



MATTHEW R. BERNIER  
SENIOR COUNSEL

November 21, 2016

**VIA ELECTRONIC FILING**

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

Re: Docket No. 160001-EI

Dear Ms. Stauffer:

Enclosed for electronic filing in the subject docket on behalf of Duke Energy Florida, LLC, are the Schedules A1 through A9 and A12 for the reporting month of October 2016.

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

Sincerely,

*/s/ Matthew R. Bernier*

Matthew R. Bernier  
Senior Counsel

MRB/db  
Enclosures

cc: Parties of record

CERTIFICATE OF SERVICE

Docket No. 160001-EI

I HEREBY CERTIFY that a true copy of Duke Energy Florida, LLC's Schedules A1-A9 and A12 for the month of October 2016 have been furnished to the following individuals via e-mail on this 21st day of November, 2016.

/s/ Matthew S. Bernier

Attorney

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DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER

OCTOBER 2016

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	102,445,585	94,881,378	7,564,207	8.0	2,895,496	2,895,346	151	0.0	3.5381	3.2770	0.2611	8.0
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(23,337)	(10,408)	(12,929)	124.2	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	102,422,248	94,870,970	7,551,278	8.0	2,895,496	2,895,346	151	0.0	3.5373	3.2767	0.2606	8.0
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	14,971,607	10,541,293	4,430,314	42.0	361,676	279,828	81,848	29.3	4.1395	3.7671	0.3724	9.9
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	1,448	0	1,448	0.0	50	0	50	0.0	2.8950	0.0000	2.8950	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	375,744	551,085	(175,341)	(31.8)	6,500	11,778	(5,278)	(44.8)	5.7807	4.6790	1.1017	23.6
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	11,464,947	10,334,133	1,130,814	10.9	249,034	249,090	(56)	(0.0)	4.6038	4.1488	0.4550	11.0
12 TOTAL COST OF PURCHASED POWER	26,813,746	21,426,511	5,387,235	25.1	617,260	540,696	76,564	14.2	4.3440	3.9628	0.3812	9.6
13 TOTAL AVAILABLE MWH					3,512,757	3,436,042	76,715	2.2				
14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(225,075)	(80,010)	(145,065)	181.3	(7,760)	(2,810)	(4,950)	176.2	2.9005	2.8473	0.0532	1.9
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(83,551)	(18,412)	(65,139)	353.8	(7,760)	(2,810)	(4,950)	176.2	1.0767	0.6552	0.4215	64.3
15b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
16 FUEL COST OF SEMINOLE BACK-UP SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF STRATIFIED SALES	(2,676,865)	(1,722,214)	(954,651)	55.4	(143,346)	(76,876)	(66,470)	86.5	1.8674	2.2402	(0.3728)	(16.6)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(2,985,492)	(1,820,636)	(1,164,856)	64.0	(151,106)	(79,686)	(71,420)	89.6	1.9758	2.2848	(0.3090)	(13.5)
19 NET INADVERTENT AND WHEELED INTERCHANGE					21,882	0	21,882					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	126,250,502	114,476,845	11,773,657	10.3	3,383,533	3,356,356	27,177	0.8	3.7313	3.4107	0.3206	9.4
21 NET UNBILLED	(11,010,237)	(11,854,441)	844,204	(7.1)	295,076	347,561	(52,485)	(15.1)	(0.3191)	(0.3366)	0.0175	(5.2)
22 COMPANY USE	556,656	409,290	147,366	36.0	(14,918)	(12,000)	(2,918)	24.3	0.0161	0.0116	0.0045	38.8
23 T & D LOSSES	7,957,418	5,793,395	2,164,023	37.4	(213,260)	(169,857)	(43,403)	25.6	0.2306	0.1645	0.0661	40.2
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	126,250,502	114,476,845	11,773,657	10.3	3,450,430	3,522,060	(71,630)	(2.0)	3.6590	3.2503	0.4087	12.6
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(1,313,005)	(538,041)	(774,964)	144.0	(35,800)	(16,419)	(19,381)	118.0	3.6676	3.2769	0.3907	11.9
26 JURISDICTIONAL KWH SALES	124,937,497	113,938,804	10,998,693	9.7	3,414,630	3,505,641	(91,011)	(2.6)	3.6589	3.2502	0.4087	12.6
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	124,987,472	113,998,052	10,989,420	9.6	3,414,630	3,505,641	(91,011)	(2.6)	3.6604	3.2518	0.4086	12.6
28 PRIOR PERIOD TRUE-UP	(10,764,480)	(10,764,480)	(0)	0.0	3,414,630	3,505,641	(91,011)	(2.6)	(0.3152)	(0.3071)	(0.0081)	2.6
28a MARKET PRICE TRUE-UP	0	0	0	0.0	3,414,630	3,505,641	(91,011)	(2.6)	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	3,414,630	3,505,641	(91,011)	(2.6)	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	114,222,992	103,233,572	10,989,420	10.7	3,414,630	3,505,641	(91,011)	(2.6)	3.3452	2.9447	0.4005	13.6
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.3476	2.9468	0.4008	13.6
32 GPIF	(717,816)	(717,816)			3,414,630	3,505,641			(0.0210)	(0.0205)	(0.0005)	2.4
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.327	2.926	0.400	13.7

\*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION  
YEAR TO DATE - OCTOBER 2016

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	1,015,620,860	986,629,605	28,991,255	2.9	28,873,062	29,201,274	(328,213)	(1.1)	3.5175	3.3787	0.1388	4.1
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR SALE	(347,958)	0	(347,958)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(80,707)	(10,164,781)	10,084,073	(99.2)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	1,015,192,196	976,464,824	38,727,371	4.0	28,873,062	29,201,274	(328,213)	(1.1)	3.5161	3.3439	0.1722	5.2
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	203,513,164	128,202,390	75,310,774	58.7	5,401,702	3,463,135	1,938,568	56.0	3.7676	3.7019	0.0657	1.8
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	14,713	0	14,713	0.0	613	0	613	0.0	2.4002	0.0000	2.4002	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	4,298,690	3,410,149	888,541	26.1	89,102	68,284	20,818	30.5	4.8245	4.9941	(0.1696)	(3.4)
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	105,287,409	118,980,602	(13,693,193)	(11.5)	2,532,680	2,802,104	(269,424)	(9.6)	4.1572	4.2461	(0.0889)	(2.1)
12 TOTAL COST OF PURCHASED POWER	313,113,976	250,593,141	62,520,836	25.0	8,024,097	6,333,523	1,690,575	26.7	3.9022	3.9566	(0.0544)	(1.4)
13 TOTAL AVAILABLE MWH					36,897,159	35,534,797	1,362,362	3.8				
14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(2,334,087)	(3,785,482)	1,451,395	(38.3)	(71,993)	(137,815)	65,822	(47.8)	3.2421	2.7468	0.4953	18.0
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(808,366)	(864,253)	55,887	(6.5)	(71,993)	(137,815)	65,822	(47.8)	1.1228	0.6271	0.4957	79.1
15b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
16 FUEL COST OF SEMINOLE BACK-UP SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF STRATIFIED SALES	(30,033,320)	(18,660,016)	(11,373,303)	61.0	(1,205,998)	(769,152)	(436,846)	56.8	2.4903	2.4261	0.0642	2.7
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(33,175,773)	(23,309,751)	(9,866,021)	42.3	(1,277,991)	(906,967)	(371,024)	40.9	2.5959	2.5701	0.0258	1.0
19 NET INADVERTENT AND WHEELED INTERCHANGE					180,670	0	180,670					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	1,295,130,399	1,203,748,214	91,382,186	7.6	35,799,838	34,627,830	1,172,008	3.4	3.6177	3.4762	0.1415	4.1
21 NET UNBILLED	7,315,856	10,379,272	(3,063,416)	(29.5)	(202,224)	(284,265)	82,041	(28.9)	0.0219	0.0320	(0.0101)	(31.6)
22 COMPANY USE	4,865,020	4,183,993	681,027	16.3	(134,478)	(120,000)	(14,478)	12.1	0.0146	0.0129	0.0017	13.2
23 T & D LOSSES	75,802,010	61,304,032	14,497,978	23.7	(2,095,310)	(1,762,187)	(333,123)	18.9	0.2272	0.1889	0.0383	20.3
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,295,130,399	1,203,748,214	91,382,186	7.6	33,367,826	32,461,377	906,448	2.8	3.8814	3.7082	0.1732	4.7
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(15,669,896)	(7,086,446)	(8,583,450)	121.1	(407,539)	(189,467)	(218,072)	115.1	3.8450	3.7402	0.1048	2.8
26 JURISDICTIONAL KWH SALES	1,279,460,503	1,196,661,768	82,798,735	6.9	32,960,287	32,271,910	688,377	2.1	3.8818	3.7081	0.1737	4.7
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	1,279,996,459	1,197,284,032	82,712,427	6.9	32,960,287	32,271,910	688,377	2.1	3.8835	3.7100	0.1735	4.7
28 PRIOR PERIOD TRUE-UP	(95,034,120)	(95,034,117)	(4)	0.0	32,960,287	32,271,910	688,377	2.1	(0.2883)	(0.2945)	0.0062	(2.1)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	32,960,287	32,271,910	688,377	2.1	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	32,960,287	32,271,910	688,377	2.1	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	1,184,962,339	1,102,249,915	82,712,424	7.5	32,960,287	32,271,910	688,377	2.1	3.5952	3.4155	0.1797	5.3
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.5978	3.4180	0.1798	5.3
32 GPIF	(7,178,164)	(7,178,160)			32,960,287	32,271,910			(0.0218)	(0.0222)	0.0004	101.8
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.576	3.396	0.180	5.3

\*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA  
CALCULATION OF TRUE-UP AND INTEREST PROVISION  
OCTOBER 2016

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
A . FUEL COSTS AND NET POWER TRANSACTIONS								
1 . FUEL COST OF SYSTEM NET GENERATION	\$102,445,585	94,881,378	\$7,564,207	8.0	\$1,015,620,860	\$986,629,605	\$28,991,255	2.9
1a. NUCLEAR FUEL DISPOSAL COST	-	0	0	0.0	0	0	0	0.0
1b. NUCLEAR DECOMMISSIONING AND DECONTAMINATION	-	0	0	0.0	0	0	0	0.0
1c. COAL CAR SALE	-	0	0	0.0	(347,958)	0	(347,958)	0.0
2 . FUEL COST OF POWER SOLD	(225,075)	(80,010)	(145,065)	181.3	(2,334,087)	(3,785,482)	1,451,395	(38.3)
2a. GAIN ON POWER SALES	(83,551)	(18,412)	(65,139)	353.8	(808,366)	(864,253)	55,887	(6.5)
3 . FUEL COST OF PURCHASED POWER	14,971,607	10,541,293	4,430,314	42.0	203,513,164	128,202,390	75,310,774	58.7
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	11,464,947	10,334,133	1,130,814	10.9	105,287,409	118,980,602	(13,693,193)	(11.5)
3b. DEMAND & NON FUEL COST OF PURCH POWER	0	0	0	0.0	0	0	0	0.0
4 . ENERGY COST OF ECONOMY PURCHASES	377,192	551,085	(173,893)	(31.6)	4,313,404	3,410,149	903,255	26.5
5 . TOTAL FUEL & NET POWER TRANSACTIONS	128,950,704	116,209,467	12,741,238	11.0	1,325,244,426	1,232,573,011	92,671,416	7.5
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(2,676,865)	(1,722,214)	(954,651)	55.4	(30,033,320)	(18,660,016)	(11,373,303)	61.0
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	(23,337)	(10,408)	(12,929)	124.2	(80,707)	(10,164,781)	10,084,073	(99.2)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$126,250,502	\$114,476,845	\$11,773,657	10.3	\$1,295,130,399	\$1,203,748,214	\$91,382,186	7.6

FOOTNOTE: DETAIL OF LINE 6b ABOVE

INSPECTION & FUEL ANALYSIS REPORTS (Wholesale Portion)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N/A - Not used	0	0	0	0	0	0	0
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion)	1,040	0	1,040	12,200	0	12,200	
N/A - Not used	0	0	0	0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0	(6,218)	0	(6,218)	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	0	0	0	
RRSSA Refund	0	0	0	0	(10,060,702)	10,060,702	
Interest Amortized for Fuel Refund	(24,377)	(10,408)	(13,969)	(213,621)	(104,078)	(109,543)	
Gain/Loss on Disposition of Oil	0	0	0	0	0	0	
N/A - Not used	0	0	0	0	0	0	
NET METER SETTLEMENT	0	0	0	117,983	0	117,983	
Bartow Outage Replacement Power	0	0	0	0	0	0	
Derivative Collateral Interest	0	0	0	8,949	0	8,949	
N/A - Not used	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	(\$23,337)	(\$10,408)	(\$12,929)	(\$80,707)	(\$10,164,781)	\$10,084,073	

B. KWH SALES								
1 . JURISDICTIONAL SALES	3,414,629,888	3,505,641,000	(91,011,112)	(2.6)	32,960,287,346	32,271,910,316	688,377,030	2.1
2 . NON JURISDICTIONAL (WHOLESALE) SALES	35,799,705	16,419,000	19,380,705	118.0	407,538,795	189,467,000	218,071,795	115.1
3 . TOTAL SALES	3,450,429,593	3,522,060,000	(71,630,407)	(2.0)	33,367,826,141	32,461,377,316	906,448,825	2.8
4 . JURISDICTIONAL SALES % OF TOTAL SALES	98.96	99.53	(0.57)	(0.6)	98.78	99.42	(0.64)	(0.6)

DUKE ENERGY FLORIDA  
CALCULATION OF TRUE-UP AND INTEREST PROVISION  
OCTOBER 2016

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
<b>C. TRUE UP CALCULATION</b>								
1. JURISDICTIONAL FUEL REVENUE	\$101,851,670	\$104,372,002	(\$2,520,332)	(2.4)	\$1,033,000,613	\$1,079,166,219	(\$46,165,606)	(4.3)
2. ADJUSTMENTS:	5,000,000	5,000,000	0	0.0	50,000,000	50,000,000	0	0.0
2a. REFUND OF \$30 MILLION PER RRSSA	833,333	833,333	(0)	0.0	8,333,333	8,333,333	(0)	0.0
2b. INCREASE IN RETAIL FUEL RATE PER RRSSA	0	0	0	0.0	0	0	0	0.0
2c. TRUE UP PROVISION	10,764,480	10,764,480	0	0.0	95,034,120	95,034,117	4	0.0
2d. INCENTIVE PROVISION	717,816	717,816	0	0.0	7,178,164	7,178,160	4	0.0
2e. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	119,167,300	121,687,631	(2,520,331)	(2.1)	1,193,546,231	1,239,711,829	(46,165,598)	(3.7)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	126,250,502	114,476,845	11,773,657	10.3	1,295,130,399	1,203,748,214	91,382,186	7.6
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	98.96	99.53	(0.57)	(0.6)	98.78	99.42	(0.64)	(0.6)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.0004 LOSS MULTIPLIER)	124,987,472	113,998,052	10,989,420	9.6	1,279,996,459	1,197,284,032	82,712,427	6.9
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(5,820,172)	7,689,579	(13,509,751)	(175.7)	(86,450,228)	42,427,797	(128,878,026)	(303.8)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(22,575)	55,787	(78,362)	(140.5)	168,801	375,043	(206,242)	(55.0)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(48,145,240)	29,518,869	(77,664,110)	(263.1)	116,563,080	78,731,032	37,832,048	48.1
10. TRUE UP COLLECTED (REFUNDED)	(10,764,480)	(10,764,480)	(0)	0.0	(95,034,120)	(95,034,117)	(4)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(64,752,468)	26,499,755	(91,252,223)	(344.4)	(64,752,468)	26,499,755	(91,252,223)	(344.4)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$64,752,468)	26,499,755	(91,252,223)	(344.4)	(\$64,752,468)	26,499,755	(91,252,223)	(344.4)
<b>D. INTEREST PROVISION</b>								
1. BEGINNING TRUE UP (LINE C9)	(\$48,145,240)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(64,729,893)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(112,875,133)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(56,437,567)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.480	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.480	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.960	N/A						
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.480	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.040	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$22,575)	N/A	--	--				

# A-3 Generating System Comparative Data Report

FINAL

## Duke Energy Florida, LLC

Report Period: 10/1/2016 to 10/1/2016

Run Date: 11/4/2016 2:18:34PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0%
2 - LIGHT OIL	762,012	335,793	426,219	126.9%
3 - COAL	28,128,184	24,816,969	3,311,215	13.3%
4 - GAS	73,555,389	69,728,616	3,826,773	5.5%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
<b>8 - TOTAL (\$)</b>	<b>102,445,585</b>	<b>94,881,378</b>	<b>7,564,207</b>	<b>8.0%</b>
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	3,830	93	3,737	4,018.4%
11 - COAL	749,729	737,226	12,503	1.7%
12 - GAS	2,140,525	2,156,412	(15,887)	(0.7%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	1,412.00	1,615	(203.00)	(12.6)%
15	0	0	0	0.0%
<b>16 - TOTAL (MWH)</b>	<b>2,895,496</b>	<b>2,895,346</b>	<b>150</b>	<b>0.0%</b>
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	7,498	2,320	5,178	223.2%
19 - COAL (TON)	346,946	343,076	3,870	1.1%
20 - GAS (MCF)	16,958,835	16,747,604	211,231	1.3%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	43,179	13,520	29,659	219.4%
26 - COAL	7,779,002	7,795,395	(16,393)	(0.2%)
27 - GAS	17,336,353	16,747,604	588,749	3.5%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
<b>31 - TOTAL (MILLION BTU)</b>	<b>25,158,534</b>	<b>24,556,519</b>	<b>602,015</b>	<b>2.5%</b>

# A-3 Generating System Comparative Data Report

FINAL

## Duke Energy Florida, LLC

Report Period: 10/1/2016 to 10/1/2016

Run Date: 11/4/2016 2:18:34PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.1	0.00	0.1	4018.2%
34 - COAL	25.9	25.46	0.4	1.7%
35 - GAS	73.9	74.48	(0.6)	(0.7%)
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.05	0.06	(0.01)	(12.57)%
38	0.0	0.00	0.0	0.0%
<hr/>				
39 - TOTAL (% MWH)	100.0	99.9	0.0	0.0%
<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	101.63	144.74	(43.11)	(29.8%)
42 - COAL (\$/TON)	81.07	72.34	8.74	12.1%
43 - GAS (\$/MCF)	4.34	4.16	0.17	4.2%
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	17.65	24.84	(7.19)	(28.9%)
49 - COAL	3.62	3.18	0.43	13.6%
50 - GAS	4.24	4.16	0.08	1.9%
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
<hr/>				
54 - SYSTEM (\$/MBTU)	4.07	3.86	0.21	5.4%
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	11,273	145,376	(134,103)	(92.2%)
57 - COAL	10,376	10,574	(198)	(1.9%)
58 - GAS	8,099	7,766	333	4.3%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<hr/>				
62 - SYSTEM (BTU/KWH)	8,689	8,481	207	2.4%



# A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 10/1/2016 to 10/1/2016

Run Date: 11/4/2016 2:18:34PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b><u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u></b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	19.90	361.07	(341.17)	(94.5%)
65 - COAL	3.75	3.37	0.39	11.5%
66 - GAS	3.44	3.23	0.20	6.3%
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM (CENTS/KWH)</u>	<u>3.54</u>	<u>3.28</u>	<u>0.26</u>	<u>8.0%</u>

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report Period: 10/1/2016 to 10/1/2016

Run Date: 11/3/2016 8:24:21AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
<b>Nuclear</b>													
<b>Crystal River 3</b>													
TOTAL UNIT 3			0.00			0				0	0	0.000	
<b>TOTAL Nuclear:</b>	0	0.00				0				0	0	0.000	
<b>Solar</b>													
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	507.00	18			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	905.00	24			0				0	0	0.000	
<b>TOTAL Solar:</b>	9	1,412.00				0				0	0	0.000	
<b>Steam</b>													
<b>Anclote</b>													
TOTAL UNIT 1		172,501.00					Gas	1,839,168	1.023	1,881,469	8,251,859	4.784	4.487
	521	172,501.00	45			10,907				1,881,469	8,251,859	4.784	
TOTAL UNIT 2		168,711.00					Gas	1,770,700	1.023	1,811,426	7,944,662	4.709	4.487
	520	168,711.00	44			10,737				1,811,426	7,944,662	4.709	
<b>Bartow</b>													
TOTAL UNIT 1			0.00			0				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
<b>Crystal River 1 &amp; 2</b>													
		85,918.00					Coal	44,546	23.028	1,025,805	4,218,786	4.910	94.706
TOTAL UNIT 1		0.00					No 2	451	5.729	2,584	46,207	0.000	102.455
	330	85,918.00	35			11,969				1,028,389	4,264,994	4.964	
TOTAL UNIT 2			0.00			0				0	0	0.000	

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report Period: 10/1/2016 to 10/1/2016

Run Date: 11/3/2016 8:24:21AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
<b>Steam</b>													
<b>Crystal River 4 &amp; 5</b>													
		402,655.00					Coal	181,898	22.332	4,062,146	14,381,851	3.572	79.065
		0.00					No 2	1,062	5.727	6,082	108,816	0.000	102.463
TOTAL UNIT 4	712	402,655.00	76			10,104				4,068,228	14,490,667	3.599	
		263,041.00					Coal	120,502	22.332	2,691,051	9,527,547	3.622	79.065
		0.00					No 2	1,914	5.727	10,961	196,115	0.000	102.463
TOTAL UNIT 5	710	263,041.00	50			10,272				2,702,011	9,723,662	3.697	
<b>Suwannee Plant</b>													
TOTAL UNIT 1			0.00			0				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	
		30,730.00					Gas	352,964	1.023	361,082	1,583,941	5.154	4.488
TOTAL UNIT 3	71	30,730.00	58			11,750				361,082	1,583,941	5.154	
<b>TOTAL Steam:</b>	2,864	1,123,556.00				10,549				11,852,605	46,259,785	4.117	

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report Period: 10/1/2016 to 10/1/2016

Run Date: 11/3/2016 8:24:21AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
<b>Gas Turbine</b>													
<b>Avon Park Peaker</b>													
		6.00					No 2	89	5.816	518	8,440	140.672	94.835
		0.00					Gas	0	0.000	0	(117)	0.000	0.000
TOTAL APP						86,276				518	8,323	140.672	
<b>Bartow Combined Cycle</b>													
		438,059.00					Gas	3,723,011	1.022	3,804,917	15,906,587	3.631	4.273
TOTAL BCC	1,105	438,059.00	53			8,686				3,804,917	15,906,587	3.631	
<b>Bartow Peaker</b>													
		146.56					No 2	415	5.712	2,370	44,468	30.341	107.151
		1,595.44					Gas	25,225	1.023	25,805	113,255	7.099	4.490
TOTAL BAP	175	1,742.00	1			16,174				28,176	157,722	9.054	
<b>Bayboro Peaker</b>													
		260.40					No 2	357	5.712	2,039	51,801	19.893	145.102
TOTAL BYP	174	260.40	0			7,831				2,039	51,801	19.893	
<b>Debary Peaker</b>													
		5,944.00					Gas	81,212	1.024	83,161	363,477	6.115	4.476
TOTAL DEP	247	5,944.00	3			13,991				83,161	363,477	6.115	
<b>Higgins Peaker</b>													
		484.60					Gas	8,434	1.023	8,628	37,524	7.743	4.449
TOTAL HGP	114	484.60	1			17,804				8,628	37,524	7.743	
<b>Hines Energy</b>													
		1,141,274.00					Gas	7,684,493	1.022	7,853,552	33,160,363	2.906	4.315
TOTAL HEP	1,912	1,141,274.00	80			6,881				7,853,552	33,160,363	2.906	
<b>Intercession City Peaker</b>													
		1,406.61					No 2	3,138	5.802	18,207	299,542	21.295	95.456
		6,662.19					Gas	84,376	1.022	86,232	363,776	5.460	4.311
TOTAL ICP	984	8,068.80	1			12,944				104,439	663,318	8.221	
<b>Suwannee Peaker</b>													
		28.66					No 2	72	5.817	419	6,622	23.108	91.968
		2,353.04					Gas	33,618	1.023	34,391	150,428	6.393	4.475
TOTAL SRP	155	2,381.70	2			14,616				34,810	157,050	6.594	
<b>Tiger Bay Cogen</b>													
		149,958.00					Gas	1,124,702	1.022	1,149,445	4,802,098	3.202	4.270
TOTAL TBP	205	149,958.00	98			7,665				1,149,445	4,802,098	3.202	

# A-4 System Net Generation and Fuel Cost Report

**FINAL**

## Duke Energy Florida, LLC

Report Period: 10/1/2016 to 10/1/2016

Run Date: 11/3/2016 8:24:21AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
<b>Gas Turbine</b>													
<b>Univ of Florida Cogen</b>		0.00					No 2	0	0.000	0	0	0.000	0.000
		22,349.80					Gas	230,932	1.023	236,243	877,536	3.926	3.800
TOTAL UFP													
	46	22,349.80		65		10,570				236,243	877,536	3.926	
<b>TOTAL Gas Turbine:</b>													
	5,142	1,770,528.30				7,515				13,305,928	56,185,800	3.173	
<b>SYSTEM TOTAL:</b>													
	8,015	2,895,496.30				8,689				25,158,534	102,445,585	3.538	

# A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 10/1/2016 to 10/1/2016  
Run Date: 11/3/2016 9:09:26AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
2 - UNITS (BBL)	0	0	0	0.0%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	-
4 - AMOUNT (\$)	0	0	0	0.0%
<b>5 - BURNED</b>				
6 - UNITS (BBL)	0	0	0	0.0%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
8 - AMOUNT (\$)	0	0	0	0.0%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0			
11 - AMOUNT (\$)	0			
<b>12 - ENDING INVENTORY</b>				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	(2,206)	0	(2,206)	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	176	2,320	(2,144)	(92.4%)
20 - UNIT COST (\$/BBL)	815.27	144.74	670.54	463.3%
21 - AMOUNT (\$)	143,488	335,793	(192,305)	(57.3%)
<b>22 - BURNED</b>				
23 - UNITS (BBL)	7,498	2,320	5,178	223.2%
24 - UNIT COST (\$/BBL)	101.63	144.74	(43.11)	(29.8%)
25 - AMOUNT (\$)	762,012	335,793	426,219	126.9%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	926,019	955,960	(29,941)	(3.1%)
31 - UNIT COST (\$/BBL)	109.42	144.74	(35.32)	(24.4%)
32 - AMOUNT (\$)	101,325,190	138,365,650	(37,040,460)	(26.8%)
33 -				
34 - DAYS SUPPLY	3,829	12,362	(8,533)	(69.0%)

NOTE: Purchase dollars and units do not include plant to plant transfers. See schedule A-5, Attachment #1 for detail of adjustments

# A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 10/1/2016 to 10/1/2016

Run Date: 11/3/2016 9:09:26AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	460,662	343,076	117,586	34.3%
37 - UNIT COST (\$/TON)	81.13	72.34	8.79	12.2%
38 - AMOUNT (\$)	37,371,504	24,816,969	12,554,535	50.6%
<b>39 - BURNED</b>				
40 - UNITS (TON)	346,946	343,076	3,870	1.1%
41 - UNIT COST (\$/TON)	81.07	72.34	8.74	12.1%
42 - AMOUNT (\$)	28,128,184	24,816,969	3,311,215	13.3%
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	869,782	965,095	(95,313)	(9.9%)
48 - UNIT COST (\$/TON)	83.19	72.34	10.85	15.0%
49 - AMOUNT (\$)	72,355,952	69,811,787	2,544,165	3.6%
50 -				
51 - DAYS SUPPLY	78	84	(7)	(7.9%)
<b>OTHER</b>				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				

NOTE: Purchase dollars and units do not include plant to plant transfers. See schedule A-5, Attachment #1 for detail of adjustments

# A-5 System Generation Fuel Cost Report

**FINAL**

**Duke Energy Florida, LLC**

Report Period: 10/1/2016 to 10/1/2016

Run Date: 11/3/2016 9:09:26AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>GAS</b>				
<b>66 - BURNED</b>				
67 - UNITS (MCF)	16,958,835	16,747,604	211,231	1.3%
68 - UNIT COST (\$/MCF)	4.34	4.16	0.17	4.2%
69 - AMOUNT (\$)	73,555,389	69,728,616	3,826,773	5.5%
<b>NUCLEAR</b>				
<b>70 - BURNED</b>				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%



**ATTACHMENT #1  
SCHEDULE A-5  
OCTOBER 2016**

<b>HEAVY OIL</b>		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

<b>LIGHT OIL</b>		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	0
0	\$0.00	TOTAL

<b>COAL</b>		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$ -	TOTAL

# A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 10/1/2016

Run Date: 11/4/2016 2:02:17PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0%
2 - LIGHT OIL	17,749,665	3,373,753	14,375,912	426.1%
3 - COAL	284,743,081	278,020,132	6,722,949	2.4%
4 - GAS	713,128,115	705,235,720	7,892,395	1.1%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
<b>8 - TOTAL (\$)</b>	<b>1,015,620,860</b>	<b>986,629,605</b>	<b>28,991,255</b>	<b>2.9%</b>
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	72,903	1,828	71,075	3,888.1%
11 - COAL	7,354,510	7,720,457	(365,947)	(4.7%)
12 - GAS	21,442,259	21,465,199	(22,940)	(0.1%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	3,390.00	13,794	(10,404.00)	(75.4)%
15	0	0	0	0.0%
<b>16 - TOTAL (MWH)</b>	<b>28,873,062</b>	<b>29,201,278</b>	<b>(328,217)</b>	<b>(1.1%)</b>
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	164,337	27,355	136,982	500.8%
19 - COAL (TON)	3,490,198	3,565,516	(75,318)	(2.1%)
20 - GAS (MCF)	173,043,224	164,710,195	8,333,029	5.1%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	947,835	159,204	788,631	495.4%
26 - COAL	78,257,556	81,899,180	(3,641,624)	(4.4%)
27 - GAS	176,999,310	164,710,195	12,289,115	7.5%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
<b>31 - TOTAL (MILLION BTU)</b>	<b>256,204,702</b>	<b>246,768,579</b>	<b>9,436,123</b>	<b>3.8%</b>

# A-3 Generating System Comparative Data Report

## Duke Energy Florida, LLC

Report Period: 1/1/2016 to 10/1/2016

Run Date: 11/4/2016 2:02:17PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.3	0.01	0.2	3933.5%
34 - COAL	25.5	26.44	(1.0)	(3.7%)
35 - GAS	74.3	73.51	0.8	1.0%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.01	0.05	(0.04)	(75.14)%
38	0.0	0.00	0.0	0.0%
<hr/> 39 - TOTAL (% MWH)	<hr/> 100.0	<hr/> 100.0	<hr/> 0.0	<hr/> 0.0%
<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	108.01	123.33	(15.32)	(12.4%)
42 - COAL (\$/TON)	81.58	77.97	3.61	4.6%
43 - GAS (\$/MCF)	4.12	4.28	(0.16)	(3.8%)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	18.73	21.19	(2.46)	(11.6%)
49 - COAL	3.64	3.39	0.24	7.2%
50 - GAS	4.03	4.28	(0.25)	(5.9%)
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
<hr/> 54 - SYSTEM (\$/MBTU)	<hr/> 3.96	<hr/> 4.00	<hr/> (0.03)	<hr/> (0.9%)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	13,001	87,092	(74,091)	(85.1%)
57 - COAL	10,641	10,608	33	0.3%
58 - GAS	8,255	7,673	581	7.6%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<hr/> 62 - SYSTEM (BTU/KWH)	<hr/> 8,873	<hr/> 8,451	<hr/> 423	<hr/> 5.0%

# A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 10/1/2016

Run Date: 11/4/2016 2:02:17PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b><u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u></b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	24.35	184.56	(160.21)	(86.8%)
65 - COAL	3.87	3.60	0.27	7.5%
66 - GAS	3.33	3.29	0.04	1.2%
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM (CENTS/KWH)</u>	<u>3.52</u>	<u>3.38</u>	<u>0.14</u>	<u>4.1%</u>

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report Period: 1/1/2016 to 10/1/2016  
Run Date: 11/4/2016 2:02:20PM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
<b>Nuclear</b>													
<b>Crystal River 3</b>													
TOTAL UNIT 3			0.00			0				0	0	0.000	
<b>TOTAL</b>	0	0.00				0				0	0	0.000	
<b>Solar</b>													
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	2,485.00	9			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	905.00	2			0				0	0	0.000	
<b>TOTAL Solar:</b>	9	3,390.00				0				0	0	0.000	
<b>Steam</b>													
<b>Anclote</b>													
TOTAL UNIT 1		1,651,751.00					Gas	17,231,296	1.023	17,620,962	71,293,470	4.316	4.137
	524	1,651,751.00	43			10,668				17,620,962	71,293,470	4.316	
TOTAL UNIT 2		1,631,825.00					Gas	17,294,160	1.023	17,684,688	71,628,349	4.389	4.142
	524	1,631,825.00	43			10,837				17,684,688	71,628,349	4.389	
<b>Bartow</b>													
TOTAL UNIT 1			0.00			0				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
<b>Crystal River 1 &amp; 2</b>													
TOTAL UNIT 1		570,060.00					Coal	291,481	22.773	6,637,778	26,994,143	4.735	92.610
		0.00					No 2	13,672	5.754	78,662	1,452,016	0.000	106.204
	372	570,060.00	21			11,782				6,716,440	28,446,159	4.990	
		613,475.00					Coal	332,569	22.441	7,463,163	30,594,185	4.987	91.993
TOTAL UNIT 2		0.00					No 2	11,148	5.766	64,281	1,139,106	0.000	102.180
	503	613,475.00	17			12,270				7,527,443	31,733,290	5.173	

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report Period: 1/1/2016 to 10/1/2016  
Run Date: 11/4/2016 2:02:20PM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
<b>Steam</b>													
<b>Crystal River 4 &amp; 5</b>													
		3,109,035.00					Coal	1,444,241	22.378	32,319,753	114,516,674	3.683	79.292
		0.00					No 2	15,153	5.760	87,283	1,703,283	0.000	112.406
TOTAL UNIT 4										32,407,035	116,219,958	3.738	
	721	3,109,035.00	59			10,424							
		3,092,269.00					Coal	1,421,907	22.390	31,836,864	112,638,079	3.643	79.216
		0.00					No 2	18,798	5.746	108,018	2,112,628	0.000	112.386
TOTAL UNIT 5										31,944,882	114,750,707	3.711	
	721	3,092,269.00	59			10,331							
<b>Suwannee Plant</b>													
		34,223.00					Gas	471,154	1.025	482,995	2,002,333	5.851	4.250
TOTAL UNIT 1										482,995	2,002,333	5.851	
	28	34,223.00	17			14,113							
		68,814.00					Gas	1,013,728	1.021	1,035,405	4,133,981	6.007	4.078
TOTAL UNIT 2										1,035,405	4,133,981	6.007	
	29	68,814.00	32			15,046							
		299,022.00					Gas	3,470,332	1.023	3,549,657	14,608,132	4.885	4.209
TOTAL UNIT 3										3,549,657	14,608,132	4.885	
	73	299,022.00	56			11,871							
<b>TOTAL Steam:</b>	2,864	11,070,474.00				10,747				118,969,508	454,816,379	4.108	

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report Period: 1/1/2016 to 10/1/2016  
Run Date: 11/4/2016 2:02:20PM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
<b>Gas Turbine</b>													
<b>Avon Park Peaker</b>													
		172.62					No 2	526	5.816	3,059	49,788	28.843	94.655
		4,936.88					Gas	85,705	1.021	87,500	354,190	7.174	4.133
TOTAL APP										90,559	403,978	7.909	
	56	5,109.50	1										
<b>Bartow Combined Cycle</b>													
		5,678,006.00					Gas	43,889,244	1.023	44,896,177	179,544,306	3.162	4.091
TOTAL BCC										44,896,177	179,544,306	3.162	
	1,127	5,678,006.00	69										
<b>Bartow Peaker</b>													
		798.99					No 2	2,070	5.712	11,824	221,803	27.760	107.151
		34,670.01					Gas	502,321	1.021	513,060	2,055,167	5.928	4.091
TOTAL BAP										524,884	2,276,970	6.420	
	187	35,469.00	3										
<b>Bayboro Peaker</b>													
		2,512.50					No 2	6,430	5.712	36,728	948,299	37.743	147.480
TOTAL BYP										36,728	948,299	37.743	
	187	2,512.50	0										
<b>Debary Peaker</b>													
		20,607.30					No 2	50,080	5.756	288,272	5,619,758	27.271	112.216
		132,421.70					Gas	1,809,781	1.024	1,852,424	7,430,883	5.612	4.106
TOTAL DEP										2,140,696	13,050,641	8.528	
	656	153,029.00	3										
<b>Higgins Peaker</b>													
		23,885.60					Gas	424,129	1.022	433,307	1,767,588	7.400	4.168
TOTAL HGP										433,307	1,767,588	7.400	
	115	23,885.60	3										
<b>Hines Energy</b>													
		10,464,077.70					Gas	73,146,608	1.023	74,815,285	303,579,767	2.901	4.150
TOTAL HEP										74,815,285	303,579,767	2.901	
	2,003	10,464,077.70	71										
<b>Intercession City Peaker</b>													
		15,540.70					No 2	35,751	5.801	207,400	3,506,887	22.566	98.092
		365,943.10					Gas	4,775,316	1.023	4,883,733	19,400,338	5.301	4.063
TOTAL ICP										5,091,133	22,907,225	6.005	
	1,022	381,483.80	5										
<b>Rio Pinar Peaker</b>													
		0.00					No 2	11	5.823	64	1,241	0.000	112.830
TOTAL RPP										64	1,241	0.000	
	15	0.00	0										
<b>Suwannee Peaker</b>													
		4,541.99					No 2	10,415	5.817	60,584	957,821	21.088	91.966
		57,988.71					Gas	757,145	1.022	773,491	2,957,410	5.100	3.906
TOTAL SRP										834,075	3,915,231	6.261	
	166	62,530.70	5										

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report Period: 1/1/2016 to 10/1/2016  
Run Date: 11/4/2016 2:02:20PM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
<b>Gas Turbine</b>													
<b>Tiger Bay Cogen</b>													
TOTAL TBP		704,067.00					Gas	5,332,891	1.025	5,464,568	22,132,277	3.143	4.150
	176	704,067.00	55							5,464,568	22,132,277	3.143	
<b>Turner Peaker</b>													
TOTAL TUP		101.00					No 2	288	5.762	1,659	37,034	36.668	128.591
	78	101.00	0							1,659	37,034	36.668	
<b>Univ of Florida Cogen</b>													
TOTAL UFP		0.00					No 2	0	0.000	0	0	0.000	0.000
		288,926.70					Gas	2,839,414	1.023	2,906,057	10,239,923	3.544	3.606
	47	288,926.70	85							2,906,057	10,239,923	3.544	
<b>TOTAL Gas Turbine:</b>													
	5,834	17,799,198.50				7,710				137,235,193	560,804,482	3.151	
<b>SYSTEM TOTAL:</b>													
	8,707	28,873,062.50				8,873				256,204,702	1,015,620,860	3.518	



# A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 10/1/2016

Run Date: 11/4/2016 2:02:21PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
2 - UNITS (BBL)	0	0	0	0.0%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	-
4 - AMOUNT (\$)	0	0	0	0.0%
<b>5 - BURNED</b>				
6 - UNITS (BBL)	0	0	0	0.0%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
8 - AMOUNT (\$)	0	0	0	0.0%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0			
11 - AMOUNT (\$)	0			
<b>12 - ENDING INVENTORY</b>				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	(2,206)	0	(2,206)	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	134,822	27,355	107,467	392.9%
20 - UNIT COST (\$/BBL)	77.85	123.33	(45.48)	(35.0%)
21 - AMOUNT (\$)	10,496,064	3,373,753	7,122,311	211.1%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	164,337	27,355	136,982	500.8%
24 - UNIT COST (\$/BBL)	108.01	123.33	(15.32)	(12.4%)
25 - AMOUNT (\$)	17,749,665	3,373,753	14,375,912	426.1%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	(427)			
28 - AMOUNT (\$)	(40,885)			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	926,019	955,960	(29,941)	(3.1%)
31 - UNIT COST (\$/BBL)	109.42	144.74	(35.32)	(24.4%)
32 - AMOUNT (\$)	101,325,190	138,365,650	(37,040,460)	(26.8%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

# A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 10/1/2016

Run Date: 11/4/2016 2:02:21PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	3,394,883	3,565,516	(170,633)	(4.8%)
37 - UNIT COST (\$/TON)	81.57	77.97	3.59	4.6%
38 - AMOUNT (\$)	276,904,421	278,020,132	(1,115,711)	(0.4%)
<b>39 - BURNED</b>				
40 - UNITS (TON)	3,490,198	3,565,516	(75,318)	(2.1%)
41 - UNIT COST (\$/TON)	81.58	77.97	3.61	4.6%
42 - AMOUNT (\$)	284,743,081	278,020,132	6,722,949	2.4%
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	869,782	965,095	(95,313)	(9.9%)
48 - UNIT COST (\$/TON)	83.19	72.34	10.85	15.0%
49 - AMOUNT (\$)	72,355,952	69,811,787	2,544,165	3.6%
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
<b>OTHER</b>				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				

# A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 10/1/2016

Run Date: 11/4/2016 2:02:21PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>GAS</b>				
<b>66 - BURNED</b>				
67 - UNITS (MCF)	173,043,224	164,710,195	8,333,029	5.1%
68 - UNIT COST (\$/MCF)	4.12	4.28	(0.16)	(3.8%)
69 - AMOUNT (\$)	713,128,115	705,235,720	7,892,395	1.1%
<b>NUCLEAR</b>				
<b>70 - BURNED</b>				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

Duke Energy Florida, LLC  
Schedule A6  
Power Sold for the Month of  
October 2016

Last refreshed 11/3/2016

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH Wheeled from Other Systems (000)	KWH from Own Generation (000)	Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
<b>ESTIMATED</b>		2,810	0	2,810	2.847	3.503	80,010.00	98,422.00	18,412.00
<b>ACTUAL</b>									
PJM Settlements, Inc	MR1	2,302	0	2,302	2.871	5.756	66,095	132,449	66,354
Reedy Creek Improvement District	CR-1	3,320	0	3,320	2.634	3.305	87,455	109,742	22,287
Tallahassee (City of)	Schedule A	219	0	219	7.826	8.510	17,138	18,637	1,499
Tampa Electric Company	CR-1	1,784	0	1,784	2.807	2.361	50,086	42,127	(7,958)
The Energy Authority	Schedule OS	135	0	135	3.186	4.193	4,301	5,671	1,370
Subtotal - Gain on Other Power Sales		7,760	0	7,760	2.900	3.977	225,075	308,626	83,551
CURRENT MONTH TOTAL		7,760		7,760	2.900	3.977	225,075	308,626	83,551
DIFFERENCE		4,950		4,950	0.053	0.474	145,065	210,204	65,139
DIFFERENCE %		176		176	1.878	13.535	181	214	354
CUMULATIVE ACTUAL		71,993		71,993	3.242	4.365	2,334,087	3,142,453	808,366
CUMULATIVE ESTIMATED		137,815		137,815	2.747	3.374	3,785,481	4,649,734	864,253
DIFFERENCE		(65,822)		(65,822)	0.495	0.991	(1,451,394)	(1,507,281)	(55,887)
DIFFERENCE %		-47.761		-47.761	18.033	29.374	-38.341	-32.417	-6.466

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A7

PURCHASED POWER  
EXCLUSIVE OF ECONOMY PURCHASES  
FOR THE MONTH OF:  
October, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED (000)	KWH FOR UTILITIES (000)	KWH FOR INTERRUPTIBLE (000)	KWH FOR FIRM (000)	FUEL COST C/KWH	TOTAL COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	FUEL COST \$
ESTIMATED		279,828			279,828	3.767	3.767	10,541,293	10,541,293
ACTUAL									
Osprey Energy Center	TOLL	133,239			133,239	3.860	3.860	5,147,295	5,147,295
Shady Hills Power Company, L.L.C.	TOLL	32,178			32,178	5.230	5.230	1,680,978	1,680,978
Southern Company Services, Inc.	Scherer	-			-	-	-	-	-
Southern Power Company	Franklin	105,814			105,814	3.580	3.580	3,379,477	3,379,477
Vandolah Power Company L.L.C.	TOLL	83,103			83,103	5.620	5.620	4,670,003	4,670,003
Calpine Energy Services, L.P.	TOLL	-			-	-	-	-	-
ADJUSTMENTS									
Calpine Energy Services, L.P.	TOLL	-			-	-	-	29,580	29,580
Osprey Energy Center	TOLL	5,989			5,989	0.120	0.120	7,325	7,325
Shady Hills Power Company, L.L.C.	TOLL	691			691	3.330	3.330	27,725	27,725
Southern Company Services, Inc.	Scherer	-			-	-	-	-	-
Southern Power Company	Franklin	-			-	-	-	4,038	4,038
Vandolah Power Company L.L.C.	TOLL	662			662	3.440	3.440	25,185	25,185
CURRENT MONTH TOTAL		361,676			361,676	4.140	4.140	14,971,607	14,971,607
DIFFERENCE		81,848			81,848.00	0.373	0.373	4,430,314	4,430,314
DIFFERENCE %		29.25			29.25	9.889	9.889	42.03	42.03
CUMULATIVE ACTUAL		5,401,702			5,401,702	3.768	3.768	203,513,164	203,513,164
CUMULATIVE ESTIMATED		3,463,136			3,463,136	3.702	3.702	128,202,390	128,202,390
DIFFERENCE		1,938,566			1,938,566	0.07	0.07	75,310,774	75,310,774
DIFFERENCE %		56			56	1.890	1.890	58.74	58.74

ENERGY PAYMENT TO QUALIFYING FACILITIES  
FOR THE MONTH OF:  
OCTOBER, 2016

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL PURCHASED KWH (000)	(4) KWH FOR OTHER UTILITIES (000)	(5) KWH FOR INTERRUPTIBLE (000)	(6) KWH FOR FIRM (000)	(7) ENERGY COST C/KWH	(8) TOTAL COST C/KWH	(9) TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		249,090	-	-	249,090	4	13.294	10,334,133
ACTUAL								
Auburndale Power Partners, L.P. (AUBRDLAS) ADJ	CO-GEN	-			-	-	0	-
SI Group Energy, LLC (SIGROUP) ADJ	CO-GEN	-			-	-	0	-
Auburndale Power Partners, L.P. (AUBSET) ADJ	CO-GEN	-			-	-	0	-
Florida Power Development (FLACRUSH) ADJ	CO-GEN	30,388			30,388	8	7.526	2,287,001 170
Citrus World (CITRUS) ADJ	CO-GEN	8 (2)			8 (2)	3	2.918	240 (64)
Lake County (LAKCOUNT) ADJ	CO-GEN	380			380	3	3.132	11,902 98
Lake Cogen Limited (LAKORDER) ADJ	CO-GEN	-			-	-	0	-
Metro-Dade County (METRDADE) ADJ	CO-GEN	-			-	-	0	-
Metro-Dade County (METRDDAS) ADJ	CO-GEN	10,415			10,415	3	3.024	314,950 6,476
Orange Cogen (ORANGEAS) ADJ	CO-GEN	841			841	3	2.696	22,673 (340)
Ornage Cogen (ORANGEEO) ADJ	CO-GEN	30,250			30,250	4	4.056	1,226,940 9,194
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	82,901			82,901	5	5.128	4,251,163 8,658
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	-			-	-	0	-
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	12,250			12,250	3	2.911	356,598 (4,786)
PCS Phosphate (OCSWFCKR) ADJ	CO-GEN	5 3			5 3	3	3.464	158 95
PCS Phosphate (OCWHSPRS) ADJ	CO-GEN	-			-	-	0	-
Perpetual Energy (PRPETUAL) ADJ	CO-GEN	-			-	-	0	-
Pinellas County Resource Recovery ADJ	CO-GEN	26,265			26,265	3	2.928	769,039 (677)
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	40,258			40,258	3	3.286	1,322,878 31,738
Wheelabrator Ridge Energy, Inc. (RIDGEGEN) ADJ	CO-GEN	15,073			15,073	5	5.255	792,086 58,757
Auburndale Power Partners, L.P. (AUBEST) ADJ	CO-GEN	-			-	-	0	-
Florida Power Development (FCRUSHAS) ADJ	CO-GEN	-			-	-	0	-
Orange Cogen (ORANCECO) ADJ	CO-GEN	-			-	-	0	-
Orange Cogen (ORNAGEEO) ADJ	CO-GEN	-			-	-	0	-
Auburndale Power Partners, L.P. (AUBRDLFC) ADJ	CO-GEN	-			-	-	0	-
CURRENT MONTH TOTAL		249,034			249,034	4.604	4.604	11,464,947
DIFFERENCE		(56)			(56)	0.455	(8.690)	1,130,814
DIFFERENCE %		(0)			(0)	10.961	(209.454)	10.94
CUMULATIVE ACTUAL		2,532,680			2,532,680	4.157	4.157	105,287,409
CUMULATIVE ESTIMATED		2,802,104			2,802,104	4.246	4.246	118,980,603
CUMULATIVE DIFFERENCE		(269,424)			(269,424)	(0.089)	(0.089)	(13,693,194)
CUMULATIVE DIFFERENCE %		(10)			(10)	(2.095)	(2.095)	(11.51)

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A9

ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
FOR THE MONTH OF:  
OCTOBER, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASED FROM	TYPE & & SCHEDULE	TOTAL KWH PURCHASED (000)	ENERGY COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	COST IF GENERATED C/KWH	COST IF GENERATED \$	FUEL SAVINGS \$
<b>ESTIMATED</b>		11,778	4.679	551,085.00	6.039	711,211.00	160,126
<b>ACTUAL:</b>							
Florida Power & Light Company	Schedule C	50	2.895	1,447.50	3.463	1,732	284
SubTotal - Energy Purchases (Broker)		50	2.895	1,447.50	3.463	1,732	284
SEPA	Hydro	-	0	-	0	-	-
Duke Electric Transmission	Transmission Purchase	-	0	-	0	-	-
Exelon Generation Company, LLC	InternationalSwapsDe	250	2.340	5,850.00	3.281	8,203	2,353
Florida Power & Light Company	Transmission Purchase	-	0	249.90	0	-	(250)
Florida Power & Light Company		6,050	3.409	206,225.00	4.403	266,382	60,157
Southern Company Services, Inc. Transmission	Transmission Purchase	-	0	31,568.88	0	-	(31,569)
Tampa Electric Company	Transmission Purchase	-	0	127,151.38	0	-	(137,680)
The Energy Authority	EEI	200	2.270	4,540.00	3.097	6,195	1,655
<b>ADJUSTMENTS</b>							
PJM Settlements		-	0	1,054.48	0	-	(1,054)
Southern Company Transmission		-	0	(895.26)	0	-	895
Tampa Electric Company		-	0	0.01	0	-	(0)
SubTotal - Energy Purchases (Non-Broker)		6,500	5.781	375,744	4.320	280,779	(105,494)
CURRENT MONTH TOTAL		6,550	5.759	377,192	4.313	282,511	(105,210)
DIFFERENCE		(5,228)	1.080	(173,893)	-1.726	(428,700)	(265,336)
DIFFERENCE %		(44)	23.074	(31.55)	-28.579	(60.28)	(165.70)
CUMULATIVE ACTUAL		89,715	4.808	4,313,404	6.251	5,608,078	1,284,146
CUMULATIVE ESTIMATED		68,284	4.994	3,410,149	5.842	3,988,960	578,811
DIFFERENCE		21,431	(0.186)	903,254.72	0.409	1,619,118	705,335
DIFFERENCE %		31	(3.728)	26.49	7.006	40.59	121.86

DUKE ENERGY FLORIDA, LLC  
 SCHEDULE A12 - CAPACITY COSTS  
 FOR THE PERIOD JAN - DEC 2016

Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
1 Auburndale Power Partners, L.P. (AUBRDLFC)	QF	17.00	1/1/95 - 12/31/13	0	0	0	0	0	0	0	0	0	0	0	0	0
2 Auburndale Power Partners, L.P. (AUBSET)	QF	114.18	8/1/94 - 12/31/13	0	0	0	0	0	0	0	0	0	0	0	0	0
3 Lake County (LAKCOUNT)	QF	12.75	1/1/95 - 6/30/14	0	0	0	0	0	0	0	0	0	(874,227)	0	0	(874,227)
4 Lake Cogen Limited (LAKORDER)	QF	110.00	7/1/93 - 7/31/13	0	0	0	0	0	0	0	0	0	0	0	0	0
5 Metro-Dade County (METRDADE)	QF	43.00	11/1/91 - 11/30/13	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	3,266,545	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	6,543,951	0	0	48,420,249
7 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	13,409,604	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	5,313,070	0	0	57,555,265
8 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	1,577,570	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,872,430	0	0	16,872,800
9 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	3,755,303	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	4,457,198	0	0	40,164,600
10 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	6,306,018	6,627,741	6,627,741	6,627,741	6,627,741	6,627,741	6,627,741	6,261,481	6,273,652	6,943,340	0	0	65,550,937
11 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 12/31/23	603,090	584,735	575,947	555,284	532,520	498,053	349,980	562,274	564,062	140,112	0	0	4,966,057
12 UPS Purchase (414 total mw) - Southern	Other	414	7/19/88 - 5/31/10	0	0	0	0	0	0	0	0	0	0	0	0	0
13 Southern purchase - Scherer	Other	74	6/1/10 - 5/31/16	2,149,228	1,826,729	1,773,417	1,774,164	1,775,120	276,573	(144,661)	0	0	5,117	0	0	9,435,688
		350	6/1/10 - 5/31/16													
14 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	3,201,566	3,298,621	3,206,417	3,469,625	3,102,253	5,095,516	5,416,928	6,112,437	4,498,362	2,638,254	0	0	40,039,980
15 TECO Power Purchase (70 mw)	Other	70	3/30/93 - 2/28/11	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Other: NEIL insurance proceeds				0	0	0	0	0	0	0	0	0	0	0	0	0
17 Retail Wheeling				(33,737)	(1,790)	(6,527)	(149,519)	(1,545)	0	(510)	(7,979)	(58,345)	(27,013)	0	0	(286,965)
18 Levy Projected Expense				0	0	0	0	0	0	0	0	0	0	0	0	0
19 CR-3 Projected Expense				4,861,279	4,833,013	4,804,746	4,776,479	4,748,212	4,719,946	4,691,679	4,663,412	4,635,145	4,606,878	0	0	47,340,788
<b>SUBTOTAL</b>				<b>39,096,466</b>	<b>32,521,204</b>	<b>32,333,896</b>	<b>32,405,930</b>	<b>32,136,457</b>	<b>32,569,984</b>	<b>32,293,312</b>	<b>32,943,780</b>	<b>31,265,031</b>	<b>31,619,111</b>	<b>0</b>	<b>0</b>	<b>329,185,172</b>
<b>Confidential Capacity Contracts (Aggregated):</b>																
<b>Purchases/Sales (Net)</b>	Other	<b>MW</b>	<b>Contracts</b>													
Total		1,176	4	5,972,745	6,237,873	5,116,096	4,987,029	6,360,680	11,313,251	11,289,374	11,246,418	6,018,837	4,950,424	0	0	73,492,725
<b>TOTAL</b>				<b>45,069,211</b>	<b>38,759,077</b>	<b>37,449,992</b>	<b>37,392,959</b>	<b>38,497,137</b>	<b>43,883,234</b>	<b>43,582,685</b>	<b>44,190,198</b>	<b>37,283,868</b>	<b>36,569,535</b>	<b>0</b>	<b>0</b>	<b>402,677,897</b>



Duke Energy Florida  
2016  
A Schedule Acronym Listing

Acronym	Definition
RRSSA	Revised and Restated Stipulation and Settlement Agreement
T &D	Transmission and Distribution
GPIF	Generating Performance Incentive Factor
MWH	Megawatt Hour
KWH	Kilowatt Hour
CAP	Capacity
FAC	Factor
EQUIV	Equivalent
AVAIL	Availability
Adj	Adjusted/Adjustment
C/KWH	Cents per kilowatt Hour
SEPA	Southeastern Power Administration
Cogen / CO-GEN	Cogeneration
TOLL	Tolling
BBL	Barrel
MCF	Thousand Cubic Feet
MMBTU	Million British Thermal Units
BTU	British Thermal Unit