Description of Requirement	Activity Covered
US Fish and Wildlife Service (USFWS)	16 U.S.C 1539(a)(1)(A) 50 CFR Parts 13, 17	Endangered species permit to take American crocodile during monitoring	Provides authorization to take (capture, examine, weigh, identify sex, collect tissue samples, mark, radio-tag, radio-track, relocate, release) endangered American crocodile individuals during population monitoring
USFWS	16 U.S.C 703-712	Special purpose salvage permit, migratory birds	Provides authorization to: salvage dead migratory birds, abandoned nests, and addled eggs after nesting season; salvage dead bald or golden eagles; and possess live migratory birds for transport to permitted rehabilitator
USFWS	16 U.S.C. 703-712 50 CFR Part 13:50 CFR 21.41	Federal Fish and Wildlife Permit	Emergency relocation of active migratory bird nests when birds, nests, or eggs pose a direct threat to human health and safety or when the safety of the bird is at risk if the nest and/or birds are not removed

STATE OF FLORIDA AUTHORIZATIONS

Jurisdictional Agency	Authority, Law, or Regulation	Description of Requirement	Activity Covered
FDEP, Siting Board	F.S. § 403.501-.518, F.S	Power Plant Site Certification*	Construction and operation of a power plant with more than 75 MW of steam generated power and associated facilities

*Pursuant to the Florida Electrical Power Plant Siting Act (PPSA) all state, regional and local permits, except for certain local land use and zoning approvals and certain state issued licenses required under federally delegated or approved permit programs, are covered under a single "Certification." Because the Certification is the sole license of the state and any agency required for construction and operation of the proposed electrical power plant, it is not necessary to apply for permits individually.

STATE OF FLORIDA AUTHORIZATIONS (CONT.)

Jurisdictional Agency	Authority, Law, or Regulation	Description of Requirement	Activity Covered
FDEP, US Environmental Protection Agency (EPA) Region IV review	F.A.C. 62-621	National Pollutant Discharge Elimination System (NPDES) Storm water Operations Permit for Industrial Activities	Operation of an industrial facility
FDEP	Chapter 403 F.S.	Exploratory Well Construction Permit	Allows for the construction of the exploratory well and dual-zone monitor well
FDEP	Chapter 403 F.S.	UIC Well Construction Permit	Allows for the conversion of the exploratory well to an injection well and perform operational testing for up to 2 years
FDEP	Chapter 403 F.S.	UIC Well Construction Permit	Allows for the construction of up to 12 additional injection wells and associated dual - zone monitoring wells and perform operational testing for up to 2 years
FDEP	Chapter 403 F.S.	Class I Well Operation Permit	Allows for the operation of the injection wells. This permit must be renewed every 5 years
FDEP, EPA Region IV review	F.A.C. 62-621	Prevention of Significant Deterioration Construction Permit	Construction and operation of facilities that generate air emissions
FDEP, EPA Region IV review	403.0885 F.S.	Modification of Industrial Wastewater Treatment Facility (IWW) permit	Construction of Units 6 & 7 within the industrial wastewater facility
FDEP/EPA	F.A.C. 62-25, 62-40	NPDES Construction Storm water Permit	Construction of any facility that disturbs 1 acre or more

STATE OF FLORIDA AUTHORIZATIONS (CONT.)

Jurisdictional Agency	Authority, Law, or Regulation	Description of Requirement	Activity Covered
Florida Fish and Wildlife Conservation Commission (FWCC)	F.A.C. 68A-9.002; 68A-25.002; 68A-27.003	Special purpose live-capture permit	Provides authorization for live-capture, insertion of data loggers in nests, and collection of samples, on FPL properties of American crocodiles for mark/recapture and scientific data collection; also provides for live-capture, relocation, and release of American alligators and eastern indigo snakes and other endangered or threatened species or species of special concern
FDEP	403.087, F.S. and F.A.C. 62-4, 62-520, 62-522, 62-528 62-550, 62-600, 62-601	Operation of Class V, Group 3 domestic wastewater injection (gravity flow) well	Operation of treated domestic sewage injection well
FDEP	403, F.S. and F.A.C. 62-600, 62-601, 62-602, 62-620, 62-640, 62-699	Operation of domestic wastewater treatment facility (WWTF)	Operation of Turkey Point Power Plant WWTF
FDEP	F.A.C. 62-213	Title V Operations Permit	Operations of facilities that generate air emissions
FDEP	253.12 F.S. F.A.C. 18-18, 18-20, 18-21, 18-22	Sovereign Submerged Lands Easements	Obtain easements for facilities to be located below surface water bodies in state owned lands
FDEP	253.12 F.S. F.A.C. 18-2	Upland Easements	Obtain easements for facilities to be located in state owned lands (uplands)
FDEP, South Florida Water Management District (SFWMD)	F.A.C. 40B-3	Well Construction Permit	Construct, repair, modify, or abandon a well

STATE OF FLORIDA AUTHORIZATIONS (CONT.)

Jurisdictional Agency	Authority, Law, or Regulation	Description of Requirement	Activity Covered
SFWMD	F.A.C. 40E-3	Well Abandonment Permit	Well abandonment permits
SFWMD, USACE	33 USC S 408	Federal Jurisdiction Per Section 14 of the Rivers and Harbors Act of 1899	Permission to place facilities in the vicinity of or otherwise use levees owned or controlled by the SFWMD originally constructed by the
SFWMD	Chapter 373 F.S.	Water well construction permits	Pump test for test wells
State of Florida	F.A.C. 40E-3	Well Abandonment Permit	Application to construct, repair, modify, or abandon well
FWCC	F.A.C. 68A-9.002, 68A-9.025, 68A-27	Carcass Salvage Permit	Salvage, mount, and display wildlife carcasses upon encounter for educational or scientific purposes
FWCC	F.A.C. 68A-9.002, 68A-27.005	Removal of nests and ospreys	Removal and replacement of inactive nests of ospreys and other migratory birds

FOREIGN STATE AUTHORIZATIONS

Jurisdictional Agency	Authority, Law, or Regulation	Description of Requirement	Activity Covered
Utah Department of Environmental Quality Division of Radiation Control	R313-26 of the Utah Radiation Control Rules	Revision of existing General Site Access Permit	Transport of radioactive materials into the State of Utah

FOREIGN STATE AUTHORIZATIONS (CONT.)

Jurisdictional Agency	Authority, Law, or Regulation	Description of Requirement	Activity Covered
Tennessee Department of Environment and Conservation Division of Radiological Health	TDEC Rule 1200-2-10.32	Revision of existing Tennessee Radioactive Waste License-for-Delivery	Transport of radioactive waste into the State of Tennessee

LOCAL AUTHORIZATIONS

Jurisdictional Agency	Authority, Law, or Regulation	Description of Requirement	Activity Covered
Miami-Dade County	Chapter 163 F.S.; Miami-Dade County Comprehensive Plan and adopted regulations	Land use and zoning conditional approval (unusual use approval)	Unusual Use (zoning approval) to permit a nuclear power plant (atomic reactors) and ancillary structures and equipment
Miami-Dade County	Chapter 163 F.S.; Miami-Dade County Comprehensive Plan (CDMP) and adopted regulations	CDMP text amendment	Excavation for fill source. Application was withdrawn 03/05/2010
Miami-Dade County	Chapter 163 F.S.; Miami-Dade County Comprehensive Plan (CDMP) and adopted regulations	CDMP text amendment	Temporary access roads

LOCAL AUTHORIZATIONS (CONT.)

Jurisdictional Agency	Authority, Law, or Regulation	Description of Requirement	Activity Covered
Miami-Dade County	Miami-Dade County Ordinances	IW6 Permit (Industrial Well field) for site investigation	Land use -non-residential, within major well field protection areas not served by sanitary sewers
Miami-Dade County Health Department	Chapter 373 F.S.	Water well construction permits	Well installation for hydrologic investigation
Miami-Dade County	Miami-Dade County Code Chapter 24	Domestic wastewater annual operating permit	Stabilization treatment facility
Miami-Dade County	Miami-Dade County Code Chapter 24	Operation of pollution control facility permit	Operation of fleet vehicle maintenance facility that generates waste oil, coolant, and used batteries with a solvent wash tank and served by septic tank
Miami-Dade County	Miami-Dade County Ordinances, Chapter 14	Burn Permit	Onsite combustion of construction debris. Annual permit issued
Miami-Dade County	Miami-Dade County Ordinances, Section 24-35	IW5 Permit (or waiver)	Hazardous materials or hazardous waste – large user or generator. Hazardous waste permit issued 10/01/2008
Miami-Dade County	Miami-Dade County Ordinances, Section 24	Stratospheric Ozone Protection Annual Operations Permit	Use of refrigerants R-12, R-22, R-502 for Robinair Recovery Units, Models 25200, 25200A, 25200B
Miami-Dade County	Miami-Dade County Ordinances, Section 24	Industrial Waste Annual Operations Permit	Onsite disposal of Class III industrial solid waste consisting of earth and earth-like products, concrete, rock, bricks, and land clearing debris
Miami-Dade County	Miami-Dade County Ordinances, 89-104	Marine Facilities Annual Operations Permit	Operation of 1 wet slip, 1 dry slip, 2 commercial vessels

Docket No. 170009-EI
Turkey Point 6 & 7 Procedures and Work Instructions
Exhibit SDS-4, Page 1 of 1

PROCEDURES AND WORK INSTRUCTIONS

QI4-NSC-1 Rev14 Procurement Control
BO-AA-102-1008 r7 Procurement Control
FPL - Affiliate Charge Review Process
FPL - Affiliate Charging FPL
FPL - Clause Recovery Charging Guideline
FPL - Clause Recovery Training Costs
FPL - Shopping Cart Training
NEE - Record Retention Guidelines
NEE - Project Controls Framework
FPL - E&C Monthly Accrual Process
FPL - Acquiring/Developing FPL Fixed Assets
PTN 67 - Expense Report Review
PTN 67 - Invoice Review
PTN 67 - Monthly Cost Report Process
PTN 67 - Payroll Distr Review Process
PTN 67 - Project Structure

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 5
PARTY: FLORIDA POWER & LIGHT COMPANY
(FPL) – (DIRECT)
DESCRIPTION: Steven Scroggs SDS-4

PROJECT REPORTS

Report	Report Description	Periodicity	Audience
FPL/Bechtel COL Weekly Status Updates	FPL/Bechtel COL Project action items, applicable schedules and RAI review table.	Weekly	Project staff personnel, project management and project controls
FPL/Bechtel Weekly Status Updates	FPL Project action items, applicable schedules, Action Request look ahead report, Bechtel RAI report and FPL status report	Weekly	Project staff personnel, project management and project controls
Corporate Variance (Cost)	Financial status compared to corporate budget including Current Month (CM), Year-To-Date (YTD) and End-Of-Year (EOY) with variance explanations	Monthly	Executive Management
NFR Variance	Compares filing projections for CM, YTD, EOY, and Prior Month Forecast	Monthly	Project Management and department heads
NFR Summary	Compares filing projections to actual/forecast with major milestone schedule dates	Monthly	Project Management and department heads

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 6
PARTY: FLORIDA POWER & LIGHT COMPANY
(FPL) – (DIRECT)
DESCRIPTION: Steven Scroggs SDS-5

PROJECT REPORTS (CONT.)

Report	Report Description	Periodicity	Audience
Project Cost Summary	Financial status by WBS Element including CM, YTD and EOY	Monthly	Project Management
Cost Recovery by Detail	Compares Pre-construction NFR filing projection details to actual/forecast for CM, YTD and EOY	Monthly	Project Management
Pre-construction Cumulative Spend Graph	Visually compares Corporate Budget and NFR Projection to actual and forecast costs	Monthly	Project Management and department heads
Project Dashboard	Monthly Risk Assessment focuses on NRC Licensing, Permitting and Development activities	Monthly	Project Management
Due Diligence Report	Project status for financial reporting process	Quarterly	Executive Management
Quarterly Risk Assessment	Risk assessment focuses on the licensing, permitting and general development activities	Quarterly ^(a)	Project Management

(a) Due to the completion of certain project activities, the use of the Quarterly Risk Assessment was suspended in 2015.

PROJECT INSTRUCTIONS & FORMS

Procedure Number	Title	Revision Number	Effective Date
NNP-PI-01	REQUEST FOR INFORMATION (RFI) AND RFI RESPONSE	4	02/03/16
NNP-PI-02	PREPARATION, REVISION, REVIEW AND APPROVAL OF NEW NUCLEAR PROJECTS PROJECT INSTRUCTIONS	3	12/09/13
NNP-PI-03	PROJECT DOCUMENT RETENTION AND RECORDS PROCESSING	5	10/14/16
NNP-PI-04	COLA CONFIGURATION CONTROL AND RESPONSES TO REQUEST FOR ADDITIONAL INFORMATION FOR PROJECT APPLICATIONS	5	05/27/16
NNP-PI-05	NNP PROJECT CORRESPONDENCE	3	10/14/16
NNP-PI-06	NNP NRC CORRESPONDENCE	6	06/15/15
NNP-PI-07	DEPARTMENT TRAINING	5	CANCELED 02/15/13 ^(a)
NNP-PI-08	COLA REVIEW AND ACCEPTANCE PROCESS	7	02/29/16
NNP-PI-10	NNP PTN COLA RELATED PROJECT MANAGEMENT BRIEFS, PROJECT MEMORANDA, AND COLA RELATED DOCUMENT REVIEWS	3	12/11/13
NNP-PI-12	HOSTING VISITING DIGNITARIES AT THE FPL JUNO CAMPUS AND PRECONSTRUCTION TOURS OF THE PTN 6 & 7 SITE	4	02/03/16
NNP-PI-13	TECHNICAL REVIEW OF COMMERCIAL PROJECT DOCUMENTS	2	10/09/13
NNP-PI-14	DISCOVERY PRODUCTION INSTRUCTIONS RELATED TO TURKEY POINT 6 & 7 COMBINED LICENSE HEARING	4	09/19/16
NNP-PI-15	EXPLORATORY AND DUAL ZONE MONITORING WELL PROJECT INCIDENT RESPONSE INSTRUCTIONS	1	07/22/13

Docket No. 170009-EI
Turkey Point 6 & 7 Project Instructions and Forms
Exhibit SDS-6, Page 2 of 4

Procedure Number	Title	Revision Number	Effective Date
NNP-PI-301	REVIEW OF WEC DESIGN CHANGE PROPOSALS (DCPS)	0	11/07/14
NNP-PI-302	PRE-COL DEPARTURE PROCESS	0	11/07/14
NNP-PI-303	PREPARATION OF INTERIM STAFF GUIDANCE – 011 SCREENS/EVALUATIONS	2	04/04/16
NNP-PI-410	NNP TRAINING	0	01/11/17 ^(a)
NNP-PI-510	ENVIRONMENTAL EVALUATION OF POTENTIAL NEW AND SIGNIFICANT INFORMATION	0	12/01/16

NNP Form Number	Title	Revision Number	Effective Date
NNP-AA-01	REGULATORY ITEMS & COMMITMENTS	0	4/12/13
NNP-PI-01-01	FPL NNP PTN 6 & 7 COL APPLICATION REQUEST FOR INFORMATION	2	02/03/16
NNP-PI-02-01	PROJECT INSTRUCTION REVIEW AND APPROVAL FORM	1	12/09/13
NNP-PI-03-01	QA RECORDS TRANSMITTAL FORM	2	9/8/11
NNP-PI-06-01	NNP OUTGOING NRC CORRESPONDENCE REVIEW & APPROVAL SHEET	3	6/10/14
NNP-PI-07-01	TRAINING ATTENDANCE FORM	0	CANCELED 3/19/08 ^(a)
NNP-PI-07-02	TRAINING EXEMPTION FORM	0	CANCELED 3/19/08 ^(a)
NNP-PI-07-03	REQUIRED READING FORM	7	CANCELED 11/17/14 ^(a)
NNP-PI-08-01	NNP COMMENT RESOLUTION ACCEPTANCE FORM	1	8/18/08
NNP-PI-08-02	NNP LRB MEETING SUMMARY FORM	1	9/8/08
NNP-PI-10-01	NNP DOCUMENT REVIEW COMMENT FORM	0	4/12/13
NNP-PI-10-02	NNP PROJECT MANAGEMENT BRIEF/PROJECT MEMORANDUM REVIEW AND APPROVAL FORM	1	4/12/13

Docket No. 170009-EI
Turkey Point 6 & 7 Project Instructions and Forms
Exhibit SDS-6, Page 3 of 4

NNP Form Number	Title	Revision Number	Effective Date
NNP-PI-13-01	REVIEW AND APPROVAL FORM	0	3/17/10
NNP-PI-13-02	DOCUMENT REVIEW CHECKLIST	1	3/22/11
NNP-PI-14	BUSINESS UNIT COMPLIANCE CERTIFICATION FORM	0	3/8/11
NNP-PI-14	BUSINESS UNIT DOCUMENT SEARCH CERTIFICATION FORM	0	3/8/11
NNP-PI-14	INDIVIDUAL DISCOVERY CERTIFICATION FORM	0	3/8/11
NNP-PI-302-01	SCREEN AND EVALUATION OF COL APPLICANT CHANGES TO THE PLANT-SPECIFIC DCD	0	11/7/14
NNP-PI-302-02	VENDOR GENERATED DEPARTURE COMPLETENESS REVIEW	0	11/7/14
NNP-PI-302-03	10 CFR PART 52 SCREENER TRAINING AND QUALIFICATION FORM	0	11/7/14
NNP-PI-302-04	DEPARTURE SCREENING/EVALUATION REVIEW AND APPROVAL FORM	0	11/7/14
NNP-PI-303-01	ISG-011 SCREEN OF CHANGES	2	03/17/16
NNP-PI-303-02	ISG-011 EVALUATION OR ACCEPTANCE REVIEW WORKSHEET	2	03/17/16
NNP-PI-303-03	INTERIM STAFF GUIDANCE 011 (ISG-011) TRAINING/QUALIFICATIONS	1	12/16/14
NNP-PI-410-F01	NEW NUCLEAR PROJECTS TRAINING ATTENDANCE FORM	0	01/11/17 ^(a)
NNP-PI-410-F02	TRAINING EXEMPTION FORM FOR NEW NUCLEAR PROJECTS PERSONNEL	0	01/11/17 ^(a)
NNP-PI-410-F03	REQUIRED READING FORM FOR NEW NUCLEAR PROJECTS PERSONNEL	0	01/11/17 ^(a)
NNP-PI-510-F01	TRACKING LOG	0	12/01/16
NNP-PI-510-F02	INTERVIEW FORM TO DOCUMENT NEW INFORMATION	0	12/01/16
NNP-PI-510-F03	CHECKLIST FOR IDENTIFYING POTENTIALLY NEW AND SIGNIFICANT INFORMATION	0	12/01/16

(a) The format requirements and numbering of project instructions have been updated in 2017 which accounts for procedures being canceled and re-issued. NNP-PI-07 & associated forms have been canceled and replaced by NNP-PI-410 & associated forms.

Table 1. 2015 Preconstruction Costs

Category	2015 Actual Costs (\$)
Licensing	14,778,172
Permitting	187,118
Engineering & Design	3,326,281
Long Lead Procurement	0
Power Block Engineering & Procurement	0
Total Preconstruction Costs	18,291,571
Transmission	0
Total Preconstruction Costs & Transmission	18,291,571
Initial Assessments	1,480,242
Total Preconstruction Costs, Transmission & Initial Assessments	19,771,813

FLORIDA PUBLIC SERVICE COMMISSION
 DOCKET: 20170009-EI EXHIBIT: 8
 PARTY: FLORIDA POWER & LIGHT COMPANY
 (FPL) – (DIRECT)
 DESCRIPTION: Steven Scroggs SDS-7

Note: Totals may not appear to add due to rounding.

Docket No. 170009-EI
Turkey Point 6 & 7 Summary Tables of the 2015 Expenditures
Exhibit SDS-7, Page 2 of 3

Table 2. 2015 Licensing Costs

Category	2015 Actual Costs (\$)
New Nuclear Project (NNP) Team Costs - NNP FPL Payroll and Expenses, FPL Project Team Facilities, FPL Engineering, FPL Licensing	3,709,958
Application Production - COLA/SCA Contractor, Project Architecture & Engineering, NRC and Design Center Working Group fees	9,073,901
SCA Oversight	0
SCA Subcontractors:	
• Transmission	21,948
• Environmental	5,094
• Underground Injection	825
<hr/>	
Total SCA	27,867
Environmental Services - FPL Payroll and Expenses, External Support Expenses	101,273
Power Systems - FPL Payroll and Expenses, System Studies, Licensing and Permitting Support and Design Activities	3,648
Licensing Legal - FPL Payroll and Expenses, External Legal Services, Expert Witnesses	1,273,489
Regulatory Affairs	401,621
New Nuclear Accounting	186,414
<hr/>	
Total Regulatory Support	588,035
Total Licensing	14,778,172

Note: Totals may not appear to add due to rounding.

Table 3. 2015 Permitting Costs

Category	2015 Actual Costs (\$)
Project Communication Support	1,255
Development - FPL Payroll and Expenses, Various Studies	125,723
Permitting-Legal Specialists Support	60,141
Total Permitting	187,118

Table 4. 2015 Engineering and Design Costs

Category	2015 Actual Costs (\$)
Engineering and Construction Team - FPL Payroll and Expenses, Preconstruction Project Management	321,734
Pre-construction External Engineering - Construction Planning	3,465
APOG Membership Participation	2,751,082
EPRI Advanced Nuclear Technology	250,000
FEMA Fees	0
Total Engineering and Design	3,326,281

Table 5. 2015 Initial Assessment Costs

Category	2015 Actual Costs (\$)
Category A Initial Assessment Work	860,641
Category B and C Initial Assessment Work	619,601
Total Initial Assessments	1,480,242

Note: Totals may not appear to add due to rounding.

Table 1. 2016 Preconstruction Costs

Category	2016 Actual Costs (\$)
Licensing	14,056,557
Permitting	221,004
Engineering & Design	3,105,727
Long Lead Procurement	0
Power Block Engineering & Procurement	0
Total Preconstruction Costs	17,383,288
Transmission	0
Total Preconstruction Costs & Transmission	17,383,288
Initial Assessments	809,801
Total Preconstruction Costs, Transmission & Initial Assessments	18,193,089

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 9
PARTY: FLORIDA POWER & LIGHT COMPANY (FPL) –
(DIRECT)
DESCRIPTION: Steven Scrogg SDS-8

Note: Totals may not appear to add due to rounding.

Turkey Point 6 & 7 Site Selection and Pre-Construction Costs
Nuclear Filing Requirements (NFRs)
TOR-Schedules (True-up to Original)
2017 P-Schedule (Projection)
January 2017 - December 2018

Site Selection & Pre-Construction

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 10
PARTY: FLORIDA POWER & LIGHT COMPANY (FPL) –
(DIRECT)
DESCRIPTION: Steven Scroggs/Jennifer Grant-Keene SDS-9

**Turkey Point 6 & 7 Site Selection & Pre-Construction
Nuclear Filing Requirements (NFRs)
2017 P-Schedule (Projection)
TOR-Schedules (True-up to Original)
January 2017 - December 2018**

Site Selection Table of Contents

<u>Page (s)</u>	<u>Schedule</u>	<u>Year</u>	<u>Description</u>	<u>Sponsor</u>
4	TOR-1	2018	NCRC Summary	J. Grant-Keene
5	TOR-3	2018	Summary of Annual Clause Recovery Amounts	J. Grant-Keene & S. Scroggs
6	TOR-6	2018	Capital Additions/Expenditures	J. Grant-Keene & S. Scroggs

Pre-Construction Table of Contents

<u>Page (s)</u>	<u>Schedule</u>	<u>Year</u>	<u>Description</u>	<u>Sponsor</u>
8-9	P-8	2018	Estimated Rate Impact	J. Grant-Keene
11	TOR-1	2018	NCRC Summary	J. Grant-Keene
12	TOR-2	2018	Budgeted and Actual Power Plant In-Service Costs	J. Grant-Keene & S. Scroggs
13	TOR-3	2018	Summary of Annual Clause Recovery Amounts	J. Grant-Keene & S. Scroggs
14	TOR-6	2018	Capital Additions/ Expenditures	J. Grant-Keene & S. Scroggs
15	TOR-7	2018	Power Plant Milestones	S. Scroggs

Site Selection True-Up To Original 2018

FLORIDA POWER & LIGHT COMPANY
Turkey Point Units 6&7 - Site Selection Costs
NCRC Summary - Docket No. 170009

Schedule TOR-1 (True-Up to Original)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Show the jurisdictional amounts used to calculate the final true-up, estimated true-up, projection, deferrals, and recovery of deferrals for each project included in the NCRC. The sum of the amounts should be the total amount requested for recovery in the projected period.

For the Period Ended 12/31/2018

COMPANY: FLORIDA POWER LIGHT & COMPANY

Witness: Jennifer Grant-Keene

DOCKET NO. 170009-EI

Line No.	Costs by Project	2015			2016			2017	2018	Subtotals	Deferred Recovery			Net Amounts
		A (a)	B	C (B)-(A)	D (a)	E	F (E)-(D)	G (c)	H (c)	I (C)+(F)	J	K	L	M
		Approved Actual & Estimated Amounts in Docket No. 150009-EI	Final Actual Amounts in Docket No. 170009-EI	Final True-up for 2015	Approved Projected Amounts in Docket No. 150009-EI	Actual & Amounts in Docket No. 170009-EI	True-up for 2016	Actual & Estimated Amounts for 2017 in Docket No. 170009-EI	Initial Projected Amounts for 2018 in Docket No. 170009-EI	Amounts for 2017 to be Recovered in Docket No. 170009-EI	Increase in Deferred Balance	Decrease in Deferred Balance	2018 Deferred Balance	Net Amount Requested for Recovery in 2017 in Docket No. 180009-EI

Site Selection Costs														Jurisdictional Dollars	
1	Additions	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0				\$0	
2	Carrying Costs - Construction	\$158	\$158	\$0	\$27	(\$183)	(\$210)	N/A	N/A	(\$210)				(\$210)	
3	Carrying Costs - DTA/(DTL)	\$159,586	\$159,930	\$344	\$159,561	\$159,578	\$17	N/A	N/A	\$361				\$361	
4	O&M	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0				\$0	
5	Base Rate Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0				\$0	
6	Subtotal (Sum 1-5)	\$159,744	\$160,088	\$345	\$159,588	\$159,395	(\$193)	N/A	N/A	\$151	\$0	\$0	\$0	\$151	
7															
8	Pre-Construction Costs (b)														
9	Additions														
10	Carrying Costs - Construction														
11	Carrying Costs - DTA/(DTL)														
12	O&M														
13	Base Rate Revenue Requirements														
14	Subtotal (Sum 10-14)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
15															
16	Construction Costs														
17	CWIP Balance														
18	Carrying Costs - Construction														
19	Carrying Costs - DTA/(DTL)														
20	O&M														
21	Base Rate Revenue Requirements														
22	Subtotal (Sum 20-23)	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0	\$0	\$0	\$0	\$0	
23															
24	Total (Sum 6,15,24)	\$159,744	\$160,088	\$345	\$159,588	\$159,395	(\$193)	N/A	N/A	\$151	\$0	\$0	\$0	\$151	

Notes:
 (a) The amounts referenced were approved by the Commission in Docket No. 150009-EI (see Order No. PSC-15-0521-FOF-EI).
 (b) Please refer to Pre-Construction TORs for further detail.
 (c) FPL is not seeking FPSC review or recovery of 2017 and 2018 project costs at this time.
 * Totals may not add due to rounding

Turkey Point Units 6&7
Site Selection Costs and Carrying Costs on Site Selection Cost Balance
Summary of Annual Clause Recovery Amounts

Schedule TOR-3 (True-up to Original)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of the actual to date and projected total amounts for the project.

COMPANY: FLORIDA POWER LIGHT & COMPANY

For the Period Ended 12/31/2018

DOCKET NO.170009-EI

Witness: Jennifer Grant-Keene and Steven D. Scroggs

Line No.	Description	(A) Actual 2006	(B) Actual 2007 (a)	(C) Actual 2008	(D) Actual 2009	(E) Actual 2010	(F) Actual 2011	(G) Actual 2012	(H) Actual 2013	(I) Actual 2014	(J) Actual 2015	(K) Actual 2016	(L) Total Actual PTD	(M) Actual/Estimated 2017	(N) Projected 2018	(O) To-Date Total Through 12/31/2018
Jurisdictional Dollars																
1	Site Selection Category															
a.	Additions		\$6,092,571	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,092,571	N/A	N/A	\$6,092,571
b.	O&M		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0
c.	Carrying Costs on Additions		\$134,731	\$689,750	\$343,600	(\$31,207)	(\$9,831)	\$0	\$0	(\$742)	\$158	(\$183)	\$1,126,276	N/A	N/A	\$1,126,276
d.	Carrying Costs on DTA/(DTL)		(\$90)	(\$3,023)	\$29,562	\$177,172	\$180,883	\$180,883	\$170,485	\$159,224	\$159,930	\$159,578	\$1,214,604	N/A	N/A	\$1,214,604
e.	Total Site Selection Amounts (Lines 1.a through 1.d)	\$0	\$6,227,213	\$686,727	\$373,162	\$145,965	\$171,052	\$180,883	\$170,485	\$158,482	\$160,088	\$159,395	\$8,433,452	N/A	N/A	\$8,433,452
2	Pre-Construction Category (b)															
a.	Additions															
b.	O&M															
c.	Carrying Costs on Additions															
d.	Carrying Costs on DTA/(DTL)															
e.	Total Pre-Construction Amounts (Lines 2.a through 2.d)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0
3	Construction Category															
	Additions															
	CWIP Base Eligible for a return															
a.	O&M															
b.	Carrying Costs on Additions															
c.	Carrying Costs on DTA/(DTL)															
d.	Total Construction Amounts (Lines 3.a through 3.c)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0
4	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0
5	Total Actual Annual Amounts (Lines 1.e + 2.e + 3.d + 4)	\$0	\$6,227,213	\$686,727	\$373,162	\$145,965	\$171,052	\$180,883	\$170,485	\$158,482	\$160,088	\$159,395	\$8,433,452	N/A	N/A	\$8,433,452
6	Original Projected Total Annual Amounts		\$6,539,167	\$723,484	\$509,050	\$233,136	\$171,052	\$180,883	\$180,883	\$158,402	\$159,744	\$159,588	\$8,855,801	N/A	N/A	\$8,855,801
7	Difference (Line 5 - Line 6)	\$0	(\$311,953)	(\$36,758)	(\$135,888)	(\$87,171)	(\$0)	\$0	(\$10,398)	\$79	\$345	(\$193)	(\$422,349)	N/A	N/A	(\$422,349)
8	Percent Difference [(7 ÷ 6) x 100%]	0%	-5%	-5%	-27%	-37%	0%	0%	-6%	0%	0%	0%	-5%	N/A	N/A	N/A

Notes:

- 9 (a) Effective with the filing of FPL's need petition on October 16, 2007, all costs were transferred to Construction Work in Progress, Account 107, and site selection costs ceased.
- 10 (b) Please refer to Pre-Construction TORs for further detail.
- 11 (c) FPL is not seeking FPSC review or recovery of 2017 and 2018 project costs at this time.

* Totals may not add due to rounding

Turkey Point Units 6&7
Site Selection Costs and Carrying Costs on Site Selection Cost Balance
True-up to Original: Site Selection Category - Capital Additions/Expenditures

Schedule TOR-6 (True-up to Original)

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: FLORIDA POWER LIGHT & COMPANY

DOCKET NO. 170009-EI

EXPLANATION: Provide the actual to date and projected annual expenditures by major tasks performed within the site selection category for the project.

For the Period Ended 12/31/2018

Witness: Jennifer Grant-Keene and Steven D. Scroggs

Line No.	Description	(A)	(B)	(C)
		Actual 2006 (a)	Actual 2007 (a) (b)	Total Actual
1	Site Selection:			
2				
3	Activities (c)			
4	Project Staffing	\$442,676	\$320,164	\$762,840
5	Engineering	\$2,077,555	\$1,274,189	\$3,351,744
6	Environmental Services	\$113,473	\$1,106,817	\$1,220,290
7	Legal Services	\$22,482	\$760,749	\$783,231
8	Total Site Selection Costs:	<u>\$2,656,186</u>	<u>\$3,461,919</u>	<u>\$6,118,105</u>
9	Jurisdictional Factor	0.9958099	0.9958265	0.9958265
10	Total Jurisdictionalized Site Selection Costs:	<u>\$2,645,056</u>	<u>\$3,447,471</u>	<u>\$6,092,571</u>
11	Adjustments (d)			
12	Other Adjustments		(\$20,516)	(\$20,516)
13	Jurisdictional Factor	0.9958099	0.9958265	0.9958265
14	Total Jurisdictionalized Adjustments:	<u>\$0</u>	<u>(\$20,430)</u>	<u>(\$20,430)</u>
15				
16	Total Jurisdictionalized Site Selection net of adjustments	<u>\$2,645,056</u>	<u>\$3,467,901</u>	<u>\$6,113,001</u>

Notes:

- 17 (a) As filed in Docket No. 090009-EI for 2006-2007.
18 (b) Effective with the filing of FPL's need petition on October 16, 2007, all costs were transferred to Construction Work in Progress, Account 107, and site
19 selection costs ceased.
20 (c) See March 2, 2009 WP-2 Page 1 of 2 in Docket No. 090009-EI.
21 (d) See revised March 2, 2009 T-6, Line 10 in Docket No. 090009-EI.

*Totals may not add to rounding

Pre-Construction Projection

2018

Turkey Point Units 6 & 7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Estimated Rate Impact

Schedule P-8

FLOIFLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 170009-EI

EXPLANATION: Using the most recent billing determinants and allocation factors available, provide an estimate of the rate impact by class of the costs requested for recovery.

For the Year Ended 12/31/2018

Witness: Jennifer Grant-Keene

Line No. **CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS**
ESTIMATED FOR THE PERIOD OF: JANUARY 2018 THROUGH DECEMBER 2018

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	RATE SCHEDULE	AVG 12CP Load Factor at Meter (%) ^(a)	Projected Sales at Meter (kwh) ^(b)	Projected AVG 12CP at Meter (kW) ^(c)	Demand Loss Expansion Factor ^(d)	Energy Loss Expansion Factor ^(e)	Projected Sales at Generation (kwh) ^(f)	Projected AVG 12CP at Generation (kW) ^(g)	Percentage of Sales at Generation (%) ^(h)	Percentage of Demand at Generation (%) ⁽ⁱ⁾
4	RS1/RTR1	60.247%	57,483,949,536	10,891,986	1.05776787	1.04423633	60,026,828,497	11,521,193	53.25397%	58.79541%
5	GS1/GST1	64.142%	6,008,203,182	1,069,291	1.05776787	1.04423633	6,273,984,041	1,131,062	5.56609%	5.77208%
6	GSD1/GSDT1/HLFT1	73.438%	25,977,598,105	4,038,064	1.05769151	1.04417958	27,125,277,479	4,271,026	24.06472%	21.79607%
7	OS2	132.242%	10,819,466	934	1.05150490	1.02646495	11,105,803	982	0.00985%	0.00501%
8	GSLD1/GSLDT1/CS1/CST1/HLFT2	75.357%	10,572,732,222	1,601,627	1.05682066	1.04355690	11,033,247,662	1,692,633	9.78836%	8.63791%
9	GSLD2/GSLDT2/CS2/CST2/HLFT3	89.125%	2,513,919,140	321,993	1.04985073	1.03811686	2,609,741,844	338,045	2.31528%	1.72512%
10	GSLD3/GSLDT3/CS3/CST3	89.022%	175,793,917	22,542	1.02155421	1.01697515	178,778,045	23,028	0.15861%	0.11752%
11	SST1T	101.486%	89,667,754	10,086	1.02155421	1.01697515	91,189,878	10,303	0.08090%	0.05258%
12	SST1D1/SST1D2/SST1D3	80.582%	11,856,926	1,680	1.03411504	1.02646495	12,170,719	1,737	0.01080%	0.00887%
13	CILC D/CILC G	88.049%	2,790,632,003	361,804	1.04907700	1.03788716	2,896,361,124	379,560	2.56956%	1.93699%
14	CILC T	92.458%	1,532,560,735	189,221	1.02155421	1.01697515	1,558,576,183	193,300	1.38272%	0.98645%
15	MET	74.705%	91,241,144	13,942	1.03411504	1.02646495	93,655,836	14,418	0.08309%	0.07358%
16	OL1/SL1/SL1M/PL1/LT1	1,609.525%	668,389,683	4,741	1.05776787	1.04423633	697,956,790	5,015	0.61921%	0.02559%
17	SL2/SL2M/GSCU1	96.393%	104,537,486	12,380	1.05776787	1.04423633	109,161,841	13,095	0.09685%	0.06683%
19	TOTAL		108,031,901,299	18,540,291			112,718,035,741	19,595,396	100.00000%	100.00000%

^(a) AVG 12 CP load factor based on 2013-2015 load research data and 2017 projections.

^(b) Projected kwh sales for the period January 2018 through December 2018.

^(c) Calculated: Col(3)/(8760 hours * Col(2))

^(d) Based on 2017 demand losses.

^(e) Based on 2017 energy losses.

^(f) Col(3) * Col(6)

^(g) Col(4) * Col(5)

^(h) Col(7) / Total for Col(7)

⁽ⁱ⁾ Col(8) / Total for Col(8)

Note: There are currently no customers taking service on Schedules ISST1(D) and ISST1(T). Should any customer begin taking service on these schedules during the period, they will be billed using the applicable SST1 factor.

Totals may not add due to rounding.

Turkey Point Units 6 & 7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Estimated Rate Impact

Schedule P-8

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 170009-EI

EXPLANATION: Using the most recent billing determinants and allocation factors available, provide an estimate of the rate impact by class of the costs requested for recovery.

For the Year Ended 12/31/2018
 Witness: Jennifer Grant-Keene

CALCULATION OF CAPACITY PAYMENT RECOVERY FACTOR
ESTIMATED FOR THE PERIOD OF: JANUARY 2018 THROUGH DECEMBER 2018

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	RATE SCHEDULE	Percentage of Sales at Generation (%) (a)	Percentage of Demand at Generation (%) (b)	Energy Related Cost (\$) (c)	Demand Related Cost (\$) (d)	Total Capacity Costs (\$) (e)	Projected Sales at Meter (kwh) (f)	Billing KW Load Factor (%) (g)	Projected Billed KW at Meter (KW) (h)	Capacity Recovery Factor (\$/KW) (i)	Capacity Recovery Factor (\$/kwh) (j)	RDC (\$/KW) (k)	SDD (\$/KW) (l)
4	RS1/RTR1	53.25397%	58.79541%	(\$299,470)	(\$3,967,584)	(\$4,267,054)	57,483,949,536	-	-	-	(0.00007)	-	-
5	GS1/GST1	5.56609%	5.77208%	(\$31,301)	(\$389,507)	(\$420,807)	6,008,203,182	-	-	-	(0.00007)	-	-
6	GSD1/GSDT1/HLFT1	24.06472%	21.79607%	(\$135,326)	(\$1,470,825)	(\$1,606,151)	25,977,598,105	49.84229%	71,396,701	(0.02)	-	-	-
7	OS2	0.00985%	0.00501%	(\$55)	(\$338)	(\$394)	10,819,466	-	-	-	(0.00004)	-	-
8	GSLD1/GSLDT1/CS1/CST1/HL	9.78836%	8.63791%	(\$55,044)	(\$582,896)	(\$637,941)	10,572,732,222	58.50168%	24,756,887	(0.03)	-	-	-
9	GSLD2/GSLDT2/CS2/CST2/HL	2.31528%	1.72512%	(\$13,020)	(\$116,413)	(\$129,433)	2,513,919,140	66.18315%	5,203,326	(0.02)	-	-	-
10	GSLD3/GSLDT3/CS3/CST3	0.15861%	0.11752%	(\$892)	(\$7,930)	(\$8,822)	175,793,917	64.49420%	373,388	(0.02)	-	-	-
11	SST1T	0.08090%	0.05258%	(\$455)	(\$3,548)	(\$4,003)	89,667,754	12.32043%	996,983	-	-	(\$0.00)	(\$0.00)
12	SST1D1/SST1D2/SST1D3	0.01080%	0.00887%	(\$61)	(\$598)	(\$659)	11,856,926	29.33276%	55,373	-	-	(\$0.00)	(\$0.00)
13	CILC D/CILC G	2.56956%	1.93699%	(\$14,450)	(\$130,710)	(\$145,160)	2,790,632,003	73.96625%	5,168,281	(0.03)	-	-	-
14	CILC T	1.38272%	0.98645%	(\$7,776)	(\$66,567)	(\$74,343)	1,532,560,735	76.16413%	2,756,413	(0.03)	-	-	-
15	MET	0.08309%	0.07358%	(\$467)	(\$4,965)	(\$5,432)	91,241,144	64.16476%	194,792	(0.03)	-	-	-
16	OL1/SL1/SL1M/PL1/LT1	0.61921%	0.02559%	(\$3,482)	(\$1,727)	(\$5,209)	668,389,683	-	-	-	(0.00001)	-	-
17	SL2/SL2M/GSCU1	0.09685%	0.06683%	(\$545)	(\$4,510)	(\$5,054)	104,537,486	-	-	-	(0.00005)	-	-
18													
19	TOTAL			(\$562,343)	(\$6,748,119)	(\$7,310,462)	108,031,901,299		110,902,144				

21 (a) Obtained from Page 1, Col(9)
 22 (b) Obtained from Page 1, Col(10)
 23 (c) (Total Capacity Costs/13) * Col(2)
 24 (d) (Total Capacity Costs/13 * 12) * Col(3)
 25 (e) Col(4) + Col(5)
 26 (f) Projected kwh sales for the period January 2018 through December 2018.
 27 (g) (kWh sales / 8760 hours)/((avg customer NCP)/(8760 hours))
 28 (h) Col(7) / (Col(8) *730)
 29 (i) Col(6) / Col(9)
 30 (j) Col(6) / Col(7)
 31 (k) RDC = Reservation Demand Charge - (Total Col 6)/(Page 1 Total Col 8)/(Page 1 Col 5)/12 Months
 32 (l) SDD = Sum of Daily Demand Charge - (Total Col 6)/(Page 1 Total Col 8)/(21 onpeak days)/(Page 1 Col 5)/12 Months
 33
 34 Note: There are currently no customers taking service on Schedules ISST1(D) and ISST1(T). Should any customer begin
 35 taking service on these schedules during the period, they will be billed using the applicable SST1 factor.

Totals may not add due to rounding.

Pre-Construction True-Up To Original

2018

FLORIDA POWER & LIGHT COMPANY
Turkey Point Units 6&7 - Pre-Construction Costs
NCRC Summary - Dkt. 170009

Schedule TOR-1 (True-up to Original)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Show the jurisdictional amounts used to calculate the final true-up, estimated true-up, projection, deferrals, and recovery of deferrals for each project included in the NCRC. The sum of the amounts should be the total amount requested for recovery in the projected period.

For the Period Ended 12/31/2018

COMPANY: FLORIDA POWER LIGHT & COMPANY

Witness: Jennifer Grant-Keene

DOCKET NO.170009-EI

Line No.	Costs by Project	2015			2016			2017	2018	Subtotals	Deferred Recovery			Net Amounts
		A (b)	B	C (B)-(A)	D (b)	E	F (E)-(D)	G	H	I (C)+(F)	J	K	L	M
		Approved Actual & Estimated Amounts in Docket No. 150009-EI	Final Actual Amounts in Docket No. 170009-EI	Final True-up for 2015	Approved Projected Amounts in Docket No. 150009-EI	Final Actual Amounts in Docket No. 170009-EI (d)	Final True-up for 2016	Actual & Estimated Amounts for 2017 in Docket No. 170009-EI (e)	Initial Projected Amounts for 2018 in Docket No. 170009-EI (e)	Amounts to be Recovered in Docket No. 170009-EI (d)	Increase in Deferred Balance	Decrease in Deferred Balance	2018 Deferred Balance	Net Amount Requested for Recovery in 2018 in Docket No. 170009-EI

Site Selection Costs (c)

Jurisdictional Dollars

1	Additions													
2	Carrying Costs - Construction													
3	Carrying Costs - DTA/(DTL)													
4	O&M													
5	Base Rate Revenue Requirements													
6	Subtotal (Sum 1-5)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Pre-Construction Costs

10	Additions (a)	\$18,638,220	\$17,309,494	(\$1,328,727)	\$21,057,310	\$15,673,982	(\$5,383,328)	N/A	N/A	(\$6,712,054)	-	-	-	(\$6,712,054)
11	Carrying Costs - Construction	(\$62,774)	(\$57,109)	\$5,665	\$246,400	\$26,460	(\$219,940)	N/A	N/A	(\$214,274)	-	-	-	(\$214,274)
12	Carrying Costs - DTA/(DTL)	\$6,709,332	\$6,725,838	\$16,505	\$7,376,121	\$6,980,591	(\$395,530)	N/A	N/A	(\$379,024)	-	-	-	(\$379,024)
13	O&M	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0	-	-	-	\$0
14	Base Rate Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0	-	-	-	\$0
15	Subtotal (Sum 10-14)	\$25,284,779	\$23,978,223	(\$1,306,556)	\$28,679,830	\$22,681,033	(\$5,998,797)	N/A	N/A	(\$7,305,353)	\$0	\$0	\$0	(\$7,305,353)

Construction Costs

19	CWIP Balance													
20	Carrying Costs - Construction													
21	Carrying Costs - DTA/(DTL)													
22	O&M													
23	Base Rate Revenue Requirements													
24	Subtotal (Sum 20-23)	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0	\$0	\$0	\$0	\$0
26	Total (Sum 6,15,24)	\$25,284,779	\$23,978,223	(\$1,306,556)	\$28,679,830	\$22,681,033	(\$5,998,797)	N/A	N/A	(\$7,305,353)	\$0	\$0	\$0	(\$7,305,353)

(a) Additions are pre-construction costs that, absent Section 366.93, F.S., would be recorded as CWIP.

(b) The amounts referenced were approved by the Commission in Docket No. 150009-EI (see Order No. PSC-15-0521-FOF-EI).

(c) Refer to Site Selection TORs for further details.

(d) Initial assessment costs reflected on TOR-6 are not included in additions for 2016 Final True Up. FPL is not seeking to recover these costs at this time.

(e) FPL is not seeking FPSC review or recovery of 2017 and 2018 costs at this time.

* Totals may not add due to rounding

Turkey Point Units 6&7
Site Selection, Pre-Construction Costs, and Carrying Costs on Construction Cost Balance
True-up to Original: Budgeted and Actual Power Plant In-Service Costs

Schedule TOR-2 (True-Up to Original)

[Section (8)(f)]

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Report the budgeted and actual costs as compared to the estimated in-service costs of the proposed power plant as provided in the petition for need determination or revised estimate as necessary.

For the Period Ended

12/31/2018

COMPANY: Florida Power & Light Company

DOCKET NO.170009-EI

Witness: Jennifer Grant-Keene and Steven D. Scroggs

Line No.		Actual Costs as of December 31, 2016	Remaining Budget Costs to Complete Plant		Total Estimated In-Service Cost		Estimated Cost Provided in the Petition for Need determination	
			Low Range	High Range	Low Range	High Range	Low Range	High Range
1	Site Selection	\$6,118,105	\$0	\$0	\$6,118,105	\$6,118,105	\$8,000,000	\$8,000,000
2	Pre-Construction	\$253,680,617	\$93,125,585	\$128,958,195	\$346,806,203	\$382,638,812	\$465,000,000	\$465,000,000
3	Construction	\$0	\$11,155,665,197	\$16,406,703,271	\$11,155,665,197	\$16,406,703,271	\$8,149,000,000	\$12,124,000,000
4	Carrying Charges & AFUDC	\$48,281,188	\$3,405,359,711	\$5,031,009,079	\$3,453,640,899	\$5,079,290,267	\$3,461,000,000	\$5,160,000,000
5	Total	<u>\$308,079,911</u>	<u>\$14,654,150,493</u>	<u>\$21,566,670,544</u>	<u>\$14,962,230,404</u>	<u>\$21,874,750,455</u>	<u>\$12,083,000,000</u>	<u>\$17,757,000,000</u>

6 (a) Actual Sunk Costs represent costs incurred on the project as of December 31, 2016. This amount does not include any termination or other
7 cancellation costs that could be incurred in the event of project cancellation or deferral.

8 (b) Carrying Costs on (over)/under recoveries are not included as part of Sunk Costs.

9 (c) AFUDC is calculated on the non-incremental costs total company and includes carrying costs.

10 (d) Actual AFUDC through December 31, 2016 represents the retail jurisdictional portion.

11

12 *Totals may not add due to rounding.

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Summary of Annual Clause Recovery Amounts

Schedule TOR-3 (True-up to Original)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of the actual to date and projected total amounts for the project.

COMPANY: FLORIDA POWER LIGHT & COMPANY

For the Period Ended 12/31/2018

DOCKET NO. 170009-EI

Witness: Jennifer Grant-Keene and Steven D. Scroggs

Line No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(L)	(K)	(M)	(N)	(O)
		Actual 2006	Actual 2007	Actual 2008	Actual 2009	Actual 2010	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Actual 2016 (b)	Total Actual	Actual/Estimated 2017 (c)	Projected 2018 (c)	To-Date Total Through 12/31/2018
Jurisdictional Dollars																
1	Site Selection Category (a)															
	a. Additions															
	b. O&M															
	c. Carrying Costs on (over)/under recoveries															
	d. Carrying Costs on DTA/(DTL)															
	e. Total Site Selection Amounts (Lines 1.a through 1.d)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Pre-Construction Category															
	a. Additions	\$0	\$2,522,692	\$47,049,854	\$37,599,045	\$25,287,720	\$22,877,377	\$29,034,114	\$28,209,654	\$18,448,666	\$17,309,494	\$15,673,982	\$244,012,597	N/A	N/A	\$244,012,597
	b. O&M	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0
	c. Carrying Costs on (over)/under recoveries	\$0	\$20,555	\$2,204,114	(\$691,521)	(\$9,331,680)	(\$5,974,180)	(\$2,666,490)	(\$1,525,282)	(\$1,179,841)	(\$57,109)	\$26,460	(\$19,174,974)	N/A	N/A	(\$19,174,974)
	d. Carrying Costs on DTA/(DTL)	\$0	(\$8)	(\$4,359)	\$1,549,215	\$3,481,362	\$4,418,565	\$5,406,452	\$6,190,204	\$6,149,897	\$6,725,838	\$6,980,591	\$40,897,755	N/A	N/A	\$40,897,755
	e. Total Pre-Construction Amounts (Lines 2.a through 2.d)	\$0	\$2,543,239	\$49,249,608	\$38,456,738	\$19,437,402	\$21,321,762	\$31,774,076	\$32,874,575	\$23,418,721	\$23,978,223	\$22,681,033	\$265,735,378	N/A	N/A	\$265,735,378
3	Construction Category															
	Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CWIP Base Eligible for a return	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	a. O&M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	b. Carrying Costs on Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	c. Carrying Costs on DTA/(DTL)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	d. Total Construction Amounts (Lines 3.a through 3.c)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0
4	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A	\$0
5	Total Actual Annual Amounts (Lines 1.e + 2.e + 3.d + 4)	\$0	\$2,543,239	\$49,249,608	\$38,456,738	\$19,437,402	\$21,321,762	\$31,774,076	\$32,874,575	\$23,418,721	\$23,978,223	\$22,681,033	\$265,735,378	N/A	N/A	\$265,735,378
6	Original Projected Total Annual Amounts	\$0	\$2,543,239	\$73,042,554	\$116,885,727	\$91,627,859	\$31,310,395	\$36,642,378	\$34,813,272	\$23,970,235	\$19,183,748	\$21,057,310	\$451,076,717	N/A	N/A	\$451,076,717
7	Difference (Line 5 - Line 6)	\$0	\$0	(\$23,792,946)	(\$78,428,989)	(\$72,190,457)	(\$9,988,634)	(\$4,868,302)	(\$1,938,697)	(\$551,513)	\$4,794,475	\$1,623,724	(\$185,341,339)	N/A	N/A	(\$185,341,339)
8	Percent Difference [(7 ÷ 6) x 100%]	N/A	N/A	-33%	-67%	-79%	-32%	-13%	-6%	-2%	25%	8%	-41%	N/A	N/A	N/A

9 (a) Refer to Site Selection TORs for further details.

10 (b) Initial Assessment costs reflected on TOR-6 are not included in additions for 2016 Actual costs. FPL is not seeking to recover these costs at this time.

11 (c) FPL is not seeking FPSC review or recovery of 2017 and 2018 project costs at this time.

12 * Totals may not add due to rounding

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up to Original: Pre-Construction Capital Additions/Expenditures

Schedule TOR-6 (True-up to Original)

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the actual to date and projected annual expenditures by major tasks performed within pre-construction for the project.

For the Period Ended 12/31/2018

COMPANY: FLORIDA POWER LIGHT & COMPANY

All pre-construction category costs also included in site selection costs or construction costs must be identified.

Witness: Jennifer Grant-Keene and Steven D. Scroggs

DOCKET NO. 170009-EI

Line No.	Description	(A) Actual 2007	(B) Actual 2008	(C) Actual 2009	(D) Actual 2010	(E) Actual 2011	(F) Actual 2012	(G) Actual 2013	(H) Actual 2014	(I) Actual 2015	(J) Actual 2016	(K) Total Actual	(L) Actual/Estimated 2017 (c)	(M) Projections 2018 (c)
1	Pre-Construction:													
2														
3	Generation:													
4	Licensing	\$2,017,181	\$31,085,381	\$30,271,612	\$23,181,548	\$19,339,344	\$22,569,507	\$25,637,988	\$16,072,491	\$14,778,172	\$14,056,556	\$199,009,779	N/A	N/A
5	Permitting	\$516,084	\$1,694,555	\$991,090	\$1,223,203	\$679,397	\$1,004,333	\$1,231,174	\$414,704	\$187,118	\$221,004	\$8,162,662	N/A	N/A
6	Engineering and Design	\$0	\$3,542,947	\$6,445,161	\$1,185,396	\$3,132,238	\$5,991,791	\$1,859,326	\$2,916,303	\$3,326,281	\$3,105,727	\$31,505,170	N/A	N/A
7	Long lead procurement advanced payments	\$0	\$10,860,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,860,960	N/A	N/A
8	Power Block Engineering and Procurement	\$0	\$31,789	\$23,662	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$55,451	N/A	N/A
9	Initial Assessment (a)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,480,242	\$809,801	\$2,290,043	N/A	N/A
10	Total Generation Costs	\$2,533,265	\$47,215,633	\$37,731,525	\$25,590,147	\$23,150,978	\$29,565,631	\$28,728,488	\$19,403,498	\$19,771,813	\$18,193,088	\$251,884,066	N/A	N/A
11	Adjustments													
12	Non-Cash Accruals	\$587,128	\$6,678,052	(\$4,978,314)	\$931,345	\$1,204,389	\$0	\$0	\$0	\$0	\$0	\$4,422,600	N/A	N/A
13	Other Adjustments (b)	(\$14,344)	(\$176,256)	(\$187,874)	(\$110,607)	(\$137,153)	\$0	\$0	\$0	\$1,480,242	\$1,618,052	\$2,472,059	N/A	N/A
14	Total Adjustments	\$572,783	\$6,501,796	(\$5,166,188)	\$820,738	\$1,067,236	\$0	\$0	\$0	\$1,480,242	\$1,618,052	\$6,894,659	N/A	N/A
15														
16	Total Generation Costs Net of Adjustments (Line 10 - Line 14)	\$1,960,482	\$40,713,837	\$42,897,713	\$24,769,409	\$22,083,742	\$29,565,631	\$28,728,488	\$19,403,498	\$18,291,571	\$16,575,036	\$244,989,407	N/A	N/A
17	Jurisdictional Factor	0.9958265	0.99648888	0.99648888	0.98818187	0.98818187	0.98202247	0.98194011	0.95079073	0.94630981	0.94563790		N/A	N/A
18	Total Jurisdictional Generation Costs Net of Adjustments	\$1,952,300	\$40,570,886	\$42,747,094	\$24,476,681	\$21,822,754	\$29,034,114	\$28,209,654	\$18,448,666	\$17,309,494	\$15,673,982	\$240,245,624	N/A	N/A
19														
20	Transmission:													
21	Line Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
22	Substation Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
23	Clearing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
24	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
25	Total Transmission Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
26	Jurisdictional Factor	0.99412116	0.99412116	0.99412116	0.88696801	0.88696801	0.90431145	0.89472420	0.88498196	0.88498196	0.88718019		N/A	N/A
27	Total Jurisdictional Transmission Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
28	Adjustments													
29	Non-Cash Accruals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
30	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
31	Total Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
32	Jurisdictional Factor	0.99412116	0.99412116	0.99412116	0.88696801	0.88696801	0.90431145	0.89472420	0.88498196	0.88498196	0.88718019		N/A	N/A
33	Total Jurisdictional Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
34														
35	Total Jurisdictional Transmission Costs Net of Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N/A	N/A
36														
37	Total Jurisdictional Pre-Construction Costs	\$1,952,300	\$40,570,886	\$42,747,094	\$24,476,681	\$21,822,754	\$29,034,114	\$28,209,654	\$18,448,666	\$17,309,494	\$15,673,982	\$240,245,624	N/A	N/A
38														
39	Construction:													
40														
41	N/A- At this stage, construction has not commenced.													
42														
43														
44	(a) Reflected on line 9 are initial assessment costs which FPL is not seeking to recover at this time, and therefore these costs are adjusted out on line 13. Instead, FPL will capitalize these costs as incurred and accrue allowance for funds used during construction (AFUDC).													
45	(b) Reflects adjustments for Initial Assessment costs and Property Held for Future Use.													
46	(c) FPL is not seeking FPSC review or recovery of 2017 and 2018 project costs at this time.													
47														
48														
49	* Totals may not add due to rounding													

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Power Plant Milestones

Schedule TOR-7 (True-up to Original)

[Section (6)(c)1.c.]

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide initial project milestones in terms of costs, budget levels, initiation dates and completion dates.

For the Period Ended 12/31/2018

COMPANY: FLORIDA POWER & LIGHT COMPANY

Provide all revised milestones and reasons for each revision.

Witness: Steven D. Scroggs

DOCKET NO.: 170009-EI

Line
No.

Line No.		Initial Milestones	Revised Milestones	Reasons for Variance(s)
1				
2				
3	Licensing/Permits/Authorizations/Legal	Initiate 2007	no change	N/A
4		Complete 2012	2017	Current expectation for COL issuance
5	Site/Site Preparation	Initiate 2010	Under Review	Construction will await license approvals
6		Complete 2012	Under Review	Initial date has changed
7	Related Facilities ¹	Initiate 2010	Under Review	Construction will await license approvals
8		Complete 2018/2020	Under Review	Initial date has changed
9	Generation Plant	Initiate 2013/2015	Under Review	Construction will await license approvals
10		Complete 2018/2020	Under Review	Initial date has changed
11	Transmission Facilities	Initiate 2010	Under Review	Construction will await license approvals
12		Complete 2020	Under Review	Initial date has changed

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Estimated Cost Provided in the Petition for Need Determination (in millions)			
Year	Case A	Case B	Case C
2006	\$4	\$4	\$4
2007	\$8	\$8	\$8
2008	\$113	\$113	\$113
2009	\$223	\$223	\$223
2010	\$373	\$373	\$373
2011	\$523	\$523	\$523
2012	\$1,293	\$1,183	\$1,506
2013	\$2,483	\$2,201	\$3,025
2014	\$4,023	\$3,521	\$4,993
2015	\$6,091	\$5,291	\$7,632
2016	\$8,522	\$7,373	\$10,736
2017	\$10,610	\$9,161	\$13,402
2018	\$12,705	\$10,956	\$16,077
2019	\$13,431	\$11,578	\$17,005
2020	\$14,020	\$12,082	\$17,757
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			

Total Current Estimated in Service Costs (in millions)		
Year	Low Range	High Range
2006	\$11	\$11
2007	\$73	\$73
2008	\$122	\$122
2009	\$155	\$155
2010	\$185	\$185
2011	\$223	\$224
2012	\$261	\$261
2013	\$286	\$287
2014	\$312	\$312
2015	\$335	\$336
2016	\$360	\$361
2017	\$371	\$377
2018	\$376	\$384
2019	\$381	\$391
2020	\$383	\$395
2021	\$459	\$506
2022	\$523	\$601
2023	\$1,080	\$1,421
2024	\$2,301	\$3,220
2025	\$4,109	\$5,885
2026	\$6,310	\$9,127
2027	\$8,655	\$12,582
2028	\$10,814	\$15,763
2029	\$12,792	\$18,677
2030	\$14,552	\$21,271
2031	\$14,962	\$21,875
2032		

(1) Turkey Point Unit 6 targeted for 2031, Unit 7 targeted for 2032.
 Values include Site Selection, Pre-Construction and Construction Costs.

Steps to Obtain Key State and Federal Licenses for Turkey Point 6 & 7



Licensing Activity	2015	2016	2017
Site Certification			
Siting Board/Certification			
Potential Appeal	[Bar]		
Final Unappealable Certification ¹		[X]	
Army Corps of Engineers Application			
404(b) Public Notice	[■]		
Least Environmentally Damaging Practicable Alternative Review	[Bar]		
Final Record of Decision			[■]
Permit Issued			[X]
Combined License Application (COLA)			
Revised COLA Schedule			
Safety Review	[Bar]		
Advanced Final Safety Evaluation Report (SER)		[■]	
Advisory Committee on Reactor Safeguards Meeting		[■]	
Final SER			[■]
Environmental Review	[■]		
Draft Environmental Impact Statement (EIS)	[■]		
Completion of EIS	[Bar]		
Final EIS			[■]
Atomic Safety and Licensing Board Hearing ²			[Bar]
NRC COL Decision ²			[X]

All future dates are estimated based on recent state or federal communications.

¹To be determined pending resolution of April 20, 2016 Third DCA Opinion

²COL decision timing is estimated

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 11
PARTY: FLORIDA POWER & LIGHT COMPANY (FPL) – (DIRECT)
DESCRIPTION: Steven Scroggs SDS-10

Florida Power & Light Company
Final True-Up of 2015 Revenue Requirements
 (Jurisdictional Dollars)
 Exhibit JGK-1

March 1, 2017 True-up filing (Docket No. 170009-EI)			
Line No.	(A)	(B)	(C)
	2015 AE Docket No. 150009	2015 T Docket No. 170009	Net Costs to be Refunded (Over)/Under Recovery 2018
1	Turkey Point 6 & 7 Project		
2	<u>Site Selection Costs</u>		
	\$0	\$0	\$0
3	Carrying Costs		
	\$158	\$158	\$0
4	Carrying Costs on Deferred Tax Asset/(Deferred Tax Liability)		
	\$159,586	\$159,930	\$344
5	Total Carrying Costs		
	\$159,744	\$160,088	\$345
6	Total Site Selection		
	\$159,744	\$160,088	\$345
7			
8	<u>Pre-construction Costs</u>		
	\$18,638,220	\$17,309,494	(\$1,328,727)
9	Carrying Costs		
	(\$62,774)	(\$57,109)	\$5,665
10	Carrying Costs on Deferred Tax Asset/(Deferred Tax Liability)		
	\$6,709,332	\$6,725,838	\$16,505
11	Total Carrying Costs		
	\$6,646,558	\$6,668,729	\$22,171
12	Total Pre-construction		
	\$25,284,779	\$23,978,223	(\$1,306,556)
13	Total Turkey Point 6 & 7 Project		
	\$25,444,523	\$24,138,311	(\$1,306,211)

Totals may not add due to rounding

FLORIDA PUBLIC SERVICE COMMISSION
 DOCKET: 20170009-EI EXHIBIT: 12
 PARTY: FLORIDA POWER & LIGHT COMPANY (FPL) –
 (DIRECT)
 DESCRIPTION: Jennifer Grant-Keene JGK-1

Florida Power & Light Company
Final True-Up of 2016 Revenue Requirements
(Jurisdictional Dollars)
Exhibit JGK-2

March 1, 2017 True-up filing (Docket No. 170009-EI)				
Line No.		(A)	(B)	(C)
		2016 P Docket No. 150009	2016 T Docket No. 170009	Net Costs to be Refunded (Over)/Under Recovery 2018
1	Turkey Point 6 & 7 Project			
2	<u>Site Selection Costs</u>	\$0	\$0	\$0
3	Carrying Costs	\$27	(183)	(\$210)
4	Carrying Costs on Deferred Tax Asset/(Deferred Tax Liability)	\$159,561	159,578	\$17
5	Total Carrying Costs	\$159,588	\$159,395	(\$193)
6	Total Site Selection	\$159,588	\$159,395	(\$193)
7				
8	<u>Pre-construction Costs</u>	\$21,057,310	\$15,673,982	(\$5,383,328)
9	Carrying Costs	\$246,400	\$26,460	(\$219,940)
10	Carrying Costs on Deferred Tax Asset/(Deferred Tax Liability)	\$7,376,121	6,980,591	(\$395,530)
11	Total Carrying Costs	\$7,622,521	\$7,007,051	(\$615,469)
12	Total Pre-construction	\$28,679,830	\$22,681,033	(\$5,998,797)
13	Total Turkey Point 6 & 7 Project	\$28,839,419	\$22,840,428	(\$5,998,991)

Totals may not add due to rounding

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 13
PARTY: FLORIDA POWER & LIGHT COMPANY (FPL) –
(DIRECT)
DESCRIPTION: Jennifer Grant-Keene JGK-2

**Florida Power Light Company
2018 Revenue Requirements (In Jurisdictional \$)
Exhibit JGK-3**

Line No.	(1) Dkt. # 150009 2015 Actual/Estimated Costs	(2) Dkt. # 170009 2015 Actual Costs	(3)=(1)+(2) Dkt. #170009 2015 (Over)/Under Recovery	(4) Dkt. # 150009 2016 Projected Costs	(5) Dkt. # 170009 2016 Actual Costs	(6)=(4)+(5) Dkt. # 170009 2016 (Over)/Under Recovery	(7)=(3)+(6) Net Costs to be Recovered/(Returned) in 2018	
Turkey Point 6 & 7 Site Selection								
1								
2	Site Selection Costs	\$0	\$0	\$0	\$0	\$0	\$0	
3								
4	Carrying Costs (b)	\$158	\$158	\$0	\$27	(\$183)	(\$210)	
5	Carrying Costs on DTA/DTL (c)	\$159,586	\$159,930	\$344	\$159,561	\$159,578	\$17	
6	Total Carrying Costs	\$159,744	\$160,088	\$345	\$159,588	\$159,395	(\$193)	
7								
8	Recovery of Costs & Carrying Costs	<u>\$159,744</u>	<u>\$160,088</u>	<u>\$345</u>	<u>\$159,588</u>	<u>\$159,395</u>	<u>(\$193)</u>	
9								
10								
11	Turkey Point 6 & 7 Preconstruction							
12								
13	Pre-Construction Costs (a)	\$18,638,220	\$17,309,494	(\$1,328,727)	\$21,057,310	\$15,673,982	(\$5,383,328)	
14								
15	Carrying Costs (b)	(\$62,774)	(\$57,109)	\$5,665	\$246,400	\$26,460	(\$219,940)	
16	Carrying Costs on DTA/DTL (c)	\$6,709,332	\$6,725,838	\$16,505	\$7,376,121	\$6,980,591	(\$395,530)	
17	Total Carrying Costs/ O&M and interest	\$6,646,558	\$6,668,729	\$22,171	\$7,622,521	\$7,007,051	(\$615,469)	
18								
19	Recovery of Costs & Carrying Costs (d)	<u>\$25,284,779</u>	<u>\$23,978,223</u>	<u>(\$1,306,556)</u>	<u>\$28,679,830</u>	<u>\$22,681,033</u>	<u>(\$5,998,797)</u>	
20								
21	Total Turkey Point 6 & 7	<u>\$25,444,523</u>	<u>\$24,138,311</u>	<u>(\$1,306,211)</u>	<u>\$28,839,419</u>	<u>\$22,840,428</u>	<u>(\$5,998,991)</u>	
22								
23								
24								
25	Total Recovery	<u>\$25,444,523</u>	<u>\$24,138,311</u>	<u>(\$1,306,211)</u>	<u>\$28,839,419</u>	<u>\$22,840,428</u>	<u>(\$5,998,991)</u>	
26								
27								
28								
29	Notes:							
30	(a) Pre-construction Costs are expenditures on major tasks performed.							
31	(b) Carrying Costs are costs calculated on the average of the sum of CWIP Charges, Adjustments and Unamortized Carrying Costs from prior years less Monthly Amortization at the most recent effective AFUDC Rate.							
32	(c) Current Year Carrying Costs on Deferred Tax Asset/Deferred Tax Liability are costs calculated on the average recovered costs excluding AFUDC/Transfer to Plant at the most recent AFUDC Rate.							
33	(d) FPL is not seeking FPSC review or recovery of 2017 and 2018 costs at this time.							
34								
35								
36								
37	*Totals may not add due to rounding							

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 14
PARTY: FLORIDA POWER & LIGHT COMPANY
(FPL) – (DIRECT)
DESCRIPTION: Jennifer Grant-Keene JGK-3

Exhibit not moved

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 15
PARTY: CITY OF MIAMI – (DIRECT)
DESCRIPTION: Eugene T. Meehan ETM-1

Exhibit not moved

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 16
PARTY: CITY OF MIAMI – (DIRECT)
DESCRIPTION: Eugene T. Meehan ETM-2

Exhibit not moved

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 17
PARTY: CITY OF MIAMI – (DIRECT)
DESCRIPTION: Eugene T. Meehan ETM-3

Exhibit not moved

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 18
PARTY: CITY OF MIAMI – (DIRECT)
DESCRIPTION: Eugene Meehan ETM-4

Exhibit not moved

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 19
PARTY: CITY OF MIAMI – (DIRECT)
DESCRIPTION: Eugene Meehan ETM-5

Exhibit not moved

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 20
PARTY: CITY OF MIAMI – (DIRECT)
DESCRIPTION: Eugene Meehan ETM-6

Exhibit not moved

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 21
PARTY: CITY OF MIAMI – (DIRECT)
DESCRIPTION: Eugene Meehan ETM-7

State of Florida



Public Service Commission

Office of Auditing and Performance Analysis
Bureau of Auditing
Miami District Office

Auditor's Report

Florida Power & Light Company
Nuclear Cost Recovery Clause
Turkey Point Units 6 & 7

Twelve Months Ended December 31, 2016

Docket No. 170009-EI
Audit Control No. 17-006-4-1
May 31, 2017

A handwritten signature in blue ink, appearing to read "Iliana H. Piedra".

Iliana H. Piedra
Audit Manager

A handwritten signature in blue ink, appearing to read "Marisa Glover".

Marisa Glover
Reviewer

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 22
PARTY: STAFF (PREFILED DIRECT)
DESCRIPTION: Iliana H. Piedra IHP-1

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2: Schedule T-1 True-Up of Pre-Construction Cost	6

Purpose

To: Florida Public Service Commission

We have performed the procedures described later in this report to meet the objectives set forth by the Office of Industry Development and Market Analysis in its audit service request dated January 5, 2017. We have applied these procedures to the attached schedules prepared by Florida Power & Light Company, and to several of its related schedules in support of its 2016 filing for the Nuclear Cost Recovery Clause (Turkey Point Units 6 & 7 Project) in Docket No. 170009-EI.

This audit was performed following General Standards and Fieldwork Standards found in the AICPA Statements on Standards for Attestation Engagements. The report is intended only for internal Commission use.

Objectives and Procedures

General

Definitions

Site selection costs, are costs that are expended prior to the selection of a site.

Pre-construction costs, are costs that are expended after a site has been selected in preparation for the construction of a nuclear power plant, incurred up to and including the date the utility completes site clearing work.

FPL/Utility refers to Florida Power & Light Company.

CCRC refers to Capacity Cost Recovery Clause.

NCRC refers to Nuclear Cost Recovery Clause.

Objectives: The objective was to determine whether the Utility's 2016 NCRC filings in Docket No. 170009-EI are consistent and in compliance with Section 366.93, Florida Statutes (F.S.), and Rule 25-6.0423, Florida Administrative Code (F.A.C.)

Procedures: We performed the following specific objectives and procedures to satisfy the overall objective identified above.

Construction Work in Progress (CWIP)

Objectives: The objectives were to verify that pre-construction costs listed on the Utility's Schedule T-6 filing were supported by adequate documentation and that the capital additions were appropriately recoverable through the NCRC and in compliance with Section 366.93, F.S. and Rule 25-6.043, F.A.C.

Procedures: We sampled and verified the monthly pre-construction expenditures and traced to invoices and other supporting documentation including contracts. We verified various sample items to purchase orders for contracts over \$250,000. We verified a sample of salary expenses and traced to time sheets. We verified a sample of legal fees and traced to invoices. We recalculated Schedule T-6. No exceptions were noted.

Recovery

Objectives: The objectives were to determine whether the Utility used the Commission approved CCRC factors to bill customers for the period January 1, 2016 through December 31, 2016 and whether Schedules T-2 and T-3 reflect the amounts in Order No. PSC-15-0521-FOF-EI, issued November 3, 2015.

Procedures: We verified the amount collected on the Schedule T-1 to the NCRC jurisdictional amount approved in Order No. PSC-15-0521-FOF-EI, and to the CCRC and verified that the approved factor was used to bill the customers. No exceptions were noted.

Carrying Cost on Deferred Tax Adjustment

Objectives: The objectives were to determine whether Schedule T-3A - Carrying Cost on Deferred Tax Assets (DTA) included the correct balances from the supporting schedules and the deferred tax adjustment is accurately calculated.

Procedures: We traced the projected and estimated True-Up amount to prior NCRC Orders. We traced the beginning balances included in the schedule to the prior audit. We reconciled the monthly recovered costs to the supporting schedules in the filing. We traced the Allowance for Funds Used During Construction (AFUDC) rate applied to the rates approved in Order No. PSC-14-0193-PAA-EI, issued April 25, 2014. We recalculated Schedule T-3A and verified the Final True-Up amount. No exceptions were noted.

Other Issues

Objectives: The objectives were to determine whether the carrying cost for site selection and pre-construction costs listed on the Utility's Schedule T-2 include the correct balances from the supporting schedules of the filing and were appropriately calculated.

Procedures: We traced the projected and estimated true-up amounts to prior NCRC Orders. We traced the beginning balances included in the schedule to the prior docket. We reconciled the monthly costs to the supporting schedules in the filing. We traced the AFUDC rate applied by the Utility to the rate approved in Order No. PSC-14-0193-PAA-EI. We recalculated Schedule T-2 and verified the Final True-Up. No exceptions were noted.

True-Up

Objectives: The objective was to determine whether the final True-Up filed on Schedule T-1 was properly calculated.

Procedures: We traced the December 31, 2015, Site Selection and Pre-Construction True-Up Provisions to the Commission Order. We recalculated the True-Up and Interest Provision amounts as of December 31, 2016 using the Commission approved beginning balances as of December 31, 2015, the approved AFUDC interest rate, and the 2016 costs. No exceptions were noted.

Audit Findings

None

Exhibits

Exhibit 1: Schedule T-1 True-Up of Site Selection Cost

Schedule T-1 (True-up)		Turkey Point Units 6&7 Site Selection Carrying Cost on Site Selection Cost Balance True-up Filing: Retail Revenue Requirements Summary						[Section (6)(c)1.a.]
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: FLORIDA POWER & LIGHT COMPANY DOCKET NO.: 170009-EI		EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual carrying cost for the prior year and the previously filed costs.						For the Year Ended 12/31/2016 Witness: Jennifer Grant-Keene
Line No.		(A) Actual January	(B) Actual February	(C) Actual March	(D) Actual April	(E) Actual May	(F) Actual June	(G) 6 Month Total
Jurisdictional Dollars								
1	Site Selection Revenue Requirements (Schedule T-2, Line 7)	\$57	\$53	\$46	\$39	\$32	\$25	\$254
2	Construction Carrying Cost Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA(DTL) Carrying Cost (Schedule T-3A, Line 6)	\$13,298	\$13,298	\$13,298	\$13,298	\$13,298	\$13,298	\$79,769
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	<u>\$13,355</u>	<u>\$13,351</u>	<u>\$13,344</u>	<u>\$13,338</u>	<u>\$13,331</u>	<u>\$13,323</u>	<u>\$80,042</u>
7	Projected Cost and Carrying Cost on DTA(DTL) for the Period (Order No. PSC-15-0521-FOF-EI) (a)	\$14,201	\$14,202	\$14,209	\$14,217	\$14,225	\$14,233	\$85,287
8	Difference (True-up to Projections) (Over)/Under Recovery for the Period (Line 6 - Line 7)	<u>(\$846)</u>	<u>(\$850)</u>	<u>(\$865)</u>	<u>(\$880)</u>	<u>(\$894)</u>	<u>(\$910)</u>	<u>(\$5,244)</u>
9	Actual / Estimated Revenue Requirements for the period (a)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Final True-up Amount for the Period (Line 6 - Line 9)	<u>(\$846)</u>	<u>(\$850)</u>	<u>(\$865)</u>	<u>(\$880)</u>	<u>(\$894)</u>	<u>(\$910)</u>	<u>(\$5,244)</u>
* Totals may not add due to rounding								
See notes on Page 2								
Page 1 of 2								
Line No.		(H) Actual July	(I) Actual August	(J) Actual September	(K) Actual October	(L) Actual November	(M) Actual December	(N) 12 Month Total
Jurisdictional Dollars								
1	Site Selection Revenue Requirements (Schedule T-2, Line 7)	\$16	\$17	\$23	\$28	\$34	\$41	\$415
2	Construction Carrying Cost Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA(DTL) Carrying Cost (Schedule T-3A, Line 6)	\$13,298	\$13,298	\$13,298	\$13,298	\$13,298	\$13,298	\$159,578
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	<u>\$13,316</u>	<u>\$13,315</u>	<u>\$13,321</u>	<u>\$13,327</u>	<u>\$13,333</u>	<u>\$13,339</u>	<u>\$159,993</u>
7	Projected Cost and Carrying Cost on DTA(DTL) for the Period (Order No. PSC-15-0521-FOF-EI) (a)	\$12,551	\$12,533	\$12,502	\$12,470	\$12,438	\$12,406	\$160,186
8	Difference (True-up to Projections) (Over)/Under Recovery for the Period (Line 6 - Line 7)	<u>\$765</u>	<u>\$783</u>	<u>\$819</u>	<u>\$856</u>	<u>\$894</u>	<u>\$933</u>	<u>(\$193)</u>
9	Actual / Estimated Revenue Requirements for the period (a)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Final True-up Amount for the Period (Line 6 - Line 9)	<u>\$765</u>	<u>\$783</u>	<u>\$819</u>	<u>\$856</u>	<u>\$894</u>	<u>\$933</u>	<u>(\$193)</u>
Notes								
11	(a) Per Order No. PSC-16-0266-PCO-EI the Commission deferred consideration of FPL's Actual/Estimated 2016 True-up.							
* Totals may not add due to rounding								
Page 2 of 2								

Exhibit 2: Schedule T-1 True-Up of Pre-Construction Cost

Schedule T-1 (True-up)		Turkey Point Units 6&7 Pre-Construction Costs and Carrying Costs on Construction Cost Balance True-up Filing: Retail Revenue Requirements Summary						[Section 6(x)1.a.]
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: FLORIDA POWER & LIGHT COMPANY DOCKET NO.: 170009-EI		EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual expenditures for the prior year and previously filed expenditures.						For the Year Ended 12/31/2016 Witness: Jennifer Grant-Keene
Line No.		(A) Actual January	(B) Actual February	(C) Actual March	(D) Actual April	(E) Actual May	(F) Actual June	(G) 6 Month Total
Jurisdictional Dollars								
1	Pre-Construction Revenue Requirements (Schedule T-2, Line 7)	\$1,327,727	\$1,183,104	\$3,217,347	\$1,573,735	\$1,355,525	\$1,889,575	\$10,547,014
2	Construction Carrying Cost Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA(DTL) Carrying Cost (Schedule T-3A, Line 8)	\$580,784	\$582,593	\$587,182	\$580,751	\$571,523	\$574,217	\$3,477,029
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	\$1,908,510	\$1,765,697	\$3,804,529	\$2,154,486	\$1,927,049	\$2,463,792	\$14,024,043
7	Projected Cost and Carrying Cost for the Period (Order No. PSC-15-0521-FOF-EI) (a)	\$1,970,197	\$2,235,612	\$3,407,604	\$3,560,697	\$2,576,177	\$1,396,017	\$15,145,305
8	Final True-up Amount of (Over)/Under Recovery for the Period (Line 6 - Line 7)	(\$61,687)	(\$469,915)	\$396,905	(\$1,406,211)	(\$651,129)	\$1,067,775	(\$1,124,262)
9	Actual / Estimated Revenue Requirements for the period (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Final True-up Amount for the Period (Line 8 - Line 9)	(\$61,687)	(\$469,915)	\$396,905	(\$1,406,211)	(\$651,129)	\$1,067,775	(\$1,124,262)
11	(a) Total recovered in 2016 as approved in Order No PSC-15-0521-FOF-EI in Docket No 150009-EI							6 Month Total
12	2014 Final True-Up (2013 Schedule T-1, Line 10)	(\$536)	(\$336)	\$441,332	(\$2,173)	\$596,009	\$907,072	\$1,941,369
13	2015 (Over)/Under Recovery (Schedule AE-1, Line 8)	\$348,790	(\$404,426)	(\$1,697,354)	\$1,731,397	(\$180,039)	(\$2,203,274)	(\$2,304,996)
14	2016 Projected Cost / Carrying Cost (Schedule P-2, Line 7)	\$1,039,807	\$2,050,628	\$4,065,223	\$1,225,413	\$1,532,191	\$2,076,925	\$11,987,445
15	2016 Projected DTA/DTL Carrying Cost (Schedule P-3A, Line 8)	\$95,137	\$389,549	\$598,403	\$606,059	\$610,017	\$615,231	\$3,604,394
16	2016 Total (Over)/Under Recovery	\$1,070,197	\$2,235,612	\$3,407,604	\$3,560,697	\$2,576,177	\$1,396,017	\$15,148,305
* Totals may not add due to rounding See notes on Page 2								
Page 1								
Line No.		(H) Actual July	(I) Actual August	(J) Actual September	(K) Actual October	(L) Actual November	(M) Actual December	(N) 12 Month Total
Jurisdictional Dollars								
1	Pre-Construction Revenue Requirements (Schedule T-2, Line 7)	\$1,401,970	\$2,099,575	\$1,485,291	\$1,365,391	\$1,101,303	\$3,106,417	\$21,109,961
2	Construction Carrying Cost Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA(DTL) Carrying Cost (Schedule T-3A, Line 8)	\$576,970	\$580,033	\$583,221	\$585,352	\$586,925	\$591,052	\$6,960,591
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	\$1,978,940	\$2,679,608	\$2,068,513	\$1,950,743	\$1,688,229	\$3,700,469	\$28,090,552
7	Projected Cost and Carrying Cost for the Period (Order No. PSC-15-0521-FOF-EI) (a)	\$1,787,798	\$3,966,153	\$2,525,157	\$1,557,685	\$1,598,339	\$7,825,913	\$34,089,349
8	Actual (Over)/Under Recovery for the Period (Line 6 - Line 7)	\$211,150	(\$1,286,544)	(\$456,644)	\$393,058	\$89,090	(\$3,825,445)	(\$5,998,797)
9	Actual / Estimated Revenue Requirements for the period (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Final True-up Amount for the Period (Line 8 - Line 9)	\$211,150	(\$1,286,544)	(\$456,644)	\$393,058	\$89,090	(\$3,825,445)	(\$5,998,797)
11	(a) Total recovered in 2016 as approved in Order No PSC-15-0521-FOF-EI in Docket No 150009-EI							12 Month Total
12	2014 Final True-Up (2013 Schedule T-1, Line 10)	(\$963,676)	(\$110,049)	\$437,551	\$640,787	\$27,441	(\$2,034,734)	(\$691,512)
13	2015 (Over)/Under Recovery (Schedule AE-1, Line 8)	\$1,198,119	\$2,174,925	(\$410,277)	(\$570,599)	\$81,034	\$6,740,725	\$6,101,031
14	2016 Projected Cost / Carrying Cost (Schedule P-2, Line 7)	\$943,981	\$378,906	\$1,871,306	\$665,027	\$876,864	\$3,780,114	\$21,303,710
15	2016 Projected DTA/DTL Carrying Cost (Schedule P-3A, Line 8)	\$619,594	\$622,360	\$626,493	\$630,470	\$633,000	\$639,809	\$7,376,121
16	2016 Total (Over)/Under Recovery	\$1,787,798	\$3,966,153	\$2,525,157	\$1,557,685	\$1,598,339	\$7,825,913	\$34,089,349
17	(b) Per Order No. PSC-16-0268-PCO-EI the Commission deferred consideration of FPL's Actual/Estimated 2016 True-up.							
* Totals may not add due to rounding								
Page 2								

State of Florida



Public Service Commission

Office of Auditing and Performance Analysis
Bureau of Auditing
Miami District Office

Auditor's Report

Florida Power & Light Company
Nuclear Cost Recovery Clause
Turkey Point Units 6 & 7

Twelve Months Ended December 31, 2015

Docket No. 160009-EI
Audit Control No. 16-005-4-1
May 31, 2016

Handwritten signature of Iliana H. Piedra in black ink.

Iliana H. Piedra
Audit Manager

Handwritten signature of Gabriela Leon in black ink.

Gabriela Leon
Audit Staff

Handwritten signature of Marisa Glover in blue ink.

Marisa Glover
Reviewer

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 23
PARTY: STAFF (PREFILED DIRECT)
DESCRIPTION: Iliana H. Piedra IHP-2

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Purpose

To: Florida Public Service Commission

We have performed the procedures described later in this report to meet the objectives set forth by the Office of Industry Development and Market Analysis in its audit service request dated January 5, 2016. We have applied these procedures to the attached schedules prepared by Florida Power & Light Company, and to several of its related schedules in support of its 2015 filing for the Nuclear Cost Recovery Clause (Turkey Point Units 6 & 7 Project) in Docket No. 160009-EI.

This audit was performed following General Standards and Fieldwork Standards found in the AICPA Statements on Standards for Attestation Engagements. The report is intended only for internal Commission use.

Objectives and Procedures

General

Definitions

Site selection costs, are costs that are expended prior to the selection of a site.

Pre-construction costs, are costs that are expended after a site has been selected in preparation for the construction of a nuclear power plant, incurred up to and including the date the utility completes site clearing work.

FPL/Utility refers to Florida Power & Light Company.

CCRC refers to Capacity Cost Recovery Clause.

NCRC refers to Nuclear Cost Recovery Clause.

Objectives: The objective was to determine whether the Utility's 2015 NCRC filings in Docket No. 160009-EI are consistent and in compliance with Section 366.93, Florida Statutes (F.S.), and Rule 25-6.0423, Florida Administrative Code (F.A.C.)

Procedures: We performed the following specific objectives and procedures to satisfy the overall objective identified above.

Construction Work in Progress (CWIP)

Objectives: The objectives were to verify that pre-construction costs listed on the Utility's Schedule T-6 filing were supported by adequate documentation and that the capital additions were appropriately recoverable through the NCRC and in compliance with Section 366.93, F.S. and Rule 25-6.043, F.A.C.

Procedures: We sampled and verified the monthly pre-construction expenditures and traced to invoices and other supporting documentation including contracts. We verified various sample items to purchase orders for contracts over \$250,000. We verified a sample of salary expenses and traced to time sheets. We verified a sample of legal fees and traced to invoices. We recalculated Schedule T-6. No exceptions were noted.

Recovery

Objectives: The objectives were to determine whether the Utility used the Commission approved CCRC factors to bill customers for the period January 1, 2015 through December 31, 2015 and whether Schedules T-2 and T-3 reflect the amounts in Order No. PSC-14-0617-FOF-EI, issued October 27, 2014.

Procedures: We verified the amount collected on the Schedule T-1 to the NCRC jurisdictional amount approved in Order No. PSC-14-0617-FOF-EI, and to the CCRC in Docket No. 160001-EI and verified that the approved factor was used to bill the customers. No exceptions were noted.

Carrying Cost on Deferred Tax Adjustment

Objectives: The objectives were to determine whether Schedule T-3A - Carrying Cost on Deferred Tax Assets (DTA) included the correct balances from the supporting schedules and the deferred tax adjustment is accurately calculated.

Procedures: We traced the projected and estimated True-Up amount to prior NCRC Orders. We traced the beginning balances included in the schedule to the prior audit. We reconciled the monthly recovered costs to the supporting schedules in the filing. We traced the Allowance for Funds Used During Construction (AFUDC) rate applied to the rates approved in Order No. PSC-14-0193-PAA-EI, issued April 25, 2014. We recalculated Schedule T-3A and verified the Final True-Up amount. No exceptions were noted.

Other Issues

Objectives: The objectives were to determine whether the carrying cost for site selection and pre-construction costs listed on the Utility's Schedule T-2 include the correct balances from the supporting schedules of the filing and were appropriately calculated.

Procedures: We traced the projected and estimated true-up amounts to prior NCRC Orders. We traced the beginning balances included in the schedule to the prior docket. We reconciled the monthly costs to the supporting schedules in the filing. We traced the AFUDC rate applied by the Utility to the rate approved in Order No. PSC-14-0193-PAA-EI. We recalculated Schedule T-2 and verified the Final True-Up. No exceptions were noted.

True-Up

Objectives: The objective was to determine whether the final True-Up filed on Schedule T-1 was properly calculated.

Procedures: We traced the December 31, 2014, Site Selection and Pre-Construction True-Up Provisions to the Commission Order. We recalculated the True-Up and Interest Provision amounts as of December 31, 2015 using the Commission approved beginning balances as of December 31, 2014, the approved AFUDC interest rate, and the 2015 costs. No exceptions were noted.

Audit Findings

None

Exhibits

Exhibit 1: Schedule T-1 True-Up of Site Selection Cost

Schedule T-1 (True-up)		Turkey Point Units 6&7 Site Selection Carrying Costs on Cost Balance True-up Filing: Retail Revenue Requirements Summary					[Section (6)(c)1.a.]	
FLORIDA PUBLIC SERVICE COMMISSION		EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual carrying costs for the prior year and the previously filed costs.					For the Year Ended 12/31/2015	
COMPANY: FLORIDA POWER & LIGHT COMPANY							Witness: Jennifer Grant-Keene	
DOCKET NO.: 160009-EI								
Line No.		(A) Actual January	(B) Actual February	(C) Actual March	(D) Actual April	(E) Actual May	(F) Actual June	(G) 6 Month Total
Jurisdictional Dollars								
1	Site Selection Revenue Requirements (Schedule T-2, Line 7)	(\$188)	(\$184)	(\$176)	(\$169)	(\$160)	(\$152)	(\$1,027)
2	Construction Carrying Cost Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA(DTL) Carrying Cost (Schedule T-3A, Line 8)	\$13,325	\$13,326	\$13,326	\$13,326	\$13,327	\$13,327	\$78,957
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	<u>\$13,137</u>	<u>\$13,142</u>	<u>\$13,150</u>	<u>\$13,159</u>	<u>\$13,167</u>	<u>\$13,176</u>	<u>\$78,930</u>
7	Projected Cost and Carrying Cost on DTA(DTL) for the Period (Order No. PSC 14-0617-FOF-EI)	<u>\$12,209</u>	<u>\$12,212</u>	<u>\$12,212</u>	<u>\$12,212</u>	<u>\$12,212</u>	<u>\$12,212</u>	<u>\$73,270</u>
8	True-up to Projections (Over)/Under Recovery for the Period (Line 6 - Line 7)	<u>\$828</u>	<u>\$930</u>	<u>\$938</u>	<u>\$946</u>	<u>\$955</u>	<u>\$963</u>	<u>\$5,659</u>
9	Actual / Estimated Revenue Requirements for the period (Order No. PSC 15-0521-FOF-EI)	<u>\$13,108</u>	<u>\$13,113</u>	<u>\$13,121</u>	<u>\$13,130</u>	<u>\$13,138</u>	<u>\$13,146</u>	<u>\$78,756</u>
10	Final True-up Amount for the Period (Line 6 - Line 9)	<u>\$28</u>	<u>\$29</u>	<u>\$29</u>	<u>\$29</u>	<u>\$29</u>	<u>\$30</u>	<u>\$174</u>

* Totals may not add due to rounding

Turkey Point Units 6&7
Site Selection Carrying Costs on Cost Balance
True-up Filing: Retail Revenue Requirements Summary

Schedule T-1 (True-up) [Section (6)(c)1.a.]

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 160009-EI

EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual carrying costs for the prior year and the previously filed costs.

For the Year Ended 12/31/2015
 Witness: Jennifer Grant-Keena

Line No.	(H) Actual July	(I) Actual August	(J) Actual September	(K) Actual October	(L) Actual November	(M) Actual December	(N) 12 Month Total
Jurisdictional Dollars							
1	Site Selection Revenue Requirements (Schedule T-2, Line 7)	(\$143)	(\$142)	(\$146)	(\$161)	(\$156)	(\$1,926)
2	Construction Carrying Cost Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA/DTL Carrying Cost (Schedule T-3A, Line 8)	\$13,328	\$13,328	\$13,329	\$13,329	\$13,330	\$155,930
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	<u>\$13,184</u>	<u>\$13,186</u>	<u>\$13,182</u>	<u>\$13,178</u>	<u>\$13,168</u>	<u>\$158,002</u>
7	Projected Cost and Carrying Cost on DTA/DTL for the Period (Order No. PSC 14-0617-FOF-EI)	\$13,905	\$13,924	\$13,950	\$13,977	\$14,008	\$157,080
8	True-up to Projections (Over)/Under Recovery for the Period (Line 6 - Line 7)	<u>(\$720)</u>	<u>(\$738)</u>	<u>(\$768)</u>	<u>(\$799)</u>	<u>(\$830)</u>	<u>\$942</u>
9	Actual / Estimated Revenue Requirements for the period (Order No. PSC 15-0521-FOF-EI)	\$13,166	\$13,158	\$13,154	\$13,149	\$13,139	\$157,658
10	Final True-up Amount for the Period (Line 6 - Line 9)	<u>\$28</u>	<u>\$28</u>	<u>\$28</u>	<u>\$29</u>	<u>\$29</u>	<u>\$345</u>

* Totals may not add due to rounding

Exhibit 2: Schedule T-1 True-Up of Pre-Construction Cost

		Turkey Point Units 6&7 Pre-Construction Costs and Carrying Costs on Construction Cost Balance True-up Filing: Retail Revenue Requirements Summary						(Section 8)(c)1.a.)
Schedule T-1 (True-up)								
FLORIDA PUBLIC SERVICE COMMISSION		EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual expenditures for the prior year and previously filed expenditures.						For the Year Ended 12/31/2015
COMPANY: FLORIDA POWER & LIGHT COMPANY								Witness: Jennifer Grant-Keene
DOCKET NO.: 160009-EI								
Line No.		(A) Actual January	(B) Actual February	(C) Actual March	(D) Actual April	(E) Actual May	(F) Actual June	(G) 6 Month Total
Jurisdictional Dollars								
1	Pre-Construction Revenue Requirements (Schedule T-2, Line 7)	\$1,082,527	\$2,420,676	\$1,311,551	\$1,487,404	\$1,635,826	\$1,242,581	\$9,380,636
2	Construction Carrying Costs Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Recoverable O&M Revenue Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	DTA/DTL Carrying Costs (Schedule T-3A, Line 8)	\$538,018	\$542,511	\$547,356	\$550,878	\$555,180	\$559,132	\$3,283,085
5	Other Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Total Period Revenue Requirements (Lines 1 through 5)	\$1,620,545	\$2,963,187	\$1,858,908	\$2,048,372	\$2,391,016	\$1,801,694	\$12,663,721
7	Projected Costs and Carrying Costs for the Period (Order No. PSC 14-0817-FOF-EI) (e)	\$1,270,611	\$3,366,449	\$3,627,540	\$405,086	\$2,401,325	\$4,091,639	\$15,362,951
8	True-up to Projections (Over/Under Recovery for the Period (Line 6 - Line 7)	\$349,933	(\$403,262)	(\$1,988,632)	\$1,643,286	(\$10,308)	(\$2,290,246)	(\$2,679,230)
9	Actual / Estimated Revenue Requirements for the period (Order No. PSC-15-0521-FOF-EI)	\$1,619,401	\$2,982,023	\$2,130,186	\$2,136,483	\$2,241,286	\$1,888,665	\$12,978,045
10	Final True-up Amount for the Period (Line 6 - Line 9)	\$1,143	\$1,164	(\$271,278)	(\$88,111)	\$149,731	(\$85,772)	(\$284,324)
11	(a) Total being recovered in 2015 as approved in Order No. PSC-14-0817-FOF-EI in Docket No. 140008-EI.							6 Month Total
12	2013 Final True-Up (2013 Schedule T-1, Line 10)	(\$0)	(\$0)	\$216,800	(\$637,117)	(\$438,136)	\$1,491,428	\$632,975
13	2014 (Over/Under Recovery (Schedule AE-1, Line 8)	\$10,386	\$2,038,917	\$1,891,752	(\$377,746)	\$1,162,282	\$1,016,667	\$5,848,558
14	2015 Projected Costs / Carrying Costs (Schedule P-2, Line 7)	\$718,182	\$789,292	\$1,079,022	\$876,130	\$1,130,431	\$1,033,631	\$6,625,889
15	2015 Projected DTA/DTL Carrying Costs (Schedule P-3A, Line 8)	\$538,043	\$538,240	\$540,888	\$543,819	\$548,750	\$548,612	\$3,265,730
16	2016 Total (Over/Under Recovery	\$1,270,611	\$3,366,449	\$3,627,540	\$405,086	\$2,401,325	\$4,091,639	\$15,362,951

* Totals may not add due to rounding

See notes on Page 2

Turkey Point Units 6&7
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
True-up Filing: Retail Revenue Requirements Summary

[Section (6)(c)1.a.]

Schedule T-1 (True-up)

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 DOCKET NO.: 160009-EI

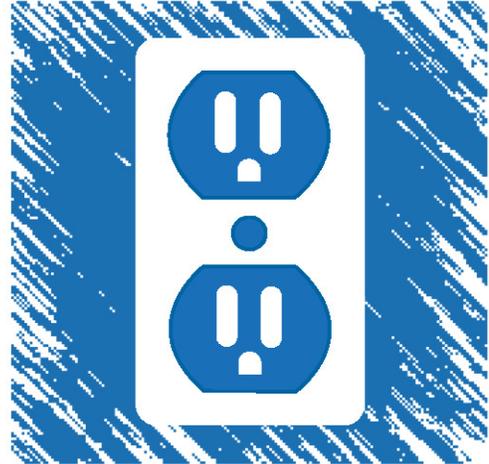
EXPLANATION: Provide the calculation of the true-up of total retail revenue requirements based on actual expenditures for the prior year and previously filed expenditures.

For the Year Ended 12/31/2015

Witness: Jennifer Grant-Keene

Line No.	(H) Actual July	(I) Annual August	(J) Actual September	(K) Actual October	(L) Actual November	(M) Actual December	(N) 12 Month Total
Jurisdictional Dollars							
1	\$1,445,651	\$1,427,791	\$2,233,588	\$723,815	\$1,553,715	\$973,897	\$17,749,073
2	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	\$561,314	\$504,974	\$569,781	\$573,533	\$576,284	\$579,413	\$9,718,383
5	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	<u>\$2,006,965</u>	<u>\$1,932,765</u>	<u>\$2,803,369</u>	<u>\$1,297,348</u>	<u>\$2,129,999</u>	<u>\$1,553,309</u>	<u>\$24,467,457</u>
7	\$659,031	(\$710,802)	\$2,252,935	\$2,411,124	\$1,706,501	(\$2,001,503)	\$19,680,436
8	<u>\$1,347,935</u>	<u>\$2,703,367</u>	<u>\$550,414</u>	<u>(\$1,113,776)</u>	<u>\$423,498</u>	<u>\$3,554,812</u>	<u>\$4,787,020</u>
9	\$1,857,149	\$1,704,333	\$1,842,668	\$1,632,525	\$1,797,534	\$3,739,222	\$25,781,487
10	<u>\$149,816</u>	<u>\$228,432</u>	<u>\$98,891</u>	<u>(\$535,177)</u>	<u>\$382,455</u>	<u>(\$2,185,913)</u>	<u>(\$1,314,010)</u>
11	<u>(a) Total recovered in 2015 as approved in Order No. PSC-14-0617-FOF-EI in Docket No. 140008-EI:</u>						
	July	August	September	October	November	December	12 Month Total
12	\$556,215	(\$187,119)	\$569,101	\$846,185	(\$151,998)	(\$2,729,012)	(\$463,648)
13	(\$1,279,278)	(\$1,879,653)	\$37,860	\$245,950	\$525,006	(\$2,538,164)	\$950,338
14	\$829,459	\$801,148	\$1,088,193	\$759,507	\$770,773	\$2,697,815	\$12,571,584
15	\$552,635	\$555,018	\$557,781	\$660,482	\$582,720	\$587,796	\$5,612,164
16	<u>\$659,031</u>	<u>(\$710,802)</u>	<u>\$2,252,935</u>	<u>\$2,411,124</u>	<u>\$1,706,501</u>	<u>(\$2,001,503)</u>	<u>\$19,680,436</u>

* Totals may not add due to rounding



Review of Florida Power & Light Company's Project Management Internal Controls For Turkey Point 6 & 7 Construction

JUNE 2017

BY AUTHORITY OF
The Florida Public Service Commission
Office of Auditing and Performance Analysis

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 24
PARTY: STAFF (PREFILED DIRECT)
DESCRIPTION: Sofia Lehmann & David Rich LR-1

**Review of
Florida Power & Light Company's
Project Management
Internal Controls
for
Turkey Point 6 & 7 Construction**

Sofia Lehmann
Public Utility Analyst II
Project Manager

David Rich
Public Utility Analyst IV

June 2017

**By Authority of
The State of Florida
Public Service Commission
Office of Auditing and Performance Analysis**

PA-17-01-002

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1.0 Executive Summary

1.1 Turkey Point 6&7 Project at a Glance

The Turkey Point 6&7 (PTN 6&7) nuclear project is reaching the end of the licensing phase. Obtaining and maintaining a Combined Operating License (COL) from the Nuclear Regulatory Commission (NRC) will remain the primary focus of Florida Power & Light Company (FPL or the company) beyond 2017 and for the next several years. FPL believes it will receive the operating license late this year or early 2018 after which the project will be paused. Should future conditions favor building additional nuclear generation capability, FPL states that it can make a timely transition into the remaining pre-construction work and the construction phase. Currently, the pause is expected to last at least four years.

1.2 Audit Execution

1.2.1 Purpose and Objective

This audit addresses project internal controls and management oversight used by FPL in managing the PTN 6&7 project. The primary objective of this audit is to provide an independent account of project activities and to evaluate internal project controls. Information in this report may be used by the Commission to assess the reasonableness of FPL cost-recovery requests.

Commission audit staff published previous reports in 2008 through 2016, each a review of relevant project management Internal Controls related to FPL's nuclear construction projects. These previous reports are available on the Commission website at www.floridapsc.com.

1.2.2 Scope

The period of this review is January 2016 to May 2017. Staff examined the adequacy of FPL PTN 6&7 project management and internal controls. Internal controls assessed are related to the following key areas of project activity:

- ◆ Planning
- ◆ Management and organization
- ◆ Cost and schedule controls
- ◆ Contractor selection and management
- ◆ Auditing and quality assurance

Comprehensive controls are essential for successful project management but even adequate and comprehensive controls are ineffective if not actively emphasized by management, universally embraced by the organization, and subject to comprehensive, ongoing oversight and revision. Proper internal controls minimize risk, enhance its mitigation and management, and aid efficient, reasoned decision making.

Risk must be timely and accurately identified with adequate safeguards created, vetted, and actively employed to control schedule and cost. Prudent decision making results from effective communication, adherence to clearly defined procedures, and vigilant management oversight.

The primary standard used by Commission audit staff for review of FPL internal controls associated with the PTN 6&7 project is the Institute of Internal Auditors' *Standards for the Professional Practice of Internal Auditing* and *Internal Control - Integrated Framework*. Staff's audit work is performed in compliance with Institute of Internal Auditors Performance Standards 2000 through 2500. These standards were developed by the Committee of Sponsoring Organizations (COSO) of the Treadway Commission. Staff's internal control assessments focused on the COSO framework's five key, interrelated elements of internal control:

- ◆ Control environment
- ◆ Risk assessment
- ◆ Control activities
- ◆ Information and communication
- ◆ Monitoring

To maximize operational effectiveness and efficiency, reliability of financial reporting, and compliance with applicable laws and regulations, all five components must be present and functioning in concert to conclude that internal controls are effective.

1.2.3 Methodology

Initial planning, research, and data collection occurred from December 2016 through January 2017. Staff interviewed PTN 6&7 project management in April 2017.

Audit staff conducted additional data collection and analysis through May 2017 and reviewed project internal audits and company testimony, discovery, and filings in Docket No. 170009-EI. During this review, staff collected and analyzed a large volume of information, including:

- ◆ Policies and procedures
- ◆ Organizational charts
- ◆ Project timelines
- ◆ Vendor and contract change orders and updates
- ◆ Vendor invoices
- ◆ Internal and external audit reports

1.3 Commission Audit Staff Observations

Based upon its analysis, Commission audit staff developed the following observations regarding the Turkey Point 6&7 project:

- ◆ Project internal controls, risk evaluation, and management oversight are adequate and responsive to current project requirements.
- ◆ Invoicing policies and procedures are adequate, universally understood and followed.

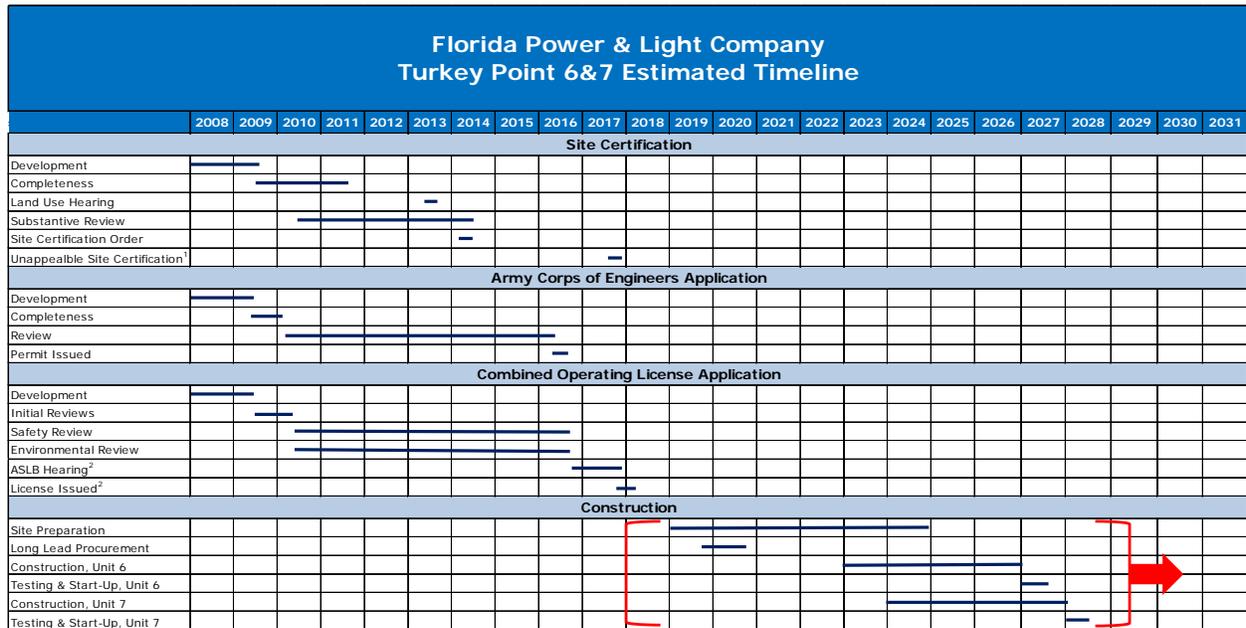
- ◆ Contracts and contract change orders (CO) adhere to FPL procedures and include all required justifications.
- ◆ The process by which FPL reached its decision to continue the delay in pre-construction activities is reasonable.

2.0 Turkey Point 6&7 Project

2.1 Key Project Developments

2.1.1 Combined Operating License Application (COLA) Status and Schedule Pause

FPL states that it anticipates receiving its Combined Operating License in late 2017 or early 2018. Upon receipt, the company intends to pause the project to observe and understand the challenges faced by the first wave of AP1000 projects currently underway. **Exhibit 1** shows the estimated current timeline.



¹ TBD; Pending legal resolution

² Assumes a contested hearing

█ Current Estimate; TBD

EXHIBIT 1

Source: FPL Response to Document Request 3.1

During this pause period, FPL will be engaging in activities necessary to defend and maintain COL-associated permits, licenses, certifications, and approvals. FPL's staff of licensing engineers will oversee the incorporation of license amendments approved for other AP1000 projects.

According to FPL, maintenance activities also include continuing compliance with the Conditions of Certification or other permit conditions and collecting lessons learned from the first wave of AP1000 projects. Additionally, FPL will be assessing execution structure, contract price, terms and conditions, and schedule of the first wave projects to assess improvements to costs and schedules. FPL also plans to monitor economic factors that could affect the decision to proceed with construction.

2.1.2 Turkey Point 6&7 Project Cost Estimate

For 2017, FPL established a revised project cost estimate range of \$14.96 billion to \$21.87 billion. This is an increase from last year’s project cost estimate range of \$13.67 billion to \$19.96 billion. **Exhibit 2** shows projected low and high cost estimates by year since inception in 2007.

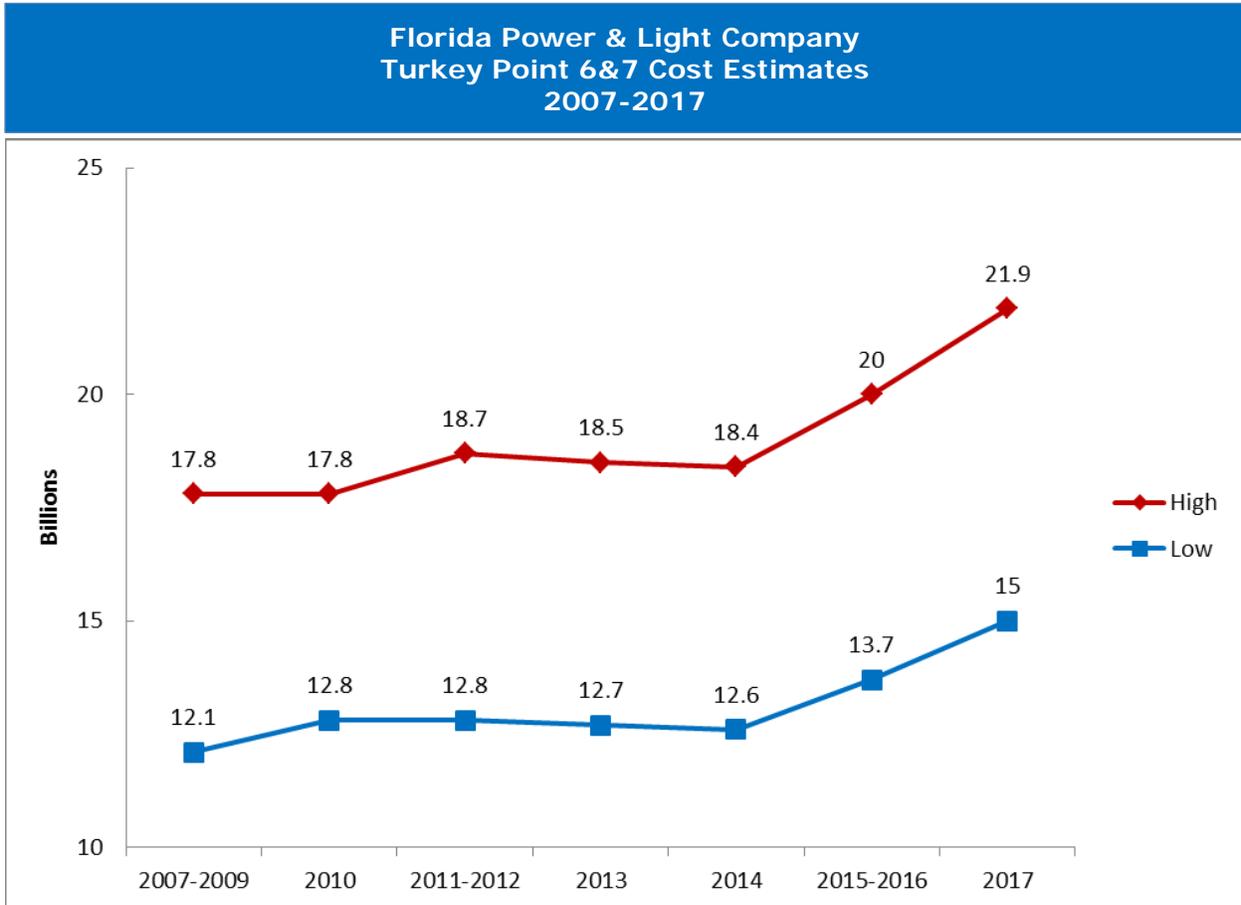


EXHIBIT 2

Source: Staff Interviews, April 2017

The multi-year project pause drives the PTN 6&7 2017 increase in the estimated cost range. The project pause, estimated to be at least four years, pushes testing and start up dates for PTN 6&7 from 2027 and 2028 to at least 2031 and 2032, respectively, increasing time-related project costs. FPL also assumes a 2.5 percent year-to-year escalation rate consistent with past practices.

Exhibit 3 displays a breakdown of the new estimate which represents a 9.5 percent increase in the low end of the 2016 cost estimate range and a 9.5 percent increase in the high end.

Florida Power & Light Company Turkey Point 6&7 In-Service Cost Estimate 2016 and 2017 (\$)				
Category	2017 Low	Increased Low from 2016	2017 High	Increased High from 2016
Site Selection	6,118,105	0	6,118,105	0
Pre-construction	346,806,203	44,500,765	382,638,812	47,492,436
Construction	11,155,665,197	1,036,291,540	16,406,703,271	1,530,148,283
AFUDC	3,453,640,899	214,524,029	5,079,290,267	336,460,284
Total	14,962,230,404	1,295,316,334	21,874,750,455	1,914,101,003

EXHIBIT 3 Source: Dkt 160009-EI, Schedule TOR-2, May 2016 & Dkt 170009-EI, Schedule TOR-2, May 2017

2.1.3 Toshiba/Westinghouse Bankruptcy

In March 2017, Toshiba Corporation’s U.S. nuclear unit, Westinghouse Electric Company, filed for bankruptcy. Toshiba states that it is considering selling all or parts of Westinghouse as well as an internal reorganization.

FPL states that the Westinghouse bankruptcy will not affect the remaining COL timeline, and Westinghouse has continued to support the licensing amendments associated with existing and pending licenses. Additionally, while Westinghouse’s future as a construction contractor is uncertain, FPL states that Westinghouse will likely retain the engineering and procurement role for AP1000 projects.

With the impacts of the Westinghouse bankruptcy still unknown, FPL states that the project could still proceed without an EPC contract. Westinghouse could provide engineering and procurement services while another company, or group of companies, could fulfill the construction services. However, under a possible reorganization or buyout of Westinghouse, an EPC contract approach could still be an option.

2.1.4 State Site Certification and the Current Legal Appeal

FPL received Site Certification from the State Siting Board in May 2014, granting approval for the project and 88 miles of new transmission lines. The cities of Miami, South Miami, Pinecrest, and Coral Gables opposed and filed legal challenges.

On April 20, 2016, the Third District Court of Appeals (3rd DCA) issued an Order identifying three deficiencies with the Site Certification Final Order. The court opined that the Siting Board failed to consider applicable land development regulations, incorrectly believed it did not have authority to compel FPL to install new transmission lines underground, and that local environmental regulations were incorrectly interpreted as zoning issues. However, the State Certification Final Order includes a severability clause, limiting the effect of the 3rd DCA’s mandate to the identified deficiencies. FPL petitioned for a rehearing before the full 3rd DCA.

On November 22, 2016, 3rdDCA denied the FPL petition and issued an Order remanding the Site Certification back to the Siting Board, specifically for that body to address the three deficiencies.

On December 22, 2016, FPL filed a petition seeking Florida Supreme Court review of the 3rd DCA Order.

On January 18, 2017, FPL filed a motion with the Florida Supreme Court to stay the effect of the 3rd DCA mandate while their review proceeded. On February 24, 2017, the Florida Supreme Court denied the motion and declined to take jurisdiction in this matter.

One possible resolution FPL may pursue is to negotiate settlements with stakeholders that would be presented to the Siting Board for a reexamination of the issues. The company states that it intends to pursue resolution to this issue in the near future.

2.1.5 Transmission and Land Exchange

FPL and the National Park Service entered into a Land Exchange Agreement in March 2016 in preparation for completing the exchange of properties in the Eastern Everglades to support the project West Consensus Corridor. The transfer of lands was completed in November 2016.

FPL has initiated some development activities included in the Land Exchange Agreement. Consistent with the Site Certification Final Order Conditions of Certification, these activities include design, surveys, and legal reviews to determine if the West Consensus Corridor can develop in a timely and cost-effective manner. FPL states that the completion of the exchange and undertaking activities to develop the West Consensus Corridor have aided progress toward the finalization of the project's transmission alignment.

Final alignment of the western transmission routing will be completed per the Conditions of Certification to address the West Consensus Corridor and the Miami-Dade County Environmental Overlay identified in the 3rd DCA ruling. According to FPL, progress on transmission projects along the eastern transmission corridor described in the Turkey Point Site Certification continues due to emergent Federal Energy Regulation Commission requirements that make these projects necessary at this time. This may result in new infrastructure that negates or modifies the need for the transmission alignment included in PTN 6&7 Site Certification. Therefore, FPL believes that issues associated with eastern transmission lines in the Site Certification may be inconsequential.

2.1.6 Other Federal Applications, Approvals, or Certifications

There were no federal applications, approvals or certifications issued or submitted in 2016. The following reports, permits, or licenses completed or anticipated in 2016 and 2017 are:

- ◆ NRC Final Safety Evaluation Report (SER) – issued November 2016
- ◆ NRC Final Environmental Impact Statement (FEIS) – issued October 2016
- ◆ NRC Combined Operating License (COL) – Anticipated late-2017 or early-2018
- ◆ US Army Corps of Engineers (USACE) 404b and Section 10 permit – the estimated issue is late-2017, now that the FEIS has been issued

2.1.7 Project Joint Ownership

FPL continues to hold annual meetings with prospective joint owner utilities, providing meeting reports to the Commission. In 2016, FPL presented its annual update to potential joint owner participants on May 26. No formal discussions were held. Representatives of the following

utilities participated: Seminole Electric, Lakeland Electric, JEA, FMPA, OUC, and the City of Ocala. A date for the 2017 meeting has not been set.

2.1.8 NRC Request for Information (RAI)

The NRC generated two new RAIs during this audit period, both in early 2016. Responses from FPL were due to the NRC by mid-March 2016. The company satisfied each request, providing timely responses to the NRC.

2.1.9 FPL Project Feasibility Analyses

FPL submitted a project feasibility analysis annually through 2015. Each analysis considered multiple economic scenarios, varying conditions, and assumptions to determine the feasibility of continuing the project, while simultaneously providing an additional layer of project accountability and management oversight.

FPL did not produce or submit a feasibility analysis in 2016. Instead, the company filed a petition for waiver of the requirement under Rule 25-6.0423(6)(c)5, Florida Administrative Code (Petition for Waiver). Several parties in the docket challenged the lack of a feasibility analysis. In June 2016, FPL filed a Motion to Defer Consideration of Issues and Cost Recovery and PSC Order No. PSC-16-0266-PCO-EI granted the deferral. The order decision stated that FPL intended to file a 2017 feasibility analysis.

However, FPL again did not file a 2017 feasibility analysis. The company believes that absent a request for cost recovery no requirement to file an annual analysis exists. No cost recovery has been filed by FPL for 2017 as of the date of report publication.

2.2 Project Controls and Oversight

2.2.1 Project Controls

Project controls are built into the financial accounting systems, department procedures, and desktop instructions. Controls and process instructions exist in the following areas of project management:

- ◆ Budgeting and reporting
- ◆ Schedule and activity reporting
- ◆ Contract management
- ◆ Internal and external oversight
- ◆ Executive management
- ◆ Subordinate managers
- ◆ FPL subject matter experts (SME) and team members
- ◆ Third party experts
- ◆ Regular updates and reports on risk, cost, and schedule

FPL's Project Controls Group provides management schedule, budget, costs, vendor performance, and risk reports on a regular, ongoing basis. Primavera-6 remains the scheduling

software. This software is capable of real-time updates, active monitoring, tailored date sorting, and customized status reports.

There was one New Nuclear Project (NNP) Instruction created and approved in 2016:

- ◆ NNP-PI-510, *Environmental Evaluation of Potential New and Significant Information*

The following Project Instructions were revised in 2016:

- ◆ NNP-PI-01, *Request For Information (RFI) And RFI Response*
- ◆ NNP-PI-03, *Project Document Retention And Records Processing*
- ◆ NNP-PI-04, *Cola Configuration Control And Responses To Request For Additional Information For Project Applications*
- ◆ NNP-PI-05, *NNP Project Correspondence*
- ◆ NNP-PI-08, *Cola Review And Acceptance Process*
- ◆ NNP-PI-12, *Hosting Visiting Dignitaries at the FPL Juno Campus and Preconstruction Tours of the PTN 6 & 7 Site*
- ◆ NNP-PI-14, *Discovery Production Instructions Related To Turkey Point 6 & 7 Combined License Hearing*
- ◆ NNP-PI-303, *Preparation of Interim Staff Guidance – 011 Screens/Evaluations*

NNP-PI- 07, *Department Training* was reviewed in 2016 and superseded in January 2017.

NNP-PI-015, *Exploratory And Dual Zone Monitoring Well Project Incident Response Instructions* was reviewed in early 2017. No revision was required.

In anticipation of receiving its COL, the company initiated review of some other Project Instructions in 2016 and began preparation of procedures for maintaining the COL. In addition, the company states that all current procedures will be updated to meet the format and numbering requirements in NNPDI- 402, *Preparation, Revision, Review, and Approval of New Nuclear Projects Project/Desktop Instructions*.

According to FPL, these revisions were responsive to changing project requirements. No internal audits, quality assurance reviews, or external audits reviewed by staff cited any deficiencies in project instructions or management controls.

Additionally, FPL utilizes white papers to record and document key decisions or actions. One white paper was produced in April 2016 entitled *PTN 6&7 Combined Operating License Maintenance*, recommending that FPL maintain the COL (e.g. incorporating design changes as they occur) after the receipt if the project is to be deferred for more than one year.

2.2.2 Risk Management Reporting

Weekly team meetings track project activities, identify risks, discuss mitigation or remediation options, and develop a strategy to address each. Items are either resolved by the small teams or elevated to incrementally higher management levels until resolution is achieved.

Schedule, progress, and cost are continually monitored and tracked in real time. Standardized, regular reports increase subject matter familiarity and provide close scrutiny of contractor performance. FPL states that it requires vendors to provide weekly reports identifying, describing, recording, and addressing risks.

FPL reports that the project team also meets monthly, reviewing schedule, budget, current and potential issues, and risks. Project risks are tracked and reviewed until resolved and closed out. A monthly Cost Report meeting also provides an opportunity to scrutinize project cost risk. Project management provides regular project updates to executive management.

Commission audit staff reviewed project dashboards and risk analyses. These reports detail the identified risk issue, risk, probability of occurrence, and potential for impact on project cost and schedule. Project Risk Assessment subject areas appear below.

- ◆ NRC Licensing
- ◆ USACE Permitting
- ◆ Site Certification Application
- ◆ Underground Injection Control Wells
- ◆ Miami-Dade County Zoning Issues
- ◆ Development
- ◆ Project Design
- ◆ Pre-Construction Planning
- ◆ Budget
- ◆ Schedule
- ◆ Procurement
- ◆ Safety

Another important management assessment tool is the quarterly risk assessment that focuses on licensing, permitting, and activities associated with project development. The assessment identifies key issues impacting the project, characterizes them, provides historical trending, and tracks the risk associated with each. The quarterly risk assessment is intended to estimate the likelihood of occurrence for each identified risk (low, medium, or high) and the potential negative project consequences (low, medium, high). A response is then developed for each and an issue is designated, management strategies are developed, and progress on remediation activities are tracked until the risk is sufficiently mitigated or eliminated.

Project leadership also has the option of presenting information to and obtaining the advice of the FPL Risk Committee. No presentations were made to the FPL Risk Committee from January 2016 thru May 2017.

Commission audit staff believes FPL risk controls are adequate and responsive to the current project. Dashboards and quarterly assessments inform FPL management and executive leadership. As the project matures post-pause and exponentially increases in scope during the pre-construction and construction phases, commission audit staff recommends that FPL should reassess its risk management approach to meet the demand of the expanded project.

2.2.3 Management Oversight

During the last year, FPL made changes to its PTN 6&7 project management oversight organization and to reporting. The Construction Director completed the requirements associated with initial project assessments and, coupled with the FPL decision to pause the project upon receipt of its license, the position was eliminated. FPL also anticipates reassigning contractor staffing when the COL is received.

Project organization and reporting were also modified with New Nuclear Projects Engineering now reporting to the License Director. In January 2017, the Nuclear Division was reorganized and New Nuclear Projects now reports directly to the Next Era Energy president and the chief nuclear officer.

2.2.4 Audits and FPL Quality Assurance Reviews

FPL selected Experis to perform an external audit of the 2016 PTN 6&7 project expenditures under the supervision and direction of the FPL Internal Audit Department. The audit report was published in early 2017 and reviewed by Commission audit staff. Audited areas included employee reimbursed expenses, third-party invoices, payroll, and reconciliation actions associated with annual NCRC filings. No exceptions were noted.

Concentric Energy Advisors conducted a review of FPL internal project controls, processes, and procedures employed to manage and implement the PTN 6&7 project. Concentric concluded that FPL prudently incurred 2016 project costs. The review also offered two general recommendations related to FPL's post-COL phase. It recommended that the company prepare to increase internal audit oversight as the project accelerates after the pause and to coordinate closely with the NRC in the near term to fully understand the oversight requirements of COL maintenance during the project pause.

2.3 Contract Oversight and Management

Project contract management and oversight processes remain unchanged, employing project management, technical representatives, and QA personnel to monitor vendor performance. Vendors are required to provide regular progress reports.

FPL uses project systems, policies, practices, and procedures to monitor change orders and invoices for errors. Invoicing specialists review every invoice for accuracy, ensuring each complies with provisions of the contract and current labor rates. Billed hours are scrutinized and checked against job categories. Travel expense requests are vetted for project applicability and linkage to an existing contract, proper authorization, and any required justification.

Sourcing specialists and contract managers monitor contract change orders and invoices for errors. Anomalies are reported; potential schedule and/or cost impacts are identified and quantified. This information is then used to formulate responsive solutions.

2.3.1 Contract Oversight

Contract oversight is unchanged from 2016. Controls include project policies and instructions, authorization requirements, approval methodologies, and invoicing procedures. FPL made no revisions or changes to contractor selection or contractor management policies and procedures during 2016 through May 2017.

From Commission audit staff’s review, the FPL invoicing policies and procedures are well understood. Contracting and invoicing personnel appear to follow company policies, practices, and procedures. Required authorizations examined were present and complied with procedures. Vendor invoices and supporting documentation are vetted by FPL project sourcing personnel who challenge contract anomalies.

There were no warranty claims initiated against project contractors from January 2016 through 2017 YTD.

2.3.2 Contracts Executed or Modified

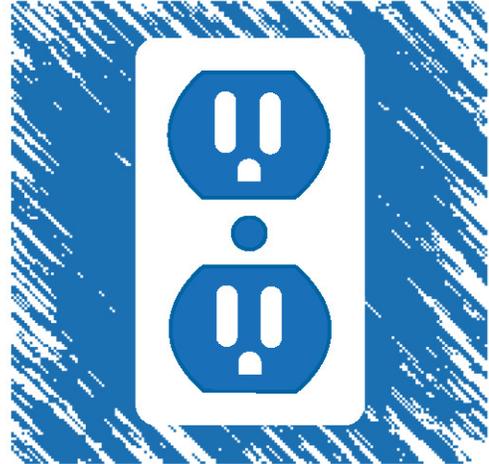
There were no new contracts valued at \$100,000 or more from January 2016 through May 2017. **Exhibit 4** shows the six current contracts valued at \$250,000 or more. This number is down from the prior year when 11 contracts were valued at \$250,000 or higher.

Florida Power & Light Company Turkey Point 6&7 Existing Contracts Greater than \$250,000 2016 - YTD 2017		
Vendor	Description	Type*
AMEC Environment & Infrastructure	RFI response review / FSAR 2.5.4	S
Bechtel Power Corporation	COLA / SCA prep & RAI support	C, S, P
EPRI - Electric Power Research Institute	Nuclear technology; membership	S
Paul C. Rizzo Associates, Inc.	Field Investigation; FSAR 2.5 Revision	S
Power Engineers, Inc.	Prelim Analysis of Miami River crossing and Davis/Miami Line	S
Westinghouse Electric Co.	COLA prep & RAI support	C, S, P
* C = Competitive Bid S = Single/Sole Source P = Predetermined Source		

EXHIBIT 4

Source: FPL Response to Document Request 1-26

Contract change orders add or delete scope, increase or decrease contract value, or represent an administrative adjustment without a monetary impact. FPL executed three contract change orders valued at \$50,000 or more during 2016 – 2017 YTD.



Review of Florida Power & Light Company's Project Management Internal Controls For Turkey Point 6 & 7 Construction

JUNE 2016

BY AUTHORITY OF
The Florida Public Service Commission
Office of Auditing and Performance Analysis

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 25
PARTY: STAFF (PREFILED DIRECT)
DESCRIPTION: Sofia Lehmann & David Rich LR-2

**Review of
Florida Power & Light Company's
Project Management
Internal Controls
for
Turkey Point 6 & 7 Construction**

David Rich
Public Utility Analyst IV
Project Manager

Sofia Lehmann
Public Utility Analyst II

June 2016

**By Authority of
The State of Florida
Public Service Commission
Office of Auditing and Performance Analysis**

PA-16-01-002

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1.0 Executive Summary

1.1 Turkey Point 6&7 Project at a Glance

- ◆ Licensing remains the focus of FPL activity and COLA approval is expected in the fourth quarter of 2017.
- ◆ Upon COLA approval, FPL will shift project focus to maintaining approved licenses, permits, and certifications.
- ◆ Upon receiving the Commercial Operating License FPL no longer plans to immediately request Commission permission to begin preconstruction activities and construction contract negotiation.
- ◆ Third District Court of Appeals reversed and remanded portions of the 2014 Site Certification Order.
- ◆ Estimated project cost remains in the range of \$13.7 billion to \$20.0 billion.

1.2 Audit Execution

1.2.1 Purpose and Objective

This audit addresses project internal controls and management oversight used by Florida Power & Light Company (FPL or the company) in managing the Turkey Point 6 & 7 (PTN6&7) project. The primary objective of this audit was to provide an independent account of project activities and to evaluate internal project controls. Information in this report may be used by the Commission to assess the reasonableness of FPL cost-recovery requests.

Commission audit staff published previous reports in 2008 through 2015, each entitled *Review of Florida Power & Light's Project Management Internal Controls for Nuclear Plant Uprate and Construction Projects*. These previous reports are available on the Commission website at www.floridapsc.com.

1.2.2 Scope

The period of this review is January 2015 to May 2016. Staff examined the adequacy of FPL project management and internal controls for the PTN6&7 project. The internal controls assessed are related to the following key areas of project activity:

- ◆ Planning
- ◆ Management and organization
- ◆ Cost and schedule controls
- ◆ Contractor selection and management
- ◆ Auditing and quality assurance

Comprehensive controls are essential for successful project management. However, adequate and comprehensive controls are ineffective if not actively emphasized by management, embraced by the organization, and subject to oversight and revision. Proper internal controls minimize risk, enhance its mitigation and management, and aid efficient, reasoned decision making.

Risk must be timely and accurately identified, with adequate safeguards created, vetted, and actively in use to provide prevention or mitigation. Prudent decision making also plays a key role in project management, resulting from well-defined processes addressing identified project risks, expectations, and cost. Effective communication, adherence to clear procedures, and vigilant oversight are also essential to ensure prudent project decisions.

The primary standard used by Commission audit staff for review of FPL internal controls associated with the PTN6&7 project is the Institute of Internal Auditors' *Standards for the Professional Practice of Internal Auditing* and *Internal Control - Integrated Framework*. Staff's audit work is performed in compliance with Institute of Internal Auditors Performance Standards 2000 through 2500. This set of standards was developed by the Committee of Sponsoring Organizations (COSO) of the Treadway Commission. Staff's internal control assessments focused on the COSO framework's five key, interrelated elements of internal control:

- ◆ Control environment
- ◆ Risk assessment
- ◆ Control activities
- ◆ Information and communication
- ◆ Monitoring

To maximize operational effectiveness and efficiency, reliability of financial reporting, and compliance with applicable laws and regulations, all five components must be present and functioning in concert to conclude that internal controls are effective.

1.2.3 Methodology

Initial planning, research, and data collection occurred from December 2015 through January 2016. Staff interviewed FPL project management in April 2016.

Audit staff conducted additional data collection and analysis from January through May 2016. Staff also reviewed project internal audits and company testimony, discovery, and filings in Docket No. 160009-EI. Staff collected and analyzed a large volume of information, including:

- ◆ Policies and procedures
- ◆ Organizational charts
- ◆ Project timelines
- ◆ Vendor and contract change orders and updates
- ◆ Vendor invoices
- ◆ Internal and external audit reports

1.3 Commission Audit Staff Observations

Based upon its information gathering and analysis, Commission audit staff developed the following observations regarding the Turkey Point 6&7 project:

- ◆ Project internal controls, risk evaluation, and management oversight are adequate and responsive to current project requirements.
- ◆ Invoicing policies and procedures are adequate, universally understood and followed.
- ◆ Contracts and contract change orders (CO) adhered to FPL procedures and included all required justifications.
- ◆ The process by which FPL reached its decision to delay pre-construction activities was reasonable.

2.0 New Construction - Turkey Point 6&7

FPL maintains the characterization of its project management as careful and deliberate, creating an option to build two new AP1000 nuclear reactors designated as Turkey Point Units 6 and 7. The project critical path remains licensing, unchanged from 2015.

Throughout 2015 and to date in 2016, FPL continued to focus on obtaining COLA approval from the Nuclear Regulatory Commission (NRC). Approval is expected in the fourth quarter of 2017.

2.1 Key Project Developments

In 2015, the State Siting Board's May 2014 Final Order of Site Certification was challenged in the courts by four appellants including the City of Miami and Miami-Dade County, opposing the Board decision allowing FPL to build and operate two new nuclear units at Turkey Point, the required support facilities, and approximately 88 miles of new transmission. In April 2016, the Third District Court of Appeals reversed and remanded portions of the Site Certification, citing the Siting Board's failure to consider applicable local land development regulations, its inaccurate perception that the Board lacked the authority to require underground installation of transmission lines at FPL expense, and that the Siting Board incorrectly interpreted county environmental regulations as zoning issues. A final legal resolution and its timing are currently unclear. Commission audit staff believes that additional project delay from the reversal, remand, and ongoing legal challenges is possible.

Though there is now further project delay, FPL states that the PTN6&7 project cost estimate remains in a range from \$13.7 billion to \$20.0 billion. This cost range assumes commercial operation dates determined a year ago, of 2027 and 2028, dates the company is now unlikely to meet. A revised, accurate cost estimate is necessary, reflecting changed operational dates, factoring in inflation and other costs associated with the new delay.

2.1.1 Significant Events

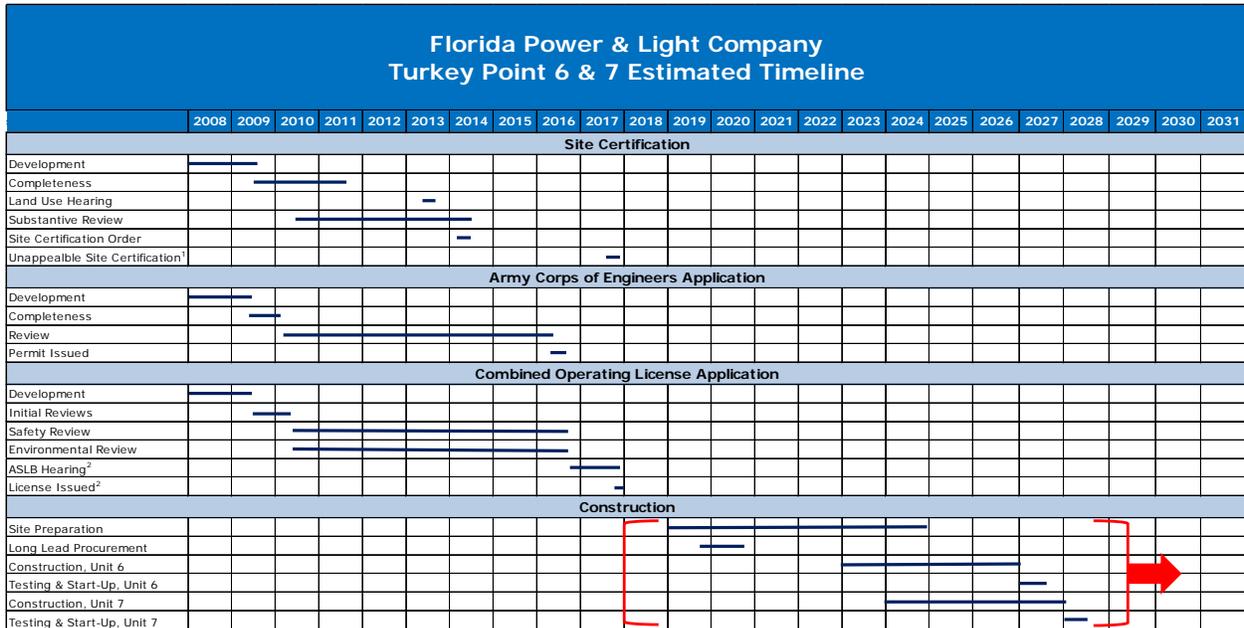
Schedule Change

During 2015, FPL initiated a review of 18 critical project tasks to assess project schedule, scope, and assumptions. The first phase of the review provided insight into the Level 1 baseline schedule and project activities. Two more phases of this review will be completed during mid-2016.

During March and April 2016, FPL reconsidered its planned actions after the COL is received. One of the primary factors considered was recent industry experience from the Vogtle and Summer AP1000 construction projects. Though both projects are approximately 60% complete, substantial uncertainty exists about remaining costs and potential challenges. FPL continues to place value on incorporating lessons learned, to improve the reliability of cost and schedule estimates. Other factors considered were general economic conditions, potential emission control legislation, and fuel price projections.

FPL decided that upon receiving the Commercial Operating License it will not immediately request Commission permission to begin preconstruction activities. Upon obtaining the COL from the NRC, FPL intends to shift project focus to maintaining the COL and other approved licenses, permits, and certifications. Both construction contract negotiation and construction activities will be delayed approximately three years.

Exhibit 1 shows the current estimated project timeline, indicating the potential delay for the construction phase.



¹ To be determined pending resolution of April 20, 2016 Third DCA Opinion

² Assumes a contested hearing

█ Project Delay TBD
 █ FPL 2015 Estimate

EXHIBIT 1

Source: FPL Response to Document Request 3.1

State Site Certification Appeal

The City of Miami, Miami-Dade County, and other parties challenged in the Third District Court of Appeals the State Siting Board’s 2014 Final Order authorizing FPL to construct two new nuclear units and approximately 88 miles of transmission lines. The appeals were combined into one docket, with oral arguments heard in September 2015.

In April 2016, the Court reversed and remanded portions of the Final Order of Site Certification, citing the Board’s failure to consider applicable local land development regulations, an erroneous perception of the Board that it lacked authority to require undergrounding of transmission lines at FPL’s expense, and opining that the Siting Board incorrectly interpreted county environmental regulations as zoning issues.

FPL states that a specific review aimed at determining a favorable resolution of the Site Certification will take place in the near term. Date for completion of the review, length of the review, and recommended actions are uncertain at this time.

Staff believes that additional project delay stemming from the reversal and remand, as well as future legal challenges, is possible.

COLA Status

Licensing remains the focus of FPL efforts. FPL states that the NRC COLA reviews are largely complete, and the processes to obtain approval are ongoing. The NRC has delayed the anticipated date for COLA approval from March 2017 to an undetermined date in late 2017.

Other Federal Applications, Approvals, or Certifications

NRC reviews for the FPL COLA are nearly complete and the necessary Army Corps of Engineers (ACOE) reviews parallel the NRC COLA review. The Land Exchange Agreement between FPL, the National Parks Service, and the Army Corps of Engineers was signed in March 2016 and a closing date is expected in November.

The Advisory Committee on Reactor Safeguards review of COLA safety aspects is expected in September, followed by publication of the Final Safety Evaluation Report in November.

The NRC's Final Environmental Impact Statement (FEIS) is also expected in October 2016 but FPL admits that the date could be extended because the NRC is considering comments associated with a saltwater plume extending under currently existing Turkey Point cooling canals. These comments will be addressed in the FEIS.

On April 21, 2016 the Atomic Safety and Licensing Board issued an order requiring an evidentiary hearing, over a contention related to the injection of wastewater underground and potential impact to deep aquifer groundwater. FPL expects a decision from the ASLB sometime in the second quarter of 2017.

The Final Safety Evaluation Report, which documents the NRC staff position on all COLA safety issues, is expected in the fourth quarter of 2016.

Land Exchange

The Everglades National Park land exchange process was completed in March 2016 with a closing date expected in November 2016. The swap will allow FPL to exchange land that it owns within the Everglades National Park for land on the eastern edge of the park. The company will use this land to create a north-south transmission right-of-way in Miami-Dade County.

A draft Environmental Impact Statement was published in January 2014. The Final Environmental Impact Statement is expected to be issued in October 2016.

Transmission

The Site Certification Final Order issued in May 2014 that was remanded by the Third District Court of Appeals approved FPL's proposed transmission corridors and directed maximum use of the Western Consensus Corridor. This corridor is dependent on the successful completion of the land exchange and the acquisition of land rights from federal and state agencies. The Western Consensus Corridor must be obtained within three years of the receipt of a non-appealable site certification, and the cost cannot exceed ten percent of the cost of the Western Preferred

Corridor. If the Western Consensus Corridor is not obtained under these conditions, FPL would pursue the development of the Western Preferred Corridor.

Project Construction Contract

FPL has not made a decision whether an EPC or an EP&C contract would be more advantageous. The company states that a decision at this point would be unwise based on industry experience. FPL believes the best course of action is to defer pursuit of the construction contract. The company does not intend to pursue an EPC or an EP&C contract until the review of the first wave of AP1000 projects are completed in 2020. The company acknowledges the risk associated with waiting, but it believes this course actually reduces overall project risk.

Project Long Lead Forging Reservation

The 2008 Forging Reservation agreement between FPL and Westinghouse reserved manufacturing capacity. Multiple extensions have been signed. The most recent extension in 2014 extended the original terms and conditions until October 2016. The company plans to pursue an extension in October 2016.

FPL believes continued extension is in its best interest, reducing near term costs and risk while preserving schedule flexibility. If the agreement is dissolved, FPL may forfeit some or all of its \$10.8 million deposit.

Project-Joint Ownership

FPL continues to hold annual meetings with prospective joint owner utilities and to provide updates to the Commission. The last meeting was held in June 2015. Participants included Jacksonville Electric Authority, Orlando Utilities Commission, Ocala Electric Utility, Florida Municipal Power Agency, Florida Municipal Energy Association, and Seminole Electric Cooperative. The next meeting is scheduled for the summer of 2016.

NRC Requests for Information (RAI)

In 2015, the NRC asked for additional seismological and geological information pertaining to FPL's Final Safety Analysis Review. FPL hired third party experts to review data and to assist in preparing responses. All RAIs pertaining to the Final Safety Analysis Review were submitted by the second quarter of 2015.

Additionally, the NRC asked for environmental information. All RAIs pertaining to the Environmental Report were submitted by the end of 2015.

No RAIs were opened in 2016.

2.1.2 Turkey Point 6&7 Project Cost Estimate

The project final cost estimate remains in a range from \$13.7 billion to \$20.0 billion. **Exhibit 2** shows project cost estimates, 2007-2016.

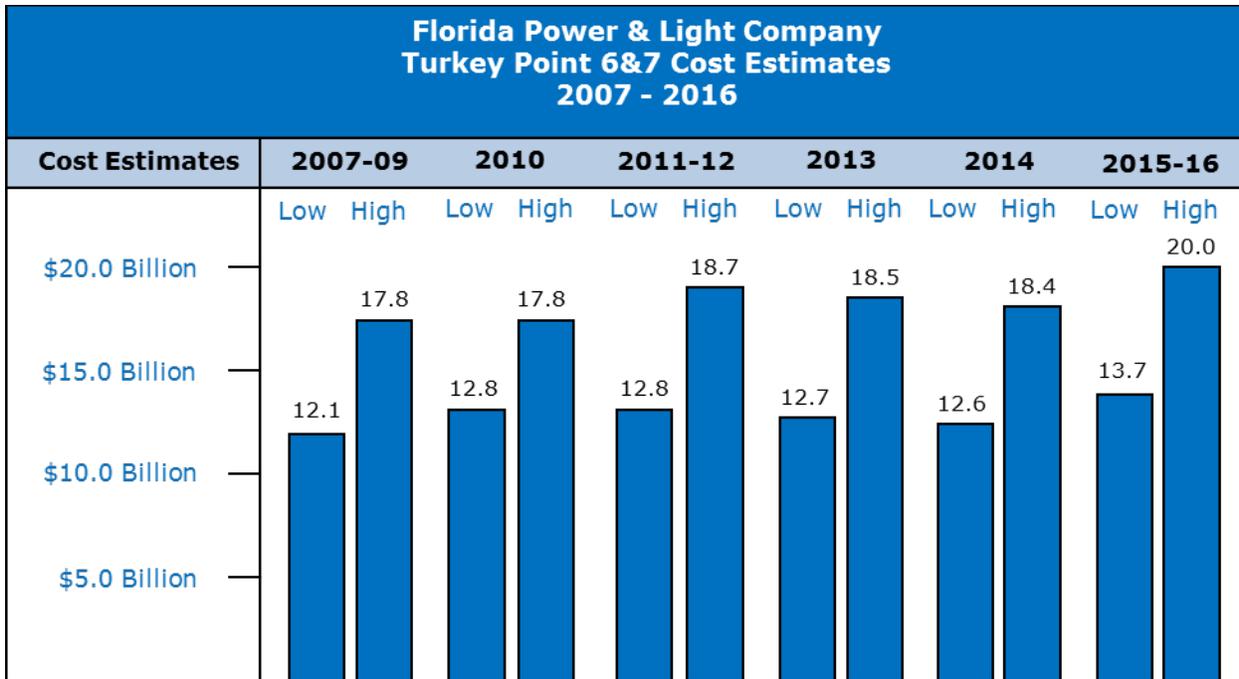


EXHIBIT 2

Source: Staff Interviews, April 2016

FPL expects that project expenditures will be split 60/40 between Unit 6 and Unit 7. The lesser percentage for Unit 7 will result from equipment reuse and a maturation of the project leading to efficiencies in construction and management.

The total estimated project cost is down very slightly, less than a one fourth of one percent, from a year ago but remains in a rounded range from \$13.7 billion to \$20.0 billion. **Exhibit 3** shows project cost estimate changes from 2015 to 2016.

Florida Power & Light Company Turkey Point 6&7 In-Service Cost Estimate 2015 and 2016 (\$)				
Category	2016 Low	Change from 2015	2016 High	Change from 2015
Site Selection	6,118,105	0	6,118,105	0
Pre-construction	302,305,438	(2,204,496)	335,146,376	(2,031,521)
Construction	10,119,373,657	(29,889,533)	14,876,554,988	(29,889,533)
AFUDC	3,239,116,870	(1,490,819)	4,742,829,983	(1,490,819)
Total	13,666,914,070	(33,584,848)	19,960,649,452	(33,411,873)

EXHIBIT 3 Source: Dkt 150009-EI, Schedule TOR-2, May 2015 & Dkt 160009-EI, Schedule TOR-2, May 2016

2.1.3 FPL Project Feasibility Analyses

FPL did not produce a project feasibility analysis this year, filing a motion requesting a waiver in April 2016. The company stated that absent a company request for Commission approval to advance to preconstruction there was no need for a feasibility study.

The company believes that completion of nuclear plants currently under construction will provide critical data for analysis of future capital cost and project construction schedule. With that information in hand, FPL states that it will then be able to produce a feasibility analysis allowing it, and the Commission, to determine if movement to the preconstruction phase is warranted.

As of the writing of this report, the request for waiver is still pending.

2.2 Project Controls and Oversight

2.2.1 Project Controls

Project controls are built into the financial accounting systems, department procedures, and desktop instructions. Controls and process instructions exist in the following areas of project management:

- ◆ Budgeting and reporting
- ◆ Schedule and activity reporting
- ◆ Contract management
- ◆ Internal and external oversight
- ◆ Executive management
- ◆ Subordinate managers
- ◆ FPL subject matter experts (SME) and team members
- ◆ Third party experts
- ◆ Regular updates and reports on risk, cost, and schedule

FPL's Project Controls Group provides management schedule, budget, costs, vendor performance, and risk reports on a regular, ongoing basis. Primavera-6 remains the scheduling software. This software is capable of real-time updates, active monitoring, tailored date sorting, and customized status reports.

No project instructions or management controls were created or deleted during 2015. The following project instructions were revised during 2015:

- ◆ NNP-PI-06 NNP NRC Correspondence
- ◆ NNP-PI-12 Hosting Visiting Dignitaries at the FPL Juno Campus and Preconstruction Tours of the PTN 6 & 7 Site

Additionally, the following project instructions are currently under review or are scheduled for periodic review and revision during 2016:

- ◆ NNP-PI-08 COLA Review and Acceptance Process
- ◆ NNP-PI-01 Request for Information (RFI) and RFI Response
- ◆ NNP-PI-02 Preparation, Revision Review and Approval of New Nuclear Projects Project Instructions
- ◆ NNP-PI-03 Project Document Retention and Records Processing

- ◆ NNP-PI-04 COLA Configuration Control and Responses to Request for Additional Information for Project Applications
- ◆ NNP-PI-05 NNP Project Correspondence
- ◆ NNP-PI-07 Department Training
- ◆ NNP-PI-10 NNP PTN COLA Related Project Management Briefs, Project Memoranda and COLA Related Document Reviews
- ◆ NNP-PI-13 Technical Review of Commercial Project Document
- ◆ NNP-PI-14 Discovery Production Instructions Related to Turkey Point 6 & 7 Combined License Hearing
- ◆ NNP-PI-15 Site Work Activities - Incident Response Instructions

According to FPL, these revisions were responsive to changing project requirements. No internal audits, quality assurance reviews, or external audits reviewed by staff cited any deficiencies in project instructions or management controls.

Additionally, FPL utilizes white papers to record and document key decisions or actions. There were no white papers produced in 2015. The company produced a white paper in April 2016 discussing FPL's planned actions following approval of the COLA. The white paper recommended that the company maintain the COL (e.g. incorporating design changes to the COL) after the receipt of the certification if the project is to be deferred for more than one year.

2.2.2 Risk Management Reporting

Project risk management remains unchanged. The process uses ongoing, regular meetings and reports designed to identify, characterize, evaluate, and/or mitigate project risk.

Weekly small team meetings track project activities, facilitate risk identification, discussion, and the development of a mitigation or remediation strategy for each. Items are either resolved by the small teams or elevated to incrementally higher management levels until resolution is achieved.

Project schedule, progress, and cost metrics are monitored continuously. Results are tracked using standardized reports, increasing subject matter familiarity and allowing for close scrutiny of contractor performance. FPL considers vendors as risk management stakeholders, requiring them to provide weekly progress reports identifying, describing, recording, and addressing risks.

The project team meets monthly, reviewing schedule, budget, issues and potential issues impacting the project, and risks. Identified project risks are tracked and reviewed until resolved and closed out. A Cost Report meeting also provides an opportunity to scrutinize project cost risk. Project management provides regular project updates to FPL executive management.

Commission audit staff reviewed all monthly project dashboards and quarterly risk analyses for 2015 and through May 2016. These reports detail the issue, risk, probability of occurrence, and potential for impact on project cost and schedule. Areas assessed included:

- ◆ NRC Licensing
- ◆ US Army Corps of Engineers Permitting
- ◆ Site Certification Application

- ◆ Underground Injection Control wells
- ◆ Development
- ◆ Project Design
- ◆ Budget
- ◆ Schedule
- ◆ Procurement
- ◆ Safety

Another important management assessment tool is the quarterly risk analysis that provides a wider, more comprehensive scope. It identifies key issues, characterizes them, provides historical trending, and tracks risk. This analysis estimates the likelihood of occurrence for each risk (low, medium, or high) and the potential negative project consequences (low, medium, high). A response is then designed for each risk. A mitigation owner is assigned, management strategies are developed, and progress is tracked until the risk is sufficiently mitigated or eliminated.

Project leadership also has the option of presenting information to and obtaining the advice of the FPL Risk Committee. No presentations were made to the FPL Risk Committee from January 2015 thru May 2016.

Commission audit staff believes that the FPL risk controls reviewed during this audit are adequate and responsive to the current state of the project. Monthly dashboard and quarterly assessments inform FPL management and executive leadership. But Commission audit staff believes that as the project matures, with a vastly increased scope associated with construction, reassessments by FPL of its risk management approach will be necessary. Restructuring of risk management may be required to meet the far greater demands of the expanded project.

2.2.3 Management Oversight

Some changes occurred in management oversight organization and reporting during 2015. These changes altered the way in which information flowed but did not impact management oversight of the project. The Construction Director and License Director began reporting to the vice-president of Nuclear Projects within the Nuclear Division in May of 2015. And, as of November, the Senior Director for Development reports to the vice-president for Project Development who, in turn, reports to the FPL President.

2.2.4 Audits and FPL Quality Assurance Reviews

As in previous years, FPL selected Experis to conduct an audit of project expenditures for 2015. This was done under the supervision and direction of FPL Internal Audit department. The report was published and reviewed by Commission audit staff in March 2016.

Audit areas included employee reimbursed expenses, third-party invoices, payroll, and reconciliation of annual NCRC filings. The audit examined approximately 64 percent of the total expenditures, and no exceptions were noted.

Since 2008, Concentric Energy Advisors has also performed an annual review of PTN6&7 project processes, procedures, and structures. In 2016, Concentric concluded that FPL capably managed the project in 2015 and that project expenditures were prudently incurred. Concentric offered FPL five recommendations to establish development plans for stages beyond the

licensing phase. These addressed Quality Assurance/Quality Control (QA/QC) planning, selection of vendors to receive requests for proposals, procurement close-out, time allocation and warranty tracking.

QA activity was limited during 2015 and year-to-date 2016 due to the limited project scope associated with licensing. However, Concentric recommended that FPL should pursue proactive surveillance and oversight of vendors. Concentric is aware that FPL plans to establish QA/QC plans well in advance of beginning the implementation phase of PTN6&7.

2.3 Contract Oversight and Management

FPL's contract management and oversight systems remain intact from a year ago. The company uses project management, technical representatives, and QA personnel to monitor vendor performance. Vendors are required to provide regular progress reports.

Integrated Supply Chain sourcing specialists and contract managers monitor change orders and invoicing for anomalies. Items outside established contractual norms are routinely reported up the chain of command. Schedule and cost risks are identified, prioritized, and quantified. This information is then used to formulate responsive solutions.

FPL continues to employ systems, policies, procedures and processes to identify any invoice mistakes or vendor overcharges. Invoicing specialists review invoices for accuracy in meeting contract provisions and labor rates. Billed hours are scrutinized and checked against job categories. Travel expense requests are checked for applicability, authorization, required justification, and linkage to an existing contract.

2.3.1 Contract Oversight

FPL's controls to communicate procedures and provide ongoing oversight are unchanged from a year ago. These include policies and instructions, authorization requirements, approval methodologies, invoicing and control procedures. FPL has made no revisions or changes to contractor selection and management policies and procedures during 2015. No revisions are anticipated through May 2016.

Audit staff's review reaffirmed that FPL's invoicing policies and procedures are well understood and that contract and invoicing personnel follow company policies, practices, and procedures. Required authorizations are present and in adherence with specified procedures. Vendor invoices and supporting documentation are vetted. Evidence of challenges to invoiced amounts and appropriate level of push back of questionable or unsupported charges were observed. FPL opened no warranty claims against project contractors during 2015 and 2016 year-to-date.

2.3.2 Contracts Executed or Modified

As seen in **Exhibit 4**, two new contracts were signed in 2015 for the PTN6&7 project. The Bechtel Power Corporation contract was competitively bid while the WareReuse Foundation contract was single sourced. Commission audit staff verified that required letters of single source justification were present and in compliance with FPL internal policies and procedures.

Florida Power & Light Company Turkey Point 6&7 New Contracts Greater than \$100,000 2015-YTD 2016				
Vendor	Description	Terms	Issued	Expire Date
WareReuse Foundation	Reclaimed Water for Reuse Application and Wetland Rehydration	Fixed Price	09/28/15	05/15/17
Bechtel Power Corp.	PTN 6&7 Initial Assessment and Review of Site	T&M	10/05/15	12/31/16

EXHIBIT 4

Source: FPL Response to Document Request 1.29

As shown in **Exhibit 5**, there are currently 11 contracts valued at more than \$250,000, representing original contract value and any subsequent change order.

Change orders represent added or deleted scope, increasing or decreasing contract value, or an administrative adjustment without monetary impact. FPL executed three contract change orders valued at \$50,000 or more in 2015. There were no change orders from January through May 2016. The 2015 change orders extended the contract end date or added scope of work but were not observed to involve issues of contractor performance or inadequate oversight.

Florida Power & Light Company Turkey Point 6&7 Existing Contracts Greater than \$250,000 2015-YTD 2016		
Vendor	Description	Type*
AMEC Environment & Infrastructure	RAI response review / FSAR 2.5.4	S
Bechtel Power Corporation	COLA / SCA prep & RAI support	C, S, P
Bechtel Power Corporation	PTN 6&7 Initial Assessment and Review of Site	C
Environmental Consulting & Technology	SCA & post-submittal support	S, P
EPRI - Electric Power Research Institute	Nuclear technology; membership	S
Golder & Associates Inc.	Post-SCA submittal support	S, P
McCallum Turner, Inc.	COLA site selection RAI support	S
McNabb Hydrogeologic Consulting	Post-SCA / UIC licensing support	S, P
Paul C. Rizzo Associates, Inc.	Field Investigation; FSAR 2.5 Revision	S
Power Engineers, Inc.	Prelim Analysis of Miami River crossing and Davis/Miami Line	S
Westinghouse Electric Co.	COLA prep & RAI support	C, S, P
* C = Competitive Bid S = Single/Sole Source P = Predetermined Source		

EXHIBIT 5

Source: Docket 160009-EI, AE-7A, May 2016

Commission audit staff reviewed all 2015 and year-to-date 2016 contract justifications. No discrepancies were found. The Bechtel contract dealing with COLA/SCA support is the largest contract. Signed in 2007, this contract now has 58 change orders that have altered scope and value. Due to the probability of project schedule extensions, it is likely that the Bechtel contract will continue to increase.

Exhibit not moved

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 26
PARTY: FLORIDA POWER & LIGHT COMPANY -
(REBUTTAL)
DESCRIPTION: John Reed JJR-1

Exhibit not moved

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 27
PARTY: FLORIDA POWER & LIGHT COMPANY -
(REBUTTAL)
DESCRIPTION: John Reed JJR-2

Deferred until October 25, 2017 Hearing

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 28
PARTY: DUKE ENERGY FLORIDA, LLC - (DIRECT)
DESCRIPTION: Thomas G. Foster/ Christopher
Fallon TGF-1

**Docket No. 170009-EI
Duke Energy Florida
Exhibit No. ____ (TGF-2)**

SCHEDULE APPENDIX

EXHIBIT (TGF-2)

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

**JANUARY 2016 - DECEMBER 2016
DOCKET NO. 170009-EI**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 29
PARTY: DUKE ENERGY FLORIDA, LLC - (DIRECT)
DESCRIPTION: Thomas G. Foster TGF-2

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January 2016 - December 2016

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		12-Month Total
1.	Final Costs for the Period	
	a. Carrying Cost on Unrecovered Investment	\$ 14,219,464 (2016 Detail Line 5d.)
	b. Period Exit Costs (including Sale of Assets)	- (2016 Detail Line 2e.)
	c. Period Other Exit / Wind-down Costs and Interest	36,123 (2016 Detail Line 16d.)
	d. Total Period Revenue Requirement	<u>\$ 14,255,587</u>
2.	Projected Amount for the Period (Order No. PSC 15-0521-FOF-EI)	\$ 14,864,316 (2016 Detail Line 20)
3.	Final True-Up Amount for the Period (over)/under (Line 1d. - Line 2.)	\$ (608,728) (2016 Detail Line 21)
4.	Amortization of Unrecovered Investment and Prior Period Over/Under Balances (Order No. PSC 15-0521-FOF-EI)	\$ 43,681,007 (2016 Detail Line 3d.)
5.	Total Revenue Requirements for 2016 (Line 1d. + Line 4.)	<u>\$ 57,936,594</u>

DUKE ENERGY FLORIDA
Nuclear Cost Recovery Clause (NCRC) - CR3 Uprate
2016 Detail - Calculation of the Revenue Requirements
January 2016 through December 2016

Witness: T.G. Foster
Docket No. 170009-EI
Duke Energy Florida
Exhibit: (TGF- 2)

Line	Description	Beginning of Period Amount	Actual January 2016	Actual February 2016	Actual March 2016	Actual April 2016	Actual May 2016	Actual June 2016	Actual July 2016	Actual August 2016	Actual September 2016	Actual October 2016	Actual November 2016	Actual December 2016	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 Cost Additions	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		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 - post 2013 Investment	12,170,084	0	0	0	0	0	0	0	0	0	0	0	0	12,170,084
	h Collected 2014 & 2015 Portion of Regulatory Asset	(87,883,854)	0	0	0	0	0	0	0	0	0	0	0	0	(87,883,854)
	i Total Jurisdictional Unrecovered Investment	204,197,287	0	0	0	0	0	0	0	0	0	0	0	0	204,197,287
3	Carrying Cost on Unrecovered Investment Balance														
	a Uncollected Investment: Costs for the Period (Beg Balance: Line 2i)	204,197,287	0	0	0	0	0	0	0	0	0	0	0	0	204,197,287
	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
	d Amortization of Unrecovered Investment (a)		(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)	(3,622,279)	(3,453,164)	(3,284,049)	(3,114,935)	(2,945,820)	(2,776,705)	(2,607,591)	(2,438,476)	(2,269,361)	(2,100,247)	(1,931,132)	(1,762,017)	(1,592,903)	(1,592,903)
	f Prior Period Carrying Charge Recovered (a)	(2,029,376)	(169,115)	(169,115)	(169,115)	(169,115)	(169,115)	(169,115)	(169,115)	(169,115)	(169,115)	(169,115)	(169,115)	(169,115)	(169,115)
	g Prior Period Under/(Over) Recovery (Prior Month)		(49,624)	(49,266)	(48,901)	(48,537)	(48,166)	(47,795)	(47,421)	(47,043)	(46,663)	(46,279)	(45,892)	(45,502)	(571,088)
	h Net Investment	\$170,579,912	\$167,108,943	\$163,588,349	\$160,068,114	\$156,548,244	\$153,028,738	\$149,509,603	\$145,990,839	\$142,472,449	\$138,954,437	\$135,436,804	\$131,919,556	\$128,402,695	128,357,192
4	Average Net Investment		\$168,844,427	\$165,323,834	\$161,803,599	\$158,283,729	\$154,764,223	\$151,245,088	\$147,726,324	\$144,207,933	\$140,689,921	\$137,172,289	\$133,655,040	\$130,138,179	
5	Return on Average Net Investment														
	a Equity Component	0.00392	661,870	648,069	634,270	620,472	606,676	592,881	579,087	565,295	551,504	537,715	523,928	510,142	7,031,909
	b Equity Component Grossed Up For Taxes	1.62800	1,077,525	1,055,057	1,032,593	1,010,129	987,670	965,211	942,755	920,301	897,849	875,401	852,956	830,512	
	c Debt Component	0.00155	260,865	255,425	249,987	244,548	239,111	233,674	228,237	222,801	217,366	211,931	206,497	201,063	2,771,505
	d Total Return		1,338,390	1,310,482	1,282,580	1,254,677	1,226,781	1,198,885	1,170,992	1,143,102	1,115,215	1,087,332	1,059,453	1,031,575	14,219,464
6	Revenue Requirements for the Period (Lines 3a + 5d)		1,338,390	1,310,482	1,282,580	1,254,677	1,226,781	1,198,885	1,170,992	1,143,102	1,115,215	1,087,332	1,059,453	1,031,575	14,219,464
7	Projected Revenue Requirements for the Period (Order No. PSC 15-0521-FOF-EI)		1,388,014	1,359,748	1,331,480	1,303,214	1,274,947	1,246,680	1,218,413	1,190,145	1,161,879	1,133,611	1,105,345	1,077,077	14,790,552
8	Over/Under Recovery For the Period		(49,624)	(49,266)	(48,901)	(48,537)	(48,166)	(47,795)	(47,421)	(47,043)	(46,663)	(46,279)	(45,892)	(45,502)	(571,088)
9	Other Exit / Wind-Down														
	a Accounting		2,348	2,363	2,476	2,442	2,528	2,584	2,467	2,447	2,627	1,924	2,993	2,103	29,302
	b Corporate Planning		2,373	2,812	3,088	2,459	666	432	682	207	154	259	0	418	13,550
	c Legal		0	0	0	0	0	0	0	0	0	0	0	0	0
	d Joint Owner Credit		(388)	(425)	(457)	(403)	(263)	(248)	(259)	(218)	(229)	(179)	(246)	(207)	(3,522)
	e Total Other Exit / Wind-Down Costs		4,333	4,750	5,107	4,498	2,931	2,768	2,890	2,435	2,552	2,004	2,747	2,314	39,329
10	Jurisdictional Factor (A&G)		0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	
11	Jurisdictional Amount		4,039	4,428	4,760	4,193	2,733	2,580	2,694	2,270	2,379	1,868	2,561	2,157	36,663
12	Prior Period Unrecovered Balance (a)	(131,556)	(127,706)	(123,856)	(120,006)	(116,156)	(112,305)	(108,455)	(104,605)	(100,755)	(96,905)	(93,054)	(89,204)	(85,354)	
13	Prior Period Costs Recovered (a)	(46,202)	(3,850)	(3,850)	(3,850)	(3,850)	(3,850)	(3,850)	(3,850)	(3,850)	(3,850)	(3,850)	(3,850)	(3,850)	
14	Prior Month Period (Over)/Under Recovery		0	(2,148)	(1,762)	(1,431)	(1,987)	(3,450)	(3,605)	(3,496)	(3,919)	(3,816)	(4,328)	(3,635)	
15	Unamortized Balance	(131,556)	(127,706)	(126,004)	(123,916)	(121,497)	(119,633)	(119,233)	(118,988)	(118,633)	(118,702)	(118,668)	(119,146)	(118,931)	
16	Carrying Costs for the Period														
	a Balance Eligible for Interest		(127,611)	(125,716)	(123,461)	(121,325)	(120,192)	(119,868)	(119,566)	(119,423)	(119,438)	(119,659)	(119,791)	(119,778)	
	b Monthly Commercial Paper Rate		0.03%	0.04%	0.04%	0.03%	0.03%	0.03%	0.04%	0.04%	0.04%	0.04%	0.04%	0.06%	
	c Interest Provision		(43)	(44)	(45)	(34)	(36)	(38)	(43)	(42)	(48)	(48)	(48)	(72)	(540)
	d Total Costs and Interest (Line 11 + Line 16c)		3,997	4,384	4,715	4,159	2,697	2,542	2,651	2,228	2,332	1,820	2,513	2,085	36,123
17	Recovered (Order No. PSC 15-0521-FOF-EI)		6,145	6,146	6,146	6,146	6,147	6,147	6,147	6,147	6,148	6,148	6,148	6,149	73,763
18	Over/Under Recovery For the Period		(2,148)	(1,762)	(1,431)	(1,987)	(3,450)	(3,605)	(3,496)	(3,919)	(3,816)	(4,328)	(3,635)	(4,063)	(37,640)
19	Revenue Requirements for the Period		1,342,387	1,314,866	1,287,295	1,258,837	1,229,477	1,201,427	1,173,643	1,145,330	1,117,547	1,089,152	1,061,965	1,033,660	14,255,587
20	Recovered (Order No. PSC 15-0521-FOF-EI)		1,394,160	1,365,894	1,337,626	1,309,360	1,281,093	1,252,827	1,224,560	1,196,292	1,168,026	1,139,759	1,111,493	1,083,226	14,864,316
21	Over/Under Recovery For the Period		(51,772)	(51,028)	(50,332)	(50,524)	(51,616)	(51,399)	(50,917)	(50,962)	(50,479)	(50,607)	(49,527)	(49,566)	(608,728)

(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.

2016 Over/Under Recovery Beginning Balance
 Line.

3b	Transferred to Plant In-service	\$	29,995,096	Exhibit TGF-2_2015 Detail (Filed March 1, 2016) Line 3b. Plant-in-Service
3e	Unrecovered Balance Carrying Cost	\$	(3,622,279)	
	Prior Period	(1,200,047)		Exhibit TGF-2_2015 Detail (Filed March 1, 2016) Line 3e. Prior Period Carrying Charge Unrecovered Balance
	Current Period	(2,422,232)		Exhibit TGF-2_2015 Detail (Filed March 1, 2016) Line 8. (Over)/Under for the Period
	Total	(3,622,279)		
3f	Prior Period Carrying Charge Recovered	\$	(2,029,376)	Exhibit TGF-4_2016 Detail (Filed May 1, 2015) Line 3f. Prior Period Carrying Charge Recovered
<u>Other Exit / Wind-Down</u>				
12	Prior Period Unrecovered Balance	\$	(131,556)	
	Prior Period	(17,919)		Exhibit TGF-2_2015 Detail (Filed March 1, 2016) Line 12 Prior Period Unrecovered Balance
	Current Period	(113,637)		Exhibit TGF-2_2015 Detail (Filed March 1, 2016) Line 18 (Over)/Under for the Period
	Total	(131,556)		
13	Prior Period Costs Recovered	\$	(46,202)	Exhibit TGF-4_2016 Detail (Filed May 1, 2015) Line 11. Prior Period Carrying Charge Recovered

Line 3d. **Annual Amortization Calculation**

TGF-3 Filed March 1, 2014	YE 2013 - Actual
1 Additions for the Period (TGF-3 Filed March 2014 - Line 3a)	292,081,140
2 Less: Transferred to Plant-in-Service (TGF-3 Filed March 2014 - Line 3b)	29,995,096
3 2013 EB Investment prior to Amortize (2014 through 2019)	262,086,044
4 Annual Amortization (2014 through 2019) (2016 Detail Line 3d.)	<u>43,681,007</u>

CRYSTAL RIVER UNIT 3 UPRATE
True-Up 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 2016 Detail Schedule with the expenditures provided to the Commission in the 2016 Detail Estimated Schedules.

Appendix B
 Witness: Thomas G. Foster
 Docket No. 170009-EI
 Exhibit: (TGF - 2)

COMPANY:
 Duke Energy Florida

DOCKET NO.:
 170009-EI

For Year Ended 12/31/2016

Line No.	Description	(A) System Estimated/Actual	(B) System Actual	(C) Variance Amount	(D) Explanation
Allocated or Assigned Other Exit / Wind-Down Expenditures					
1	Accounting	\$28,211	\$29,302	\$1,091	Minimal variance from Estimated amounts
2	Corporate Planning	33,634	13,550	(20,084)	Fewer hours than estimated were spent on EPU Wind-Down Activities
3	Legal	0	0	0	
4	<u>Total</u>	<u>\$61,845</u>	<u>\$42,851</u>	<u>(\$18,994)</u>	<u>Overall minor variance from estimated amount.</u>

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

	System Per	Retail Per	Pro Rata	Specific	Adjusted	Cap	Low-Point		Mid-Point		High-Point	
	Books	Books	Adjustments	Adjustments	Retail	Ratio	Cost Rate	Weighted Cost	Cost Rate	Weighted Cost	Cost Rate	Weighted Cost
Common Equity	\$5,121,368,708	\$4,728,678,443	(\$813,120,301)	\$763,931,668	\$4,679,489,809	46.18%	9.50%	4.39%	10.50%	4.85%	11.50%	5.31%
Long Term Debt	4,095,530,150	3,781,497,923	(650,247,795)		3,131,250,128	30.90%	6.01%	1.86%	6.01%	1.86%	6.01%	1.86%
Short Term Debt *	813,100,000	750,754,078	(129,095,981)	24,391,702	646,049,799	6.38%	0.17%	0.01%	0.17%	0.01%	0.17%	0.01%
Customer Deposits						0	0		0		0	
Active	222,269,727	222,269,727	(38,220,410)		184,049,317	1.82%	2.28%	0.04%	2.28%	0.04%	2.28%	0.04%
Inactive	1,603,209	1,603,209	(275,680)		1,327,529	0.01%						
Investment Tax Credits **	279,513	258,080	(44,378)		213,702	0.00%						
Deferred Income Taxes	2,459,670,709	2,271,070,981	(390,522,202)	(227,481,417)	1,653,067,362	16.31%						
FAS 109 DIT - Net	(212,127,588)	(195,862,319)	33,679,522		(162,182,798)	-1.60%						
Total	\$12,501,694,427	\$11,560,270,121	(\$1,987,847,225)	\$560,841,953	\$10,133,264,848	100.00%		6.30%		6.76%		7.22%

* Daily Weighted Average

** Cost Rates Calculated Per IRS Ruling

Equity	4.85%
Debt	1.91%
Total	6.76%

CRYSTAL RIVER UNIT 3 UPRATE
True-Up 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 2016 Detail Schedule.

Appendix D
 Witness: T. G. Foster
 Docket No. 170009-EI
 Duke Energy Florida
 Exhibit: (TGF - 2)
 (Page 1 of 2)

COMPANY:
 Duke Energy Florida

DOCKET NO.:
 170009-EI

For Year Ended 12/31/2016

Line No.	Major Task & Description for amounts on 2016 Detail Schedule	Description
----------	---	-------------

Generation:

- | | | |
|---|------------------------------------|---|
| 1 | EPU Construction & Wind-Down Costs | Spend performed in accordance with Rule 25-6.0423(7). |
| 2 | Sale or Salvage of Assets | Net Value received in accordance with Duke Energy Procedure IA-9010 regarding Disposition of Assets |
| 3 | Disposition | Net Value received in accordance with Duke Energy Procedure IA-9010 regarding Disposition of Assets |

Transmission:

N/A

CRYSTAL RIVER UNIT 3 UPRATE
True-Up Filing: Construction Category - Variance in Additions and Expenditures

EXPLANATION: Provide variance explanations comparing the annual system total expenditures shown on 2016 Detail Schedule with the expenditures provided to the Commission on 2016 Estimated / Actual Detail schedule. List the Generation expenses separate from Transmission in the same order appearing on 2016 Detail Schedule.

COMPANY: Duke Energy Florida

Appendix D
 Witness: T. G. Foster
 Docket No. 170009-EI
 Duke Energy Florida
 Exhibit: (TGF - 2)
 (Page 2 of 2)

DOCKET NO.:
 170009-EI

For Year Ended 12/31/2016

Line No.	Construction Major Task & Description for amounts on 2016 Detail Schedule	(A) System Estimated/Actual	(B) System Actual	(C) Variance Amount	(D) Explanation
<u>Generation:</u>					
1	EPU 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:
 N/A

Note:

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

CRYSTAL RIVER UNIT 3 UPRATE
True-Up 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.

COMPANY:

Duke Energy Florida

DOCKET NO.:

170009-EI

Appendix E
Witness: T. G. Foster
Docket No. 170009-EI
Duke Energy Florida
Exhibit: (TGF - 2)

For Year Ended 12/31/2016

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.

Deferred until October 25, 2017 Hearing

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 30
PARTY: DUKE ENERGY FLORIDA, LLC -
(DIRECT)
DESCRIPTION: Thomas G. Foster/Christopher

SCHEDULE APPENDIX

EXHIBIT (TGF-4)

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

**JANUARY 2017 - DECEMBER 2018
DOCKET NO. 170009-EI**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 31
PARTY: DUKE ENERGY FLORIDA, LLC - (DIRECT)
DESCRIPTION: Thomas G. Foster TGF-4

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Crystal River Unit 3 Uprate
January 2017 - December 2018

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5	2018 Detail	2018 Detail Revenue Requirement Calculations	T. G. Foster
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**CR3 Uprate
2018 Summary
Duke Energy Florida**

Witness: Thomas G. Foster
Docket No. 170009-EI
Exhibit (TGF- 4), Page 3 of 13

(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	<u>(191,700)</u>	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	<u><u>49,648,457</u></u>	

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)	(180,333)	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)	(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

Witness: T.G. Foster
Docket No. 170009-EI
Exhibit (TGF- 4), Page 5 of 13

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	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

Witness: T.G. Foster
Docket No. 170009-EI
Exhibit (TGF- 4), Page 6 of 13

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%	<u>\$2,117,610</u>	<u>1,792,675</u>		
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%	<u>\$15,100,048</u>	<u>13,994,815</u>		
Curtable					
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%	<u>\$115,488</u>	<u>127,323</u>		
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%	<u>\$1,519,015</u>	<u>1,866,638</u>		
Lighting					
LS-1 Secondary	0.177%	\$87,718	375,320	0.023	
	<u>100.000%</u>	<u>49,648,457</u>	<u>38,386,711</u>	<u>0.129</u>	

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	<u>(2,163,991)</u>			
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	<u>(122,994)</u>			
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

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	<u>(157,393)</u>			
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	<u>(34,306)</u>			

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		<u>29,995,096</u>	
3 Investment to Amortize	(2014 through 2019)	\$	262,086,044	
4 Annual Amortization (2015 -2018)	Line 3d (TGF-4) 2017 Detail & 2018 Detail	\$	<u>43,681,007</u>	
See Appendix F for Amortization Detail 2013-2019				
2017 BB Investment prior to CY Amort		\$	130,521,183	
2017 Additions			<u>-</u>	
Total (Exclusive of Prior Period Over/Under Recoveries)			130,521,183	
Less: 2017 Amortization			<u>43,681,007</u>	
Less: Collection of Wind-Down / Exit Costs 2017			<u>-</u>	
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)	\$	<u>(157,393)</u>	
2017 EB Unrecovered Investment	(Period Total 2017 Detail: Line 3h)	\$	<u>86,682,782</u>	

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	<u>Total</u>	\$63,971	\$44,137	(\$19,834)	

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

	System Per	Retail Per	Pro Rata	Specific	Adjusted	Cap	Low-Point		Mid-Point		High-Point	
	Books	Books	Adjustments	Adjustments	Retail	Ratio	Cost Rate	Weighted Cost	Cost Rate	Weighted Cost	Cost Rate	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
----------	---	-----------------------	------------------------------	---------------------	-----------------

<u>Generation:</u>					
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.

COMPANY:

Duke Energy Florida

DOCKET NO.:

170009-EI

Appendix E
Witness: Thomas G. Foster
Docket No. 170009-EI
Exhibit (TGF - 4), Page 12 of 13

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

Appendix F

Witness: Thomas G. Foster

Docket No. 170009-EI

Exhibit (TGF - 4), Page 13 of 13

	<u>2013</u>	<u>2014 (a)</u>	<u>2015 (b)</u>	<u>2016 (b)</u>	<u>2017 (b)</u>	<u>2018 (b)</u>	<u>2019 (c)</u>
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	<u>(29,985,613)</u>	<u>(29,995,096)</u>	<u>(29,995,096)</u>	<u>(29,995,096)</u>	<u>(29,995,096)</u>	<u>(29,995,096)</u>	<u>(29,995,096)</u>
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	\$ -
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	
<i>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</i>							
(Over/Under)			(3,622,279)	(2,163,991)	(157,393)	0	
(Over/Under) Shown in Exhibits			<u>(3,622,279)</u>	<u>(2,163,991)</u>	<u>(157,393)</u>	<u>(0)</u>	
Variance			(0)	(0)	(0)	(0)	

Note (a):

TGF-6 Filed May 1, 2013

	<u>For 2014 Rates</u>
Estimated YE 2013 Balance	\$ 265,009,070
Estimated 2014 Wind-down Costs	208,008
Total Amount to be Amortized	<u>265,217,078</u>
Annual Amortization (2014)	\$ 44,202,846

Note (b):

TGF-3 Filed March 1, 2014

	<u>YE 2013 - Actual</u>
Additions for the Period	\$ 292,081,140
Less: Transferred to Plant-in-Service	29,995,096
2013 Actual EB Investment to Amortize	<u>262,086,044</u>
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)

Deferred until October 25, 2017 Hearing

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 32
PARTY: DUKE ENERGY FLORIDA, LLC -
(DIRECT)
DESCRIPTION: Thomas G. Foster TGF-5

Deferred until October 25, 2017 Hearing

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 33
PARTY: DUKE ENERGY FLORIDA, LLC - (DIRECT)
DESCRIPTION: Thomas G. Foster TGF-6

State of Florida



Public Service Commission

Office of Auditing and Performance Analysis
Bureau of Auditing
Tampa District Office

Auditor's Report

Duke Energy Florida, LLC
Crystal River Unit 3 Uprate

Twelve Months Ended December 31, 2016

Docket No. 170009-EI
Audit Control No. 17-006-2-2

May 7, 2016

A handwritten signature in black ink, appearing to read "Ron Mavrides", written over a horizontal line.

Ronald A. Mavrides
Audit Manager

A handwritten signature in black ink, appearing to read "Linda Hill", written over a horizontal line.

Linda Hill
Reviewer

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 34
PARTY: STAFF - (PREFILED DIRECT) RE: DEF
DESCRIPTION: Ronald A. Mavrides RAM-1

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Exhibit
1: True-Up5

Purpose

To: Florida Public Service Commission

We have performed the procedures described later in this report to meet the objectives set forth by the Office of Industry Development and Market Analysis in its audit service request dated January 5, 2017. We have applied these procedures to the attached schedule prepared by Duke Energy Florida, LLC in support of its 2016 Nuclear Cost Recovery Clause filing for the Crystal River Unit 3 Uprate Project in Docket No. 170009-EI.

This audit was performed following General Standards and Fieldwork Standards found in the AICPA Statements on Standards for Attestation Engagements. The report is intended only for internal Commission use.

Objectives and Procedures

General

Definitions

Utility refers to Duke Energy Florida, LLC. NCRC refers to the Nuclear Cost Recovery Clause.

CCRC refers to the Capacity Cost Recovery Clause.

Construction costs are costs that are expended to construct the nuclear power plant, but not limited to, the costs of constructing power plant buildings and all associated permanent structures, equipment and systems.

Utility Information

On February 5, 2013, the Utility announced its intent to retire the CR3 plant. Recovery of costs will continue until 2019.

Objectives: The objectives were to determine whether the Utility's 2016 NCRC filing in Docket No. 170009-EI is consistent and in compliance with Section 366.93, Florida Statutes and Rule 25-6.0423, Florida Administrative Code (F.A.C.).

Procedures: We performed the following objectives and procedures to satisfy the overall objective identified above.

Construction Work In Progress

Objectives: The objectives were to determine whether the 2016 adjustments and additions to the unrecovered Construction Work In Progress (CWIP) jurisdictional balances that are included for recovery and disclose and report the jurisdictional amount of any 2016 adjustments and additions to the unrecovered CWIP balance that are included for recovery.

Procedures: We determined that there were no adjustments to unrecovered CWIP jurisdictional balances that are included for recovery. All NCRC activity that is now related to capital investment is allocated to the Regulatory Asset Account. We determined that there was not any capital activity associated with the CR3 project in 2016. No exceptions were noted.

Recovery

Objectives: The objectives were to determine whether the Utility used the Commission approved CCRC factors to bill customers for the period January 1, 2016, through December 31, 2016, and whether Exhibit TGF-2 reflects amounts in Order No. PSC-16-0547-FOF-EI.

Procedures: We agreed the amount collected in Exhibit TGF-2 to the 2016 NCRC jurisdictional amount approved in Order No. PSC-16-0547-FOF-EI and to the CCRC in Docket No. 170001-EI. We determined that the Utility used the approved CCRC factors. No exceptions were noted.

Expense

Operation and Maintenance Expense

Objectives: The objectives were to determine whether Operation and Maintenance (O&M) Expense on Exhibit TGF-2 are: 1) Supported by adequate source documentation, 2) Appropriately recoverable through the NCRC, and 3) Total jurisdictional O&M Expense is accurately calculated.

Procedures: We judgmentally selected ten transactions from the transaction details and reviewed them for the proper period, amounts, and that they are legitimate NCRC costs. For costs that are for a service or product that is under contract, we: 1) Traced the invoiced cost to the contract terms and pricing, 2) Ensured that the amounts billed are for actual services or materials received, and 3) Investigated all prior billing adjustments and job order changes to the contract(s).

Included in the samples were 2016 labor costs for four employees, of which we obtained the supporting backup. We recalculated labor costs using employee records for employees who provided labor charged to the NCRC in the sample. We verified the hours worked and recalculated the labor charges recorded by the Utility charged to the NCRC. We verified other costs for proper account, period, and amount. No exceptions were noted.

Project Close-Out Costs

Objective: The objective was to determine whether 2016 project close-out costs were properly included for recovery.

Procedures: We investigated the status of project management close-out costs incurred during 2016. We determined 2016 was the first year there were no project management related close-out costs incurred. No exceptions were noted.

True-Up

Objective: The objective was to determine whether the True-Up and Interest Provision as filed on Schedule TGF-2 was properly calculated.

Procedures: We traced the December 31, 2015, True-Up Provision to the Commission Order. We recalculated the True-Up and Interest Provision amounts as of December 31, 2016, using the Commission approved beginning balance as of December 31, 2015, the approved 2016 jurisdictional separation factors for capacity revenues and costs to be included in the recovery factor, and the 2016 costs. No exceptions were noted.

Audit Findings

None

Exhibit

Exhibit 1: True-Up

DUNE ENERGY FLORIDA Nuclear Cost Recovery (NCR) - CR3 Uprate 2016 Detail - Calculation of the Revenue Requirement January 2016 through December 2016													Appendix T.G. Item 1 Detail No. 10220-01 Rate Group Form Exhibit 1(T.G. 2)		
Line	Description	Beginning of Period Amount	Actual January 2016	Actual February 2016	Actual March 2016	Actual April 2016	Actual May 2016	Actual June 2016	Actual July 2016	Actual August 2016	Actual September 2016	Actual October 2016	Actual November 2016	Actual December 2016	Period Total
1	Unaudited Year-End	171,181,975	0	0	0	0	0	0	0	0	0	0	0	0	0
a	PLU Construction & Wind-Down Costs	(1,029,164)	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Rate of Salvage of Assets	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Discharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Total	170,152,811	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Adjustments														
a	Non-Cash Accounts	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Wind-Down Costs	(18,128,547)	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Other (a)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Adjusted System Generation Construction Unit Additions	314,843,014	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Rate of Salvage of Assets - Current Year Activity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
f	Rate of Salvage of Assets - Prior Year Activity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
g	Rate of Salvage of Assets - Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0
h	Beginning Balance - Jan 2016 Investment	274,911,087	0	0	0	0	0	0	0	0	0	0	0	0	274,911,087
i	Beginning Balance - Jan 2016 Investment	1,110,000	0	0	0	0	0	0	0	0	0	0	0	0	1,110,000
j	Customer 3024 & 3013 Payment of Regulatory Assets	(17,381,894)	0	0	0	0	0	0	0	0	0	0	0	0	(17,381,894)
k	Total Unaudited Unaudited Investment	258,197,197	0	0	0	0	0	0	0	0	0	0	0	0	258,197,197
3	Carrying Cost an Unrecovered Investment Balance														
a	Unrecovered Investment Costs for the Permitting Balance - Line 2i	204,187,187	0	0	0	0	0	0	0	0	0	0	0	0	204,187,187
b	Plant in Service	29,995,096	0	0	0	0	0	0	0	0	0	0	0	0	29,995,096
c	Plant in Service - Wind-Down / Exit Costs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Amortization of Unrecovered Investment (a)	(1,642,044)	(1,642,044)	(1,642,044)	(1,642,044)	(1,642,044)	(1,642,044)	(1,642,044)	(1,642,044)	(1,642,044)	(1,642,044)	(1,642,044)	(1,642,044)	(1,642,044)	(16,420,440)
e	Plant in Service - Charge Investment Balance (a)	(1,622,776)	(1,622,776)	(1,622,776)	(1,622,776)	(1,622,776)	(1,622,776)	(1,622,776)	(1,622,776)	(1,622,776)	(1,622,776)	(1,622,776)	(1,622,776)	(1,622,776)	(16,227,776)
f	Plant in Service - Charge Investment Balance (a)	(2,279,374)	(2,279,374)	(2,279,374)	(2,279,374)	(2,279,374)	(2,279,374)	(2,279,374)	(2,279,374)	(2,279,374)	(2,279,374)	(2,279,374)	(2,279,374)	(2,279,374)	(22,793,740)
g	Plant in Service - Charge Investment Balance (a)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
h	Net Investment	570,578,811	567,938,867	565,300,823	562,662,779	560,024,735	557,386,691	554,748,647	552,110,603	549,472,559	546,834,515	544,196,471	541,558,427	538,920,383	536,282,339
4	Average Net Investment		\$168,846,427	\$163,823,824	\$158,801,221	\$153,778,618	\$148,756,015	\$143,733,412	\$138,710,809	\$133,688,206	\$128,665,603	\$123,643,000	\$118,620,397	\$113,597,794	\$108,575,191
5	Return on Average Net Investment														
a	Rate Commission	0.00197	66,187	64,689	63,191	61,693	60,195	58,697	57,199	55,701	54,203	52,705	51,207	49,709	7,021,908
b	Rate Commission - Grand Total for Taxes	0.00116	392,846	385,425	378,004	370,583	363,162	355,741	348,320	340,899	333,478	326,057	318,636	311,215	2,731,526
c	Rate Commission		1,318,370	1,340,841	1,363,312	1,385,783	1,408,254	1,430,725	1,453,196	1,475,667	1,498,138	1,520,609	1,543,080	1,565,551	14,319,464
d	Total Return		1,318,370	1,340,841	1,363,312	1,385,783	1,408,254	1,430,725	1,453,196	1,475,667	1,498,138	1,520,609	1,543,080	1,565,551	14,319,464
6	Revenue Requirements for the Period (Line 1 + 5d)		1,318,370	1,340,841	1,363,312	1,385,783	1,408,254	1,430,725	1,453,196	1,475,667	1,498,138	1,520,609	1,543,080	1,565,551	14,319,464
7	Project Revenue Requirements for the Period (Chair No. PSC 15-0511-ROF (a))		1,368,016	1,399,738	1,431,460	1,463,182	1,494,904	1,526,626	1,558,348	1,590,070	1,621,792	1,653,514	1,685,236	1,716,958	14,760,587
8	Over/Under Recovery for the Period		(49,646)	(58,897)	(68,148)	(77,399)	(86,650)	(95,901)	(105,152)	(114,403)	(123,654)	(132,905)	(142,156)	(151,407)	(971,023)
9	Other (a) / Wind-Down														
a	Accounting	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	2,374	29,328
b	Corporate Planning	2,373	2,373	2,373	2,373	2,373	2,373	2,373	2,373	2,373	2,373	2,373	2,373	2,373	13,550
c	Rate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Wind-Down Costs	(1,348)	(1,348)	(1,348)	(1,348)	(1,348)	(1,348)	(1,348)	(1,348)	(1,348)	(1,348)	(1,348)	(1,348)	(1,348)	(1,348)
e	Total Other (a) / Wind-Down Costs	4,027	4,027	4,027	4,027	4,027	4,027	4,027	4,027	4,027	4,027	4,027	4,027	4,027	30,830
10	Unrecovered Factors (a)(b)	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	0.9322	16,463
11	Unrecovered Amount	4,019	4,019	4,019	4,019	4,019	4,019	4,019	4,019	4,019	4,019	4,019	4,019	4,019	49,311
12	Rate Actual Unrecovered Balance (a)	(111,358)	(117,950)	(124,542)	(131,134)	(137,726)	(144,318)	(150,910)	(157,502)	(164,094)	(170,686)	(177,278)	(183,870)	(190,462)	(1,651,154)
13	Rate Actual Cash Recovered (a)	(66,232)	(13,559)	(13,850)	(14,141)	(14,432)	(14,723)	(15,014)	(15,305)	(15,596)	(15,887)	(16,178)	(16,469)	(16,760)	(1,512,228)
14	Rate Month Period (Over/Under Recovery Unrecovered Balance)	(111,358)	(104,391)	(110,692)	(116,993)	(123,294)	(129,595)	(135,896)	(142,197)	(148,498)	(154,799)	(161,100)	(167,401)	(173,702)	(1,651,154)
15	Carrying Costs for the Period														
a	Balance - Expense for Interest	(127,631)	(129,714)	(131,797)	(133,880)	(135,963)	(138,046)	(140,129)	(142,212)	(144,295)	(146,378)	(148,461)	(150,544)	(152,627)	(1,518,743)
b	Balance - Commercial Paper Rate	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
c	Interest Provision	(41)	(41)	(41)	(41)	(41)	(41)	(41)	(41)	(41)	(41)	(41)	(41)	(41)	(41)
d	Total Cash and Interest (Line 11 + Line 15a)	1,927	4,084	8,139	12,194	16,249	20,304	24,359	28,414	32,469	36,524	40,579	44,634	48,689	36,121
16	Recovered - Other No. PSC 15-0511-ROF (a)	4,145	4,144	4,143	4,142	4,141	4,140	4,139	4,138	4,137	4,136	4,135	4,134	4,133	79,748
17	Over/Under Recovery for the Period		(7,184)	(1,702)	(1,451)	(1,200)	(1,451)	(1,702)	(2,203)	(2,704)	(3,205)	(3,706)	(4,207)	(4,708)	(17,652)
18	Revenue Requirements for the Period		1,342,187	1,349,039	1,355,891	1,362,743	1,369,595	1,376,447	1,383,299	1,390,151	1,397,003	1,403,855	1,410,707	1,417,559	14,251,817
19	Recovered - Other No. PSC 15-0511-ROF (a)		1,334,142	1,341,094	1,348,046	1,355,000	1,361,954	1,368,908	1,375,862	1,382,816	1,389,770	1,396,724	1,403,678	1,410,632	14,196,316
20	Over/Under Recovery for the Period		(8,035)	(8,061)	(8,085)	(8,111)	(8,135)	(8,159)	(8,183)	(8,207)	(8,231)	(8,255)	(8,279)	(8,303)	(55,000)

(a) Please see Appendix B for Beginning Balance (a) and (b) and Appendix C for Unrecovered Balance (a) and (b) and Appendix D for Interest Provision (a) and (b).

Deferred until October 25, 2017 Hearing

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 35
PARTY: STAFF - (PREFILED DIRECT) RE: DEF
DESCRIPTION: Ronald A. Mavrides RAM-2

Deferred until October 25, 2017 Hearing

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 36
PARTY: STAFF - (PREFILED DIRECT) RE:
DEF
DESCRIPTION: Ronald A. Mavrides RAM-3

Deferred until October 25, 2017 Hearing

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 37
PARTY: STAFF - (PREFILED DIRECT) RE:
DEF
DESCRIPTION: Ronald A. Mavrides RAM-4

38

FPL's Response to OPC's 1st Set
of Interrogatories Nos. 7-13

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 38
PARTY: STAFF - (DIRECT)
DESCRIPTION: Steven D. Scroggs

QUESTION:

COMBINED OPERATING LICENSE (COL) PROCESS

Will Toshiba's announcement that Westinghouse will no longer build nuclear plants affect the receipt of FPL's COL for Turkey Point Units 6 & 7 units, if so how?

RESPONSE:

FPL understands that Toshiba management has indicated that Westinghouse is unlikely to be involved as the constructor of future AP1000 projects. FPL anticipates no impact from this activity on the COL process for Turkey Point Units 6 & 7.

QUESTION:

What affect does Toshiba's announcement that Westinghouse will no longer build nuclear plants have on the AP1000 owners group?

RESPONSE:

FPL understands that Toshiba management has indicated that Westinghouse is unlikely to be involved as the constructor of future AP1000 projects.

We assume the question refers to APOG, which is the group of utilities that have COLAs/COLs associated with the AP1000. FPL anticipates no effect on APOG as a result of these issues. As previously identified, Westinghouse continues to support FPL and the AP1000 design. The objectives of APOG, to collaborate on the standardized nature of the AP1000 design and the sharing of construction and, eventually, operational experience, remain.

QUESTION:

What affect does Toshiba's announcement that Westinghouse will no longer build nuclear plants have on the second wave of API 000 reactor units to be constructed?

RESPONSE:

FPL understands that Toshiba management has indicated that Westinghouse is unlikely to be involved as the constructor of future AP1000 projects. FPL will not speculate on the range of potential outcomes that may result from current business matters that may affect Toshiba or Westinghouse.

QUESTION:

Please describe the remaining key activities and anticipated dates of completion for the COL process?

RESPONSE:

There are two activities that are remaining to complete the COL process.

The Atomic Safety Licensing Board will hold a hearing on the last remaining contention on May 2 and, if necessary, May 3 in the Council chambers of the Homestead City Hall in Homestead, FL. It is anticipated that the Board will issue its ruling less than 90 days later.

The Mandatory Hearing with the NRC Commissioners will take place after consultations have been completed with Fish and Wildlife and the National Marine Fisheries Service. It is anticipated that the Commission will hold its hearing in late 2017 / early 2018.

QUESTION:

Please describe any impact that the NRC and its staff have identified with completion of the COL process based on Toshiba's announcement that Westinghouse will no longer be building nuclear power plants?

RESPONSE:

The NRC has not identified any impact on the completion of the Turkey Point Units 6 & 7 COL process.

QUESTION:

Can FPL place the COL process for the AP 1000 nuclear design on hold?

- a. If yes, is FPL planning on requesting such a pause in the COL process?
- b. If no, please explain why FPL cannot request a pause in the COL process, including what impacts if any a pause on the COL process?

RESPONSE:

Yes. It is possible for an applicant to request suspension of work related to its application.

a. No. The COL process is nearing completion, with limited activities remaining. Suspension of work would jeopardize the anticipated issuance of the COL, nullifying the value of the option created by obtaining a COL and would not be in the best interest of FPL customers.

b. N/A.

QUESTION:

To FPL's knowledge, will the NRC be placing a hold on FPL's COL request for approval of the AP 1000 design?

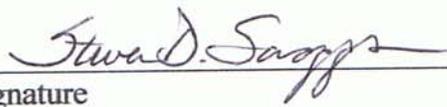
RESPONSE:

No.

DECLARATION

I sponsored the answers to Interrogatory Nos. 1-13 from Office of Public Counsel's First Set of Interrogatories to Florida Power & Light Company in Docket No. 170009-EI, and that the responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Signature

STEVEN D. SCROGGS

Name

Date: 3/28/2017

39

FPL's Response to Staff's 1st Set
of Interrogatories Nos. 1-3, 6

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 39
PARTY: STAFF - (DIRECT)
DESCRIPTION: Steven D. Scroggs

QUESTION:

Please refer to FPL's response to Staff's Second Set of Interrogatories Nos. 3 and 5 in Docket No. 160009-EI and witness Scroggs' exhibit SDS-9 filed in Docket No. 170009-EI. Does Schedule TOR-7 in exhibit SDS-9 indicate a revised estimate of commercial operation dates for the Turkey Point Units 6 & 7 (TP67)?

- a. Has FPL updated its project timeline schedule for the TP67 Project since 2015?
- b. If so, please state the date of the most recent version the project timeline schedule.
- c. If not, please provide an estimate of when FPL will update the timeline schedule for the TP67 Project.

RESPONSE:

No. The TOR-7 provides the assumed project annual spend that supports the estimated total project in-service cost range. This estimate is based on an assumed "pause" period of no less than four years, and represents the earliest practicable in-service dates.

- a. No.
- b. N/A.
- c. The next logical point at which FPL would update the project timeline schedule would be when FPL has obtained sufficient information to estimate a revised construction cost, schedule and execution plan. A revised project timeline schedule would be developed in support of an FP&L petition to conduct "preconstruction work", consistent with the Nuclear Cost Recovery statute.

QUESTION:

Please refer to FPL's response to Staff's Second Set of Interrogatories Nos. 4 and 5 in Docket No. 160009-EI addressing lessons learned from the first wave AP1000 projects and witness Scroggs' May 1, 2017 testimony addressing factors influencing the TP67 Project on pages 13 through 19.

- a. Please discuss the TP67 Project impacts, if any, should the owners of Vogtle Units 3&4 decide to abandon or suspend completion of the nuclear power plants.
- b. Please discuss the TP67 Project impacts, if any, should the owners of Summer Units 2&3 decide to abandon or suspend completion of the nuclear power plants.

RESPONSE:

a. The Vogtle 3 & 4 project is the Reference COL for U.S. AP1000 projects. As such, standard license amendments for the Vogtle 3 & 4 project must be incorporated in subsequent AP1000 licenses, such as the Turkey Point 6 & 7 license, once issued. Abandonment or suspension of the Vogtle 3 & 4 project could have several potential impacts on the Turkey Point 6&7 project, depending on the specifics of such an event.

- NRC Regulatory – In the absence of Vogtle 3 & 4 as the lead plant resolving these regulatory issues, Summer 2 & 3 would be the next likely candidate to fulfill the lead plant role. If, in addition, Summer 2 & 3 did not go forward, the Turkey Point 6 & 7 project would process any remaining necessary standard license amendments itself.
- Project Execution – A review of the factors contributing to positive and negative results associated with the Vogtle 3 & 4 project would provide guidance as to the potential impact these factors may have on the Turkey Point 6 & 7 project. An assessment would be made as to whether factors that contributed to the decision to halt the Vogtle 3 & 4 project were unique, avoidable or could otherwise be mitigated.
- Industry Impacts – The Vogtle 3 & 4 project is a major construction project involving a range of companies and suppliers. To the extent that a decision to halt the Vogtle 3 & 4 project creates financial hardship on these companies, the creditworthiness and risk appetite of these companies for future work could be negatively altered.

b. Please see the response to subpart (a) above.

QUESTION:

Please refer to FPL's response to Staff's Second Set of Interrogatories No. 7 in Docket 160009-EI, addressing year-to-year changes in data contained in schedule TOR-2 and also refer to witness Scroggs' May 1, 2017 testimony, SDS-9 schedule TOR-2.

- a. Please provide a table showing the 2016-to-2017 changes in Schedule TOR-2.
- b. Please discuss the drivers of any changes in the estimated pre-construction costs.
- c. Please discuss the drivers of any changes in the estimated construction costs.
- d. Please discuss the drivers of any changes in contingency factors.
- e. Please discuss the drivers of any changes in the estimated amount due to allowance for funds used during construction (AFUDC).

RESPONSE:

a.

	2016 Total Estimated In-Service Cost (high range)	2017 Total Estimated In-Service Cost (high range)	Variance
Site Selection	\$6,118,105	\$6,118,105	\$0
Pre-Construction	\$335,146,376	\$382,638,812	\$47,492,436
Construction	\$14,876,554,988	\$16,406,703,271	\$1,530,148,283
Carrying Charges & AFUDC	\$4,742,829,983	\$5,079,290,267	\$336,460,284
Total	\$19,960,649,452	\$21,874,750,455	\$1,914,101,003

b. The cost estimate provided in 2016 assumed in-service dates of 2027/2028 for Units 6 and 7, respectively. The 2017 values assume in-service dates of 2031/2032 consistent with FPL's planned "pause" prior to initiation of pre-construction work.

The increase in the estimated Turkey Point 6 & 7 pre-construction costs is a result of two factors. First, costs that would have been incurred during the Construction period, such as incorporation of License Amendments, is now expected to be incurred during the statutory "Preconstruction" period. To a lesser extent, an increase is created by escalation over the extended period, assumed to be 2.5% per year.

c. The increase in the estimated Turkey Point 6 & 7 in-service construction cost estimate is also a result of multiple factors. Principally, the shift in the assumed in-service dates results in

additional carrying charges and an increase created by escalation over the extended period, assumed to be 2.5% per year.

d. No changes have been made to cost contingencies that were initially incorporated in the overnight cost estimate range, and remain in the total project cost estimate. (See Witness Scroggs' testimony in the Need Determination, Docket 070650 - EI, pages 43-46, for a discussion of the contingency embedded within the cost estimate range.) Note that the contingency is an assumed percentage. Therefore, the amount of contingency increases proportional to the overall cost estimate.

e. There was a net decrease in the pretax AFUDC rate from 9.39% to 9.1967% which is offset by the time related costs that increase due to the change in assumed in-service dates. The change in AFUDC rate was primarily due to the following:

- Decrease in the Long-Term Debt (LTD) and Short-Term Debt (STD) cost rates
- Increase in the amount of zero-cost deferred income taxes in the capital structure
- A slight increase in the return on equity (ROE) midpoint from 10.50% to 10.55%

QUESTION:

Please refer to Section 366.93(5), Florida Statutes, and FPL's May 1, 2017 petition at page 6 where FPL mentions annual filings. Does FPL believe it would be reasonable to provide an annual TP67 Project status report for informational purposes in the NCRC docket during the period that recovery is not requested?

- a. If not, please explain why.
- b. Include in your response consideration of the month FPL would likely file a TP67 Project status report.
- c. Include in your response consideration of the scope and type of information that FPL believes would be informative to the Commission, including but not limited to, actual changes to FPL's jurisdictional deferred balance, Schedule T-6, Schedule TOR-2, Schedule TOR-7, and factors influencing FPL's review of the project.

RESPONSE:

FPL believes it would be reasonable to provide FPSC Staff an annual status report for informational purposes.

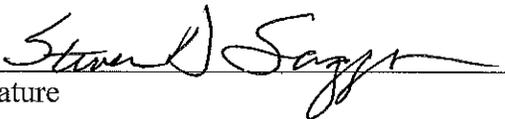
- a. n/a
- b. See response to subpart (c) below.
- c. The information included in Schedule TOR-2 is the type of information required by Section 366.93(5). Rule 25-6.0423(9)(f) requires that this same information be filed with the annual report filed pursuant to Rule 25-6.135, due by April 30th each year. Year over year increases would reflect the actual, total annual amount incurred for the project. FPL could also provide Staff with a brief narrative at the same time, to provide an update on the status of the project and factors influencing FPL's review.

Because the details of the annual project spend (reflected in Schedule T-6) would be subject to review in a future cost recovery proceeding, FPL does not intend to file those details during the period that recovery is not requested. Additionally, FPL will not be able to update the TOR-7, which is intended to reflect a project milestone schedule, until after the project "pause"; accordingly, it has no plans to create and file such a schedule.

DECLARATION

I sponsored the answers to Interrogatory Nos. 1-4 and 6 from Staff's First Set of Interrogatories to Florida Power & Light Company in Docket No. 170009-EI, and that the responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.


Signature

STEVEN D. SCROGGS
Name

Date: 5/30/17

EXHIBIT NO. 40

DOCKET NO: 20170009-EI

WITNESS: Steven D. Scroggs

PARTY: Florida Power & Light Company (FPL)

BRIEF TITLE OR DESCRIPTION OF THE DOCUMENT:

Errata to testimony of Steven D. Scroggs

PROFFERED BY: FPL

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 40
PARTY: FPL
DESCRIPTION: Scroggs FPL/ERRATA

**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

In re: Nuclear Cost)
Recovery Clause)

DOCKET NO. 20170009-EI
FILED: August 15, 2017

ERRATA SHEET

MAY 1, 2017 TESTIMONY OF STEVEN D. SCROGGS

<u>PAGE #</u>	<u>LINE #</u>	
Page 14	Line 4	Insert "The referenced hearing has occurred, and that remaining contention has been dismissed." after "hearing."
Page 20	Line 2	Insert "The referenced hearing has occurred, and that remaining contention has been dismissed." after "contention."
Page 14	Line 5	Insert "That hearing has now been scheduled for October 5, 2017." after "COL."
Page 20	Line 7	Insert "That hearing has now been scheduled for October 5, 2017." after "COL."
Page 15	Line 6	Insert "On July 27, 2017 the City of Miami Commission approved a resolution directing the Mayor to enter into a settlement with FPL resolving this issue, among others." after "issues."

EXHIBIT NO. 41

DOCKET NO: 20170009-EI

WITNESS: Scroggs

PARTY: FPL

BRIEF TITLE OR DESCRIPTION OF THE DOCUMENT:

SCANA ARTICLE

PROFFERED BY: Office of Public Counsel

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 41
PARTY: OPC
DESCRIPTION: Scroggs/
Scana Article



BRIEF

Santee Cooper, SCANA abandon Summer nuclear plant construction

By **Gavin Bade** • July 31, 2017

Dive Brief:

- Santee Cooper and SCANA Corp. will abandon efforts to build two new nuclear reactors at the Summer plant in South Carolina, the utilities announced on Tuesday.
- The board of Santee Cooper, which owns 45% of the project, voted unanimously on Monday to halt construction, citing costs officials said could reach over \$25 billion. SCANA Corp., which owns 55%, said in a statement it will immediately file plans with regulators to cease construction as well.
- The decisions follow a commitment last week from Toshiba to contribute \$2.2 billion toward the plant's completion. Problems with the reactor supplied by Toshiba subsidiary Westinghouse caused long delays and cost overruns at the Summer plant and the Vogtle nuclear project in Georgia, which also faces possible cancellation.

Dive Insight:

SCANA and Santee Cooper's decision to end construction on the Summer nuclear plant ends months of discussion at the two utilities on whether to forge ahead with the over-budget and behind-schedule nuclear project.

Last week, Cooper and SCANA subsidiary SCE&G accepted a \$2.2 billion commitment from Toshiba to continue building the

plant, but warned that the funds may be insufficient to complete construction.

At Monday's Santee Cooper board meeting, utility officials reportedly estimated it would cost an additional \$11.4 billion to finish the project, adding up to a total cost of about \$25 billion. That 75% increase in the original cost estimate proved too much for Santee Cooper, which the Post and Courier notes has raised rates five times to cover the cost of the project.

SCE&G has raised rates nine times to cover the Summer plant, The State newspaper notes, and said it will file plans with regulators to abandon its portion of the construction as well. The utilities faced an Aug. 10 deadline to file cost studies on the plant to the South Carolina Public Service Commission.

Originally proposed in 2007, the two-reactor expansion of the Summer plant was supposed to be completed by 2017 and 2018, respectively. But construction crews ran into problems with Westinghouse Electric's AP1000 reactor design, causing delays and cost overruns that led the nuclear developer to file for bankruptcy in March.

After taking over construction from Westinghouse, the utilities now say they would likely be unable to finish construction before the end of 2021, when a critical federal tax credit for nuclear energy is set to expire. In a statement, SCANA CEO Kevin Marsh blamed the contractor woes for scuttling the expansion.

"[T]he bankruptcy of our primary construction contractor, Westinghouse, eliminated the benefits of the fixed-price contract to our customers, investors, and other stakeholders," Marsh said. "Ultimately, our project co-owner Santee Cooper's decision to suspend construction made clear that proceeding on our own would not be economically feasible."

The decision leaves only one nuclear plant under construction in the United States — Southern Co.'s Vogtle nuclear project. That facility has experienced similar problems with reactor design and cost overruns, and Southern officials are expected to decide in August whether to terminate construction.

Recommended Reading:

 SCANA Corp.

South Carolina Electric & Gas Company To Cease Construction
And Will File Plan Of Abandonment Of The New Nuclear Project



 The Post And Courier

Santee Cooper to halt construction on \$14 billion nuclear project
in Fairfield County 

 The State

SCE&G, Santee Cooper abandon nuclear power project 

EXHIBIT NO. 42

DOCKET NO: 20170009-EI

WITNESS: Scroggs

PARTY: FPL

BRIEF TITLE OR DESCRIPTION OF THE DOCUMENT:

Vogtle Article

PROFFERED BY: Office of Public Counsel

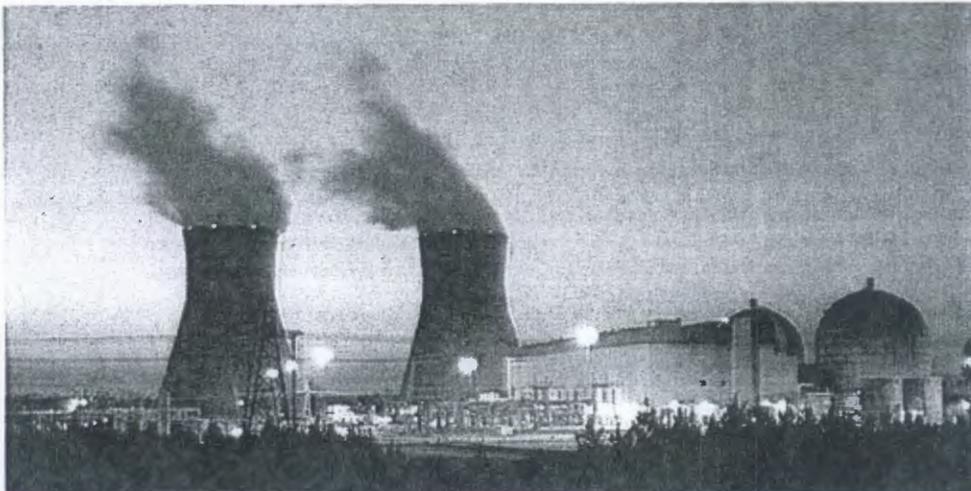
FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 42
PARTY: OPC.
DESCRIPTION: Scroggs /Vogtel Article

 THE TRANSFORMATION OF THE ENERGY SECTOR

NUCLEAR
Vogtle costs climb as decision timeline slips

Kristi E. Swartz, E&E News reporter

Published: Friday, August 11, 2017



The V.C. Summer nuclear project's fate is hanging heavily over the future of expansions at Plant Vogtle (pictured). Nuclear Regulatory Commission

ATLANTA — An owner in Georgia Power's nuclear expansion project said yesterday that it may need as much as \$2.3 billion more to finish the reactors.

Oglethorpe Power, which owns 30 percent of the Plant Vogtle project, said it will need to increase its original \$5 billion budget to a range of \$6.5 billion to \$7.3 billion, including a contingency amount, according to a Securities and Exchange Commission filing yesterday afternoon.

The information will help determine the future of the two reactors at Plant Vogtle, now the lone nuclear project in the nation under construction after two South Carolina electric companies decided last week to cancel theirs.

Georgia Power, which owns 45.7 percent of Vogtle, released its new figures last week as part of parent Southern Co.'s quarterly financial report.

Vogtle and V.C. Summer were already years behind schedule and billions above their forecast budget when contractor Westinghouse Electric Co. LLC filed for Chapter 11 bankruptcy protection in March. The electric companies paid for construction to continue while they dug through data to figure out how long it would take to finish the reactors.

Oglethorpe serves 38 electric member cooperatives and has a private board that is scheduled to meet this month, a utility spokesman said.

Oglethorpe's filing is key because it includes several risks, including that Vogtle's final costs could be higher than its estimates. The utility also said while it expects Southern's nuclear unit — now Vogtle's main contractor — will manage the project at the lower end of the budget range, "we are conservatively planning around the upper end of the range."

Oglethorpe's figures also included getting payments from Westinghouse's parent, Toshiba Corp., which has agreed to underwrite the entire project by \$3.7 billion. For Oglethorpe, that translates to \$1.1 billion, but the utility makes clear that this is not a given.

Toshiba is on shaky financial ground because of Westinghouse's U.S. nuclear projects. The company finally released audited earnings yesterday, it avoiding being delisted from the Tokyo Stock Exchange but continued to state that there are "material events and conditions that raise the substantial doubt about the company's ability to continue as a going concern."

Vogtle decision timeline shifts

Meanwhile, Georgia utility regulators will not sign off on Vogtle's future until February, which will be six months after Georgia Power files a highly anticipated document with the commission. That filing is its routine cost-and-schedule report on Vogtle, which will be anything but routine given what's at stake.

In the report, Georgia Power will outline its estimated cost to finish Vogtle, how much it would cost to cancel the project and the risks that come with each option, company spokesman Jacob Hawkins confirmed in an email. It also will include its recommendation.

That starts a statutory clock that will run into February and punts the decision on Vogtle's future to the five-member Georgia Public Service Commission, unless other factors come into play earlier. This includes whether the project's co-owners agree to remain as partners, an issue that wasn't urgent until South Carolina-owned Santee Cooper's board voted July 31 to abandon its 45 percent share of V.C. Summer.

Without that financial support, Scana Corp.'s South Carolina Electric & Gas Co. could not finish building even one reactor, which the utility said it wanted to do.

The decision, including that SCE&G is allowed by law to charge its customers the costs to abandon the project, sent elected officials from the governor down to local leaders into a tailspin.

The South Carolina Senate and House have called special committees and are considering a special session to review a host of issues that played into V.C. Summer's approval and now abandonment. The governor is looking for a new utility to step in to help finish the project, even though analysts and others say that move is unrealistic.

While the "abandonment clause" was part of the law that the South Carolina Legislature approved for V.C. Summer, the backlash from SCE&G's and Santee Cooper's decision to use it is clearly a factor in Georgia.

"That's something that, at this point, it's big," PSC Chairman Stan Wise told reporters after a routine committee meeting yesterday.

Ripple effect for Georgia Power

The fallout in South Carolina is making an already tense situation worse for Georgia Power, which has to ensure that Vogtle remains economical to finish, and regulators, who could have the final say. The debate goes to nuclear's Achilles' heel: The reactors are expensive to build, and utilities want assurance that customers bear most of the risk that comes with that.

Right now, politics are playing the dominant role over economics, especially while Vogtle's final numbers are missing.

"Again I'm driven partly by the cost that's sunk, of steel and concrete and labor and financing costs," Wise said. "If you abandon at this point, you get nothing from the investment that's made today. Even if today it's appropriate to abandon it and replace it with natural gas, there's still billions that are sunk in a testament, to a monument to failure."

Wise introduced a 14-point motion that he wants to serve as a blueprint for what Georgia Power should include in its filing at the end of the month. Commissioners will not vote on the issue until next Tuesday, but the debate over certain portions of it turned what is usually a 15-minute discussion into a 90-minute tense session that included everything from reviewing the success of Vogtle 1 and 2 to the importance of Tesla Inc.'s Powerwall.

At issue yesterday was whether the PSC will be able to approve revised cost estimates. The PSC staff argued that cannot happen now because of an agreement that is already in place.

Georgia Power's attorney argued that the company needs an answer on the new cost estimates to move forward.

What's more, Georgia Power must follow certain procedures, including getting PSC approval to cancel Vogtle if it wants to recoup already spent costs from its customers. The utility cannot collect that money if it decides on its own to cancel the project, PSC staff attorney Jeff Stair noted.

The debate showed the high level of gamesmanship that is taking place among all sides as Vogtle's future — and that of the nation's baseload nuclear power industry — is at stake.

"Is the company saying, 'If you don't agree with our interpretation of this particular interpretation of the statute, we're going to take our ball and go home?' I have not heard that," a frustrated Stair said. "Is that what's happening here? Because if that's what's happening here, we have different issues to talk about."

Twitter: @BizWriterKristi | Email: kswartz@eenews.net

Advertisement



MUSICAL CHAIRS COMMITTEE LINE-UPS IN THE 115TH CONGRESS

TAKING A SEAT IS JUST THE START
Read E&E News' coverage of committee action here

The banner features a group of people in a meeting setting on the right side.

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DOCKET NO: 200170009

WITNESS: Steven D. Scroggs

PARTY: FLORIDA INDUSTRIAL POWER USERS GROUP

DESCRIPTION: Article; How two cutting edge U.S. nuclear projects
bankrupted Westinghouse

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 43
PARTY: FIPUG Article, "How two cutting edge US
nuclear projects bankrupted Westinghouse."
DESCRIPTION: Scroggs/FIPUG

How two cutting edge U.S. nuclear projects bankrupted Westinghouse

Tom Hals and Emily Flitter

May 2, 2017

WILMINGTON, Del./NEW YORK (Reuters) - In 2012, construction of a Georgia nuclear power plant stalled for eight months as engineers waited for the right signatures and paperwork needed to ship a section of the plant from a factory hundreds of miles away.

The delay, which a nuclear specialist monitoring the construction said was longer than the time required to make the section, was emblematic of the problems that plagued Westinghouse Electric Co as it tried an ambitious new approach to building nuclear power plants.

The approach - building pre-fabricated sections of the plants before sending them to the construction sites for assembly - was supposed to revolutionize the industry by making it cheaper and safer to build nuclear plants.

But Westinghouse miscalculated the time it would take, and the possible pitfalls involved, in rolling out its innovative AP1000 nuclear plants, according to a close examination by Reuters of the projects.

Those problems have led to an estimated \$13 billion in cost overruns and left in doubt the future of the two plants, the one in Georgia and another in South Carolina.

Overwhelmed by the costs of construction, Westinghouse filed for bankruptcy on March 29, while its corporate parent, Japan's Toshiba Corp, is close to financial ruin [L3N1HI4SD]. It has said that controls at Westinghouse were "insufficient."

The miscalculations underscore the difficulties facing a global industry that aims to build about 160 reactors and is expected to generate around \$740 billion in sales of equipment in services in the coming decade, according to nuclear industry trade groups.

The sector's problems extend well beyond Westinghouse. France's Areva is being restructured, in part due to delays and huge cost overruns at a nuclear plant the company is building in Finland.

Even though Westinghouse's approach of pre-fabricated plants was untested, the company offered aggressive estimates of the cost and time it would take to build its AP1000 plants in order to win future business from U.S. utility companies. It also misjudged regulatory hurdles and used a construction company that lacked experience with the rigor and demands of nuclear work, according to state and federal regulators' reports, bankruptcy filings and interviews with current and former employees.

"Fundamentally, it was an experimental project but they were under pressure to show it could be a commercially viable project, so they grossly underestimated the time and the cost and the difficulty," said Edwin Lyman, a senior scientist at the Union of Concerned Scientists, who has written and testified about the AP1000 design.

Westinghouse spokeswoman Sarah Cassella said the company is "committed to the AP1000 power plant technology", plans to continue construction of AP1000 plants in China and expects to bid for new plants in India and elsewhere. She declined to comment on a detailed list of questions from Reuters.

PROBLEMS FROM THE START

By early 2017, the Georgia and South Carolina plants were supposed to be producing enough energy to power more than a half a million homes and businesses. Instead, they stand half-finished. (For a graphic see tmsnrt.rs/2oQEKgE)

Southern Co, which owns nearly half the Georgia project, and SCANA Corp, which owns a majority of the South Carolina project, have said they are evaluating the plants and could abandon the reactors altogether.

"We will continue to take every action available to us to hold Westinghouse and Toshiba accountable for their financial responsibilities under the engineering, procurement and construction agreement and the parent guarantee," Southern said in a statement. A spokesman declined to elaborate.

The projects suffered setbacks from the start. In one instance, to prepare the Georgia plant for construction, Westinghouse and its construction partner in 2009 began digging out the foundation, removing 3.6 million cubic yards of dirt.

But half of the backfill – the material used to fill the excavated area - failed to meet regulatory approval, delaying the project by at least six months, according to William Jacobs, the nuclear specialist who monitored construction of the plant for Georgia's utility regulator.

He declined to be interviewed.

But the source of the biggest delays can be traced to the AP1000's innovative design and the challenges created by the untested approach to manufacturing and building reactors, according to more than a dozen interviews with former and current Westinghouse employees, nuclear experts and regulators.

Unlike previous nuclear reactors, the AP1000 would be built from prefabricated parts; specialized workers at a factory would churn out sections of the reactor that would be shipped to the construction site for assembly. Westinghouse said in marketing materials this method would standardize nuclear plant construction.

Westinghouse turned to Shaw Group Inc, which held a 20 percent stake in Westinghouse, to build sections for the reactors at its factory in Lake Charles, Louisiana. There, components for two reactors each in Georgia and South Carolina would be manufactured.

LAKE CHARLES

Seven months after work began in the May 2010, Shaw had already conducted an internal review at the behest of the Nuclear Regulatory Commission (NRC) to document problems it was having producing components.

In a letter to the NRC, Shaw's then-executive vice president, Joseph Ernst, wrote: "The level and effectiveness of management oversight of daily activities was determined to be inadequate based on the quality of work."

He laid out a laundry list of deficiencies ranging from Shaw's inability to weed out incorrectly made parts to the way it stored construction materials.

Ernst did not respond to a phone call seeking comment.

Over the next four years, regulatory and internal inspections at Lake Charles would reveal a slew of problems associated with the effort to construct modular parts to fit the new Westinghouse design, NRC records show.

When a sub-module was dropped and damaged, Shaw managers ordered employees to cover up the incident; components were labeled improperly; required tests were neglected; and some parts' dimensions were wrong. The NRC detailed each one in public violation notices.

Then there was the missing and illegible paperwork.

The section that was delayed more than eight months by missing signatures would become one of 72 modules fused together to hold nuclear fuel. The 2.2 million pound unit was installed more than two years behind schedule.

It was not until June 2015 that the Lake Charles facility was building acceptable modules, according to a report by Jacobs. By then, Shaw had been bought by Chicago Bridge & Iron.

Gentry Brann, a CB&I spokeswoman, said the company put the Lake Charles plant under new management and installed new procedures after the 2013 acquisition. She said Westinghouse was to blame for subsequent delays, citing "several thousand" technical and design changes made after work had already started on various components.

Westinghouse declined to comment.

THE NRC

To some extent, Westinghouse also was hamstrung by the NRC, which imposed stringent requirements for the new reactors. To comply, Westinghouse made some design changes that were tiny tweaks; others were larger.

For instance, before the NRC would issue the utilities an operating license for the Georgia plant, it demanded changes to the design of the shield building, which protects against radiation leaks. The regulator said the shield needed to be strengthened to withstand a crash by a commercial jet, a safety measure arising from the Sept. 11, 2001 attacks.

The NRC issued the new standard in 2009, seven years after Westinghouse had applied for approval of its design. The company, in bankruptcy court filings, said the NRC's demand created unanticipated engineering challenges.

A spokesman for the NRC, Scott Burnell, said the changes should not have come as a surprise, since the agency had been talking about the stringent requirements for several years.

Westinghouse changed its design to protect against a jet crash, but at that point the NRC questioned whether the new design could withstand tornadoes and earthquakes.

Westinghouse finally met the requirements in 2011, according to a report by Jacobs.

By 2016 Westinghouse began to grasp the scope of its dilemma, according to a document filed in its bankruptcy: Finishing the two projects would require Westinghouse to spend billions of dollars on labor, abandoning them would mean billions in penalties.

Westinghouse determined it could not afford either option.

Graphic: Cost overruns at Westinghouse's nuclear plants - tmsnr.rs/2qnmtML

Reporting by Tom Hals in Wilmington, Delaware; additional reporting by Makiko Yamazaki in Tokyo; editing by

Paul Thomasch

DOCKET NO: 200170009

WITNESS: Steven D. Scroggs

PARTY: FLORIDA INDUSTRIAL POWER USERS GROUP

DESCRIPTION: Article; 'We, Westinghouse, cannot fail': CEO, new documents give fuller picture of business

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 44
PARTY: FIPUG
DESCRIPTION: Scroggs/Article, "We, Westinghouse, cannot fail: CEO, new documents give fuller picture of business."

'We, Westinghouse, cannot fail': CEO, new documents give fuller picture of business

June 6, 2017 12:08 AM

By Anya Litvak / Pittsburgh Post-Gazette

A few minutes after 3 a.m. March 29, José Emeterio Gutiérrez — whose signature as interim CEO of Westinghouse Electric Co. was all over bankruptcy documents filed at that early hour — received an email with a puzzling sentiment: “Congratulations.”

“It’s 3 a.m. in the morning. Probably, my English is gone,” Mr. Gutiérrez, a Spanish native, recalled at an industry conference last month. “This guy is crazy.”

The unidentified well-wisher followed up the email with a call. “You have been suffering a lot in the past weeks with a lot of different issues,” he said, according to Mr. Gutiérrez. “You have an opportunity to restructure this business.”

“I said, ‘OK. Thank you. We’ll see,’” Mr. Gutiérrez replied.

In his first public remarks since the Cranberry-based nuclear firm was plunged into bankruptcy by delays and billions of dollars in cost overruns at nuclear power plant construction projects in Georgia and South Carolina, Mr. Gutiérrez said the future of the industry relies on companies like Westinghouse staying viable and vibrant.

“We, Westinghouse, cannot fail,” he told an audience of peers, other nuclear firms and suppliers who are watching with trepidation the company’s travails in bringing its first U.S. AP1000 nuclear plants to market.

“We have to build these reactors,” he said. “Otherwise, the future is going to be compromised.”

Mr. Gutiérrez said other countries — he emphasized countries, not companies, because Westinghouse’s major competitors are subsidiaries of governments such as Russia, China and South Korea — cannot be allowed to usurp the leadership of the U.S. nuclear industry.

“We, Westinghouse,” he said, “in a very humble way, we are trying to do our piece.”

Construction at a junction

Mr. Gutiérrez has said the company plans to finish its turnaround plan by the end of July.

As he spoke May 24, Westinghouse’s bankruptcy consultants were putting the finishing touches on thousands of pages of financial statements that were made public a few days later.

The sheer size of the effort can be seen by the bankruptcy fees disclosed — more than \$15 million was paid to lawyers and consultants in the three months before the filing in late March.

Millions more were paid to Citibank, which helped Westinghouse get its \$800 million debtor-in-possession financing — a loan to keep the company’s domestic and international businesses operating as it reorganizes.

The recently released disclosures shine a light on the massive scope of the Westinghouse organization, as seen through rosters of its contracts, vendor lists, environmental liabilities, assets and other markers.

With an estimated \$5 billion in assets — almost 20 percent of that in the form of intellectual property — and \$618 million in known liabilities, the financial documents show a company that, were it not for the construction projects, might be something to brag about.

The potential losses from breaking those construction contracts, which Westinghouse intends to do, or from other delays on the projects and disputes with its former construction partner aren’t yet known, but are estimated to be in the billions.

Nor is the fate of those projects much clearer than when Westinghouse filed for bankruptcy protection.

On May 16, Westinghouse reached a tentative agreement with Southern Co., the parent of the utility that commissioned the Plant Vogtle AP1000 projects in Georgia. The deal called for Southern to take over responsibility for completing the construction. The two parties were supposed to finalize a path forward by Sunday, but they were still negotiating Monday.

Parallel discussions are ongoing between Westinghouse and Scana Co., which owns the two AP1000 units under construction at V.C. Summer in South Carolina.

It has been rumored for months that Fluor Corp. and Bechtel Corp., two of the country's largest engineering and construction firms, might be preparing bids to take over the projects in Georgia and South Carolina.

Fluor was brought in by Westinghouse more than a year ago to straighten things out after the nuclear firm's ill-fated takeover of the nuclear construction firm that was previously in charge of that effort, Stone & Webster.

Bechtel, according to the recently filed financial statements, has also been on the job since at least January, as evidenced by two "staff augmentation contracts," one at each site.

"We hope that the reactors will be built and we hope they did a better job than we did," Mr. Gutiérrez said at the Nuclear Energy Institute event last month.

In new documents, Westinghouse disclosed a litany of lawsuits, including those stemming from its AP1000 construction projects.

It also listed conflicts that may at some point lead to more lawsuits, including potential breach-of-contract claims against Curtiss-Wright Electro-Mechanical Corp., whose Cheswick plant makes reactor coolant pumps. Defects in coolant pumps delivered to Westinghouse's AP1000 projects in China and in the U.S. delayed progress there.

Westinghouse indicated it is mulling an action against its Japanese parent company, Toshiba Corp., for breach of contract.

And the company disclosed that it received a subpoena from the U.S. Securities and Exchange commission in March, a year after Toshiba confirmed the federal agency is investigating it for potential fraud around an accounting scandal.

Bankruptcy has cast its shadow over parts of the Westinghouse corporate tree that its leaders say are profitable and independent from the construction mess.

A labor dispute with more than 170 boilermakers at Westinghouse's Newington, N.H., factory resulted in a two-week lockout.

In declining to budge from its best and final offer last month, Westinghouse cited "difficult business conditions" for wanting to cut severance pay and other benefits, while locked out workers rallied outside the facility, which makes large reactor components, with signs that read "corporate greed" and "locked out for wanting pension."

Westinghouse did return to the negotiating table and reached an agreement for a new three-year contract with Newington announced late Sunday night.

The severance pay was put back into play, but the pension was stopped as of January, as it has been in many parts of the organization.

Westinghouse's next union contract to expire is with employees at its Blairsville facility, which makes components for nuclear fuel.

Anya Litvak: alitivak@post-gazette.com or 412-263-1455.

Exhibit not moved

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 45
PARTY: FIPUG.
DESCRIPTION: Scroggs/Rule 25-6.423 FAC

EXHIBIT NO. 46

DOCKET NO: 20170009

WITNESS: SCROGGS

PARTY: FPL

BRIEF TITLE OR DESCRIPTION OF THE DOCUMENT

Santee Cooper July 31, 2017 Press Release

PROFFERED BY: SACE

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 46
PARTY: SACE
DESCRIPTION: Scroggs/Santee Cooper
7/31/17 press release



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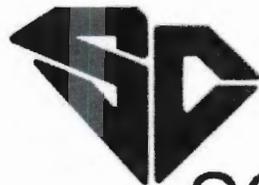
Freedom of Information Act

Newaroom

Santee Cooper suspends construction of V.C. Summer Units 2 and 3

Difficult decision is best for customers, state

07/31/2017



santee cooper[®]

MONCKS CORNER, S.C. – The Santee Cooper Board of Directors approved today the suspension of construction of Units 2 and 3 at V.C. Summer Nuclear Station in Jenkinsville, SC. The decision is anticipated to save Santee Cooper customers nearly \$7 billion in additional costs to complete the project, including projected interest during construction.

The decision to suspend construction is based in large part on a comprehensive analysis of detailed schedule and cost data, from both project contractor Westinghouse Electric Co. and subcontractor Fluor Corp., first revealed after Westinghouse, filed for bankruptcy in March.

Santee Cooper has spent approximately \$4.7 billion in construction and interest to date for its 45 percent share of the new nuclear power project. The analysis shows the project would not be finished until 2024, four years after the most recent completion date provided by Westinghouse, and would end up costing Santee Cooper customers a total of \$11.4 billion.

Santee Cooper and majority partner South Carolina Electric & Gas Co. gave Westinghouse full notice to proceed in April 2012. The contract provided that Westinghouse would provide substantially complete units in 2016 (Unit 2) and 2019 (Unit 3). Santee Cooper's Board approved a \$5.1 billion budget, representing its 45 percent share of the joint project and additional transmission needed for the Santee Cooper electric system. In October 2015, the Board approved an amended Westinghouse contract that included an option to fix our share of the costs at \$6.2 billion, and the Board approved fixing the price at \$6.2 billion in June

2016.

The most recent analysis, anticipating the rejection of the contract by Westinghouse in bankruptcy proceedings, shows the final cost for Santee Cooper to complete the project would be \$8.0 billion for construction and approximately \$3.4 billion for interest. The schedule delays increased the projected interest costs 143 percent over the original plan.

"Generation diversity remains an important strategy for Santee Cooper, but the costs of these units are simply too much for our customers to bear," said Leighton Lord, Chairman of the Santee Cooper Board of Directors. "Even considering these project challenges, Santee Cooper is proud of our role in this initial effort to restart a 30-years-dormant industry. Nuclear power needs to remain part of the U.S. energy mix."

"After Westinghouse's bankruptcy and anticipated rejection of the fixed-price contract, the best case scenario shows this project would be several years late and 75 percent more than originally planned," said Lonnie Carter, Santee Cooper president and CEO. "We simply cannot ask our customers to pay for a project that has become uneconomical. And even though suspending construction is the best option for them, we are disappointed that our contractor has failed to meet its obligations and put Santee Cooper and our customers in this situation."

Westinghouse's parent, Toshiba Corp., has contractually agreed to pay Santee Cooper \$976 million in settlement beginning later this year and continuing through 2022. Santee Cooper will use these funds to avoid new debt and stabilize rates, to directly benefit customers. "Santee Cooper will continue to pursue Westinghouse assets and other revenues and assets, through bankruptcy court and other legal channels, to further offset costs," Carter said.

Today's Board action provides for a wind-down and suspension of construction on the two units and directs management to preserve and protect the site and related components and equipment. "During the wind-down, Santee Cooper will also continue investigating federal support and additional partners to see if we can make the project economical again," Carter said.

Congress is considering amendments to nuclear production tax credits that would provide some revenue toward the project, but resources such as additional federal support or partnerships with other utilities will also be needed.

Santee Cooper began exploring new nuclear power more than a decade ago. Santee Cooper has a one-third ownership of V.C. Summer Unit 1, with SCE&G again the majority partner. That unit came online in 1983 and today provides the lowest cost electricity of all Santee Cooper's base load generating stations.

Santee Cooper and SCE&G filed an application to build Units 2 and 3 in 2008. At that point:

- Santee Cooper's system was experiencing rapid growth and all forecasts indicated the state would continue to grow quickly
- Natural gas prices were three times higher than today and forecasted to stay high
- Congress was considering several bills that would limit greenhouse gases emitted by coal and natural gas units
- Then-presidential candidate Barack Obama was campaigning against new coal-fired generation
- In 2007, Santee Cooper's Board approved a goal to meet 40 percent of customer energy needs by 2020 with non-greenhouse gas emitting resources, renewables, conservation and energy efficiency
- Nuclear power is the only base load resource that is virtually emissions free

Today, the business climate has changed considerably. Santee Cooper's load forecast has slowed, due to lingering impacts from the Great Recession and energy efficiency successes tied to programs Santee Cooper launched in 2009. Natural gas prices plummeted after fracking began, and the current political landscape has reduced the urgency for emissions-

free base load generation.

“In choosing Westinghouse, Santee Cooper and SCE&G chose a company with a worldwide reputation as the clear leader in nuclear design and engineering. Unfortunately, Westinghouse failed to live up to its reputation and perform,” Carter said.

Santee Cooper is South Carolina's largest power provider, the largest Green Power generator and the ultimate source of electricity for 2 million people across the state. Through its low-cost, reliable and environmentally responsible electricity and water services, and through innovative partnerships and initiatives that attract and retain industry and jobs, Santee Cooper powers South Carolina. To learn more, visit www.santeecooper.com

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EXHIBIT NO. 47.

DOCKET NO: 20170009

WITNESS: SCROGGS

PARTY: FPL

BRIEF TITLE OR DESCRIPTION OF THE DOCUMENT

Santee Cooper August 11, 2017 Press Release

PROFFERED BY: SACE

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 47
PARTY: SACE
DESCRIPTION: Scroggs/Santee Cooper
8/11/17 press release



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Santee Cooper Board Cancels Rate Adjustment Process

08/11/2017



MONCKS CORNER, S.C. – The Santee Cooper Board of Directors today authorized management to withdraw two proposed rate increases that if approved, would have taken effect in 2018 and 2019. The action follows the Board’s suspension last week of the construction of two nuclear power units at V.C. Summer Nuclear Station.

Today’s Board vote cancels all steps in the rate process, including rate comment meetings scheduled for next week in the utility’s retail customer service territory and an October Board public hearing on the rate proposal, as well as a scheduled December Board vote on the increases. Santee Cooper is planning informational meetings in our retail territory in the upcoming weeks, to discuss the factors leading up to our suspension of the Summer plant expansion. Details about these meetings will be announced soon.

“Conditions have changed materially since the rate process began in March,” said W. Leighton Lord III, Chairman of the Santee Cooper Board of Directors. “Our recent Board votes to suspend the nuclear project and also to accept a negotiated settlement with Toshiba, Westinghouse’s parent company, allow us to now cancel this rate process. The Board will continue to make decisions based on what is necessary to protect the financial integrity of Santee Cooper.”

The Board approved a rate study in March, prior to Westinghouse’s bankruptcy. Based on that study, Santee Cooper management in June proposed rate increases of an average 3.7 percent each across all customer classes that would take effect in April 2018 and April 2019. Those rate increases were needed to meet additional expenses related to the nuclear

project, declining load, other system improvements and environmental compliance. Those proposed rates have been in a period of public review since June.

“Toshiba’s settlement will help offset the cost of the nuclear project, but Santee Cooper will still need to cover costs related to our load, other system improvements and environmental compliance,” said Lonnie Carter, Santee Cooper President and CEO. “We will tighten our belts and continue to look for ways we can be more efficient to make up the balance. It is important that we hold the line on costs, and Santee Cooper’s talented and dedicated workforce will rise to the occasion.”

Santee Cooper is the project’s minority owner, with a 45 percent share. South Carolina Electric & Gas owns 55 percent of the project. Toshiba, parent company to Westinghouse, agreed to settle its parental obligations for the project July 27, and Santee Cooper will use its net proceeds from that settlement to directly benefit customers. The settlement will be paid in installments beginning in October 2017 and ending in September 2022.

Suspending construction on the V.C. Summer expansion is projected to save Santee Cooper customers nearly \$7 billion in additional capital and interest costs. Santee Cooper’s analysis of costs and schedule following Westinghouse’s bankruptcy showed the cost to complete both units would be \$11.4 billion including interest. That represents a 75 percent increase over the original plan and a 41 percent increase over a fixed-price contract agreed to by all parties that took effect in November 2016, four months before the bankruptcy filing. The increase makes the project uneconomical.

Next week’s canceled rate comment meetings are:

Aug. 14, 6 p.m., Moncks Corner

Aug. 15, 2 p.m. in North Myrtle Beach, 6 p.m. in Pawleys Island

Aug. 16, 2 p.m. in Conway, 6 p.m. in Myrtle Beach

Santee Cooper is South Carolina’s largest power provider, the largest Green Power generator and the ultimate source of electricity for 2 million people across the state. Through its low-cost, reliable and environmentally responsible electricity and water services, and through innovative partnerships and initiatives that attract and retain industry and jobs, Santee Cooper powers South Carolina. To learn more, visit www.santeecooper.com

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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 48
PARTY: SACE
DESCRIPTION: Scroggs/SE FL Regional
Climate Compact Sea Level Rise Excerpt

EXHIBIT NO. 49

DOCKET NO: 20170009

WITNESS: SCROGGS

PARTY: FPL

BRIEF TITLE OR DESCRIPTION OF THE DOCUMENT

Order No. PSC-08-0237-Excerpt

PROFFERED BY: SACE

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 49
PARTY: SACE
DESCRIPTION: Scroggs/PSC-08-0237
(Excerpt)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition to determine need for Turkey
Point Nuclear Units 6 and 7 electrical power
plant, by Florida Power & Light Company.

DOCKET NO. 070650-EI
ORDER NO. PSC-08-0237-FOF-EI
ISSUED: April 11, 2008

The following Commissioners participated in the disposition of this matter:

MATTHEW M. CARTER II, Chairman
LISA POLAK EDGAR
KATRINA J. McMURRIAN
NANCY ARGENZIANO
NATHAN A. SKOP

APPEARANCES:

R. WADE LITCHFIELD, MITCHELL S. ROSS, JOHN T. BUTLER, BRYAN S. ANDERSON, ANTONIO FERNANDEZ, JESSICA A. CANO, ESQUIRES, 700 Universe Boulevard, Juno Beach, Florida 33408-0420; STEPHEN HUNTOON, ESQUIRE, 801 Pennsylvania Avenue, Suite 220, Washington, D.C. 20004; and KENNETH A. HOFFMAN, ESQUIRE, Rutledge, Ecenia, Purnell & Hoffman, P.A., 215 South Monroe Street, Suite 420, P.O. Box 551, Tallahassee, Florida 32302-0551

On behalf of Florida Power & Light Company (FPL).

BOB and JAN M. KRASOWSKI, 1086 Michigan Avenue, Naples, Florida 34103-3857

Appearing pro se (Krasowski).

FREDERICK M. BRYANT and DANIEL B. O'HAGAN, ESQUIRES, 2061-2 Delta Way (32303), P.O. Box 3209, Tallahassee, Florida 32315-3209

On behalf of Florida Municipal Electric Association and Florida Municipal Power Agency (FMEA and FMPEA).

BRUCE PAGE, ESQUIRE, 117 West Duval Street, Suite 480, Jacksonville, Florida 32202 and SUZANNE S. BROWNLESS, ESQUIRE, 1975 Buford Blvd., Tallahassee, Florida 32308

On behalf of JEA.

ROY C. YOUNG, ESQUIRE, Young van Assenderp, P.A., 225 South Adams Street, Suite 200, Tallahassee, Florida 32301 and ZOILA PUIG EASTERLING, ESQUIRE, Orlando Utilities Commission, 500 South Orange Avenue, Orlando, Florida 32802

On behalf of Orlando Utilities Commission (OUC).

DOCUMENT NUMBER DATE

02812 APR 11 8

FPSC-COMMISSION CLERK

VICKI GORDON KAUFMAN, ESQUIRE, Anchors Smith Grimsley, 118 North Gadsden Street, Tallahassee, Florida 32301 and WILLIAM T. MILLER, ESQUIRE, Miller, Balis & O'Neil, P.C., Suite 700, 1140 19th Street N.W., Washington, D.C. 20036
On behalf of Seminole Electric Cooperative, Inc. (Seminole).

CHARLIE BECK, ESQUIRE, Deputy Public Counsel, c/o The Florida Legislature, 111 W. Madison Street, Room 812, Tallahassee, Florida 32399-1400
On behalf of the Citizens of the State of Florida (OPC).

KATHERINE E. FLEMING, JENNIFER S. BRUBAKER, and CAROLINE KLANCKE, ESQUIRES, Florida Public Service Commission, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850
On behalf of the Florida Public Service Commission (Staff).

FINAL ORDER GRANTING PETITION FOR DETERMINATION OF NEED
FOR PROPOSED NUCLEAR POWER PLANTS

BY THE COMMISSION:

BACKGROUND

On October 16, 2007, Florida Power & Light Company (FPL) filed a petition for a determination of need for Turkey Point Nuclear Units 6 and 7 (Turkey Point 6 and 7), pursuant to Section 403.519, Florida Statutes (F.S.), and Rule 25-22.080, Florida Administrative Code (F.A.C.). FPL's proposal consists of two nuclear-fueled generating units with in-service dates of 2018 and 2020. FPL is considering two different design alternatives for the nuclear units: the Westinghouse AP1000 (Westinghouse) and the General Electric Economic Simplified Boiling Water Reactor (GE). The Westinghouse design has a nominal output of approximately 1,100 mega-watts (MW) per unit, while the GE design has a nominal output of 1,520 MW per unit. Depending on the technology selected, the proposed unit additions will contribute between 2,200 and 3,040 MW of new generation to FPL's system.

Intervention was granted to the following parties: (1) Office of Public Counsel (OPC),¹ (2) Florida Municipal Electric Association (FMEA),² (3) Florida Municipal Power Agency (FMPA),³ (4) JEA,⁴ (5) Orlando Utilities Commission (OUC),⁵ (6) Seminole Electric Cooperative, Inc. (Seminole),⁶ and (7) Bob and Jan Krasowski (Krasowski).⁷

¹ Order No. PSC-07-0965-PCO-EI, issued December 4, 2007.

² Order No. PSC-08-0059-PCO-EI, issued January 28, 2008.

³ Order No. PSC-08-0060-PCO-EI, issued January 28, 2008.

⁴ Order No. PSC-08-0062-PCO-EI, issued January 28, 2008.

⁵ Order No. PSC-08-0058-PCO-EI, issued January 28, 2008.

⁶ Order No. PSC-08-0057-PCO-EI, issued January 28, 2008.

⁷ Order No. PSC-07-1019-PCO-EI, issued December 28, 2007.

renew the operating license for another 20 years. Therefore, the fuel and environmental benefits of Turkey Point 6 and 7 could continue beyond the analysis presented in this proceeding.

FPL shall provide a long-term feasibility analysis as part of its annual cost recovery process which, in this case, shall also include updated fuel forecasts, environmental forecasts, break-even costs, and capital cost estimates. In addition, FPL should account for sunk costs. Providing this information on an annual basis will allow us to monitor the feasibility regarding the continued construction of Turkey Point 6 and 7.

Compliance with Section 403.519(4)(a)5, F.S., and Rule 25-22.081, F.A.C.

We find that FPL has complied with the requirements of Section 403.519(4)(a)5, F.S., and Rule 25-22.081, F.A.C.

Section 403.519(4)(a)5, F.S., provides that an applicant's petition shall include:

[i]nformation on whether there were any discussions with any electric utilities regarding ownership of a portion of the nuclear or integrated gasification combined cycle power plant by such electric utilities.

Furthermore, Rule 25-22.081(2)(d), F.A.C., specifies that an applicant's petition shall contain, "[a] summary of any discussions with other electric utilities regarding ownership of a portion of the plant by such electric utilities."

We approved a stipulation, as previously discussed, on this issue between FPL, FMEA, FMPPA, JEA, OUC, and Seminole. As a result of the stipulation, FMEA, FMPPA, JEA, OUC, and Seminole were excused from the remainder of the hearing. OPC and the Krasowskis were not parties to the stipulation; thus, this issue remained viable as to those parties.

In its petition, FPL states that the company has held preliminary discussions regarding potential ownership with several Florida utilities who have expressed interest in the plant. FPL argues that its petition, as well as witness Scroggs' testimony, address the ownership discussions that have taken place; thus, on its face, the requirements of 403.519, F.S., and Rule 25-22.081, F.A.C., have been met.

OPC did not file a brief with respect to this issue. The Krasowskis assert that the petition does not contain a summary of discussions regarding ownership. In addition, the Krasowskis contend that others and ratepayers from other Florida utilities may have wanted to participate in this docket but were not given adequate information about discussions concerning joint ownership.

We find that FPL met the requirements of Section 403.519(4)(a)5, F.S., and Rule 25-22.081, F.A.C. Witness Scroggs testified that FPL has discussed the potential for ownership participation with utilities who have expressed an interest. FPL has held discussions with FMPPA and OUC and received an expression of interest from Seminole subsequent to this filing. No evidence was presented to the contrary. Based on the stipulation of this issue between FPL and

EXHIBIT NO. 50

DOCKET NO.: 20170009-EI

WITNESS: Steven D. Scroggs

PARTY: Florida Power & Light Company

DESCRIPTION: FPL's Responses to Staff's First Set of Interrogatories

DOCUMENT(S): 3 pages

PROFFERED BY: Staff

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20170009-EI EXHIBIT: 50
PARTY: Staff
DESCRIPTION: Grant-Keene/FPL's response
to staff's First IRROGS.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Nuclear Cost)
Recovery Clause)

Docket No. 170009-EI
Filed: May 31, 2017

**NOTICE OF SERVICE OF FLORIDA POWER & LIGHT COMPANY'S
OBJECTIONS AND RESPONSES TO STAFF OF THE
FLORIDA PUBLIC SERVICE COMMISSION'S
FIRST SET OF INTERROGATORIES (NOS. 1-6) AND
SECOND REQUEST FOR PRODUCTION OF DOCUMENTS (NOS. 3-4)**

Florida Power & Light Company gives notice of service of its Objections and Responses to Staff of the Florida Public Service Commission's First Set of Interrogatories (Nos. 1-6) and Second Request for Production of Documents (Nos. 3-4), to Kyesha Mapp.

Respectfully submitted this 31st day of May, 2017.

Jessica A. Cano
Senior Attorney
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, Florida 33408-0420
(561) 304-5226
(561) 691-7135 (fax)

By: s/ Jessica A. Cano
Jessica A. Cano
Florida Bar No. 0037372

QUESTION:

Please refer to Section 366.93(5), Florida Statutes, and FPL's May 1, 2017 petition at page 6 where FPL mentions annual filings. Does FPL believe it would be reasonable to provide an annual TP67 Project status report for informational purposes in the NCRC docket during the period that recovery is not requested?

- a. If not, please explain why.
- b. Include in your response consideration of the month FPL would likely file a TP67 Project status report.
- c. Include in your response consideration of the scope and type of information that FPL believes would be informative to the Commission, including but not limited to, actual changes to FPL's jurisdictional deferred balance, Schedule T-6, Schedule TOR-2, Schedule TOR-7, and factors influencing FPL's review of the project.

RESPONSE:

FPL believes it would be reasonable to provide FPSC Staff an annual status report for informational purposes.

- a. n/a
- b. See response to subpart (c) below.
- c. The information included in Schedule TOR-2 is the type of information required by Section 366.93(5). Rule 25-6.0423(9)(f) requires that this same information be filed with the annual report filed pursuant to Rule 25-6.135, due by April 30th each year. Year over year increases would reflect the actual, total annual amount incurred for the project. FPL could also provide Staff with a brief narrative at the same time, to provide an update on the status of the project and factors influencing FPL's review.

Because the details of the annual project spend (reflected in Schedule T-6) would be subject to review in a future cost recovery proceeding, FPL does not intend to file those details during the period that recovery is not requested. Additionally, FPL will not be able to update the TOR-7, which is intended to reflect a project milestone schedule, until after the project "pause"; accordingly, it has no plans to create and file such a schedule.

Exhibit not moved