



Matthew R. Bernier
Senior Counsel

August 21, 2017

VIA ELECTRONIC FILING

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

Re: Docket No. 20170001-EI

Dear Ms. Stauffer:

Attached for electronic filing in the subject docket on behalf of Duke Energy Florida, LLC, are Schedules A1 through A9 and A12 for the reporting month of July 2017.

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
Attachments

cc: Parties of record

CERTIFICATE OF SERVICE

Docket No. 20170001-EI

I HEREBY CERTIFY that a true copy of Duke Energy Florida, LLC's Schedules A1-A9 and A12 for the month of July 2017 have been furnished to the following individuals via e-mail on this 21st day of August, 2017.

/s/ Matthew R. Bernier
Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

JULY 2017

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
	AMOUNT		%		AMOUNT		%		AMOUNT		%	
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	124,162,571	116,140,966	8,021,605	6.9	3,718,860	3,700,743	18,117	0.5	3.3387	3.1383	0.2004	6.4
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	3,974,796	0	3,974,796	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	128,137,367	116,140,966	11,996,401	10.3	3,718,860	3,700,743	18,117	0.5	3.4456	3.1383	0.3073	9.8
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	16,350,234	11,445,908	4,904,326	42.9	396,721	286,797	109,924	38.3	4.1213	3.9909	0.1304	3.3
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	1,247	0	1,247	0.0	49	0	49	0.0	2.5440	0.0000	2.5440	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	444,379	446,632	(2,253)	(0.5)	11,978	9,260	2,718	29.4	3.7100	4.8233	(1.1133)	(23.1)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	13,609,946	12,199,522	1,410,423	11.6	304,973	286,942	18,031	6.3	4.4627	4.2516	0.2111	5.0
9 TOTAL COST OF PURCHASED POWER	30,405,804	24,092,062	6,313,742	26.2	713,721	582,999	130,722	22.4	4.2602	4.1324	0.1278	3.1
10 TOTAL AVAILABLE MWH					4,432,581	4,283,741	148,840	3.5				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(81,223)	(114,697)	33,474	(29.2)	(1,928)	(3,548)	1,620	(45.7)	4.2128	3.2329	0.9799	30.3
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(29,732)	(27,919)	(1,813)	6.5	(1,928)	(3,548)	1,620	(45.7)	1.5421	0.7869	0.7552	96.0
11b 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
12 FUEL COST OF STRATIFIED SALES	(4,752,625)	(2,684,330)	(2,068,295)	77.1	(224,664)	(109,738)	(114,926)	104.7	2.1154	2.4461	(0.3307)	(13.5)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(4,863,580)	(2,826,946)	(2,036,635)	72.0	(226,592)	(113,286)	(113,306)	100.0	2.1464	2.4954	(0.3490)	(14.0)
14 NET INADVERTENT AND WHEELED INTERCHANGE					(319)	0	(319)					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	153,679,592	137,406,082	16,273,509	11.8	4,205,670	4,170,456	35,215	0.8	3.6541	3.2947	0.3594	10.9
16 NET UNBILLED	6,738,367	3,149,534	3,588,833	114.0	(184,405)	(95,593)	(88,813)	92.9	0.1766	0.0817	0.0949	116.2
17 COMPANY USE	595,862	438,871	156,991	35.8	(16,307)	(13,320)	(2,986)	22.4	0.0156	0.0114	0.0042	36.8
18 T & D LOSSES	6,947,022	6,858,838	88,184	1.3	(190,116)	(208,175)	18,059	(8.7)	0.1821	0.1780	0.0041	2.3
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	153,679,592	137,406,082	16,273,509	11.8	3,814,843	3,853,368	(38,525)	(1.0)	4.0285	3.5659	0.4626	13.0
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(829,870)	(796,955)	(32,915)	4.1	(20,630)	(22,264)	1,634	(7.3)	4.0227	3.5796	0.4431	12.4
21 JURISDICTIONAL KWH SALES	152,849,722	136,609,127	16,240,595	11.9	3,794,213	3,831,104	(36,891)	(1.0)	4.0285	3.5658	0.4627	13.0
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00112	153,020,913	136,663,771	16,357,143	12.0	3,794,213	3,831,104	(36,891)	(1.0)	4.0330	3.5672	0.4658	13.1
23 PRIOR PERIOD TRUE-UP	2,184,805	2,184,805	0	0.0	3,794,213	3,831,104	(36,891)	(1.0)	0.0576	0.0570	0.0006	1.1
24 TOTAL JURISDICTIONAL FUEL COST	155,205,719	138,848,576	16,357,143	11.8	3,794,213	3,831,104	(36,891)	(1.0)	4.0906	3.6242	0.4664	12.9
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									4.0935	3.6268	0.4667	12.9
27 GPIF	187,952	187,952			3,794,213	3,831,104			0.0050	0.0049	0.0001	2.0
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.099	3.632	0.467	12.9

*Line 15a. MWH Data for Infomational Purposes Only

**DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - JULY 2017**

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	730,496,119	686,765,046	43,731,073	6.4	20,691,990	21,282,977	(590,986)	(2.8)	3.5303	3.2268	0.3035	9.4
2 COAL CAR SALE	(42,303)	0	(42,303)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	3,460,982	0	3,460,982	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	733,914,798	686,765,046	47,149,752	6.9	20,691,990	21,282,977	(590,986)	(2.8)	3.5469	3.2268	0.3201	9.9
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	78,182,811	38,106,214	40,076,597	105.2	1,717,043	920,196	796,847	86.6	4.5533	4.1411	0.4122	10.0
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	31,038	0	31,038	0.0	1,192	0	1,192	0.0	2.6039	0.0000	2.6039	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	6,010,741	2,440,555	3,570,186	146.3	163,462	53,935	109,527	203.1	3.6771	4.5250	(0.8479)	(18.7)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	84,850,393	82,273,832	2,576,561	3.1	1,906,843	1,952,742	(45,900)	(2.4)	4.4498	4.2132	0.2366	5.6
9 TOTAL COST OF PURCHASED POWER	169,074,983	122,820,601	46,254,381	37.7	3,788,540	2,926,874	861,666	29.4	4.4628	4.1963	0.2665	6.4
10 TOTAL AVAILABLE MWH					24,480,530	24,209,851	270,680	1.1				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(1,077,482)	(1,575,777)	498,295	(31.6)	(27,450)	(50,223)	22,773	(45.3)	3.9253	3.1376	0.7877	25.1
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(331,253)	(383,560)	52,307	(13.6)	(27,450)	(50,223)	22,773	(45.3)	1.2067	0.7637	0.4430	58.0
11b 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
12 FUEL COST OF STRATIFIED SALES	(19,623,044)	(13,980,275)	(5,642,768)	40.4	(1,083,975)	(567,377)	(516,598)	91.1	1.8103	2.4640	(0.6537)	(26.5)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(21,031,778)	(15,939,612)	(5,092,166)	32.0	(1,111,425)	(617,600)	(493,825)	80.0	1.8923	2.5809	(0.6886)	(26.7)
14 NET INADVERTENT AND WHEELED INTERCHANGE					100,000	0	100,000					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	881,958,002	793,646,035	88,311,967	11.1	23,469,105	23,592,251	(123,146)	(0.5)	3.7580	3.3640	0.3940	11.7
16 NET UNBILLED	31,470,655	15,345,619	16,125,036	105.1	(837,441)	(462,421)	(375,021)	81.1	0.1476	0.0702	0.0774	110.3
17 COMPANY USE	2,873,301	2,978,341	(105,040)	(3.5)	(76,459)	(88,327)	11,868	(13.4)	0.0135	0.0136	(0.0001)	(0.7)
18 T & D LOSSES	46,365,087	39,610,358	6,754,729	17.1	(1,233,786)	(1,177,479)	(56,306)	4.8	0.2175	0.1812	0.0363	20.0
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	881,958,002	793,646,035	88,311,967	11.1	21,321,419	21,864,024	(542,605)	(2.5)	4.1365	3.6299	0.5066	14.0
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(6,187,862)	(4,223,549)	(1,964,313)	46.5	(148,080)	(116,514)	(31,566)	27.1	4.1787	3.6249	0.5538	15.3
21 JURISDICTIONAL KWH SALES	875,770,140	789,422,486	86,347,654	10.9	21,173,339	21,747,510	(574,171)	(2.6)	4.1362	3.6299	0.5063	14.0
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00112	876,670,496	789,738,255	86,932,241	11.0	21,173,339	21,747,510	(574,171)	(2.6)	4.1404	3.6314	0.5090	14.0
23 PRIOR PERIOD TRUE-UP	15,293,637	15,293,635	2	0.0	21,173,339	21,747,510	(574,171)	(2.6)	0.0722	0.0703	0.0019	2.7
24 TOTAL JURISDICTIONAL FUEL COST	891,964,133	805,031,890	86,932,242	10.8	21,173,339	21,747,510	(574,171)	(2.6)	4.2126	3.7017	0.5109	13.8
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									4.2156	3.7044	0.5113	13.8
27 GPIF	1,315,662	1,315,664			21,173,339	21,747,510			0.0062	0.0060	0.0002	96.8
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.222	3.710	0.511	13.8

*Line 15a. MWH Data for Informational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JULY 2017

	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	\$124,162,571	116,140,966	\$8,021,605	6.9	\$730,496,119	\$686,765,046	\$43,731,073	6.4
1a. COAL CAR SALE	-	0	0	0.0	(42,303)	0	(42,303)	(19,869,785.1)
2 . FUEL COST OF POWER SOLD	(81,223)	(114,697)	33,474	(29.2)	(1,077,482)	(1,575,777)	498,295	(31.6)
2a. GAIN ON POWER SALES	(29,732)	(27,919)	(1,813)	6.5	(331,253)	(383,560)	52,307	(13.6)
3 . FUEL COST OF PURCHASED POWER	16,350,234	11,445,908	4,904,326	42.9	78,182,811	38,106,214	40,076,597	105.2
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	13,609,946	12,199,522	1,410,423	11.6	84,850,393	82,273,832	2,576,561	3.1
4 . ENERGY COST OF ECONOMY PURCHASES	445,625	446,632	(1,007)	(0.2)	6,041,779	2,440,555	3,601,224	147.6
5 . TOTAL FUEL & NET POWER TRANSACTIONS	154,457,420	140,090,412	14,367,008	10.3	898,120,064	807,626,310	90,493,753	11.2
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(4,752,625)	(2,684,330)	(2,068,295)	77.1	(19,623,044)	(13,980,275)	(5,642,768)	40.4
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	3,974,796	0	3,974,796	0.0	3,460,982	0	3,460,982	0.0
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$153,679,592	\$137,406,082	\$16,273,509	11.8	\$881,958,002	\$793,646,035	\$88,311,967	11.1

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)	540	0	540	4,920	0	4,920	
N/A - Not used	0	0	0	0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0	(574,531)	0	(574,531)	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	3,974,256	0	3,974,256	3,974,256	0	3,974,256	
N/A - Not used	0	0	0	0	0	0	
N/A - Not used	0	0	0	0	0	0	
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	56,336	0	56,336	
N/A - Not used	0	0	0	0	0	0	
Derivative Collateral Interest	0	0	0	0	0	0	
N/A - Not used	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$3,974,796	\$0	\$3,974,796	\$3,460,982	\$0	\$3,460,982	

B. KWH SALES								
1 . JURISDICTIONAL SALES	3,794,212,892	3,831,104,080	(36,891,188)	(1.0)	21,173,339,821	21,747,510,116	(574,170,295)	(2.6)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	20,629,571	22,264,000	(1,634,429)	(7.3)	148,079,807	116,514,000	31,565,807	27.1
3 . TOTAL SALES	3,814,842,463	3,853,368,080	(38,525,617)	(1.0)	21,321,419,628	21,864,024,116	(542,604,488)	(2.5)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.46	99.42	0.04	0.0	99.31	99.47	(0.16)	(0.2)

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JULY 2017

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$140,134,644	\$140,217,061	(\$82,416)	(0.1)	\$766,175,084	\$795,951,215	(\$29,776,131)	(3.7)
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(2,184,805)	(2,184,805)	(0)	0.0	(15,293,637)	(15,293,635)	(2)	0.0
2b. INCENTIVE PROVISION	(187,952)	(187,952)	0	0.0	(1,315,662)	(1,315,664)	2	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	137,761,887	137,844,304	(82,416)	(0.1)	749,565,785	779,341,916	(29,776,131)	(3.8)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	153,679,592	137,406,082	16,273,509	11.8	881,958,002	793,646,035	88,311,967	11.1
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.46	99.42	0.04	0.0	0.00	99.47	(99.47)	(100.0)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00112 LOSS MULTIPLIER)	153,020,913	136,663,771	16,357,143	12.0	876,670,496	789,738,255	86,932,241	11.0
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(15,259,026)	1,180,533	(16,439,559)	(1,392.6)	(127,104,710)	(10,396,339)	(116,708,371)	1,122.6
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(175,682)	(7,126)	(168,557)	2,365.4	(749,750)	(41,234)	(708,516)	1,718.3
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(184,422,095)	(24,719,813)	(159,702,281)	646.1	(85,111,174)	(26,217,663)	(58,893,511)	224.6
10. TRUE UP COLLECTED (REFUNDED)	2,184,805	2,184,805	0	0.0	15,293,637	15,293,635	2	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(197,671,998)	(21,361,601)	(176,310,397)	825.4	(197,671,998)	(21,361,601)	(176,310,397)	825.4
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$197,671,998)	(21,361,601)	(176,310,397)	825.4	(\$197,671,998)	(21,361,601)	(176,310,397)	825.4
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$184,422,095)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(197,496,315)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(381,918,410)	N/A	--	--			NOT	
4. AVERAGE TRUE UP (50% OF LINE D3)	(190,959,205)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	1.080	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	1.120	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	2.200	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	1.100	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.092	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$175,682)	N/A	--	--				

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:26:05AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0%
2 - LIGHT OIL	1,321,385	290,364	1,031,021	355.1%
3 - COAL	30,456,638	31,955,839	(1,499,202)	(4.7%)
4 - GAS	92,384,549	83,894,763	8,489,786	10.1%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	124,162,571	116,140,966	8,021,605	6.9%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	6,968	0	6,968	0.0%
11 - COAL	838,442	1,041,837	(203,395)	(19.5%)
12 - GAS	2,872,584	2,655,720	216,864	8.2%
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	865	3,185	(2,320.00)	(72.8)%
15	0	0	0	0.0%
16 - TOTAL (MWH)	3,718,860	3,700,742	18,118	0.5%
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	14,589	1,394	13,195	946.6%
19 - COAL (TON)	388,872	480,852	(91,980)	(19.1%)
20 - GAS (MCF)	22,315,878	20,336,850	1,979,028	9.7%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	84,192	8,125	76,067	936.2%
26 - COAL	8,847,363	10,937,231	(2,089,868)	(19.1%)
27 - GAS	22,799,931	20,336,850	2,463,081	12.1%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	31,731,486	31,282,206	449,280	1.4%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:26:05AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.2	0.00	0.2	0.0%
34 - COAL	22.5	28.15	(5.6)	(19.9%)
35 - GAS	77.2	71.76	5.5	7.6%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.02	0.09	(0.06)	(72.97)%
38	0.0	0.00	0.0	0.0%
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
39 - TOTAL (% MWH)	100.0	99.9	0.1	0.1%
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	90.57	208.30	(117.72)	(56.5%)
42 - COAL (\$/TON)	78.32	66.46	11.86	17.9%
43 - GAS (\$/MCF)	4.14	4.13	0.01	0.4%
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%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	15.69	35.74	(20.04)	(56.1%)
49 - COAL	3.44	2.92	0.52	17.8%
50 - GAS	4.05	4.13	(0.07)	(1.8%)
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/>	<hr/>	<hr/>	<hr/>	<hr/>
54 - SYSTEM (\$/MBTU)	3.91	3.71	0.20	5.4%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,082	0	12,082	0.0%
57 - COAL	10,552	10,498	54	0.5%
58 - GAS	7,937	7,658	279	3.6%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
62 - SYSTEM (BTU/KWH)	8,533	8,453	80	0.9%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:26:05AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	18.96	0.00	18.96	0.0%
65 - COAL	3.63	3.07	0.57	18.4%
66 - GAS	3.22	3.16	0.06	1.8%
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%
<hr/> 70 - SYSTEM	<hr/> 3.34	<hr/> 3.14	<hr/> 0.20	<hr/> 6.4%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 7/1/2017

Run Date: 8/8/2017 10:02:07AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0%
2 - LIGHT OIL	6,372,761	2,285,667	4,087,094	178.8%
3 - COAL	210,042,076	189,725,709	20,316,367	10.7%
4 - GAS	514,081,281	494,753,670	19,327,611	3.9%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	730,496,119	686,765,046	43,731,073	6.4%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	32,176	369	31,807	8,619.9%
11 - COAL	5,790,837	6,128,147	(337,310)	(5.5%)
12 - GAS	14,860,080	15,136,488	(276,408)	(1.8%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	8,899	17,973	(9,074.00)	(50.5)%
15	0	0	0	0.0%
16 - TOTAL (MWH)	20,691,992	21,282,977	(590,985)	(2.8%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	67,287	13,909	53,378	383.8%
19 - COAL (TON)	2,633,445	2,803,199	(169,754)	(6.1%)
20 - GAS (MCF)	116,670,059	114,578,096	2,091,963	1.8%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	387,725	81,023	306,702	378.5%
26 - COAL	59,160,354	63,704,405	(4,544,051)	(7.1%)
27 - GAS	119,247,008	114,578,096	4,668,912	4.1%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	178,795,088	178,363,524	431,564	0.2%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 7/1/2017

Run Date: 8/8/2017 10:02:07AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.2	0.00	0.2	8868.9%
34 - COAL	28.0	28.79	(0.8)	(2.8%)
35 - GAS	71.8	71.12	0.7	1.0%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.04	0.08	(0.04)	(49.07)%
38	0.0	0.00	0.0	0.0%
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
39 - TOTAL (% MWH)	100.0	99.9	0.0	0.0%
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	94.71	164.33	(69.62)	(42.4%)
42 - COAL (\$/TON)	79.76	67.68	12.08	17.8%
43 - GAS (\$/MCF)	4.41	4.32	0.09	2.0%
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%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	16.44	28.21	(11.77)	(41.7%)
49 - COAL	3.55	2.98	0.57	19.2%
50 - GAS	4.31	4.32	(0.01)	(0.2%)
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/>	<hr/>	<hr/>	<hr/>	<hr/>
54 - SYSTEM (\$/MBTU)	4.09	3.85	0.24	6.1%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,050	219,575	(207,524)	(94.5%)
57 - COAL	10,216	10,395	(179)	(1.7%)
58 - GAS	8,025	7,570	455	6.0%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
62 - SYSTEM (BTU/KWH)	8,641	8,381	260	3.1%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 7/1/2017

Run Date: 8/8/2017 10:02:07AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	19.81	619.42	(599.62)	(96.8%)
65 - COAL	3.63	3.10	0.53	17.2%
66 - GAS	3.46	3.27	0.19	5.8%
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%
<hr/> 70 - SYSTEM	<hr/> 3.53	<hr/> 3.23	<hr/> 0.30	<hr/> 9.4%

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2017 to 7/1/2017
Run Date: 8/8/2017 9:27:55AM

(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 PER UNIT (\$)
Nuclear													
Crystal River 3													
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL Nuclear:	0	0.00				0				0	0	0.000	
Solar													
Osceola Solar Facility 1													
TOTAL UNIT 1	4	386.00	14			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	479.00	13			0				0	0	0.000	
TOTAL Solar:	9	865.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		182,966.00					Gas	1,932,510	1.024	1,978,890	8,410,928	4.597	4.352
	524	182,966.00	47			10,816				1,978,890	8,410,928	4.597	
TOTAL UNIT 2		160,555.00					Gas	1,720,790	1.024	1,762,089	7,489,452	4.665	4.352
	524	160,555.00	41			10,975				1,762,089	7,489,452	4.665	
Bartow													
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	
Crystal River 1 & 2													
TOTAL UNIT 1		70,530.00					Coal	36,990	22.346	826,579	3,514,997	4.984	95.026
		0.00					No 2	1,732	5.775	10,002	133,156	0.000	76.880
	372	70,530.00	25			11,861				836,580	3,648,153	5.172	
		99,023.91					Coal	54,990	22.346	1,228,807	5,225,458	5.277	95.026
		0.00					No 2	2,418	5.775	13,963	185,896	0.000	76.880
TOTAL UNIT 2	503	99,023.91	26			12,550				1,242,769	5,411,354	5.465	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2017 to 7/1/2017
Run Date: 8/8/2017 9:27:55AM

(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 PER UNIT (\$)
Steam													
Crystal River 4 & 5													
		257,492.00					Coal	116,183	22.870	2,657,105	8,495,637	3.299	73.123
		0.00					No 2	2,878	5.751	16,550	221,273	0.000	76.884
TOTAL UNIT 4	721	257,492.00	48			10,383				2,673,655	8,716,910	3.385	
		415,873.00					Coal	180,799	22.870	4,134,873	13,220,546	3.179	73.123
		0.00					No 2	1,606	5.751	9,235	123,476	0.000	76.884
TOTAL UNIT 5	721	415,873.00	78			9,965				4,144,109	13,344,022	3.209	
Suwannee Plant													
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	
TOTAL Steam:	3,365	1,186,439.91				10,652				12,638,093	47,020,819	3.963	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:27:55AM

(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 TYP E	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL PER UNIT (\$)
Gas Turbine													
Avon Park Peaker													
		128.71					No 2	381	5.816	2,216	36,161	28.096	94.910
		199.29					Gas	3,351	1.024	3,431	14,576	7.314	4.350
TOTAL APP	50	328.00	1			17,218				5,647	50,737	15.468	
Bartow Combined Cycle													
		682,648.00					Gas	5,143,415	1.020	5,246,283	21,364,975	3.130	4.154
TOTAL BCC	1,120	682,648.00	82			7,685				5,246,283	21,364,975	3.130	
Bartow Peaker													
		43.35					No 2	111	5.712	634	11,736	27.073	105.730
		1,263.65					Gas	18,067	1.023	18,483	78,559	6.217	4.348
TOTAL BAP	155	1,307.00	1			14,626				19,117	90,295	6.909	
Bayboro Peaker													
		17.80					No 2	109	5.712	623	15,780	88.653	144.772
TOTAL BYP	163	17.80	0			34,978				623	15,780	88.653	
Debary Peaker													
		1,834.22					No 2	3,966	5.777	22,913	461,450	25.158	116.351
		13,569.78					Gas	165,376	1.025	169,510	720,482	5.309	4.357
TOTAL DEP	385	15,404.00	5			12,492				192,423	1,181,931	7.673	
Hines Energy													
		1,296,660.00					Gas	9,203,272	1.022	9,405,744	37,234,730	2.872	4.046
TOTAL HEP	2,199	1,296,660.00	79			7,254				9,405,744	37,234,730	2.872	
Intercession City Peaker													
		608.76					No 2	1,388	5.804	8,056	132,456	21.758	95.430
		26,227.10					Gas	338,288	1.026	347,083	1,415,852	5.398	4.185
TOTAL ICP	1,188	26,835.86	3			13,234				355,140	1,548,308	5.770	
Osprey													
		323,417.00					Gas	2,320,612	1.020	2,367,024	9,639,661	2.981	4.154
TOTAL OSP	531	323,417.00	82			7,319				2,367,024	9,639,661	2.981	
Suwannee Peaker													
		2,390.00					Gas	35,513	1.024	36,365	154,571	6.467	4.353
TOTAL SRP	134	2,390.00	2			15,216				36,365	154,571	6.467	
Tiger Bay Cogen													
		147,082.00					Gas	1,105,336	1.020	1,127,443	4,589,149	3.120	4.152
TOTAL TBP	231	147,082.00	86			7,665				1,127,443	4,589,149	3.120	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2017 to 7/1/2017
Run Date: 8/8/2017 9:27:55AM

(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 PER UNIT (\$)
Gas Turbine													
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
TOTAL UFP		35,465.00					Gas	329,348	1.025	337,585	1,271,585	3.585	3.861
	48	35,465.00	99			9,519				337,585	1,271,585	3.585	
TOTAL Gas Turbine:													
	6,204	2,531,554.66				7,542				19,093,394	77,141,723	3.047	
SYSTEM TOTAL:													
	9,578	3,718,859.57				8,533				31,731,486	124,162,542	3.339	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:38:31AM

(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 (\$)
Nuclear													
Crystal River 3													
TOTAL UNIT 3			0.00					0		0	0	0.000	
TOTAL Nuclear:	0	0.00						0		0	0	0.000	
Solar													
Osceola Solar Facility 1													
TOTAL UNIT 1	4	3,502.00	18					0		0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	5,397.00	21					0		0	0	0.000	
TOTAL Solar:	9	8,899.00						0		0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		579,901.00					Gas	6,187,175	1.024	6,335,557	29,415,685	5.073	4.754
	524	579,901.00	22		10,925					6,335,557	29,415,685	5.073	
TOTAL UNIT 2		876,972.00					Gas	9,423,222	1.024	9,647,722	45,944,454	5.239	4.876
	524	876,972.00	33		11,001					9,647,722	45,944,454	5.239	
Bartow													
TOTAL UNIT 1			0.00							0	0	0.000	
TOTAL UNIT 2			0.00							0	0	0.000	
TOTAL UNIT 3			0.00							0	0	0.000	
Crystal River 1 & 2													
TOTAL UNIT 1		296,949.00					Coal No 2	146,497 4,113	22.517 5.770	3,298,672 23,730	14,191,862 322,779	4.779 0.000	96.875 78.478
	372	296,949.00	16		11,188					3,322,402	14,514,642	4.888	
		493,883.91					Coal No 2	258,390 8,226	22.489 5.762	5,810,904 47,396	24,987,492 660,434	5.059 0.000	96.705 80.286
TOTAL UNIT 2	503	493,883.91	19		11,862					5,858,300	25,647,926	5.193	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:38:31AM

(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 (\$)
Steam													
Crystal River 4 & 5													
		2,475,427.00					Coal	1,111,317	22.440	24,938,361	85,372,520	3.449	76.821
		0.00					No 2	12,368	5.746	71,062	1,012,163	0.000	81.837
TOTAL UNIT 4													
	721	2,475,427.00	67			10,103				25,009,422	86,384,683	3.490	
		2,544,154.00					Coal	1,117,331	22.475	25,112,418	85,490,202	3.360	76.513
		0.00					No 2	11,333	5.743	65,086	924,897	0.000	81.611
TOTAL UNIT 5													
	721	2,544,154.00	69			9,896				25,177,504	86,415,099	3.397	
Suwannee Plant													
		1.00					Gas	1	0.000	0	(3,274)	(327.357)	(3,273.570)
TOTAL UNIT 1			1.00			0				0	(3,274)	(327.357)	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL Steam:	3,365	7,267,287.91				10,369				75,350,907	288,319,215	3.967	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:38:31AM

(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 (\$)
Gas Turbine													
Avon Park Peaker													
		214.22					No 2	653	5,816	3,798	61,956	28.921	94.878
		598.28					Gas	10,363	1.024	10,607	50,483	8.438	4.871
TOTAL APP						17,729				14,405	112,438	13.839	
Bartow Combined Cycle													
		3,747,256.00					Gas	29,758,769	1.021	30,386,707	131,117,752	3.499	4.406
TOTAL BCC	1,120	3,747,256.00	66			8,109				30,386,707	131,117,752	3.499	
Bartow Peaker													
		471.32					No 2	1,308	5.712	7,471	138,295	29.342	105.730
		5,830.68					Gas	90,346	1.023	92,428	423,180	7.258	4.684
TOTAL BAP	199	6,302.00	1			15,852				99,899	561,475	8.909	
Bayboro Peaker													
		1,462.70					No 2	3,568	5.712	20,380	516,547	35.315	144.772
TOTAL BYP	217	1,462.70	0			13,933				20,380	516,547	35.315	
Debary Peaker													
		5,578.16					No 2	13,035	5.769	75,194	1,521,274	27.272	116.707
		74,519.84					Gas	980,544	1.024	1,004,534	4,644,944	6.233	4.737
TOTAL DEP	701	80,098.00	2			13,480				1,079,728	6,166,218	7.698	
Higgins Peaker													
		4,447.70					Gas	72,580	1.024	74,298	343,789	7.730	4.737
TOTAL HGP	121	4,447.70	1			16,705				74,298	343,789	7.730	
Hines Energy													
		7,678,466.10					Gas	54,825,193	1.022	56,042,790	234,371,226	3.052	4.275
TOTAL HEP	2,199	7,678,466.10	69			7,299				56,042,790	234,371,226	3.052	
Intercession City Peaker													
		5,407.47					No 2	12,380	5.803	71,840	1,181,627	21.852	95.446
		131,365.59					Gas	1,707,270	1.022	1,745,232	7,374,046	5.613	4.319
TOTAL ICP	1,188	136,773.06	2			13,285				1,817,072	8,555,673	6.255	
Osprey													
		539,830.00					Gas	3,909,664	1.020	3,989,605	16,850,606	3.121	4.310
TOTAL OSP	531	539,830.00	20			7,390				3,989,605	16,850,606	3.121	
Suwannee Peaker													
		50.12					No 2	127	5.817	739	11,680	23.304	91.968
		13,861.18					Gas	199,566	1.024	204,312	973,478	7.023	4.878
TOTAL SRP	200	13,911.30	1			14,740				205,051	985,158	7.082	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:38:31AM

(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 (\$)
Gas Turbine													
Tiger Bay Cogen													
TOTAL TBP		978,488.00					Gas	7,335,110	1.021	7,489,924	32,553,313	3.327	4.438
	231	978,488.00	83			7,655				7,489,924	32,553,313	3.327	
Univ of Florida Cogen													
TOTAL UFP		105.46					No 2	177	5.814	1,029	21,110	20.017	119.267
		227,853.54					Gas	2,170,256	1.024	2,223,292	10,021,569	4.398	4.618
	48	227,959.00	93			9,758				2,224,321	10,042,679	4.405	
TOTAL Gas Turbine:													
	6,805	13,415,806.36				7,711				103,444,171	442,176,875	3.296	
SYSTEM TOTAL:													
	10,179	20,691,993.27				8,641				178,795,078	730,496,091	3.530	

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:30:36AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
HEAVY OIL				
1 - PURCHASES				
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%
5 - BURNED				
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%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0			
11 - AMOUNT (\$)	0			
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	0	0	0	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	4,474	1,394	3,080	220.9%
20 - UNIT COST (\$/BBL)	89.64	208.30	(118.66)	(57.0%)
21 - AMOUNT (\$)	401,045	290,364	110,681	38.1%
22 - BURNED				
23 - UNITS (BBL)	14,589	1,394	13,195	946.6%
24 - UNIT COST (\$/BBL)	90.57	208.30	(117.72)	(56.5%)
25 - AMOUNT (\$)	1,321,385	290,364	1,031,021	355.1%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	897,533	947,635	(50,102)	(5.3%)
31 - UNIT COST (\$/BBL)	111.45	109.83	1.62	1.5%
32 - AMOUNT (\$)	100,030,040	104,075,698	(4,045,658)	(3.9%)
33 -				
34 - DAYS SUPPLY	1,907	20,394	(18,487)	(90.6%)

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:30:36AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	411,295	480,852	(69,557)	(14.5%)
37 - UNIT COST (\$/TON)	73.39	66.46	6.93	10.4%
38 - AMOUNT (\$)	30,183,014	31,955,839	(1,772,825)	(5.5%)
39 - BURNED				
40 - UNITS (TON)	388,872	480,852	(91,980)	(19.1%)
41 - UNIT COST (\$/TON)	78.32	66.46	11.86	17.9%
42 - AMOUNT (\$)	30,456,638	31,955,839	(1,499,202)	(4.7%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	(51,411)			
45 - AMOUNT (\$)	(3,974,256)			
46 - ENDING INVENTORY				
47 - UNITS (TON)	797,957	882,732	(84,775)	(9.6%)
48 - UNIT COST (\$/TON)	78.26	66.46	11.80	17.8%
49 - AMOUNT (\$)	62,445,695	58,663,456	3,782,239	6.4%
50 -				
51 - DAYS SUPPLY	64	55	9	15.5%
OTHER				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:30:36AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	22,315,878	20,336,850	1,979,028	9.7%
68 - UNIT COST (\$/MCF)	4.14	4.13	0.01	0.4%
69 - AMOUNT (\$)	92,384,549	83,894,763	8,489,786	10.1%
NUCLEAR				
70 - BURNED				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

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

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:36:14AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
HEAVY OIL				
1 - PURCHASES				
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%
5 - BURNED				
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%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0			
11 - AMOUNT (\$)	0			
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	0	0	0	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	29,832	12,604	17,228	136.7%
20 - UNIT COST (\$/BBL)	126.14	158.90	(32.76)	(23.5%)
21 - AMOUNT (\$)	3,762,936	2,002,724	1,760,212	87.9%
22 - BURNED				
23 - UNITS (BBL)	67,287	12,604	54,683	433.9%
24 - UNIT COST (\$/BBL)	94.71	158.90	(64.19)	(40.4%)
25 - AMOUNT (\$)	6,372,761	2,002,724	4,370,037	218.2%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	4,468			
28 - AMOUNT (\$)	574,531			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	897,533	947,635	(50,102)	(5.3%)
31 - UNIT COST (\$/BBL)	111.45	109.83	1.62	1.5%
32 - AMOUNT (\$)	100,030,040	104,075,698	(4,045,658)	(3.9%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:36:14AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	2,670,247	2,408,097	262,150	10.9%
37 - UNIT COST (\$/TON)	78.14	67.81	10.33	15.2%
38 - AMOUNT (\$)	208,647,321	163,294,793	45,352,528	27.8%
39 - BURNED				
40 - UNITS (TON)	2,633,445	2,408,097	225,348	9.4%
41 - UNIT COST (\$/TON)	79.76	67.81	11.95	17.6%
42 - AMOUNT (\$)	210,042,076	163,294,793	46,747,283	28.6%
43 - ADJUSTMENTS				
44 - UNITS (TON)	(51,411)			
45 - AMOUNT (\$)	(3,974,256)			
46 - ENDING INVENTORY				
47 - UNITS (TON)	797,957	882,732	(84,775)	(9.6%)
48 - UNIT COST (\$/TON)	78.26	66.46	11.80	17.8%
49 - AMOUNT (\$)	62,445,695	58,663,456	3,782,239	6.4%
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
OTHER				
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

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 7/1/2017

Run Date: 8/8/2017 9:36:14AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	116,670,059	101,310,811	15,359,248	15.2%
68 - UNIT COST (\$/MCF)	4.41	4.28	0.13	3.0%
69 - AMOUNT (\$)	514,081,281	433,595,501	80,485,780	18.6%
NUCLEAR				
70 - BURNED				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

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

**ATTACHMENT #1
SCHEDULE A-5
July 2017**

HEAVY OIL		
UNITS	AMOUNT	ADJUSTMENT EXPLANATION
0	\$0.00	TOTAL

LIGHT OIL		ADJUSTMENT EXPLANATION
UNITS	AMOUNT	
0	\$0.00	TOTAL

COAL		ADJUSTMENT EXPLANATION
UNITS	AMOUNT	
(51,410)	\$ (3,974,256.44)	Aerial Survey Adjustment
(51,410)	\$ (3,974,256.44)	TOTAL

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
July 2017

(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 \$
ESTIMATED		3,548		3,548	3.233	4.020	114,697	142,616	27,919
ACTUAL									
Florida Power & Light Company	Schedule C	98		98	3.466	5.449	3,396.68	5,340.02	1,943.34
Tampa Electric Company	CR-1	1,800		1,800	4.269	5.804	76,842.74	104,469.14	27,626.40
The Energy Authority	EEL	30		30	3.278	3.810	983.32	1,143.02	159.70
PJM Settlements								2.99	2.99
Subtotal - Gain on Other Power Sales		1,928	-	1,928	4.213	5.755	81,222.74	110,955.17	29,732.43
CURRENT MONTH TOTAL		1,928		1,928	4.213	5.755	81,222.74	110,955.17	29,732.43
DIFFERENCE		-1,620		-1,620	0.980	1.735	-33,474.26	-31,660.83	1,813.43
DIFFERENCE %		-45.66		-45.66	30.310	43.160	-29.18	-22.20	6.50
CUMULATIVE ACTUAL		27,450		27,450	3.925	5.132	1,077,481.95	1,408,734.82	331,252.87
CUMULATIVE ESTIMATED		50,222		50,222	3.138	3.901	1,575,777	1,959,337	383,560
DIFFERENCE		-22,772		-22,772	0.788	1.231	-498,295.05	-550,602.18	-52,307.13
DIFFERENCE %		-45.34		-45.34	25.100	31.540	-31.62	-28.10	-13.64

DUKE ENERGY FLORIDA, LLC.
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
JULY, 2017

(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		286,797			286,797	3.991	3.991	11,445,908.00	11,445,908.00
ACTUAL									
Osprey Energy Center	TOLL	-			-	-	-	0.00	-
Shady Hills Power Company, L.L.C.	TOLL	64,574			64,574	5.500	5.500	3,552,185.55	3,552,185.55
Southern Company Services, Inc.	Scherer	-			-	-	-	0.00	0.00
Southern Power Company	Franklin	185,179			185,179	2.970	2.970	5,507,551.64	5,507,551.64
Vandolah Power Company L.L.C.	TOLL	141,818			141,818	5.446	5.446	7,723,902.12	7,723,902.12
Calpine Energy Services, L.P.	TOLL	-			-	-	-	-	-
ADJUSTMENTS									
Calpine Energy Services, L.P.	TOLL	-			-	-	-	9,550.25	9,550.25
Osprey Energy Center	TOLL	-			-	-	-	-	-
Shady Hills Power Company, L.L.C.	TOLL	2,725			2,725	1.805	1.805	49,190.64	49,190.64
Southern Company Services, Inc.	Scherer	-			-	-	-	-	-
Southern Power Company	Franklin	-			-	-	-	-527,374.66	-527,374.66
Vandolah Power Company L.L.C.	TOLL	2,425			2,425	1.452	1.452	35,228.26	35,228.26
CURRENT MONTH TOTAL		396,721			396,721.000	4.121	4.121	16,350,233.80	16,350,233.80
DIFFERENCE		109,924			109,924	0.130	0.130	4,904,325.80	4,904,325.80
DIFFERENCE %		38			38	3.270	3.270	42.85	42.85
CUMULATIVE ACTUAL		1,717,043			1,717,043.000	4.550	4.550	78,182,810.71	78,182,810.71
CUMULATIVE ESTIMATED		920,196			920,196	4.140	4.140	38,106,214.00	38,106,214.00
DIFFERENCE		796,847			796,847	0.410	0.410	40,076,596.71	40,076,596.71
DIFFERENCE %		87			87	9.955	9.955	105.17	105.17

DUKE ENERGY FLORIDA, INC.
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
JULY, 2017

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL PURCHASED KWH (000)	(4) KWH FOR OTHER UTILITIES (000)	(5) KWH FOR NTERRUPTIBLE (000)	(6) KWH FOR FIRM (000)	(7) ENERGY COST C/KWH	(8) TOTAL COST C/KWH	(9) TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		286,942	-	-	286,942	4.252	12.607	12,199,522.00
ACTUAL								
Citrus World (CITRUS)	CO-GEN	20			20	2.749	2.749	542.86
ADJ		20			20			535.14
Florida Power Development (FCRUSHAS)	CO-GEN	4			4	0.000	0.000	0.00
ADJ		-			-			0.00
Florida Power Development (FLACRUSH)	CO-GEN	33,396			33,396	7.638	7.638	2,550,949.98
ADJ		-			-			-0.01
Lake County (LAKCOUNT)	CO-GEN	-			-	0.000	0.000	0.00
ADJ		-			-			720.25
Lee County (LEECOGAS)	CO-GEN	17,079			17,079	2.919	2.919	498,467.49
ADJ		-			-			27,618.02
Metro-Dade County (METRDADE)	CO-GEN	-			-	0.000	0.000	0.00
ADJ		-			-			0.00
Metro-Dade County (METRDDAS)	CO-GEN	10,900			10,900	2.963	2.963	322,991.54
ADJ		-			-			-21,381.20
Orange Cogen (ORANGEAS)	CO-GEN	1,112			1,112	2.739	2.739	30,461.76
ADJ		-			-			-1,503.43
Orange Cogen (ORANGEKO)	CO-GEN	38,859			38,859	4.181	4.181	1,624,694.79
ADJ		-			-			-27,575.88
Orlando Cogen Limited (ORLACOGL)	CO-GEN	88,959			88,959	5.356	5.356	4,764,587.89
ADJ		-			-			24,607.37
Orlando Cogen Limited (ORLCOGAS)	CO-GEN	-			-	0.000	0.000	0.00
ADJ		-			-			0.00
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	17,527			17,527	2.694	2.694	472,128.56
ADJ		-			-			-13,791.26
PCS Phosphate (OCSWFCRK)	CO-GEN	67			67	3.225	3.225	2,144.71
ADJ		52			52			1,714.70
Pinellas County Resource Recovery (PINCOUN)	CO-GEN	38,175			38,175	2.699	2.699	1,030,484.13
ADJ		-			-			-32,592.17
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	37,825			37,825	3.235	3.235	1,223,638.75
ADJ		-			-			-59,010.15
Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	CO-GEN	20,979			20,979	5.496	5.496	1,153,005.84
ADJ		-			-			36,505.82
CURRENT MONTH TOTAL		304,973			304,973	4.46	4.46	13,609,945.51
DIFFERENCE		18,031			18,031	0.21	(8.144)	1,410,423.51
DIFFERENCE %		6.28			6.28	4.95	(182.50)	11.56
CUMULATIVE ACTUAL		1,906,843			1,906,843	4.450	4.450	84,850,393.09
CUMULATIVE ESTIMATED		1,952,742			1,952,742	4.213	4.213	82,273,833.00
CUMULATIVE DIFFERENCE		(45,899)			(45,899)	0.237	0.237	2,576,560.09
CUMULATIVE DIFFERENCE %		(2.35)			(2)	5.614	5.614	3.13

DUKE ENERGY FLORIDA, LLC.
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
JULY, 2017

(1) PURCHASED FROM	(2) TYPE & & SCHEDULE	(3) TOTAL KWH PURCHASED (000)	(4) ENERGY COST C/KWH	(5) TOTAL AMOUNT FOR FUEL ADJ \$	(6) COST IF GENERATED C/KWH	(7) COST IF GENERATED \$	(8) FUEL SAVINGS \$
ESTIMATED		9,260	4.823	446,632.00	5.204	481,878.00	35,246.00
ACTUAL:							
Florida Power & Light Company	Schedule C	49	2.544	\$1,246.56	3.269	\$1,601.81	355.25
SubTotal - Energy Purchases (Broker)		49	2.544	1,246.56	3.269	1,601.81	355.25
SEPA	Hydro	2,755	3.964	109,218.22	0.000	109,218.22	-
EDF Trading North America, LLC		2,504	3.410	\$85,398.00	4.086	\$102,312.96	16,914.96
Exelon Generation Company, LLC	InternationalSwapsDe	3,145	3.184	\$100,151.00	4.178	\$131,403.09	31,252.09
Florida Power & Light Company	Transmission Purchase			\$9,294.50			-9,294.50
Florida Power & Light Company		900	4.100	\$36,900.00	3.227	\$29,043.00	-7,857.00
Jacksonville Electric Authority	Transmission Purchase			\$1,152.00			-1,152.00
Morgan Stanley Capital Group Inc.	EEl	50	2.800	\$1,400.00	3.339	\$1,669.50	269.50
Seminole Electric Cooperative, Inc.	Transmission Purchase			\$330.00			-330.00
Tallahassee (City of)	Schedule OS	25	0.500	\$125.00	2.102	\$525.50	400.50
Tampa Electric Company	EEl2	270	3.474	\$9,380.00	5.629	\$15,199.60	5,819.60
The Energy Authority	EEl	190	3.847	\$7,310.00	4.818	\$9,154.24	\$1,844.24
ADJUSTMENTS							
PJM Settlements, Inc.	MR1			(1.34)			1.34
Tampa Electric				(2,298.06)			2,298.06
SEPA Adjustment		2,139		86,019.20			(86,019.20)
SubTotal - Energy Purchases (Non-Broker)		11,978	3.71	444,378.52	3.327	398,526.11	(45,852.41)
CURRENT MONTH TOTAL		12,027	3.705	445,625.08	3.327	400,127.92	(45,497.16)
DIFFERENCE		2,767	(1.118)	(1,006.92)	-1.877	(81,750.08)	(80,743.16)
DIFFERENCE %		30	(23.176)	(0.23)	-36.070	(16.96)	(229.08)
CUMULATIVE ACTUAL		164,654	3.669	6,041,778.90	4.894	8,058,673.08	2,016,894.18
CUMULATIVE ESTIMATED		53,935	4.525	2,440,555.00	4.835	2,607,970.00	167,415.00
DIFFERENCE		110,719	(0.856)	3,601,223.90	0.059	5,450,703.08	1,849,479.18
DIFFERENCE %		205	(18.909)	147.56	1.218	209.00	1,104.73

DUKE ENERGY FLORIDA
SCHEDULE A12 - CAPACITY COSTS
FOR THE PERIOD JAN - DEC 2017

Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	YTD
1 Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	35,500,946
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	5,102,804	5,102,804	5,102,804	5,102,804	5,089,383	5,094,138	5,096,530	35,691,265
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	12,493,600
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	29,740,200
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	6,733,888	6,656,139	6,675,150	6,669,159	6,662,563	6,900,122	6,965,675	47,262,697
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 12/31/23	1,097,143	646,573	648,924	678,961	684,116	705,834	719,623	5,181,174
7 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,236,165	29,708,714
8 Retail Wheeling				(23,615)	(2,605)	(13,552)	(1,023)	(49,903)	(27)	(9,282)	(100,007)
9 CR-3 Projected Expense				4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	30,638,447
10 ISFSI Return				-	-	-	-	-	-	724,926	724,926
11 ASC Servicing Fee				-	-	-	-	-	-	(296,269)	(296,269)
SUBTOTAL				32,959,883	32,569,913	30,596,218	30,601,242	30,796,432	34,185,023	34,836,981	226,545,693

Confidential Capacity Contracts (Aggregated):

Purchases/Sales (Net)	Other	MW	Contracts	JAN	FEB	MAR	APR	MAY	JUN	JUL	YTD
Total		1,176	4	6,763,320	6,632,182	5,145,606	5,095,613	6,405,991	11,377,271	11,285,905	52,705,887
TOTAL				39,723,203	39,202,095	35,741,824	35,696,855	37,202,424	45,562,294	46,122,885	279,251,580

Duke Energy Florida
2017
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