

March 8, 2019

Mr. Bart Fletcher
Public Utility Supervisor
Surveillance Section
Division of Accounting and Finance
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0820

Dear Mr. Fletcher:

Pursuant to Commission Rule 25-6.1352, please find enclosed Duke Energy Florida's Forecasted Earnings Surveillance Report for the calendar year 2019.

Should you have any questions, please do not hesitate to contact me at (727) 820-5653.

Sincerely,

Marcia Olivier

Director Rates & Regulatory Planning

Maria Olive

Attachment

xc: Mr. J. R. Kelly, Office of the Public Counsel

FLORIDA PUBLIC SERVICE COMMISSION ELECTRIC FORECASTED EARNINGS SURVEILLANCE REPORT

SCHEDULE 1

Company: Duke Energy Florida

Year 2019

		(1) Actual Per Books		(2) (3) FPSC FPSC Adjustments Adjusted
I. AVERAGE RATE OF RETURN (Jurisdictional)				
NET OPERATING INCOME	\$	885,556,384	(a)	\$ (25,256,613) (b) \$ 860,299,770
AVERAGE RATE BASE	\$	14,434,245,548		\$ (1,300,397,212) \$ 13,133,848,336
AVERAGE RATE OF RETURN		6.14%	_	6.55%
(a) INCLUDES AFUDC EARNINGS (b) INCLUDES REVERSAL OF AFUDC EARNI	NGS			
III. REQUIRED RATES OF RETURN AVERAGE CAPITAL STRUCTURE (FPSC ADJUSTED BASIS)				
LOW		5.85%		
MIDPOINT		6.26%		
HIGH		6.67%		
IV. FINANCIAL INTEGRITY INDICATORS				
A. TIE WITH AFUDC		3.73	•	(SYSTEM PER BOOKS BASIS)
B. TIE WITHOUT AFUDC		3.70		(SYSTEM PER BOOKS BASIS)
C. AFUDC TO NET INCOME		1.04%	•	(SYSTEM PER BOOKS BASIS)
D. INTERNALLY GENERATED FUNDS		95.66%	•	(SYSTEM PER BOOKS BASIS)
E. LTD TO TOTAL INVESTOR FUNDS		47.24%	•	(FPSC ADJUSTED BASIS)
F. STD TO TOTAL INVESTOR FUNDS		2.88%	•	(FPSC ADJUSTED BASIS)
G. RETURN ON COMMON EQUITY		11.20%		(FPSC ADJUSTED BASIS)

DUKE ENERGY FLORIDA Average Rate of Return - Rate Base December 2019

	Plant in Service	Accum Depr & Amort	Net Plant in Service	Future Use & Appd Unrecov Plant	Const Work in Progress	Net Utility Plant	Working Capital	Total Average Rate Base
System Per Books Regulatory Base - Retail	\$18,943,889,585 \$17,148,625,228	\$5,616,995,366 \$5,216,785,532	\$13,326,894,219 \$11,931,839,696	\$132,062,007 \$115,943,416	\$628,103,441 \$542,574,168	\$14,087,059,667 \$12,590,357,280	\$1,912,089,499 \$1,843,888,268	\$15,999,149,166 \$14,434,245,548
FPSC Adjustments								
ARO	(22,578,040)	(16,029,948)	(6,548,092)			(6,548,092)	(19,811,756)	(26,359,848)
ECCR	(26,538,479)	(20,643,488)	(5,894,991)			(5,894,991)	(20,504,527)	(, , , ,
ECRC	(261,846,044)	(25,940,857)	(235,905,186)		(5,772,283)	(241,677,469)	(5,021,218)	,
FUEL	(4,576,014)	(4,413,059)	(162,955)		(=, , ==,	(162,955)	(128,618,722)	,
CCR	(, , , ,	(, , , ,	, , ,			, ,	(96,346,403)	, ,
NUCLEAR							(21,627,491)	(21,627,491)
Over\Under Recovery-Clauses							(126,634,093)	(126,634,093)
Investments Earning a Return							(174,482,302)	(174,482,302)
Jobbing Accounts							(45,912)	(45,912)
Non-Regulated and Miscellaneous	(45,532,721)	(35,303,653)	(10,229,068)	(87,379,077)		(97,608,145)	43,856,328	(53,751,817)
CWIP - AFUDC					(75,175,218)	(75,175,218)		(75,175,218)
Capital Lease	(111,864,626)		(111,864,626)			(111,864,626)	98,997,964	(12,866,662)
Storm							(311,227,584)	(311,227,584)
Total FPSC Adjustments	(472,935,923)	(102,331,005)	(370,604,918)	(87,379,077)	(80,947,500)	(538,931,496)	(761,465,716)	(1,300,397,212)
FPSC Adjusted	\$16,675,689,304	\$5,114,454,527	\$11,561,234,777	\$28,564,339	\$461,626,668	\$12,051,425,784	\$1,082,422,552	\$13,133,848,336

	Operating Revenues	Fuel & Net Interchange	O&M Other	Depr & Amort	Taxes Other than Income	Income Taxes Current	Deferred Income Tax (Net)	Total Operating Expenses	Net Operating Income
System Per Books Regulatory Base - Retail	5,058,643,241 4,784,713,156	2,001,223,153 1,915,817,686	923,334,771 882,465,555	616,196,928 570,373,598	412,412,901 396,193,521	4,483,794 5,606,305	148,878,054 135,375,275	4,106,529,602 3,905,831,940	952,113,640 878,881,216
FPSC Adjustments									
ECCR	(104,748,367)		(97,443,966)	(4,999,505)		(584,176)		(103,027,647)	(1,720,721)
ECRC	(55,472,664)		(33,715,692)	(1,855,989)	(1,361,385)	(4,698,861)		(41,631,927)	(13,840,736)
FUEL	(1,550,497,982)	(1,541,314,204)	(1,118,016)		, , , ,	(2,044,267)		(1,544,476,487)	(6,021,495)
CCR	(383,449,483)	(374,503,482)	(276,084)			(2,197,391)		(376,976,956)	(6,472,527)
NUCLEAR	(44,671,901)		(32,164)	(43,159,168)		(375,250)		(43,566,582)	(1,105,319)
CORPORATE AIRCRAFT ALLOCATION			(2,198,722)			557,266		(1,641,456)	1,641,456
FRANCHISE FEE & GROSS RECEIPTS	(232,219,471)					(58,856,025)		(58,856,025)	(173,363,446)
FRANCHISE FEES & GROSS REC TAX - TOI					(232,219,471)	58,856,025		(173,363,446)	173,363,446
INST./PROMOTIONAL ADVERTISING			(3,335,675)			845,427		(2,490,248)	2,490,248
MISCELLANEOUS INTEREST EXPENSE			102,234			(25,911)		76,322	(76,322)
REMOVE ASSOC/ORGANIZATION DUES			(92,054)			23,331		(68,723)	68,723
REMOVE ECONOMIC DEVELOPMENT			(56,775)			14,390		(42,386)	42,386
PARENT DEBT ADJUSTMENT						(10,343,299)		(10,343,299)	10,343,299
DIRECTORS & OFFICERS PREMIUM			(1,138,016)			288,430		(849,586)	849,586
INTEREST SYNCHRONIZATION - FPSC						4,780,023		4,780,023	(4,780,023)
Total FPSC Adjustments	(2,371,059,868)	(1,915,817,686)	(139,304,929)	(50,014,663)	(233,580,856)	(13,760,289)		(2,352,478,422)	(18,581,446)
FPSC Adjusted	2,413,653,288		743,160,626	520,358,935	162,612,665	(8,153,984)	135,375,275	1,553,353,518	860,299,770

⁽a) The addition of earnings from AFUDC charges would increase the System NOI by

7,727,415

6,675,168

⁽b) The addition of earnings from AFUDC charges would increase the Jurisdictional NOI by

DUKE ENERGY FLORIDA Average Rate of Return - Adjustment December 2019

Notes	Rate Base Adjustments	P=ProForma F=FPSC	System	Retail
	ARO	F	(26,359,848)	(26,359,848)
	ECCR	F	(26,173,980)	(26,173,980)
	ECRC	F	(252,544,259)	(252,544,259)
	FUEL	F	(128,794,159)	(128,794,159)
	CCR	F	(96,346,403)	(96,346,403)
	NUCLEAR	F	(21,627,491)	(21,627,491)
	Over\Under Recovery-Clauses	F	(126,634,093)	(126,634,093)
	Investments Earning a Return	F	(178,416,011)	(174,482,302)
	Jobbing Accounts	F	(48,085)	(45,912)
	Non-Regulated and Miscellaneous	F	(60,445,063)	(53,751,817)
(1)	CWIP - AFUDC	F	(97,228,292)	(75,175,218)
(2)	Capital Lease - EPIS	F	(119,999,384)	(111,864,626)
(2)	Capital Lease - Working Capital	F	106,197,063	98,997,964
	Storm	F	(311,227,584)	(311,227,584)
	TOTAL		(1,339,647,590)	(1,306,029,729)

Notes	Income Statement Adjustments (to NOI)	P=ProForma	Syste	em	Retail		
Notes	income Statement Adjustments (to NOI)	F=FPSC	Amount	Income Tax Effect	Amount	Income Tax Effect	
	ECCR	F	(2,304,897)	584,176	(2,304,897)	584,176	
	ECRC	F	(15,779,711)	3,999,368	(15,779,711)	3,999,368	
	FUEL	F	(8,425,327)	2,135,399	(8,425,327)	2,135,399	
	CCR	F	(8,669,917)	2,197,391	(8,669,917)	2,197,391	
	NUCLEAR	F	(1,480,569)	375,250	(1,480,569)	375,250	
(2)	CORPORATE AIRCRAFT ALLOCATION	F	2,358,612	(597,790)	2,198,722	(557,266)	
(1)	FRANCHISE FEE & GROSS RECEIPTS	F	(232,219,471)	58,856,025	(232,219,471)	58,856,025	
(1)	FRANCHISE FEES & GROSS REC TAX - TOI	F	232,219,471	(58,856,025)	232,219,471	(58,856,025)	
(1)	INST./PROMOTIONAL ADVERTISING	F	3,578,244	(906,906)	3,335,675	(845,427)	
(1)	MISCELLANEOUS INTEREST EXPENSE	F	(109,668)	27,795	(102,234)	25,911	
(1)	REMOVE ASSOC/ORGANIZATION DUES	F	98,748	(25,028)	92,054	(23,331)	
(3)	REMOVE ECONOMIC DEVELOPMENT	F	60,904	(15,436)	56,775	(14,390)	
(2)	PARENT DEBT ADJUSTMENT	F		11,411,533		10,343,299	
(2)	DIRECTORS & OFFICERS PREMIUM	F	1,220,772	(309,405)	1,138,016	(288,430)	
(1)	INTEREST SYNCHRONIZATION - FPSC	F		(4,789,190)		(4,780,023)	
	TOTAL		(29,452,808)	14,087,157	(29,941,412)	13,151,927	

Notes: (1) Docket No. 910890-EI, Order No. PSC 92-0208-FOF-EI

⁽²⁾ Docket No. 090079-El, Order No. PSC 10-0131-FOF-El

⁽³⁾ Rule 25-6.0426 Recovery of Econ Dev Expenses

Schedule 3

DUKE ENERGY FLORIDA Average - Capital Structure FPSC Adjusted Basis December 2019

	System Per	Retail Per	Pro Rata	Specific	Adjusted	Сар	Low-	Point	Mid-	Mid-Point		High-Point	
	Books	Books	Adjustments	Adjustments	Retail	Ratio	Cost Rate	Weighted Cost	Cost Rate	Weighted Cost	Cost Rate	Weighted Cost	
Common Equity	6,417,722,689	5,782,056,130	(402,060,670)	(15,305,278)	5,364,690,182	40.85%	9.50%	3.88%	10.50%	4.29%	11.50%	4.70%	
Long Term Debt	6,060,592,297	5,460,299,010	(379,686,988)		5,080,612,022	38.68%	4.77%	1.84%	4.77%	1.84%	4.77%	1.84%	
Short Term Debt	369,470,890	332,875,309	(23,146,795)		309,728,514	2.36%	3.20%	0.08%	3.20%	0.08%	3.20%	0.08%	
Customer Deposits													
Active	197,899,557	197,899,557	(13,761,130)		184,138,427	1.40%	2.37%	0.03%	2.37%	0.03%	2.37%	0.03%	
Inactive	1,901,168	1,901,168	(132,199)		1,768,968	0.01%							
Investment Tax Credits *	47,011,638	42,355,200	(2,945,208)		39,409,992	0.30%	7.20%	0.02%	7.71%	0.02%	8.22%	0.02%	
Deferred Income Taxes	2,904,550,928	2,616,859,174	(181,965,745)	(281,393,197)	2,153,500,232	16.40%							
Total	15,999,149,166	14,434,245,548	(1,003,698,737)	(296,698,475)	13,133,848,336	100.00%		5.85%		6.26%		6.67%	

^{*} Cost Rates Calculated Per IRS Ruling

FLORIDA PUBLIC SERVICE COMMISSION ELECTRIC FORECASTED EARNINGS SURVEILLANCE REPORT FINANCIAL INTEGRITY INDICATORS

Company: Duke Energy Florida

Year 2019

A. TIMES INTEREST EARNED WITH	AFUDC	D. PERCENT INTERNALLY GENERATED FUNDS		
EARNINGS BEFORE INTEREST	\$ 983,742,139	NET INCOME	\$	678,431,666
AFUDC - DEBT	2,718,520	COMMON DIVIDENDS		· · ·
INCOME TAXES	162,399,557	AFUDC (EQUITY)		(5,008,895)
TOTAL	\$ 1,148,860,217	DEPRECIATION & AMORTIZATION		616,196,923
		DEFERRED INCOME TAXES		148,878,054
(BEFORE DEDUCTING AFUDC DEE	BT) \$ 308,028,994	INVESTMENT TAX CREDITS		-
TIE WITH AFUDC	3.73	DEFERRED FUEL NET		187,597,290
		OTHER FUNDS - INCLUDING CHANGE IN WORKING CAPITAL		104,771,321
B. TIMES INTEREST EARNED WITHOUT	OUT AFUDC	TOTAL FUNDS PROVIDED	\$	1,730,866,361
EARNINGS BEFORE INTEREST	\$ 983,742,139	CONSTRUCTION EXPENDITURES		
AFUDC - EQUITY	(5,008,895)	(EXCLUDING AFUDC EQUITY & DEBT)	\$	1,809,377,186
INCOME TAXES	162,399,557			
TOTAL	\$ 1,141,132,802	PERCENTAGE INTERNALLY GENERATED FUNDS		95.66%
(BEFORE DEDUCTING AFUDC DEE	·	E. LONG TERM DEBT AS A PERCENT OF TOTAL INVESTOR CA	APITAI	=
TIE WITHOUT AFUDC	3.70	F. SHORT TERM DEBT AS A PERCENT OF TOTAL INVESTOR (CAPITA	AL
C. PERCENT AFUDC TO NET INCOM	IE AVAILABLE			<u> </u>
FOR COMMON STOCKHOLDERS		RECONCILED AVERAGE RETAIL AMOUNTS		
		COMMON EQUITY	\$	5,364,690,182
AFUDC DEBT	\$ 2,718,520	LONG TERM DEBT		5,080,612,022
X (1- INCOME TAX RATE)	0.74655	SHORT TERM DEBT		309,728,514
SUBTOTAL	\$ 2,029,511	TOTAL	\$	10,755,030,717
AFUDC -EQUITY	\$ 5,008,895			
TOTAL	\$ 7,038,406	% LONG TERM DEBT TO TOTAL		47.24%
NET INCOME AVAILABLE FOR				
COMMON STOCKHOLDERS	\$ 678,431,666	% SHORT TERM DEBT TO TOTAL		2.88%
PERCENT AFUDC TO AVAILABLE				
NET INCOME	1.04%	G. FPSC ADJUSTED AVERAGE JURISDICTIONAL RETURN ON COMMON EQUITY		
		FPSC AVERAGE		
		EARNED RATE OF RETURN		6.55%
		LESS RETAIL WEIGHTED AVERAGE COST RATES FOR:		
		LONG TERM DEBT		1.84%
		SHORT TERM DEBT		0.08%
		CUSTOMER DEPOSITS		0.03%
		DEFERRED INCOME TAXES		
		INVESTMENT TAX CREDITS		0.02%
		DEFERRED INCOME TAX (FAS 109) SUBTOTAL		1.98%
		TOTAL		4.57%
		DIVIDED BY COMMON EQUITY RATIO		40.85%
		JURISDICTIONAL RETURN ON COMMON EQUITY		11.20%

Company: Duke Energy Florida

Year 2019

FORECAST ASSUMPTIONS

_	Forecast Y	ear =	Prior Year A	Actual		
	Customers	mWh Sales	Customers	mWh Sales		
Residential	1,624,690	20,393,213	1,597,132	20,610,689		
Commercial	178,557	12,106,376	175,848	12,283,008		
Industrial	2,045	3,331,950	2,080	3,067,519		
Other	26,729	3,233,717	26,492	3,213,458		
Total	1,832,021	39,065,256	1,801,551	39,174,674		

OTHER MAJOR FORECAST ASSUMPTIONS

Revenues

Retail revenues are based on the 2019 budget. Revenues include the Multi-Year rate increase and the Hamilton Solar base rate adjustment approved in Order No. PSC 2018-0367-TRF-EI, as well as the revenues for the Citrus CCs approved on order PSC-2018-0367-TRF-EI.

Operation and Maintenance Expenses

Total base recoverable O&M expenses are budgeted at \$792 million, which include \$154.7 million of storm charges as an offset to the 2017 Tax Cuts & Jobs Act savings pursuant to the 2017 Settlement Agreement. FUEL/CCR, ECCR, and ECRC expenses are budgeted at \$2,001 million, \$97 million, and \$34 million, respectively.

Depreciation Expense

Depreciation expense is based on rates effective 1/1/2010 per Order PSC-10-0131-FOF-EI. Pursuant to the 2017 Settlement Agreement, depreciation and amortization expense includes \$50 million of Crystal River 4&5 accelerated depreciation as an offset to the 2017 Tax Cuts & Jobs Act savings.

Fossil Dismantlement

Retail fossil dismantlement expense is based on rates effective 1/1/2010 per Order PSC-10-0131-FOF-EI. Wholesale fossil dismantlement expense is based on settlement rates effective 01/01/1995.

Crystal River 3 (CR3)

Consistent with the 2017 Settlement Agreement, a specific adjustment was made to remove CR3 from the deferred income tax liability in capital structure. The CR3 Regulatory Asset was securitized in June 2016.

Financing Activity

The 2019 budget has a \$700 million debt issuance in November. There is no dividend contribution in 2019.

2017 Tax Cuts & Jobs Act

As a result of the 2017 Tax Cuts & Jobs Act, there is no bonus tax depreciation in the 2019 budget. The combined Federal & State income tax rate of 25.345% is used. The 2019 Budget includes \$52,741,465 of excess deferred income tax amortization pursuant to DEF's supplemental filing on December 27, 2018 in Docket No. 20180047.

1			_					
	am the person responsible for preparation of this document and I am aware that Section 837.06, Florida Statutes, provides							
	Whoever knowingly makes a false statement in writing with the inter	nt to mislead a public servant in the performance of his official duty, shall be guilty of						
	a misdemeanor of the second degree, punishable as provided in sec.	a misdemeanor of the second degree, punishable as provided in sec. 775.082 or sec. 775.083.						
I	5332		(81)					
I	Marcia Olivier	I pustosku king for Mucha du	ren					
I	Name	Signature	1					
I		2/0//00/0						
I	Director Rates & Regulatory Planning - FL	0/0/2019						
I	Title	Date	1					

FLORIDA PUBLIC SERVICE COMMISSION ELECTRIC FORECASTED EARNINGS SURVEILLANCE REPORT Construction Projects Exceeding \$10,000,000 in Accordance with Rule 25-6.0141(8)

Company: Duke Energy Florida

Year 2019

		25-6.0141(8)(a)	2!	25-6.0141(8)(b) 25-6.0141(8)(c) 2		25-6.0141(8)(d)
	Project Name	Project Description	Estimated Total cost of the Project (excl. AFUDC)		Estimated Construction commencement Date	Estimated In-Service Date
1.	2019 Solar Power Plant #2	Construct new solar PV facility to generate 74.9 Mwac	\$	100,200,000	Jan 2019	Dec 2019
2.	2019 Solar Power Plant #3	Construct new solar PV facility to generate 45.0 Mwac	\$	60,600,000	Jan 2019	Dec 2019
3.	2020 Solar Power Plant #4	Construct new solar PV facility to generate 74.5 Mwac	\$	87,800,000	Jan 2019	Mar 2020
4.	AMI Initiative	AMI Initiative in the DEF jurisdiction	\$	310,000,000	Jan 2019	Jun 2021
5.	American Cement-Bushnell East	American Cement-Bushnell East New 230kV Subs and Line	\$	42,920,000	Dec 2019	Oct 2020
6.	Hancock Road	Hancock Road - New 230/69kV Substation and New 69kV Line	\$	40,110,000	Dec 2019	Nov 2021
7.	Idylwild - Wacahoota Tap	Idylwild - Wacahoota Tap (SI) - Rebuild 69 kV line	\$	35,144,000	July 2019	Feb 2021
8.	Rio Pinar to Econ to Winter Park East	Rio Pinar to Econ to Winter Park East - 230 kV Line Rebuild	\$	39,697,000	Aug 2018	May 2021
9.	Fort Meade to West Lake Wales	Fort Meade to West Lake Wales Line Rebuild	\$	52,229,000	Aug 2018	May 2020
10.	Port St Joe	Port St Joe-230kV Line Rebuild	\$	73,227,330	Nov 2018	Mar 2019