Matthew R. Bernier
Senior Counsel

May 1, 2017

VIA ELECTRONIC FILING

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

Re: *Fuel and Purchased Power Cost recovery clause with Generating Performance Incentive Factor; Docket No. 170001-EI*

Dear Ms. Stauffer:

Please find enclosed for electronic filing on behalf of Duke Energy Florida, LLC ("DEF"), in the above-referenced docket, DEF's Response to Staff's Second Data Request.

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.

Respectfully,

s/ Matthew R. Bernier
Matthew R. Bernier

MRB/mw
Enclosures

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 1st day of May, 2017.

s/ Matthew R. Bernier
Attorney

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Duke Energy Florida, LLC's Response to Staff's Second Data Request
Docket No. 170001-EI - Fuel and purchased power cost recovery clause with generating performance incentive factor

1. Please identify the carrying costs applicable if the Company's midcourse correction petition is approved as requested.

   Response:
   The projected interest provision is $1,147,272 (Schedule E1-B (Sheet 2), line 7) and is based on the projected commercial paper interest rate. DEF used the same interest provision process in the 2017 Fuel Midcourse as it uses in the other fuel filings.

   The actual interest provision will be calculated using the actual commercial paper rates and true-up balances during the year. Any difference between the actual interest provision and the projected interest provision above will be included in the fuel true-up balance and will be included in fuel rates the next time rates are filed.

2. For the purposes of these questions, please assume that the Company collects the entire under-recovered amount in 2017, i.e., over the 6 months between July and December 2017.

   A. What would the Company include in its Projection filing for 2018?

      Response:
      DEF would follow the same process and include the same information in the 2018 Fuel Projection Filing as it has in previous Fuel Projection Filings. DEF would include the true-up provision from the 2017 Actual/Estimated Filing, to be filed on July 27, 2017. DEF would also include all 2018 projected fuel clause activity, to be filed on August 24, 2017.

   B. What amount of carrying costs would be applicable?

      Response:
      The approximate interest provision difference between DEF's Fuel Midcourse petition and the six month recovery period described in question two is $384k, or roughly $0.01 on a Residential 1,000 kWh bill. DEF's 2017 Midcourse petition includes an interest provision of approximately $1,147k. If the Midcourse were

recovered over the six month period, July – December 2017, the projected interest provision would be approximately $763k.

These amounts are estimates based on projected true-up balances and projected commercial paper rates. The actual interest provision will be calculated using the actual commercial paper rates and true-up balances during the year. Any difference between the actual interest provision and the projected interest provision above will be included in the fuel true-up balance and will be included in fuel rates the next time rates are filed.

3. Please provide a full set of E-Schedules and tariff sheets reflecting recovery of the entire under-recovered amount in 2017, i.e., over the 6 months between July and December 2017.

Response:

Attached is a full set of E-Schedules and tariff sheets reflecting recovery of the entire under-recovered amount over the 6 months between July and December 2017.

PROJECTED MARKET PRICE BY FUEL TYPE (Midcourse Projection)

	Light Oil		Coal Crystal River 1 & 2		Coal Crystal River 4 & 5		Natural Gas
Month	$/barrel	$/mmbtu	$/ton	$/mmbtu	$/ton	$/mmbtu	$/mmbtu
Jan 2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Feb 2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mar 2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Apr 2017	61.61	10.63	95.38	4.18	75.12	3.26	2.90
May 2017	61.85	10.67	95.38	4.18	74.09	3.21	2.97
Jun 2017	62.20	10.73	94.98	4.16	72.49	3.13	3.04
Jul 2017	62.66	10.81	94.55	4.14	70.94	3.06	3.10
Aug 2017	63.18	10.90	94.07	4.12	69.70	3.01	3.13
Sep 2017	63.68	10.99	93.36	4.08	68.30	2.95	3.12
Oct 2017	64.00	11.04	93.36	4.08	67.65	2.93	3.13
Nov 2017	63.61	10.97	93.36	4.08	67.19	2.91	3.18
Dec 2017	63.46	10.95	93.36	4.08	66.38	2.88	3.31
Average (a)	62.92	10.85	94.20	4.12	70.21	3.04	3.10

(a) Average is calculated April - December 2017

PROJECTED MARKET PRICE BY FUEL TYPE (Original Projection)

	Light Oil		Coal Crystal River 1 & 2		Coal Crystal River 4 & 5		Natural Gas
Month	$/barrel	$/mmbtu	$/ton	$/mmbtu	$/ton	$/mmbtu	$/mmbtu
Jan 2017	60.06	10.36	90.13	3.82	69.78	3.07	3.04
Feb 2017	60.74	10.48	90.13	3.82	68.42	3.01	3.04
Mar 2017	61.33	10.58	90.13	3.82	66.33	2.92	2.99
Apr 2017	61.39	10.59	90.13	3.82	65.11	2.87	2.80
May 2017	61.76	10.66	90.25	3.82	63.93	2.82	2.79
Jun 2017	62.24	10.74	91.27	3.87	63.01	2.78	2.82
Jul 2017	62.49	10.78	92.14	3.92	62.02	2.74	2.86
Aug 2017	62.96	10.86	92.80	3.95	61.29	2.71	2.87
Sep 2017	63.36	10.93	93.25	3.97	60.78	2.69	2.86
Oct 2017	63.64	10.98	93.39	3.98	60.59	2.68	2.89
Nov 2017	63.33	10.93	93.40	3.98	60.54	2.68	2.96
Dec 2017	62.66	10.81	93.40	3.98	60.23	2.66	3.10
Average	62.16	10.73	91.70	3.90	63.50	2.80	2.92

VARIANCE

	Light Oil		Coal Crystal River 1 & 2		Coal Crystal River 4 & 5		Natural Gas
Month	$/barrel	$/mmbtu	$/ton	$/mmbtu	$/ton	$/mmbtu	$/mmbtu
Jan 2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Feb 2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mar 2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Apr 2017	0.23	0.04	5.25	0.37	10.00	0.39	0.10
May 2017	0.09	0.02	5.13	0.36	10.16	0.39	0.18
Jun 2017	(0.04)	(0.01)	3.71	0.29	9.48	0.34	0.22
Jul 2017	0.16	0.03	2.41	0.23	8.92	0.32	0.25
Aug 2017	0.22	0.04	1.27	0.17	8.41	0.30	0.26
Sep 2017	0.32	0.05	0.11	0.11	7.53	0.27	0.25
Oct 2017	0.35	0.06	(0.03)	0.10	7.06	0.25	0.24
Nov 2017	0.28	0.05	(0.04)	0.10	6.66	0.23	0.22
Dec 2017	0.80	0.14	(0.04)	0.10	6.15	0.22	0.21

Duke Energy Florida
Calculation of Total True-Up
Estimated for the Period of : July through December 2017

1.	Actual Over/(Under) Recovery January - December 2016 **(** Schedule E1-B, Page 2 of 2, Section C, Line 9 - Dec '16 **)**	$	(85,111,174)
2.	Projected (Over)/Under Recovery January - December 2016 (Refunded)/Collected January - December 2016 **(** Schedule E1-B, Page 2 of 2, Section C, Line 10 - Dec '16 **)**	$	26,217,663
3.	Estimated Over/(Under) Recovery January - December 2017 **(** Schedule E1-B, Page 2 of 2, Section C, Lines 8 and 12 - Dec '17 **)**	$	(123,151,067)
4.	Total Over/(Under) Recovery to be Included in the July - December 2017 Projected Period **(** Lines 1 through 3 **)**	$	(182,044,578)
5.	Jurisdictional MWH Sales (July - December 2017)	mWh	20,716,282
6.	Midcourse Correction Factor (Line 4 / Line 5)	Cents/kWh	0.879
7.	Levelized Fuel Factor approved in Order No. PSC-16-0547-FOF-EI	Cents/KWH	3.663
8.	Revised Levelized Fuel Factor for July - December 2017 (Line 6 + Line 7)	Cents/KWH	4.542

Duke Energy Florida
Calculation of Estimated True-Up
(3 MONTHS ACTUAL, 9 MONTHS ESTIMATED)
Estimated for the Period of : January through December 2017

			JAN ACTUAL	FEB ACTUAL	MAR ACTUAL	APR ESTIMATED	MAY ESTIMATED	JUN ESTIMATED	6 MONTH SUB-TOTAL
A	1	Fuel Cost of System Generation	$ 98,838,811	$ 84,184,731	$ 90,419,035	$ 89,380,009	$ 109,258,787	$ 115,978,405	$ 588,059,778
	2	Fuel Cost of Power Sold	(1,882,943)	(1,085,989)	(1,485,156)	(2,095,304)	(2,738,407)	(2,857,354)	(12,145,153)
	3	Fuel Cost of Purchased Power	2,642,216	2,786,384	9,274,000	7,468,981	6,209,576	7,992,996	36,374,153
	3a	Demand and Non-Fuel Cost of Purchased Power							-
	3b	Energy Payments to Qualified Facilities	13,627,016	12,466,965	10,563,523	12,423,394	13,765,922	13,104,864	75,951,684
	4	Energy Cost of Economy Purchases	199,213	441,004	1,462,753	274,414	169,690	102,408	2,649,481
	5	Adjustments to Fuel Cost	(559,468)	510	790	0	0	0	(558,168)
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	112,864,845	98,793,605	110,234,944	107,451,495	126,665,568	134,321,319	690,331,775
B	1	Jurisdictional mWh Sales	2,574,799	2,691,028	2,573,592	2,614,291	2,943,897	3,471,721	16,869,328
	2	Non-Jurisdictional mWh Sales	24,148	13,668	20,372	13,653	17,764	20,268	109,874
	3	TOTAL SALES (Lines B1 + B2)	2,598,947	2,704,696	2,593,964	2,627,944	2,961,661	3,491,989	16,979,202
	4	Jurisdictional % of Total Sales (Line B1/B3)	99.07%	99.49%	99.21%	99.48%	99.40%	99.42%	99.35%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	92,072,964	95,990,883	91,338,422	95,682,148	107,745,587	127,063,782	609,893,785
	2	True-Up Provision	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(13,108,830)
	2a	Incentive Provision	(187,952)	(187,952)	(187,952)	(187,952)	(187,952)	(187,952)	(1,127,712)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	89,700,207	93,618,126	88,965,665	93,309,391	105,372,830	124,691,025	595,657,243
	4	Fuel & Net Power Transactions (Line A6)	112,864,845	98,793,605	110,234,944	107,451,495	126,665,568	134,321,319	690,331,775
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	111,859,928	98,399,842	109,486,576	107,012,467	126,046,588	133,691,823	686,497,223
	6	Over/(Under) Recovery (Line C3 - Line C5)	(22,159,721)	(4,781,715)	(20,520,910)	(13,703,076)	(20,673,759)	(9,000,798)	(90,839,980)
	7	Interest Provision	(58,010)	(61,737)	(77,201)	(87,104)	(97,063)	(105,478)	(486,593)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	(22,217,731)	(4,843,452)	(20,598,111)	(13,790,180)	(20,770,822)	(9,106,276)	(91,326,573)
	9	Plus: Prior Period Balance	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)
	10	Plus: Cumulative True-Up Provision	2,184,805	4,369,610	6,554,415	8,739,220	10,924,025	13,108,830	13,108,830
	11	Subtotal Prior Period True-up	(82,926,369)	(80,741,564)	(78,556,759)	(76,371,954)	(74,187,149)	(72,002,344)	(72,002,344)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	($105,144,101)	(107,802,748)	($126,216,054)	($137,821,429)	($156,407,446)	($163,328,917)	(163,328,917)

Duke Energy Florida
Calculation of Estimated True-Up
(3 MONTHS ACTUAL, 9 MONTHS ESTIMATED)
Estimated for the Period of : January through December 2017

			JUL ESTIMATED	AUG ESTIMATED	SEPT ESTIMATED	OCT ESTIMATED	NOV ESTIMATED	DEC ESTIMATED	12 MONTH PERIOD
A	1	Fuel Cost of System Generation	$ 123,262,041	$ 123,499,965	$ 115,653,180	$ 108,286,454	$ 96,941,463	$ 106,408,076	$ 1,262,110,957
	2	Fuel Cost of Power Sold	(3,185,640)	(3,253,654)	(2,391,098)	(1,904,004)	(1,689,788)	(1,891,275)	(26,460,612)
	3	Fuel Cost of Purchased Power	9,171,567	9,739,092	8,222,085	8,939,510	1,971,271	777,432	75,195,110
	3a	Demand and Non-Fuel Cost of Purchased Power							0
	3b	Energy Payments to Qualified Facilities	13,844,917	13,721,547	13,044,101	12,254,997	12,603,219	13,341,249	154,761,713
	4	Energy Cost of Economy Purchases	162,117	282,869	227,210	383,617	99,387	122,245	3,926,926
	5	Adjustments to Fuel Cost	0	0	0	0	0	0	(558,168)
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	143,255,002	143,989,819	134,755,477	127,960,574	109,925,552	118,757,727	1,468,975,926
B	1	Jurisdictional mWh Sales	3,751,044	3,939,563	3,812,422	3,484,421	2,962,438	2,766,395	37,585,611
	2	Non-Jurisdictional mWh Sales	22,314	24,303	21,286	18,065	12,988	17,475	226,305
	3	TOTAL SALES (Lines B1 + B2)	3,773,358	3,963,866	3,833,708	3,502,486	2,975,426	2,783,870	37,811,915
	4	Jurisdictional % of Total Sales (Line B1/B3)	99.41%	99.39%	99.44%	99.48%	99.56%	99.37%	99.40%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	137,286,900	144,186,610	139,533,297	127,528,596	108,424,172	101,249,068	1,368,102,428
	2	True-Up Provision	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(26,217,660)
	2a	Incentive Provision	(187,952)	(187,952)	(187,952)	(187,952)	(187,952)	(187,949)	(2,255,421)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	134,914,143	141,813,853	137,160,540	125,155,839	106,051,415	98,876,314	1,339,629,347
	4	Fuel & Net Power Transactions (Line A6)	143,255,002	143,989,819	134,755,477	127,960,574	109,925,552	118,757,727	1,468,975,926
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	142,569,296	143,271,766	134,150,928	127,437,750	109,564,454	118,141,724	1,461,633,141
	6	Over/(Under) Recovery (Line C3 - Line C5)	(7,655,154)	(1,457,913)	3,009,612	(2,281,911)	(3,513,039)	(19,265,410)	(122,003,794)
	7	Interest Provision	(109,602)	(111,240)	(109,359)	(107,749)	(108,291)	(114,438)	(1,147,272)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	(7,764,756)	(1,569,153)	2,900,253	(2,389,660)	(3,621,330)	(19,379,847)	(123,151,067)
	9	Plus: Prior Period Balance	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)
	10	Plus: Cumulative True-Up Provision	15,293,635	17,478,440	19,663,245	21,848,050	24,032,855	26,217,663	26,217,663
	11	Subtotal Prior Period True-up	(69,817,539)	(67,632,734)	(65,447,929)	(63,263,124)	(61,078,319)	(58,893,511)	(58,893,511)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	($168,908,868)	($168,293,216)	($163,208,158)	($163,413,014)	($164,849,539)	($182,044,578)	(182,044,578)

Duke Energy Florida
Midcourse Calculation of Levelized Fuel Adjustment Factors
Estimated for the Period of : July through December 2017

1.	Projected Under-Recovery (Schedule E1-A, Line 4)	$	182,044,578	
2.	Regulatory Assessment Fee	$	131,072	
3.	Total amount to be Recovered (Line 1 + Line 2)	$	182,175,650	
4.	Jurisdictional Sales (July - December 2017)		20,716,282	mWh
5.	Jurisdictional Cost per kWh Sold (Line 3 / Line 4 / 10)		0.879	Cents/kWh
6.	Effective Jurisdictional Sales (See Below)		20,693,151	mWh

LEVELIZED FUEL FACTORS:

7.	Current Fuel Factor at Secondary Metering as approved in Order No. PSC-16-0547-FOF-EI	3.667	Cents/kWh
8.	Proposed Midcourse Adjustment (Line 3 / Line 6 / 10)	0.880	Cents/kWh
9.	Revised Fuel Factor at Secondary Metering (July - December 2017) (Line 7 + Line 8)	4.547	Cents/kWh
10.	Revised Fuel Factor at Primary Metering (July - December 2017)	4.502	Cents/kWh
11.	Revised Fuel Factor at Transmission Metering (July - December 2017)	4.456	Cents/kWh

TIERED FUEL FACTORS:

12.	Revised Fuel Factor - First Tier (0-1000 kWh) (July - December 2017)	4.250	Cents/kWh
13.	Revised Fuel Factor - Second Tier (Over 1000 kWh) (July - December 2017)	5.250	Cents/kWh

	JURISDICTIONAL SALES (mWh)	
METERING VOLTAGE:	METER	SECONDARY
Distribution Secondary	18,558,019	18,558,019
Distribution Primary	2,003,501	1,983,466
Transmission	154,762	151,667
Total	20,716,282	20,693,151

Duke Energy Florida
Calculation of Midcourse Fuel Cost Factors
Estimated for the Period of : July through December 2017

Line:	Metering Voltage	First Tier Factor Cents/kWh	Second Tier Factor Cents/kWh	Levelized Factors Cents/kWh	----------Time of Use---------- On-Peak Multiplier 1.282	Off-Peak Multiplier 0.861
1.	Distr bution Secondary	4.250	5.250	4.547	5.829	3.915
2.	Distr bution Primary	--	--	4.502	5.771	3.876
3.	Transmission	--	--	4.456	5.713	3.837
4.	Lighting Service	--	--	4.273	--	--

Line 4 calculated at secondary rate of 4.547 * (18.7% * On-Peak Multiplier 1.282 + 81.3% * Off-Peak Multiplier 0.861).

DEVELOPMENT OF TIME OF USE MULTIPLIERS

	ON-PEAK PERIOD			OFF-PEAK PERIOD			TOTAL		
Mo/Yr	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)
Jan-17	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Feb-17	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mar-17	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Apr-17	975,307	38,401,317	3.937	2,085,205	54,278,355	2.603	3,060,511	92,679,672	3.028
May-17	1,329,188	50,891,779	3.829	2,304,370	53,817,526	2.335	3,633,558	104,709,305	2.882
Jun-17	1,414,349	55,818,228	3.947	2,515,585	63,642,725	2.530	3,929,935	119,460,953	3.040
Jul-17	1,385,370	56,642,910	4.089	2,829,870	77,595,870	2.742	4,215,240	134,238,780	3.185
Aug-17	1,510,698	65,360,347	4.326	2,721,928	74,695,856	2.744	4,232,626	140,056,204	3.309
Sep-17	1,349,332	55,426,453	4.108	2,597,378	71,328,702	2.746	3,946,710	126,755,155	3.212
Oct-17	1,180,319	50,200,070	4.253	2,215,541	61,454,777	2.774	3,395,860	111,654,848	3.288
Nov-17	753,547	20,720,771	2.750	2,106,173	55,786,943	2.649	2,859,720	76,507,714	2.675
Dec-17	809,882	25,389,514	3.135	2,324,036	57,449,651	2.472	3,133,918	82,839,165	2.643
TOTAL	10,707,992	418,851,389	3.912	21,700,086	570,050,406	2.627	32,408,078	988,901,795	3.051

	ON-PEAK	OFF-PEAK	AVERAGE
MARGINAL FUEL COST			
WEIGHTING MULTIPLIER	1.282	0.861	1.000

Duke Energy Florida
Generating System Comparative Data by Fuel Type
Estimated for the Period of : January through December 2017

			Actual	Actual	Actual	Estimated	Estimated	Estimated	
			Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Subtotal
	FUEL COST OF SYSTEM NET GENERATION ($)								
1	HEAVY OIL		0	0	0	0	0	0	0
2	LIGHT OIL		584,006	264,148	745,051	356,509	422,941	369,407	2,742,062
3	COAL		24,862,701	22,731,009	27,887,070	25,982,893	31,807,415	31,926,457	165,197,545
4	GAS		73,392,104	61,189,574	61,786,914	63,040,607	77,028,431	83,682,541	420,120,171
5	NUCLEAR		0	0	0	0	0	0	0
6	OTHER		0	0	0	0	0	0	0
7	TOTAL	$	98,838,811	84,184,731	90,419,035	89,380,009	109,258,787	115,978,405	588,059,778
	SYSTEM NET GENERATION (MWH)								
8	HEAVY OIL		0	0	0	0	0	0	0
9	LIGHT OIL		3,301	1,573	4,141	0	3	12	9,031
10	COAL		695,229	641,628	779,529	679,856	831,957	865,594	4,493,793
11	GAS		1,949,480	1,640,985	1,748,315	1,911,571	2,335,957	2,582,722	12,169,031
12	NUCLEAR		0	0	0	0	0	0	0
13	SOLAR		1,091	1,318	1,624	1,633	1,664	1,521	8,851
14	OTHER		0	0	0	0	0	0	0
15	TOTAL	MWH	2,649,102	2,285,504	2,533,610	2,593,060	3,169,581	3,449,850	16,680,706
	UNITS OF FUEL BURNED								
16	HEAVY OIL	BBL	0	0	0	0	0	0	0
17	LIGHT OIL	BBL	6,302	2,971	8,261	2,452	3,477	2,629	26,092
18	COAL	TON	322,062	289,823	348,295	313,001	387,289	397,678	2,058,148
19	GAS	MCF	14,436,031	12,485,166	13,818,932	14,845,957	17,514,369	19,786,556	92,887,011
20	NUCLEAR	MMBTU	0	0	0	0	0	0	0
21	OTHER	BBL	0	0	0	0	0	0	0
	BTUS BURNED (MMBTU)								
22	HEAVY OIL		0	0	0	0	0	0	0
23	LIGHT OIL		36,294	17,109	47,496	14,276	20,258	15,313	150,746
24	COAL		7,107,485	6,452,029	7,840,284	7,204,992	8,923,768	9,198,839	46,727,397
25	GAS		14,769,486	12,758,333	14,122,352	14,845,957	17,514,369	19,786,556	93,797,054
26	NUCLEAR		0	0	0	0	0	0	0
27	OTHER		0	0	0	0	0	0	0
28	TOTAL	MMBTU	21,913,265	19,227,472	22,010,132	22,065,225	26,458,395	29,000,708	140,675,196
	GENERATION MIX (% MWH)								
29	HEAVY OIL		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30	LIGHT OIL		0.13%	0.07%	0.16%	0.00%	0.00%	0.00%	0.05%
31	COAL		26.24%	28.07%	30.77%	26.22%	26.25%	25.09%	26.94%
32	GAS		73.59%	71.80%	69.01%	73.72%	73.70%	74.87%	72.95%
33	NUCLEAR		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	SOLAR		0.04%	0.06%	0.06%	0.06%	0.05%	0.04%	0.05%
35	OTHER		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
36	TOTAL	%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	FUEL COST PER UNIT								
37	HEAVY OIL	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	LIGHT OIL	$/BBL	92.67	88.91	90.19	145.40	121.64	140.51	105.09
39	COAL	$/TON	77.20	78.43	80.07	83.01	82.13	80.28	80.27
40	GAS	$/MCF	5.08	4.90	4.47	4.25	4.40	4.23	4.52
41	NUCLEAR	$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	OTHER	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FUEL COST PER MMBTU ($/MMBTU)								
43	HEAVY OIL		0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	LIGHT OIL		16.09	15.44	15.69	24.97	20.88	24.12	18.19
45	COAL		3.50	3.52	3.56	3.61	3.56	3.47	3.54
46	GAS		4.97	4.80	4.38	4.25	4.40	4.23	4.48
47	NUCLEAR		0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	TOTAL	$/MMBTU	4.51	4.38	4.11	4.05	4.13	4.00	4.18
	BTU BURNED PER KWH (BTU/KWH)								
50	HEAVY OIL		0	0	0	0	0	0	0
51	LIGHT OIL		10,993	10,874	11,469	0	6,752,667	1,276,083	16,692
52	COAL		10,223	10,056	10,058	10,598	10,726	10,627	10,398
53	GAS		7,576	7,775	8,078	7,766	7,498	7,661	7,708
54	NUCLEAR		0	0	0	0	0	0	0
55	OTHER		0	0	0	0	0	0	0
56	TOTAL	BTU/KWH	8,272	8,413	8,687	8,509	8,348	8,406	8,433
	GENERATED FUEL COST PER KWH (C/KWH)								
57	HEAVY OIL		0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	LIGHT OIL		17.69	16.79	17.99	0.00	14098.03	3078.39	30.36
59	COAL		3.58	3.54	3.58	3.82	3.82	3.69	3.68
60	GAS		3.76	3.73	3.53	3.30	3.30	3.24	3.45
61	NUCLEAR		0.00	0.00	0.00	0.00	0.00	0.00	0.00
62	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	TOTAL	C/KWH	3.73	3.68	3.57	3.45	3.45	3.36	3.53

Duke Energy Florida
Generating System Comparative Data by Fuel Type
Estimated for the Period of : January through December 2017

			Estimated Jul-17	Estimated Aug-17	Estimated Sep-17	Estimated Oct-17	Estimated Nov-17	Estimated Dec-17	Total
	FUEL COST OF SYSTEM NET GENERATION ($)								
1	HEAVY OIL		0	0	0	0	0	0	0
2	LIGHT OIL		375,996	419,083	353,891	289,690	412,171	271,418	4,864,311
3	COAL		33,809,575	33,755,040	31,485,468	21,105,427	20,277,421	26,941,799	332,572,275
4	GAS		89,076,470	89,325,842	83,813,821	86,891,337	76,251,871	79,194,859	924,674,371
5	NUCLEAR		0	0	0	0	0	0	0
6	OTHER		0	0	0	0	0	0	0
7	TOTAL	$	123,262,041	123,499,965	115,653,180	108,286,454	96,941,463	106,408,076	1,262,110,957
	SYSTEM NET GENERATION (MWH)								
8	HEAVY OIL		0	0	0	0	0	0	0
9	LIGHT OIL		0	150	0	91	35	51	9,358
10	COAL		940,696	956,861	906,108	623,779	609,234	843,145	9,373,616
11	GAS		2,747,825	2,738,457	2,540,176	2,286,842	1,911,202	1,968,950	26,362,482
12	NUCLEAR		0	0	0	0	0	0	0
13	SOLAR		1,470	1,466	1,331	1,389	1,155	1,071	16,732
14	OTHER		0	0	0	0	0	0	0
15	TOTAL	MWH	3,689,990	3,696,933	3,447,615	2,912,102	2,521,626	2,813,217	35,762,188
	UNITS OF FUEL BURNED								
16	HEAVY OIL	BBL	0	0	0	0	0	0	0
17	LIGHT OIL	BBL	2,711	3,350	2,333	1,354	3,220	1,088	40,148
18	COAL	TON	430,651	437,060	414,956	281,665	271,654	375,382	4,269,516
19	GAS	MCF	21,028,186	21,023,061	19,469,413	17,463,555	14,212,207	14,429,919	200,513,352
20	NUCLEAR	MMBTU	0	0	0	0	0	0	0
21	OTHER	BBL	0	0	0	0	0	0	0
	BTUS BURNED (MMBTU)								
22	HEAVY OIL		0	0	0	0	0	0	0
23	LIGHT OIL		15,794	19,515	13,596	7,889	18,761	6,329	232,630
24	COAL		9,968,856	10,119,028	9,586,983	6,506,831	6,270,906	8,646,210	97,826,211
25	GAS		21,028,186	21,023,061	19,469,413	17,463,555	14,212,207	14,429,919	201,423,395
26	NUCLEAR		0	0	0	0	0	0	0
27	OTHER		0	0	0	0	0	0	0
28	TOTAL	MMBTU	31,012,836	31,161,604	29,069,992	23,978,275	20,501,874	23,082,458	299,482,235
	GENERATION MIX (% MWH)								
29	HEAVY OIL		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30	LIGHT OIL		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%
31	COAL		25.49%	25.88%	26.28%	21.42%	24.16%	29.97%	26.21%
32	GAS		74.47%	74.07%	73.68%	78.53%	75.79%	69.99%	73.72%
33	NUCLEAR		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	SOLAR		0.04%	0.04%	0.04%	0.05%	0.05%	0.04%	0.05%
35	OTHER		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
36	TOTAL	%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	FUEL COST PER UNIT								
37	HEAVY OIL	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	LIGHT OIL	$/BBL	138.69	125.10	151.69	213.95	128.00	249.47	121.16
39	COAL	$/TON	78.51	77.23	75.88	74.93	74.64	71.77	77.89
40	GAS	$/MCF	4.24	4.25	4.30	4.98	5.37	5.49	4.61
41	NUCLEAR	$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	OTHER	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FUEL COST PER MMBTU ($/MMBTU)								
43	HEAVY OIL		0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	LIGHT OIL		23.81	21.48	26.03	36.72	21.97	42.89	20.91
45	COAL		3.39	3.34	3.28	3.24	3.23	3.12	3.40
46	GAS		4.24	4.25	4.31	4.98	5.37	5.49	4.59
47	NUCLEAR		0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	TOTAL	$/MMBTU	3.98	3.96	3.98	4.52	4.73	4.61	4.21
	BTU BURNED PER KWH (BTU/KWH)								
50	HEAVY OIL		0	0	0	0	0	0	0
51	LIGHT OIL		0	130,100	0	86,692	537,564	124,587	24,860
52	COAL		10,597	10,575	10,580	10,431	10,293	10,255	10,436
53	GAS		7,653	7,677	7,665	7,637	7,436	7,329	7,641
54	NUCLEAR		0	0	0	0	0	0	0
55	OTHER		0	0	0	0	0	0	0
56	TOTAL	BTU/KWH	8,405	8,429	8,432	8,234	8,130	8,205	8,374
	GENERATED FUEL COST PER KWH (C/KWH)								
57	HEAVY OIL		0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	LIGHT OIL		0.00	279.39	0.00	318.34	1,181.01	534.29	51.98
59	COAL		3.59	3.53	3.47	3.38	3.33	3.20	3.55
60	GAS		3.24	3.26	3.30	3.80	3.99	4.02	3.51
61	NUCLEAR		0.00	0.00	0.00	0.00	0.00	0.00	0.00
62	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	TOTAL	C/KWH	3.34	3.34	3.35	3.72	3.84	3.78	3.53

Docket No. 170001-EI
Staff's Second Data Request - Question 3
Schedule E4

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Apr-17

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER	1	376	31,966	11.8	67.14	36 3	11,783	COAL	16,520	TONS	22.80	376,652	1,634,285	5.11
2	CRYSTAL RIVER	2	500	881	0.2	99 00	35 2	12,274	COAL	474	TONS	22.81	10,813	103,926	11 80
3	CRYSTAL RIVER	4	732	271,573	51 5	64 29	78.1	10,490	COAL	123,688	TONS	23.03	2,848,744	10,295,850	3.79
4	CRYSTAL RIVER	5	712	375,436	73 2	97 00	75 8	10,571	COAL	172,319	TONS	23.03	3,968,783	13,948,832	3.72
5	ANCLOTE	1	517	33,717	9.1	10.47	44.7	10,858	GAS	366,112	MCF	1.00	366,112	1,954,465	5 80
6	ANCLOTE	2	521	93,713	25 0	95 67	36 9	11,620	GAS	1,088,940	MCF	1.00	1,088,940	4,224,146	4 51
7	AVON PARK	1-2	69	22	0.0	92 00	31 2	17,535	GAS	377	MCF	1.00	377	1,600	7.44
8	BARTOW	1-4	228	520	0.3	76.75	17 6	14,579	GAS	7,587	MCF	1.00	7,587	32,216	6.19
9	BARTOW CC	1	1279	490,937	53 3	97 33	54 8	8,334	GAS	4,091,680	MCF	1.00	4,091,680	17,374,564	3 54
10	CITRUS CC	1-2	--	0	0 0	0 00	0 0	0	GAS	0	MCF		0	0	0 00
11	DEBARY	1-10	785	5,323	0.9	86.43	6 6	14,315	GAS	76,199	MCF	1.00	76,199	323,564	6 08
12	HIGGINS	1-4	129	471	0.5	90.75	22 8	15,534	GAS	7,315	MCF	1.00	7,315	31,061	6 60
13	HINES CC	1-4	2,204	1,130,580	71 2	77 58	21.7	7,031	GAS	7,949,478	MCF	1.00	7,949,478	33,755,992	2 99
14	INT CITY	1-14	1,186	11,556	1.4	94 88	5.7	13,251	GAS	153,127	MCF	1.00	153,127	650,219	5 63
15	OSPREY CC	1	554	0	0.0	0 00	0 0	0	GAS	0	MCF		0	0	0 00
16	SUWANNEE STEAM	1	67	0	0.0	0 00	0 0	0	GAS	0	MCF		0	0	0 00
17	SUWANNEE STEAM	2	66	0	0.0	0 00	0 0	0	GAS	0	MCF	0	0	0	0 00
18	SUWANNEE STEAM	3	67	0	0.0	0 00	0 0	0	GAS	0	MCF		0	0	0 00
19	SUWANNEE CT	1-3	200	3,602	2.5	70 23	24 0	13,606	GAS	49,007	MCF	1.00	49,007	208,098	5.78
20	TIGER BAY CC	1	225	123,362	76.1	92 00	88 9	7,200	GAS	888,219	MCF	1.00	888,219	3,771,659	3 06
21	UNIV OF FLA. CC	1	47	17,769	52 5	52.70	99 0	9,450	GAS	167,916	MCF	1.00	167,916	713,023	4 01
22	AVON PARK	1-2	69	0	0 0	92 00	0 0	0	LIGHT OIL	0	BBLS		0	0	0 00
23	BARTOW	1-4	228	0	0 0	76.75	0 0	0	LIGHT OIL	0	BBLS		0	0	0 00
24	BAYBORO	1-4	231	0	0.0	94 50	0 0	0	LIGHT OIL	0	BBLS		0	68	0 00
25	DEBARY	1-10	785	0	0.0	86.43	0 0	0	LIGHT OIL	0	BBLS		0	1,120	0 00
26	HIGGINS	1-4	129	0	0.0	90.75	0 0	0	LIGHT OIL	0	BBLS	0	0	0	0 00
27	OTHER		0	0	0.0	0 00	0 0	0	LIGHT OIL	0	BBLS	0	0	0	0 00
28	INT CITY	1-14	1,186	0	0.0	94 88	0 0	0	LIGHT OIL	0	BBLS		0	6,636	0 00
29	RIO PINAR	1	16	0	0.0	0 00	0 0	0	LIGHT OIL	0	BBLS		0	0	0 00
30	SUWANNEE	1-3	200	0	0.0	70 23	0 0	0	LIGHT OIL	0	BBLS		0	93	0 00
31	TURNER	1-4	199	0	0 0	0 00	0 0	0	LIGHT OIL	0	BBLS		0	0	0 00
32	OTHER & START UP		-	0	-	0 00	0 0	0	LIGHT OIL	2,452	BBLS	5.82	14,276	348,592	0 00
33	SOLAR		10	1,633	22.7	0 00	0 0	0	SOLAR	0	N/A		0	0	0 00
34	TOTAL			2,593,060									22,065,225	89,380,009	3.45

Docket No. 170001-EI
Staff's Second Data Request - Question 3
Schedule E4

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: May-17

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER	1	376	89,023	31.8	92 26	34 5	11,854	COAL	46,285	TONS	22.80	1,055,296	4,534,294	5 09
2	CRYSTAL RIVER	2	500	0	0.0	98 06	0 0	0	COAL	0	TONS		0	119,833	0 00
3	CRYSTAL RIVER	4	732	375,401	68.9	94.19	73 2	10,560	COAL	171,795	TONS	23.07	3,964,073	13,672,452	3 64
4	CRYSTAL RIVER	5	712	367,533	69.4	96.77	72 0	10,623	COAL	169,209	TONS	23.07	3,904,399	13,480,836	3 67
5	ANCLOTE	1	517	113,343	29.5	89 35	33 0	11,030	GAS	1,250,140	MCF	1.00	1,250,140	4,935,485	4.35
6	ANCLOTE	2	521	25,170	6 5	93 55	38 6	11,780	GAS	296,511	MCF	1.00	296,511	1,866,706	7.42
7	AVON PARK	1-2	69	0	0 0	92.75	0 0	0	GAS	0	MCF		0	0	0.00
8	BARTOW	1-4	228	395	0 2	75.17	19 3	14,152	GAS	5,593	MCF	1.00	5,593	24,599	6.22
9	BARTOW CC	1	1279	649,985	68 3	97.42	70.1	7,348	GAS	4,775,889	MCF	1.00	4,775,889	21,004,426	3.23
10	CITRUS CC	1-2	--	0	0 0	0 00	0 0	0	GAS	0	MCF		0	0	0.00
11	DEBARY	1-10	785	6,538	1.1	93 90	8.7	13,306	GAS	86,996	MCF	1.00	86,996	382,611	5.85
12	HIGG NS	1-4	129	205	0 2	90 32	26.4	15,435	GAS	3,158	MCF	1.00	3,158	13,887	6.79
13	HINES CC	1-4	2,204	1,357,473	82 8	97.42	21.4	7,064	GAS	9,588,562	MCF	1.00	9,588,562	42,170,626	3.11
14	NT CITY	1-14	1,186	8,658	1 0	95.46	6 5	12,866	GAS	111,402	MCF	1.00	111,402	489,945	5.66
15	OSPREY CC	1	554	61,971	15 0	31 57	85.4	7,803	GAS	483,582	MCF	1.00	483,582	2,126,800	3.43
16	SUWANNEE STEAM	1	67	0	0 0	0 00	0 0	0	GAS	0	MCF		0	0	0.00
17	SUWANNEE STEAM	2	66	0	0 0	0.00	0 0	0	GAS	0	MCF	0	0	0	0.00
18	SUWANNEE STEAM	3	67	0	0 0	0.00	0 0	0	GAS	0	MCF		0	0	0.00
19	SUWANNEE CT	1-3	200	4,610	3.1	83.84	25 3	13,385	GAS	61,711	MCF	1.00	61,711	271,405	5.89
20	TIGER BAY CC	1	225	74,151	44 3	56.02	88 8	7,211	GAS	534,733	MCF	1.00	534,733	2,351,764	3.17
21	UNIV OF FLA. CC	1	47	33,458	95.7	96.77	98 9	9,447	GAS	316,092	MCF	1.00	316,092	1,390,177	4.15
22	AVON PARK	1-2	69	0	0 0	92.75	0 0	0	LIGHT OIL	0	BBLS		0	0	0.00
23	BARTOW	1-4	228	0	0 0	75.17	0 0	0	LIGHT OIL	0	BBLS		0	0	0.00
24	BAYBORO	1-4	231	0	0 0	95 08	0 0	0	LIGHT OIL	0	BBLS		0	68	0.00
25	DEBARY	1-10	785	0	0 0	93 90	0 0	0	LIGHT OIL	0	BBLS		0	1,120	0.00
26	HIGG NS	1-4	129	0	0 0	90 32	0 0	0	LIGHT OIL	0	BBLS	0	0	0	0.00
27	OTHER		0	0	0 0	0 00	0 0	0	LIGHT OIL	0	BBLS	0	0	0	0.00
28	NT CITY	1-14	1,186	3	0 0	95.46	0 0	16,000	LIGHT OIL	8	BBLS	6.00	48	7,166	238.87
29	RIO P NAR	1	16	0	0 0	0.00	0 0	0	LIGHT OIL	0	BBLS		0	0	0.00
30	SUWANNEE	1-3	200	0	0 0	83.84	0 0	0	LIGHT OIL	0	BBLS		0	93	0.00
31	TURNER	1-4	199	0	0 0	0 00	0 0	0	LIGHT OIL	0	BBLS		0	0	0.00
32	OTHER & START UP		-	0	-	0 00	0 0	0	LIGHT OIL	3,469	BBLS	5.83	20,210	414,494	0.00
33	SOLAR		10	1,664	22.4	0 00	0 0	0	SOLAR	0	N/A		0	0	0.00
34	TOTAL			3,169,581									26,458,395	109,258,787	3.45

Docket No. 170001-EI

Duke Energy Florida

Staff's Second Data Request - Question 3

System Net Generation and Fuel Cost

Schedule E4

Estimated for the Period of: Jun-17

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	83,293	30.8	88 33	34 8	11,841	COAL	43,241 TONS	22.81	986,301	4,216,766	5 06
2 CRYSTAL RIVER	2	500	0	0.0	98 67	0 0	0	COAL	0 TONS		0	109,730	0 00
3 CRYSTAL RIVER	4	732	405,831	77.0	96 00	80 2	10,467	COAL	183,328 TONS	23.17	4,247,823	14,242,826	3 51
4 CRYSTAL RIVER	5	712	376,470	73.4	93 33	79 3	10,531	COAL	171,109 TONS	23.17	3,964,715	13,357,135	3 55
5 ANCLOTE	1	517	129,367	34.8	93 33	37 2	10,876	GAS	1,407,050 MCF	1.00	1,407,050	5,899,662	4 56
6 ANCLOTE	2	521	111,516	29.7	89 00	33.4	11,700	GAS	1,304,729 MCF	1.00	1,304,729	5,569,165	4 99
7 AVON PARK	1-2	69	10	0.0	90 67	0 0	16,300	GAS	163 MCF	1.00	163	689	6 89
8 BARTOW	1-4	228	850	0.5	77 67	18 6	14,124	GAS	12,001 MCF	1.00	12,001	50,757	5 97
9 BARTOW CC	1	1279	645,555	70.1	96 00	73 0	7,350	GAS	4,744,801 MCF	1.00	4,744,801	20,067,010	3.11
10 CITRUS CC	1-2	--	0	0.0	0 00	0 0	0	GAS	0 MCF		0	0	0 00
11 DEBARY	1-10	785	8,599	1.5	95 23	9 8	12,921	GAS	111,110 MCF	1.00	111,110	469,914	5.46
12 HIGGINS	1-4	129	686	0.7	90 00	24 2	15,439	GAS	10,588 MCF	1.00	10,588	44,782	6 53
13 H NES CC	1-4	2,204	1,349,499	85.0	96.17	22.4	7,040	GAS	9,499,828 MCF	1.00	9,499,828	40,177,263	2 98
14 INT CITY	1-14	1,186	13,668	1.6	95.71	6 5	12,790	GAS	174,807 MCF	1.00	174,807	739,305	5.41
15 OSPREY CC	1	554	175,597	44.0	96 90	84.7	7,735	GAS	1,358,211 MCF	1.00	1,358,211	5,744,229	3 27
16 SUWANNEE STEAM	1	67	0	0.0	0 00	0 0	0	GAS	0 MCF		0	0	0 00
17 SUWANNEE STEAM	2	66	0	0.0	0 00	0 0	0	GAS	0 MCF		0	0	0 00
18 SUWANNEE STEAM	3	67	0	0 0	0 00	0 0	0	GAS	0 MCF		0	0	0 00
19 SUWANNEE CT	1-3	200	4,345	3 0	98.78	25 9	13,291	GAS	57,753 MCF	1.00	57,753	244,251	5 62
20 TIGER BAY CC	1	225	109,960	67 9	88 33	88 9	7,214	GAS	793,273 MCF	1.00	793,273	3,354,960	3 05
21 UNIV OF FLA. CC	1	47	33,070	97.7	98 67	99.1	9,442	GAS	312,242 MCF	1.00	312,242	1,320,554	3 99
22 AVON PARK	1-2	69	0	0 0	90 67	0 0	0	LIGHT OIL	0 BBLS		0	0	0 00
23 BARTOW	1-4	228	0	0.0	77 67	0 0	0	LIGHT OIL	0 BBLS		0	0	0 00
24 BAYBORO	1-4	231	0	0.0	95 25	0 0	0	LIGHT OIL	0 BBLS		0	68	0 00
25 DEBARY	1-10	785	0	0.0	95 23	0 0	0	LIGHT OIL	0 BBLS		0	1,120	0 00
26 HIGGINS	1-4	129	0	0.0	90 00	0 0	0	LIGHT OIL	0 BBLS	0	0	0	0 00
27 OTHER		0	0	0.0	0 00	0 0	0	LIGHT OIL	0 BBLS	0	0	0	0 00
28 INT CITY	1-14	1,186	12	0.0	95.71	0 0	15,000	LIGHT OIL	31 BBLS	5.81	180	8,616	71 80
29 RIO PINAR	1	16	0	0.0	0 00	0 0	0	LIGHT OIL	0 BBLS		0	0	0 00
30 SUWANNEE	1-3	200	0	0.0	98.78	0 0	0	LIGHT OIL	0 BBLS		0	93	0 00
31 TURNER	1-4	199	0	0.0	0 00	0 0	0	LIGHT OIL	0 BBLS		0	0	0 00
32 OTHER & START UP		-	0	-	0 00	0 0	0	LIGHT OIL	2,598 BBLS	5.82	15,133	359,510	0 00
33 SOLAR		10	1,521	21.1	0 00	0 0	0	SOLAR	0 N/A		0	0	0 00
34 TOTAL			3,449,850								29,000,708	115,978,405	3 36

Docket No. 170001-EI

Staff's Second Data Request - Question 3

Schedule E4

Duke Energy Florida

System Net Generation and Fuel Cost

Estimated for the Period of: Jul-17

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER	1	376	96,928	34.6	95 81	36.2	11,792	COAL	50,085	TONS	22.82	1,142,928	4,853,233	5.01
2	CRYSTAL RIVER	2	500	1,651	0.4	97.42	41.3	12,055	COAL	872	TONS	22.82	19,902	199,938	12.11
3	CRYSTAL RIVER	4	732	432,630	79.4	95.16	83.5	10,427	COAL	194,506	TONS	23.19	4,511,075	14,708,737	3.40
4	CRYSTAL RIVER	5	712	409,487	77.3	94.19	83.0	10,489	COAL	185,188	TONS	23.19	4,294,951	14,047,667	3.43
5	ANCLOTE	1	517	134,944	35.1	90.97	38.6	10,857	GAS	1,465,061	MCF	1.00	1,465,061	6,180,596	4.58
6	ANCLOTE	2	521	121,248	31.3	91 29	34.3	11,650	GAS	1,412,531	MCF	1.00	1,412,531	6,009,032	4.96
7	AVON PARK	1-2	69	0	0.0	92.10	0.0	0	GAS	0	MCF		0	0	0.00
8	BARTOW	1-4	228	638	0.4	75.97	18.7	14,113	GAS	9,007	MCF	1.00	9,007	38,155	5.98
9	BARTOW CC	1	1279	682,186	71.7	97.42	73.6	7,348	GAS	5,012,967	MCF	1.00	5,012,967	21,235,183	3.11
10	CITRUS CC	1-2	--	0	0.0	0.00	0.0	0	GAS	0	MCF		0	0	0.00
11	DEBARY	1-10	785	8,628	1.5	95.29	9.7	12,943	GAS	111,679	MCF	1.00	111,679	473,079	5.48
12	HIGGINS	1-4	129	331	0.3	90.08	23.3	15,478	GAS	5,117	MCF	1.00	5,117	21,675	6.56
13	H NES CC	1-4	2,204	1,427,750	87.1	97 58	22.4	7,036	GAS	10,046,035	MCF	1.00	10,046,035	42,555,518	2.98
14	INT CITY	1-14	1,186	13,387	1.5	95 53	6.5	12,789	GAS	171,212	MCF	1.00	171,212	725,263	5.42
15	OSPREY CC	1	554	191,035	46.3	97.19	85.8	7,711	GAS	1,473,005	MCF	1.00	1,473,005	6,239,724	3.27
16	SUWANNEE STEAM	1	67	0	0.0	0 00	0.0	0	GAS	0	MCF		0	0	0.00
17	SUWANNEE STEAM	2	66	0	0.0	0 00	0.0	0	GAS	0	MCF		0	0	0.00
18	SUWANNEE STEAM	3	67	0	0.0	0 00	0.0	0	GAS	0	MCF		0	0	0.00
19	SUWANNEE CT	1-3	200	5,962	4.0	98.93	25.9	13,240	GAS	78,944	MCF	1.00	78,944	334,410	5.61
20	TIGER BAY CC	1	225	127,400	76.1	91.94	88.9	7,211	GAS	918,700	MCF	1.00	918,700	3,891,661	3.05
21	UNIV OF FLA. CC	1	47	34,316	98.1	99.03	99.1	9,440	GAS	323,928	MCF	1.00	323,928	1,372,174	4.00
22	AVON PARK	1-2	69	0	0.0	92.10	0.0	0	LIGHT OIL	0	BBLS		0	0	0.00
23	BARTOW	1-4	228	0	0.0	75 97	0.0	0	LIGHT OIL	0	BBLS		0	0	0.00
24	BAYBORO	1-4	231	0	0.0	96.13	0.0	0	LIGHT OIL	0	BBLS		0	68	0.00
25	DEBARY	1-10	785	0	0.0	95 29	0.0	0	LIGHT OIL	0	BBLS		0	1,120	0.00
26	HIGGINS	1-4	129	0	0.0	90 08	0.0	0	LIGHT OIL	0	BBLS		0	0	0.00
27	OTHER		0	0	0.0	97 58	0.0	0	LIGHT OIL	0	BBLS		0	0	0.00
28	INT CITY	1-14	1,186	0	0.0	95 53	0.0	0	LIGHT OIL	0	BBLS		0	6,636	0.00
29	RIO PINAR	1	16	0	0.0	0 00	0.0	0	LIGHT OIL	0	BBLS		0	0	0.00
30	SUWANNEE	1-3	200	0	0.0	98 93	0.0	0	LIGHT OIL	0	BBLS		0	93	0.00
31	TURNER	1-4	199	0	0.0	0 00	0.0	0	LIGHT OIL	0	BBLS		0	0	0.00
32	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	2,711	BBLS	5.83	15,794	368,079	0.00
33	SOLAR		10	1,470	19.8	0.00	0.0	0	SOLAR	0	N/A		0	0	0.00
34	TOTAL			3,689,990									31,012,836	123,262,041	3.34

Docket No. 170001-EI

Duke Energy Florida

Staff's Second Data Request - Question 3

System Net Generation and Fuel Cost

Schedule E4

Estimated for the Period of: Aug-17

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	94,494	33.8	91 29	37.0	11,762	COAL	48,681 TONS	22.83	1,111,450	4,694,812	4 97
2 CRYSTAL RIVER	2	500	3,866	1.0	97.10	40.7	12,038	COAL	2,038 TONS	22.84	46,540	307,094	7 94
3 CRYSTAL RIVER	4	732	425,792	78.2	91 29	85.7	10,401	COAL	190,942 TONS	23.19	4,428,832	14,221,247	3 34
4 CRYSTAL RIVER	5	712	432,709	81.7	97.10	84.3	10,474	COAL	195,399 TONS	23.19	4,532,206	14,531,887	3 36
5 ANCLOTE	1	517	140,920	36.6	91 29	40.1	10,813	GAS	1,523,790 MCF	1.00	1,523,790	6,471,111	4 59
6 ANCLOTE	2	521	131,181	33.8	95.16	35.6	11,562	GAS	1,516,774 MCF	1.00	1,516,774	6,448,079	4 92
7 AVON PARK	1-2	69	35	0.1	90.48	0.0	15,771	GAS	552 MCF	1.00	552	2,344	6.70
8 BARTOW	1-4	228	805	0.5	76 69	18.6	14,026	GAS	11,295 MCF	1.00	11,295	47,991	5 96
9 BARTOW CC	1	1279	676,234	71.1	96.13	73.9	7,354	GAS	4,972,987 MCF	1.00	4,972,987	21,129,951	3.12
10 CITRUS CC	1-2	--	0	0.0	0 00	0.0	0	GAS	0 MCF		0	0	0 00
11 DEBARY	1-10	785	8,911	1.5	95 23	9.8	12,895	GAS	114,906 MCF	1.00	114,906	488,227	5.48
12 HIGGINS	1-4	129	285	0.3	90 08	24.5	15,449	GAS	4,403 MCF	1.00	4,403	18,706	6 56
13 HINES CC	1-4	2,204	1,405,488	85.7	96 53	22.4	7,032	GAS	9,883,756 MCF	1.00	9,883,756	41,995,544	2 99
14 INT CITY	1-14	1,186	14,730	1.7	95 32	6.6	12,785	GAS	188,321 MCF	1.00	188,321	800,169	5.43
15 OSPREY CC	1	554	196,135	47.6	97 84	86.6	7,699	GAS	1,510,016 MCF	1.00	1,510,016	6,415,977	3 27
16 SUWANNEE STEAM	1	67	0	0.0	0 00	0.0	0	GAS	0 MCF		0	0	0 00
17 SUWANNEE STEAM	2	66	0	0.0	0 00	0.0	0	GAS	0 MCF		0	0	0 00
18 SUWANNEE STEAM	3	67	0	0.0	0 00	0.0	0	GAS	0 MCF		0	0	0 00
19 SUWANNEE CT	1-3	200	6,777	4.6	98 28	26.1	13,218	GAS	89,578 MCF	1.00	89,578	380,611	5 62
20 TIGER BAY CC	1	225	122,960	73.5	91 29	88.9	7,204	GAS	885,749 MCF	1.00	885,749	3,763,500	3 06
21 UNIV OF FLA. CC	1	47	33,996	97.2	98 06	99.1	9,440	GAS	320,934 MCF	1.00	320,934	1,363,632	4 01
22 AVON PARK	1-2	69	0	0.0	90.48	0.0	0	LIGHT OIL	0 BBLS		0	0	0 00
23 BARTOW	1-4	228	0	0.0	76 69	0.0	0	LIGHT OIL	0 BBLS		0	0	0 00
24 BAYBORO	1-4	231	0	0.0	95.40	0.0	0	LIGHT OIL	0 BBLS		0	68	0 00
25 DEBARY	1-10	785	0	0.0	95 23	0.0	0	LIGHT OIL	0 BBLS		0	1,120	0 00
26 HIGGINS	1-4	129	0	0.0	90 08	0.0	0	LIGHT OIL	0 BBLS		0	0	0 00
27 OTHER		0	0	0.0	0 00	0.0	0	LIGHT OIL	0 BBLS		0	0	0 00
28 INT CITY	1-14	1,186	150	1.7	95 32	0.0	14,680	LIGHT OIL	378 BBLS	5.83	2,202	31,248	20 83
29 RIO P NAR	1	16	0	0.0	0 00	0.0	0	LIGHT OIL	0 BBLS		0	0	0 00
30 SUWANNEE	1-3	200	0	0.0	98 28	0.0	0	LIGHT OIL	0 BBLS		0	93	0 00
31 TURNER	1-4	199	0	0.0	0 00	0.0	0	LIGHT OIL	0 BBLS		0	0	0 00
32 OTHER & START UP		-	0	-	0 00	0.0	0	LIGHT OIL	2,972 BBLS	5.83	17,313	386,554	0 00
33 SOLAR		10	1,466	19.7	0 00	0.0	0	SOLAR	0 N/A		0	0	0 00
34 TOTAL			3,696,933								31,161,604	123,499,965	3 34

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Sep-17

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	84,121	31.1	88 33	36.1	11,792	COAL	43,347 TONS	22.88	991,986	4,151,443	4 94
2 CRYSTAL RIVER	2	500	0	0.0	94 26	0.0	0	COAL	0 TONS		0	104,474	0 00
3 CRYSTAL RIVER	4	732	411,716	78.1	93 00	83.9	10,421	COAL	185,505 TONS	23.13	4,290,568	13,594,308	3 30
4 CRYSTAL RIVER	5	712	410,271	80.0	97 00	82.7	10,492	COAL	186,104 TONS	23.13	4,304,429	13,635,243	3 32
5 ANCLOTE	1	517	132,473	35.6	91 33	38.9	10,835	GAS	1,435,382 MCF	1.00	1,435,382	6,169,670	4 66
6 ANCLOTE	2	521	122,258	32.6	96 67	34.9	11,588	GAS	1,416,785 MCF	1.00	1,416,785	6,108,616	5 00
7 AVON PARK	1-2	69	0	0.0	90 00	0.0	0	GAS	0 MCF		0	0	0 00
8 BARTOW	1-4	228	465	0.3	63 08	18.5	14,110	GAS	6,561 MCF	1.00	6,561	28,243	6 07
9 BARTOW CC	1	1279	634,430	68.9	94 00	73.3	7,357	GAS	4,667,648 MCF	1.00	4,667,648	20,093,744	3.17
10 CITRUS CC	1-2	--	0	0.0	0 00	0.0	0	GAS	0 MCF		0	0	0 00
11 DEBARY	1-10	785	7,245	1.3	95 57	9.8	12,913	GAS	93,556 MCF	1.00	93,556	402,750	5 56
12 HIGGINS	1-4	129	299	0.3	89.75	25.7	15,460	GAS	4,621 MCF	1.00	4,621	19,893	6 66
13 HINES CC	1-4	2,204	1,296,892	81.7	91 01	22.5	7,016	GAS	9,098,536 MCF	1.00	9,098,536	39,168,262	3 02
14 INT CITY	1-14	1,186	9,855	1.2	95 00	6.5	12,804	GAS	126,184 MCF	1.00	126,184	543,209	5 51
15 OSPREY CC	1	554	175,693	44.0	96 03	85.5	7,727	GAS	1,357,639 MCF	1.00	1,357,639	5,844,496	3 33
16 SUWANNEE STEAM	1	67	0	0.0	0 00	0.0	0	GAS	0 MCF		0	0	0 00
17 SUWANNEE STEAM	2	66	0	0.0	0 00	0.0	0	GAS	0 MCF		0	0	0 00
18 SUWANNEE STEAM	3	67	0	0.0	0 00	0.0	0	GAS	0 MCF		0	0	0 00
19 SUWANNEE CT	1-3	200	5,451	3.8	91 86	25.7	13,276	GAS	72,369 MCF	1.00	72,369	311,541	5.72
20 TIGER BAY CC	1	225	122,360	75.5	91 67	88.9	7,199	GAS	880,870 MCF	1.00	880,870	3,792,056	3.10
21 UNIV OF FLA. CC	1	47	32,755	96.8	97 67	99.1	9,442	GAS	309,262 MCF	1.00	309,262	1,331,341	4 06
22 AVON PARK	1-2	69	0	0.0	90 00	0.0	0	LIGHT OIL	0 BBLS		0	0	0 00
23 BARTOW	1-4	228	0	0.0	63 08	0.0	0	LIGHT OIL	0 BBLS		0	0	0 00
24 BAYBORO	1-4	231	0	0.0	95 84	0.0	0	LIGHT OIL	0 BBLS		0	68	0 00
25 DEBARY	1-10	785	0	0.0	95 57	0.0	0	LIGHT OIL	0 BBLS		0	1,120	0 00
26 HIGGINS	1-4	129	0	0.0	89.75	0.0	0	LIGHT OIL	0 BBLS		0	0	0 00
27 OTHER		0	0	0.0	0 00	0.0	0	LIGHT OIL	0 BBLS		0	0	0 00
28 INT CITY	1-14	1,186	0	0.0	95 00	0.0	0	LIGHT OIL	0 BBLS		0	6,636	0 00
29 RIO PINAR	1	16	0	0.0	0 00	0.0	0	LIGHT OIL	0 BBLS		0	0	0 00
30 SUWANNEE	1-3	200	0	0.0	91 86	0.0	0	LIGHT OIL	0 BBLS		0	93	0 00
31 TURNER	1-4	199	0	0.0	0 00	0.0	0	LIGHT OIL	0 BBLS		0	0	0 00
32 OTHER & START UP		-	0	-	0 00	0.0	0	LIGHT OIL	2,333 BBLS	5.83	13,596	345,974	0 00
33 SOLAR		10	1,331	18.5	0 00	0.0	0	SOLAR	0 N/A		0	0	0 00
34 TOTAL			3,447,615								29,069,992	115,653,180	3 35

Docket No. 170001-EI
Staff's Second Data Request - Question 3
Schedule E4

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Oct-17

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER	1	376	2,072	0.7	88.06	50.1	11,446	COAL	1,036 TONS	22 89	23,717	105,129	5.07
2	CRYSTAL RIVER	2	500	0	0.0	70.71	0.0	0	COAL	0 TONS		0	8,391	0.00
3	CRYSTAL RIVER	4	732	442,406	81.2	96.13	84.5	10,413	COAL	199,416 TONS	23.10	4,606,918	14,494,212	3.28
4	CRYSTAL RIVER	5	712	179,301	33.8	37.32	84.8	10,464	COAL	81,213 TONS	23.10	1,876,196	6,497,695	3.62
5	ANCLOTE	1	517	130,534	33.9	92.58	36.6	10,890	GAS	1,421,501 MCF	1 00	1,421,501	6,506,838	4.98
6	ANCLOTE	2	521	65,532	16.9	89.68	36.8	11,635	GAS	762,487 MCF	1 00	762,487	4,359,772	6.65
7	AVON PARK	1-2	69	10	0.0	92.58	0.0	16,300	GAS	163 MCF	1 00	163	810	8.10
8	BARTOW	1-4	228	275	0.2	35.20	17.2	14,077	GAS	3,867 MCF	1 00	3,867	19,242	7.00
9	BARTOW CC	1	1279	673,461	70.8	95.48	74.1	7,356	GAS	4,953,810 MCF	1 00	4,953,810	24,648,084	3.66
10	CITRUS CC	1-2	--	0	0.0	0.00	0.0	0	GAS	0 MCF		0	0	0.00
11	DEBARY	1-10	785	10,027	1.7	95.10	8.6	13,292	GAS	133,277 MCF	1 00	133,277	663,131	6.61
12	HIGGINS	1-4	129	550	0.6	90.49	23.7	15,612	GAS	8,579 MCF	1 00	8,579	42,691	7.77
13	HINES CC	1-4	2,204	1,073,518	65.5	73.70	22.5	7,018	GAS	7,534,252 MCF	1 00	7,534,252	37,487,280	3.49
14	NT CITY	1-14	1,186	16,700	1.9	95.46	6.5	12,827	GAS	214,206 MCF	1 00	214,206	1,065,800	6.38
15	OSPREY CC	1	554	181,148	43.9	96.55	82.0	7,712	GAS	1,397,058 MCF	1 00	1,397,058	6,951,174	3.84
16	SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0	GAS	0 MCF		0	0	0.00
17	SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0	GAS	0 MCF		0	0	0.00
18	SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0	GAS	0 MCF		0	0	0.00
19	SUWANNEE CT	1-3	200	3,137	2.1	65.38	25.3	13,320	GAS	41,790 MCF	1 00	41,790	207,931	6.63
20	TIGER BAY CC	1	225	113,160	67.6	89.35	88.9	7,202	GAS	815,013 MCF	1 00	815,013	4,055,161	3.58
21	UNIV OF FLA. CC	1	47	18,791	53.7	53.66	99.2	9,449	GAS	177,552 MCF	1 00	177,552	883,423	4.70
22	AVON PARK	1-2	69	7	0.0	92.58	0.0	18,286	LIGHT O L	22 BBLS	5 82	128	1,456	20.80
23	BARTOW	1-4	228	0	0.0	35.20	0.0	0	LIGHT O L	0 BBLS		0	0	0.00
24	BAYBORO	1-4	231	3	0.0	94.76	0.0	16,333	LIGHT O L	8 BBLS	6.13	49	613	20.43
25	DEBARY	1-10	785	6	1.7	95.10	0.0	21,000	LIGHT O L	22 BBLS	5.73	126	2,566	42.77
26	HIGGINS	1-4	129	0	0.0	90.49	0.0	0	LIGHT O L	0 BBLS		0	0	0.00
27	OTHER		0	0	0.0	0.00	0.0	0	LIGHT O L	0 BBLS		0	0	0.00
28	NT CITY	1-14	1,186	75	1.9	95.46	0.0	15,080	LIGHT O L	194 BBLS	5 83	1,131	19,454	25.94
29	RIO PINAR	1	16	0	0.0	0.00	0.0	0	LIGHT O L	0 BBLS		0	0	0.00
30	SUWANNEE	1-3	200	0	0.0	65.38	0.0	0	LIGHT O L	0 BBLS		0	93	0.00
31	TURNER	1-4	199	0	0.0	0.00	0.0	0	LIGHT O L	0 BBLS		0	0	0.00
32	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT O L	1,108 BBLS	5 83	6,455	265,508	0.00
33	SOLAR		10	1,389	18.7	0.00	0.0	0	SOLAR	0 N/A		0	0	0.00
34	TOTAL			2,912,102								23,978,275	108,286,454	3.72

Docket No. 170001-EI

Duke Energy Florida

Staff's Second Data Request - Question 3

System Net Generation and Fuel Cost

Schedule E4

Estimated for the Period of: Nov-17

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER	1	376	0	0.0	93.67	0.0	0	COAL	0	TONS		0	4,943	0.00
2	CRYSTAL RIVER	2	500	0	0.0	97.00	0.0	0	COAL	0	TONS		0	4,943	0.00
3	CRYSTAL RIVER	4	732	371,606	70.5	92.67	76.1	10,342	COAL	166,486	TONS	23.08	3,843,190	12,193,873	3.28
4	CRYSTAL RIVER	5	712	237,628	46.4	56.67	82.8	10,216	COAL	105,168	TONS	23.08	2,427,716	8,073,662	3.40
5	ANCLOTE	1	517	77,026	20.7	85.67	24.1	11,432	GAS	880,553	MCF	1.00	880,553	3,921,694	5.09
6	ANCLOTE	2	521	10,431	2.8	96.00	34.5	11,381	GAS	118,720	MCF	1.00	118,720	1,439,641	13.80
7	AVON PARK	1-2	69	3	0.0	93.50	0.0	22,647	GAS	77	MCF	1.00	77	415	12.21
8	BARTOW	1-4	228	53	0.0	36.17	5.8	22,267	GAS	1,169	MCF	1.00	1,169	6,272	11.95
9	BARTOW CC	1	1279	611,446	66.4	97.67	68.0	7,330	GAS	4,482,032	MCF	1.00	4,482,032	24,047,169	3.93
10	CITRUS CC	1-2	--	0	0.0	0.00	0.0	0	GAS	0	MCF		0	0	0.00
11	DEBARY	1-10	785	5,206	0.9	95.30	10.4	12,766	GAS	66,461	MCF	1.00	66,461	356,576	6.85
12	HIGG NS	1-4	129	7	0.0	89.00	0.0	15,429	GAS	108	MCF	1.00	108	580	8.29
13	H NES CC	1-4	2,204	993,922	62.6	84.03	23.0	7,018	GAS	6,975,806	MCF	1.00	6,975,806	37,426,862	3.77
14	INT CITY	1-14	1,186	1,924	0.2	93.86	7.4	12,343	GAS	23,752	MCF	1.00	23,752	127,434	6.62
15	OSPREY CC	1	554	88,535	22.2	96.87	75.0	7,795	GAS	690,118	MCF	1.00	690,118	3,702,646	4.18
16	SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0	GAS	0	MCF		0	0	0.00
17	SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0	GAS	0	MCF		0	0	0.00
18	SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0	GAS	0	MCF		0	0	0.00
19	SUWANNEE CT	1-3	200	1,254	0.9	77.45	28.5	13,022	GAS	16,334	MCF	1.00	16,334	87,634	6.99
20	TIGER BAY CC	1	225	86,950	53.7	91.67	102.2	7,274	GAS	632,463	MCF	1.00	632,463	3,393,316	3.90
21	UNIV OF FLA. CC	1	47	34,445	101.8	99.67	102.1	9,424	GAS	324,614	MCF	1.00	324,614	1,741,632	5.06
22	AVON PARK	1-2	69	0	0.0	93.50	0 0	0	LIGHT OIL	0	BBLS		0	0	0.00
23	BARTOW	1-4	228	0	0.0	36.17	0.0	0	LIGHT OIL	0	BBLS		0	0	0.00
24	BAYBORO	1-4	231	0	0.0	95.42	0.0	0	LIGHT OIL	0	BBLS		0	68	0.00
25	DEBARY	1-10	785	18	0.9	95.30	0.0	17,283	LIGHT OIL	54	BBLS	5.89	318	4,749	25.81
26	HIGG NS	1-4	129	0	0.0	89.00	0.0	0	LIGHT OIL	0	BBLS		0	0	0.00
27	OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS		0	0	0.00
28	INT CITY	1-14	1,186	17	0.2	93.86	0.0	15,879	LIGHT OIL	45	BBLS	5.82	262	9,583	58.08
29	RIO P NAR	1	16	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS		0	0	0.00
30	SUWANNEE	1-3	200	0	0.0	77.45	0.0	0	LIGHT OIL	0	BBLS		0	93	0.00
31	TURNER	1-4	199	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS		0	0	0.00
32	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	3,121	BBLS	5.83	18,181	397,678	0.00
33	SOLAR		10	1,155	16.0	0.00	0.0	0	SOLAR	0	N/A		0	0	0.00
34	TOTAL			2,521,626									20,501,874	96,941,463	3.84

Docket No. 170001-EI
Staff's Second Data Request - Question 3
Schedule E4

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Dec-17

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER	1	376	0	0.0	85.81	0.0	0	COAL	0	TONS		0	4,943	0.00
2	CRYSTAL RIVER	2	500	0	0.0	99.03	0.0	0	COAL	0	TONS		0	4,943	0.00
3	CRYSTAL RIVER	4	732	400,332	73.5	95.48	77.0	10,328	COAL	179,508	TONS	23.03	4,134,626	12,922,770	3.23
4	CRYSTAL RIVER	5	712	442,813	83.6	98.06	85.4	10,188	COAL	195,874	TONS	23.03	4,511,584	14,009,143	3.16
5	ANCLOTE	1	517	78,029	20.3	90.00	22.5	11,516	GAS	898,584	MCF	1.00	898,584	3,963,315	5.08
6	ANCLOTE	2	521	0	0.0	93.23	0.0	0	GAS	0	MCF		0	968,333	0.00
7	AVON PARK	1-2	69	0	0.0	92.74	0.0	0	GAS	0	MCF		0	0	0.00
8	BARTOW	1-4	228	198	0.1	74.70	12.4	16,658	GAS	3,300	MCF	1.00	3,300	18,112	9.14
9	BARTOW CC	1	1279	639,702	67.2	96.45	69.8	7,176	GAS	4,590,328	MCF	1.00	4,590,328	25,192,821	3.94
10	CITRUS CC	1-2	--	0	0.0	0.00	0.0	0	GAS	0	MCF		0	0	0.00
11	DEBARY	1-10	785	1,446	0.3	94.68	10.3	12,802	GAS	18,511	MCF	1.00	18,511	101,593	7.03
12	HIGGINS	1-4	129	136	0.1	89.11	26.3	15,685	GAS	2,130	MCF	1.00	2,130	11,685	8.60
13	HINES CC	1-4	2,204	1,088,900	66.4	98.47	22.1	6,991	GAS	7,612,815	MCF	1.00	7,612,815	41,780,956	3.84
14	NT CITY	1-14	1,186	2,363	0.3	95.12	7.8	12,413	GAS	29,338	MCF	1.00	29,338	161,014	6.81
15	OSPREY CC	1	554	59,659	14.5	97.34	69.5	7,953	GAS	474,466	MCF	1.00	474,466	2,603,982	4.36
16	SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0	GAS	0	MCF		0	0	0.00
17	SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0	GAS	0	MCF		0	0	0.00
18	SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0	GAS	0	MCF		0	0	0.00
19	SUWANNEE CT	1-3	200	912	0.6	98.49	21.8	14,434	GAS	13,165	MCF	1.00	13,165	72,254	7.92
20	TIGER BAY CC	1	225	62,584	37.4	91.61	102.3	7,305	GAS	457,145	MCF	1.00	457,145	2,508,923	4.01
21	UNIV OF FLA. CC	1	47	35,021	100.2	98.06	102.1	9,427	GAS	330,137	MCF	1.00	330,137	1,811,871	5.17
22	AVON PARK	1-2	69	0	0.0	92.74	0.0	0	LIGHT O L	0	BBLS		0	0	0.00
23	BARTOW	1-4	228	0	0.0	74.70	0.0	0	LIGHT O L	0	BBLS		0	0	0.00
24	BAYBORO	1-4	231	0	0.0	94.68	0.0	0	LIGHT O L	0	BBLS		0	68	0.00
25	DEBARY	1-10	785	15	0.0	94.68	0.0	17,635	LIGHT O L	46	BBLS	5.67	261	4,084	27.59
26	HIGGINS	1-4	129	0	0.0	89.11	0.0	0	LIGHT O L	0	BBLS		0	0	0.00
27	OTHER		0	0	0.0	0.00	0.0	0	LIGHT O L	0	BBLS		0	0	0.00
28	NT CITY	1-14	1,186	33	0.3	95.12	0.0	17,242	LIGHT O L	98	BBLS	5.81	569	13,029	39.48
29	RIO PINAR	1	16	0	0.0	0.00	0.0	0	LIGHT O L	0	BBLS		0	0	0.00
30	SUWANNEE	1-3	200	3	0.6	98.49	0.0	21,667	LIGHT O L	11	BBLS	5.91	65	846	28.20
31	TURNER	1-4	199	0	0.0	0.00	0.0	0	LIGHT O L	0	BBLS		0	0	0.00
32	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT O L	933	BBLS	5.82	5,434	253,391	0.00
33	SOLAR		10	1,071	14.4	0.00	0.0	0	SOLAR	0	N/A		0	0	0.00
34	TOTAL			2,813,217									23,082,458	106,408,076	3.78

Duke Energy Florida
Inventory Analysis
Estimated for the Period of : January through December 2017

			Act	Act	Act	Est	Est	Est	
	HEAVY OIL		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Subtotal
1	PURCHASES:								
2	UNITS	BBL	0	0	0	0	0	0	0
3	UNIT COST	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	AMOUNT	$	0	0	0	0	0	0	0
5	BURNED:								
6	UNITS	BBL	0	0	0	0	0	0	0
7	UNIT COST	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	AMOUNT	$	0	0	0	0	0	0	0
9	ENDING INVENTORY:								
10	UNITS	BBL	0	0	0	0	0	0	
11	UNIT COST	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	
12	AMOUNT	$	0	0	0	0	0	0	
	LIGHT OIL								
13	PURCHASES:								
14	UNITS	BBL	3,721	3,541	4,619	2,452	3,477	2,629	20,439
15	UNIT COST	$/BBL	177.62	129.66	152.06	145.40	121.64	140.51	145.37
16	AMOUNT	$	660,920	459,135	702,362	356,509	422,941	369,407	2,971,275
17	BURNED:								
18	UNITS	BBL	10,769	2,971	8,261	2,452	3,477	2,629	26,092
19	UNIT COST	$/BBL	54.23	88.91	90.19	145.40	121.64	140.51	105.09
20	AMOUNT	$	584,006	264,148	745,051	356,509	422,941	369,407	2,742,062
21	ENDING INVENTORY:								
22	UNITS	BBL	932,407	932,977	929,335	929,335	929,335	929,335	
23	UNIT COST	$/BBL	110.16	110.30	110.69	110.69	110.69	110.69	
24	AMOUNT	$	102,716,679	102,911,666	102,868,978	102,868,978	102,868,978	102,868,978	
	COAL								
25	PURCHASES:								
26	UNITS	TON	351,101	334,976	364,377	313,001	387,289	397,678	2,148,422
27	UNIT COST	$/TON	77.89	81.87	79.47	83.01	82.13	80.28	80.73
28	AMOUNT	$	27,346,866	27,422,887	28,957,803	25,982,893	31,807,415	31,926,457	173,444,321
29	BURNED:								
30	UNITS	TON	322,062	289,823	348,295	313,001	387,289	397,678	2,058,148
31	UNIT COST	$/TON	77.20	78.43	80.07	83.01	82.13	80.28	80.27
32	AMOUNT	$	24,862,701	22,731,009	27,887,070	25,982,893	31,807,415	31,926,457	165,197,545
33	ENDING INVENTORY:								
34	UNITS	TON	841,605	886,759	902,840	902,840	902,840	902,840	
35	UNIT COST	$/TON	83.53	84.57	84.25	83.01	82.13	80.28	
36	AMOUNT	$	70,298,872	74,990,750	76,061,483	74,946,735	74,148,805	72,481,981	
	GAS								
37	BURNED:								
38	UNITS	MCF	14,436,031	12,485,166	13,818,932	14,845,957	17,514,369	19,786,556	92,887,011
39	UNIT COST	$/MCF	5.08	4.90	4.47	4.25	4.40	4.23	4.52
40	AMOUNT	$	73,392,104	61,189,574	61,786,914	63,040,607	77,028,431	83,682,541	420,120,171
	NUCLEAR								
41	BURNED:								
42	UNITS	MMBTU	0	0	0	0	0	0	0
43	UNIT COST	$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	AMOUNT	$	0	0	0	0	0	0	0

Duke Energy Florida
Inventory Analysis
Estimated for the Period of : January through December 2017

			Est Jul-17	Est Aug-17	Est Sep-17	Est Oct-17	Est Nov-17	Est Dec-17	Total
	HEAVY OIL								
1	PURCHASES:								
2	UNITS	BBL	0	0	0	0	0	0	0
3	UNIT COST	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	AMOUNT	$	0	0	0	0	0	0	0
5	BURNED:								
6	UNITS	BBL	0	0	0	0	0	0	0
7	UNIT COST	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	AMOUNT	$	0	0	0	0	0	0	0
9	ENDING INVENTORY:								
10	UNITS	BBL	0	0	0	0	0	0	
11	UNIT COST	$/BBL	0	0.00	0.00	0.00	0.00	0.00	
12	AMOUNT	$	0	0	0	0	0	0	
	LIGHT OIL								
13	PURCHASES:								
14	UNITS	BBL	2,711	3,350	2,333	1,354	3,220	1,088	34,495
15	UNIT COST	$/BBL	138.69	125.10	151.69	213.95	128.00	249.47	147.66
16	AMOUNT	$	375,996	419,083	353,891	289,690	412,171	271,418	5,093,524
17	BURNED:								
18	UNITS	BBL	2,711	3,350	2,333	1,354	3,220	1,088	40,148
19	UNIT COST	$/BBL	138.69	125.10	151.69	213.95	128.00	249.47	121.16
20	AMOUNT	$	375,996	419,083	353,891	289,690	412,171	271,418	4,864,311
21	ENDING INVENTORY:								
22	UNITS	BBL	929,335	929,335	929,335	929,335	929,335	929,335	
23	UNIT COST	$/BBL	110.69	110.69	110.69	110.69	110.69	110.69	
24	AMOUNT	$	102,868,978	102,868,978	102,868,978	102,868,978	102,868,978	102,868,978	
	COAL								
25	PURCHASES:								
26	UNITS	TON	430,651	437,060	414,956	281,665	271,654	375,382	4,359,790
27	UNIT COST	$/TON	78.51	77.23	75.88	74.93	74.64	71.77	78.17
28	AMOUNT	$	33,809,575	33,755,040	31,485,468	21,105,427	20,277,421	26,941,799	340,819,051
29	BURNED:								
30	UNITS	TON	430,651	437,060	414,956	281,665	271,654	375,382	4,269,516
31	UNIT COST	$/TON	78.51	77.23	75.88	74.93	74.64	71.77	77.89
32	AMOUNT	$	33,809,575	33,755,040	31,485,468	21,105,427	20,277,421	26,941,799	332,572,275
33	ENDING INVENTORY:								
34	UNITS	TON	902,840	902,840	902,840	902,840	902,840	902,840	
35	UNIT COST	$/TON	78.51	77.23	75.88	74.93	74.64	71.77	
36	AMOUNT	$	70,880,253	69,728,229	68,504,430	67,650,704	67,391,860	64,798,362	
	GAS								
37	BURNED:								
38	UNITS	MCF	21,028,186	21,023,061	19,469,413	17,463,555	14,212,207	14,429,919	200,513,352
39	UNIT COST	$/MCF	4.24	4.25	4.30	4.98	5.37	5.49	4.61
40	AMOUNT	$	89,076,470	89,325,842	83,813,821	86,891,337	76,251,871	79,194,859	924,674,371
	NUCLEAR								
41	BURNED:								
42	UNITS	MMBTU	0	0	0	0	0	0	0
43	UNIT COST	$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	AMOUNT	$	0	0	0	0	0	0	0

Duke Energy Florida
Fuel Cost of Power Sold
Estimated for the Period of : January through December 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
				MWH		C/KWH				REFUNDABLE
MONTH	SOLD TO	TYPE & SCHED	TOTAL MWH SOLD	WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (6) x (7)(A)	TOTAL COST $ (6) x (7)(B)	GAIN ON POWER SALES $
Jan-17	ECONSALE	--	6,767		6,767	2.691	3.018	182,091	204,252	22,161
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	61,854		61,854	2.714	2.714	1,678,692	1,678,692	0
	TOTAL		68,621		68,621	2.712	2.744	1,860,783	1,882,943	22,161
Feb-17	ECONSALE	--	1,150		1,150	2.107	1.864	24,236	21,433	(2,803)
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	87,217		87,217	1.221	1.221	1,064,556	1,064,556	0
	TOTAL		88,367		88,367	1.232	1.229	1,088,792	1,085,989	(2,803)
Mar-17	ECONSALE	--	1,853		1,853	2.471	3.742	45,787	69,333	23,546
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	92,681		92,681	1.528	1.528	1,415,823	1,415,823	0
	TOTAL		94,534		94,534	1.546	1.571	1,461,610	1,485,156	23,546
Apr-17	ECONSALE	--	4,821		4,821	3.782	4.827	182,356	232,706	50,350
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	79,292		79,292	2.349	2.349	1,862,597	1,862,597	0
	TOTAL		84,113		84,113	2.431	2.491	2,044,953	2,095,303	50,350
May-17	ECONSALE	--	10,557		10,557	3.742	4.775	395,040	504,113	109,073
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	93,412		93,412	2.392	2.392	2,234,294	2,234,294	0
	TOTAL		103,969		103,969	2.529	2.634	2,629,334	2,738,407	109,073
Jun-17	ECONSALE	--	10,182		10,182	3.906	4.985	397,724	507,538	109,814
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	96,169		96,169	2.443	2.443	2,349,816	2,349,816	0
	TOTAL		106,351		106,351	2.583	2.687	2,747,540	2,857,354	109,814
Jan-17	ECONSALE	--	35,329		35,329	3.474	4.357	1,227,234	1,539,374	312,140
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Jun-17	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	510,625		510,625	2.077	2.077	10,605,778	10,605,778	0
	TOTAL		545,954		545,954	2.167	2.225	11,833,011	12,145,152	312,140

Duke Energy Florida
Fuel Cost of Power Sold
Estimated for the Period of : January through December 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
				MWH		C/KWH				REFUNDABLE
MONTH	SOLD TO	TYPE & SCHED	TOTAL MWH SOLD	WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (6) x (7)(A)	TOTAL COST $ (6) x (7)(B)	GAIN ON POWER SALES $
Jul-17	ECONSALE	--	11,647		11,647	3.871	4.939	450,803	575,272	124,469
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAII	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	104,399		104,399	2.500	2.500	2,610,368	2,610,368	0
	TOTAL		116,046		116,046	2.638	2.745	3,061,171	3,185,640	124,469
Aug-17	ECONSALE	--	10,861		10,861	4.459	5.690	484,291	618,007	133,716
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAII	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	104,248		104,248	2.528	2.528	2,635,647	2,635,647	0
	TOTAL		115,109		115,109	2.710	2.827	3,119,938	3,253,654	133,716
Sep-17	ECONSALE	--	2,335		2,335	4.561	5.821	106,489	135,891	29,402
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAII	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	90,422		90,422	2.494	2.494	2,255,207	2,255,207	0
	TOTAL		92,757		92,757	2.546	2.578	2,361,696	2,391,098	29,402
Oct-17	ECONSALE	--	1,258		1,258	3.272	4.175	41,147	52,507	11,360
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAII	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	73,034		73,034	2.535	2.535	1,851,497	1,851,497	0
	TOTAL		74,292		74,292	2.548	2.563	1,892,644	1,904,004	11,360
Nov-17	ECONSALE	--	13,384		13,384	3.624	4.625	485,057	618,984	133,927
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAII	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	40,429		40,429	2.649	2.649	1,070,804	1,070,804	0
	TOTAL		53,813		53,813	2.891	3.140	1,555,861	1,689,788	133,927
Dec-17	ECONSALE	--	9,883		9,883	3.019	3.853	298,372	380,754	82,382
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAII	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	56,789		56,789	2.660	2.660	1,510,521	1,510,521	0
	TOTAL		66,672		66,672	2.713	2.837	1,808,893	1,891,275	82,382
Jan-17	ECONSALE	--	84,696		84,696	3.652	4.629	3,093,393	3,920,789	827,396
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Dec-17	EXCESS GAII	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	979,946		979,946	2.300	2.300	22,539,822	22,539,822	0
	TOTAL		1,064,642		1,064,642	2.408	2.485	25,633,214	26,460,611	827,396

Duke Energy Florida
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January through December 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	C/KWH (A) FUEL COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(B)
Jan-17	OTHER	--	0			0	0.000	0.000	-
Act	Osprey (Calpine)	--	33,992			33,992	0.888	0.888	301,837
	SHADY HILLS	--	5			5	4.389	4.389	219
	SOCO Franklin	--	56,398			56,398	3.776	3.776	2,129,598
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	2,447			2,447	8.605	8.605	210,562
	TOTAL		92,842	0	0	92,842	2.846	2.846	2,642,216
Feb-17	OTHER	--	0			0	0.000	0.000	-
Act	Osprey (Calpine)	--	0			0	0.000	0.000	5,667
	SHADY HILLS	--	3,004			3,004	9.539	9.539	286,563
	SOCO Franklin	--	43,086			43,086	3.875	3.875	1,669,559
	SOCO Scherer	--	0			0	0.000	0.000	(2,568)
	Vandolah (NSG)	--	8,527			8,527	9.701	9.701	827,164
	TOTAL		54,617	0	0	54,617	5.102	5.102	2,786,384
Mar-17	OTHER	--	0			0	0.000	0.000	-
Act	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	40,283			40,283	4.250	4.250	1,711,879
	SOCO Franklin	--	129,466			129,466	3.061	3.061	3,962,414
	SOCO Scherer	--	0			0	0.000	0.000	(79,936)
	Vandolah (NSG)	--	66,455			66,455	5.537	5.537	3,679,643
	TOTAL		236,204	0	0	236,204	3.926	3.926	9,274,000
Apr-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	10,233			10,233	4.828	4.828	494,004
	SOCO Franklin	--	101,304			101,304	3.024	3.024	3,063,041
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	74,025			74,025	5.285	5.285	3,911,936
	TOTAL		185,561	0	0	185,561	4.025	4.025	7,468,981
May-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	2,981			2,981	5.118	5.118	152,565
	SOCO Franklin	--	115,069			115,069	3.134	3.134	3,606,017
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	42,923			42,923	5.710	5.710	2,450,994
	TOTAL		160,973	0	0	160,973	3.858	3.858	6,209,576
Jun-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	12,234			12,234	4.952	4.952	605,825
	SOCO Franklin	--	118,025			118,025	3.118	3.118	3,680,407
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	68,538			68,538	5.408	5.408	3,706,764
	TOTAL		198,798	0	0	198,798	4.021	4.021	7,992,996
Jan-17	OTHER	--	0			0	0.000	0.000	-
THRU	Osprey (Calpine)	--	33,992			33,992	0.905	0.905	307,504
Jun-17	SHADY HILLS	--	68,740			68,740	4.730	4.730	3,251,056
	SOCO Franklin	--	563,348			563,348	3.215	3.215	18,111,036
	SOCO Scherer	--	0			0	0.000	0.000	(82,504)
	Vandolah (NSG)	--	262,915			262,915	5.624	5.624	14,787,063
	TOTAL		928,994	0	0	928,994	3.915	3.915	36,374,153

Duke Energy Florida
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January through December 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	C/KWH (A) FUEL COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(B)
Jul-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	9,559			9,559	4.973	4.973	475,361
	SOCO Franklin	--	140,888			140,888	3.163	3.163	4,456,407
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	78,343			78,343	5.412	5.412	4,239,799
	TOTAL		228,789	0	0	228,789	4.009	4.009	9,171,567
Aug-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	16,796			16,796	4.930	4.930	827,948
	SOCO Franklin	--	143,140			143,140	3.180	3.180	4,551,883
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	80,497			80,497	5.415	5.415	4,359,261
	TOTAL		240,433	0	0	240,433	4.051	4.051	9,739,092
Sep-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	7,192			7,192	5.000	5.000	359,565
	SOCO Franklin	--	140,428			140,428	3.192	3.192	4,482,258
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	60,998			60,998	5.542	5.542	3,380,262
	TOTAL		208,618	0	0	208,618	3.941	3.941	8,222,085
Oct-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	21,556			21,556	5.519	5.519	1,189,713
	SOCO Franklin	--	113,605			113,605	3.182	3.182	3,614,676
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	67,308			67,308	6.144	6.144	4,135,121
	TOTAL		202,470	0	0	202,470	4.415	4.415	8,939,510
Nov-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	0			0	0.000	0.000	834
	SOCO Franklin	--	42,613			42,613	3.278	3.278	1,396,732
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	8,359			8,359	6.863	6.863	573,705
	TOTAL		50,972	0	0	50,972	3.867	3.867	1,971,271
Dec-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	0			0	0.000	0.000	834
	SOCO Franklin	--	18,152			18,152	3.471	3.471	630,124
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	1,433			1,433	10.223	10.223	146,474
	TOTAL		19,585	0	0	19,585	3.970	3.970	777,432
Jan-17	OTHER	--	0			0	0.000	0.000	-
THRU	Osprey (Calpine)	--	33,992			33,992	0.905	0.905	307,504
Dec-17	SHADY HILLS	--	123,842			123,842	4.930	4.930	6,105,311
	SOCO Franklin	--	1,162,174			1,162,174	3.205	3.205	37,243,116
	SOCO Scherer	--	0			0	0.000	0.000	(82,504)
	Vandolah (NSG)	--	559,853			559,853	5.648	5.648	31,621,685
TOTAL			1,879,861	0	0	1,879,861	4.000	4.000	75,195,110

Duke Energy Florida
Energy Payments to Qualifying Facilities
Estimated for the Period of : January through December 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	C/KWH (A) ENERGY COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(A)
Jan-17 Act	QUAL. FACILITIES	COGEN	301,021			301,021	4.527	12.513	13,627,016
Feb-17 Act	QUAL. FACILITIES	COGEN	285,360			285,360	4.369	12.608	12,466,965
Mar-17 Act	QUAL. FACILITIES	COGEN	258,994			258,994	4.079	13.165	10,563,523
Apr-17 Est	QUAL. FACILITIES	COGEN	282,323			282,323	4.400	12.892	12,423,394
May-17 Est	QUAL. FACILITIES	COGEN	311,925			311,925	4.413	12.099	13,765,922
Jun-17 Est	QUAL. FACILITIES	COGEN	289,514			289,514	4.527	12.807	13,104,864
Jul-17 Est	QUAL. FACILITIES	COGEN	305,059			305,059	4.538	12.397	13,844,917
Aug-17 Est	QUAL. FACILITIES	COGEN	301,285			301,285	4.554	12.512	13,721,547
Sep-17 Est	QUAL. FACILITIES	COGEN	288,344			288,344	4.524	12.838	13,044,101
Oct-17 Est	QUAL. FACILITIES	COGEN	274,814			274,814	4.459	13.183	12,254,997
Nov-17 Est	QUAL. FACILITIES	COGEN	298,170			298,170	4.227	12.267	12,603,219
Dec-17 Est	QUAL. FACILITIES	COGEN	307,731			307,731	4.335	12.126	13,341,249
TOTAL	QUAL. FACILITIES	COGEN	3,504,539			3,504,539	4.416	12.601	154,761,713

Duke Energy Florida
Economy Energy Purchases
Estimated for the Period of : January through December 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				TRANSACTION COST		TOTAL $	COST IF GENERATED		
MONTH	PURCHASE	TYPE & SCHED	TOTAL MWH PURCHASED	ENERGY COST C/KWH	TOTAL COST C/KWH	FOR FUEL ADJ (4) x (5)	(A) C/KWH	(B) $	FUEL SAVINGS (8)(B) - (7)
Jan-17	ECONPURCH	--	5,977	3.333	3.333	199,213	3.804	227,356	28,144
Act	SEPA	--	0	0.000	0.000	0	0.000	0	0
	TOTAL		5,977	3.333	3.333	199,213	3.804	227,356	28,144
Feb-17	ECONPURCH	--	18,240	2.374	2.374	433,012	2.941	536,419	103,406
Act	SEPA	--	212	3.770	3.770	7,992	3.770	7,992	0
	TOTAL		18,452	2.390	2.390	441,004	2.950	544,410	103,406
Mar-17	ECONPURCH	--	41,431	3.419	3.419	1,416,472	4.392	1,819,843	403,372
Act	SEPA	--	1,200	3.857	3.857	46,281	3.857	46,281	0
	TOTAL		42,631	3.431	3.431	1,462,753	4.377	1,866,124	403,372
Apr-17	ECONPURCH	--	6,019	4.559	4.559	274,414	5.824	350,525	76,111
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
	TOTAL		6,019	4.559	4.559	274,414	5.824	350,525	76,111
May-17	ECONPURCH	--	3,300	5.143	5.143	169,690	6.569	216,760	47,070
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
	TOTAL		3,300	5.143	5.143	169,690	6.569	216,760	47,070
Jun-17	ECONPURCH	--	1,956	5.236	5.236	102,408	6.689	130,807	28,399
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
	TOTAL		1,956	5.236	5.236	102,408	6.689	130,807	28,399
Jan-17	ECONPURCH	--	76,923	3.374	3.374	2,595,208	4.266	3,281,710	686,502
THRU	SEPA	--	1,412	3.844	3.844	54,273	3.844	54,273	0
Jun-17									
	TOTAL		78,335	3.382	3.382	2,649,481	4.259	3,335,983	686,502

Duke Energy Florida
Economy Energy Purchases
Estimated for the Period of : January through December 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				TRANSACTION COST		TOTAL $	COST IF GENERATED		
MONTH	PURCHASE	TYPE & SCHED	TOTAL MWH PURCHASED	ENERGY COST C/KWH	TOTAL COST C/KWH	FOR FUEL ADJ (4) x (5)	(A) C/KWH	(B) $	FUEL SAVINGS (8)(B) - (7)
Jul-17	ECONPURCH	--	3,047	5.321	5.321	162,117	6.797	207,099	44,982
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
	TOTAL		3,047	5.321	5.321	162,117	6.797	207,099	44,982
Aug-17	ECONPURCH	--	4,234	6.681	6.681	282,869	8.535	361,340	78,471
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
	TOTAL		4,234	6.681	6.681	282,869	8.535	361,340	78,471
Sep-17	ECONPURCH	--	4,468	5.085	5.085	227,210	6.496	290,220	63,010
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
	TOTAL		4,468	5.085	5.085	227,210	6.496	290,220	63,010
Oct-17	ECONPURCH	--	7,711	4.975	4.975	383,617	6.355	490,032	106,415
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
	TOTAL		7,711	4.975	4.975	383,617	6.355	490,032	106,415
Nov-17	ECONPURCH	--	2,337	4.252	4.252	99,387	5.432	126,960	27,573
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
	TOTAL		2,337	4.252	4.252	99,387	5.432	126,960	27,573
Dec-17	ECONPURCH	--	3,269	3.739	3.739	122,245	4.776	156,149	33,904
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
	TOTAL		3,269	3.739	3.739	122,245	4.776	156,149	33,904
Jan-17	ECONPURCH	--	101,989	3.797	3.797	3,872,653	4.818	4,913,510	1,040,857
THRU	SEPA	--	1,412	3.844	3.844	54,273	3.844	54,273	0
Dec-17									
	TOTAL		103,401	3.798	3.798	3,926,926	4.804	4,967,783	1,040,857

Duke Energy Florida
Fuel and Purchased Power Cost Recovery Clause
Residential Bill Comparison

	Current Apr-2017 ($/1000 kWh)	Proposed Midcourse Effective Jul-2017 ($/1000 KWH)	Difference from Current $	Difference from Current %
Base Rate	60.47	$60.47	$0.00	0.00%
Fuel Cost Recovery	33.77	42.50	8.73	25.85%
Capacity Cost Recovery (CCR)	11.38	11.38	0.00	0.00%
Energy Conservation Cost Recovery (ECCR)	3.17	3.17	0.00	0.00%
Environmental Cost Recovery (ECRC)	1.51	1.51	0.00	0.00%
Nuclear CR3 Uprate	1.56	1.56	0.00	0.00%
Nuclear Levy	0.00	0.00	0.00	0.00%
Asset Securitization Charge *	2.45	3.59	1.14	46.53%
Subtotal	114.31	124.18	9.87	8.63%
Gross Receipts Tax	2.93	3.18	0.25	8.53%
Total	$117.24	$127.36	$10.12	8.63%

* The July 2017 period includes a revision to the Asset Securitization Charge, which was filed separately with the Commission in Docket No. 150171-EI, for Staff administrative approval.

Duke Energy Florida
Calculation of Inverted Residential Fuel Factors

	Annual Units mWh	Levelized Fuel Rate Cents/kwh	Annual Fuel Revenues	Inverted Fuel Rates Cents/kwh	Annual Fuel Revenues
Residential Excluding TOU:					
0 - 1,000 kwh	7,752,295	4.547	$ 352,496,835	4.250	$ 329,499,427
Over 1,000 kwh	3,269,710	4.547	148,673,701	5.250	171,671,109
Total	11,022,004		$ 501,170,536		$ 501,170,536
Rate Differential by Tier - Cents per kWh				1.000	

Residential Sales:	
Total	11,022,566
Time of Use	562
Levelized	11,022,004

RATE SCHEDULE BA-1
BILLING ADJUSTMENTS

Applicable:

To the Rate Per Month provision in each of the Company's filed rate schedules which reference the billing adjustments set forth below.

COST RECOVERY FACTORS

Rate Schedule/Metering Level	Fuel Cost Recovery[1]			ECCR[2]		CCR[3]		ECRC[4]	ASC[5]
	Levelized ¢/ kWh	On-Peak ¢/ kWh	Off-Peak ¢/ kWh	¢/ kWh	$/ kW	¢/ kWh	$/ kW	¢/ kWh	¢/ kWh
RS-1, RST-1, RSL-1, RSL-2, RSS-1 (Sec.)		5.829	3.915	0.317	-	1.294	-	0.151	0.359
< 1000	4.250								
> 1000	5.250								
GS-1, GST-1									
Secondary	4.547	5.829	3.915	0.261	-	1.006	-	0.147	0.269
Primary	4.502	5.771	3.876	0.258	-	0.996	-	0.146	0.266
Transmission	4.456	5.713	3.837	0.256	-	0.986	-	0.144	0.264
GS-2 (Sec.)	4.547	-	-	0.204	-	0.708	-	0.139	0.192
GSD-1, GSDT-1, SS-1*									
Secondary	4.547	5.829	3.915	-	0.98	-	3.67	0.144	0.246
Primary	4.502	5.771	3.876	-	0.97	-	3.63	0.143	0.244
Transmission	4.456	5.713	3.837	-	0.96	-	3.60	0.141	0.241
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*									
Secondary	4.547	5.829	3.915	-	0.80	-	2.89	0.168	0.151
Primary	4.502	5.771	3.876	-	0.79	-	2.86	0.166	0.149
Transmission	4.456	5.713	3.837	-	0.78	-	2.83	0.165	0.148
IS-1, IST-1, IS-2, IST-2, SS-2*									
Secondary	4.547	5.829	3.915	-	0.82	-	2.83	0.137	0.186
Primary	4.502	5.771	3.876	-	0.81	-	2.80	0.136	0.184
Transmission	4.456	5.713	3.837	-	0.80	-	2.77	0.134	0.182
LS-1 (Sec.)	4.273	-	-	0.105	-	0.203	-	0.144	0.053
*SS-1, SS-2, SS-3									
Monthly									
Secondary	-	-	-	-	0.096	-	0.356	-	-
Primary	-	-	-	-	0.095	-	0.352	-	-
Transmission	-	-	-	-	0.094	-	0.349	-	-
Daily									
Secondary	-	-	-	-	0.046	-	0.170	-	-
Primary	-	-	-	-	0.046	-	0.168	-	-
Transmission	-	-	-	-	0.045	-	0.167	-	-
GSLM-1, GSLM-2	See appropriate General Service rate schedule								

(1) Fuel Cost Recovery Factor:
The Fuel Cost Recovery Factors applicable to the Fuel Charge under the Company's various rate schedules are normally determined annually by the Florida Public Service Commission for the billing months of January through December. These factors are designed to recover the costs of fuel and purchased power (other than capacity payments) incurred by the Company to provide electric service to its customers and are adjusted to reflect changes in these costs from one period to the next. Revisions to the Fuel Cost Recovery Factors within the described period may be determined in the event of a significant change in costs.

(2) Energy Conservation Cost Recovery Factor:
The Energy Conservation Cost Recovery (ECCR) Factor applicable to the Energy Charge under the Company's various rate schedules is normally determined annually by the Florida Public Service Commission for twelve-month periods beginning with the billing month of January. This factor is designed to recover the costs incurred by the Company under its approved Energy Conservation Programs and is adjusted to reflect changes in these costs from one period to the next. For time of use demand rates the ECCR charge will be included in the base demand only.

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RATE SCHEDULE BA-1
BILLING ADJUSTMENTS

Applicable:

To the Rate Per Month provision in each of the Company's filed rate schedules which reference the billing adjustments set forth below.

COST RECOVERY FACTORS

Rate Schedule/Metering Level	Fuel Cost Recovery(1)			ECCR(2)		CCR(3)		ECRC(4)	ASC(5)
	Levelized ¢/ kWh	On-Peak ¢/ kWh	Off-Peak ¢/ kWh	¢/ kWh	$/ kW	¢/ kWh	$/ kW	¢/ kWh	¢/ kWh
RS-1, RST-1, RSL-1, RSL-2, RSS-1 (Sec.)		4.5735.829	3.2453.915	0.317	-	1.294	-	0.151	0.245359
< 1000	3.3774.250								
> 1000	4.3775.250								
GS-1, GST-1									
Secondary	3.6674.547	4.5735.829	3.2453.915	0.261	-	1.006	-	0.147	0.189269
Primary	3.6304.502	4.5275.771	3.2133.876	0.258	-	0.996	-	0.146	0.187266
Transmission	3.5944.456	4.4825.713	3.1813.837	0.256	-	0.986	-	0.144	0.185264
GS-2 (Sec.)	3.6674.547	-	-	0.204	-	0.708	-	0.139	0.134192
GSD-1, GSDT-1, SS-1*									
Secondary	3.6674.547	4.5735.829	3.2453.915	-	0.98	-	3.67	0.144	0.172246
Primary	3.6304.502	4.5275.771	3.2133.876	-	0.97	-	3.63	0.143	0.170244
Transmission	3.5944.456	4.4825.713	3.1813.837	-	0.96	-	3.60	0.141	0.169241
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*									
Secondary	3.6674.547	4.5735.829	3.2453.915	-	0.80	-	2.89	0.168	0.105151
Primary	3.6304.502	4.5275.771	3.2133.876	-	0.79	-	2.86	0.166	0.104149
Transmission	3.5944.456	4.4825.713	3.1813.837	-	0.78	-	2.83	0.165	0.103148
IS-1, IST-1, IS-2, IST-2, SS-2*									
Secondary	3.6674.547	4.5735.829	3.2453.915	-	0.82	-	2.83	0.137	0.130186
Primary	3.6304.502	4.5275.771	3.2133.876	-	0.81	-	2.80	0.136	0.129184
Transmission	3.5944.456	4.4825.713	3.1813.837	-	0.80	-	2.77	0.134	0.127182
LS-1 (Sec.)	3.4944.273	-	-	0.105	-	0.203	-	0.144	0.037053
*SS-1, SS-2, SS-3									
Monthly									
Secondary	-	-	-	-	0.096	-	0.356	-	-
Primary	-	-	-	-	0.095	-	0.352	-	-
Transmission	-	-	-	-	0.094	-	0.349	-	-
Daily									
Secondary	-	-	-	-	0.046	-	0.170	-	-
Primary	-	-	-	-	0.046	-	0.168	-	-
Transmission	-	-	-	-	0.045	-	0.167	-	-
GSLM-1, GSLM-2	See appropriate General Service rate schedule								

(1) Fuel Cost Recovery Factor:

The Fuel Cost Recovery Factors applicable to the Fuel Charge under the Company's various rate schedules are normally determined annually by the Florida Public Service Commission for the billing months of January through December. These factors are designed to recover the costs of fuel and purchased power (other than capacity payments) incurred by the Company to provide electric service to its customers and are adjusted to reflect changes in these costs from one period to the next. Revisions to the Fuel Cost Recovery Factors within the described period may be determined in the event of a significant change in costs.

(2) Energy Conservation Cost Recovery Factor:

The Energy Conservation Cost Recovery (ECCR) Factor applicable to the Energy Charge under the Company's various rate schedules is normally determined annually by the Florida Public Service Commission for twelve-month periods beginning with the billing month of January. This factor is designed to recover the costs incurred by the Company under its approved Energy Conservation Programs and is adjusted to reflect changes in these costs from one period to the next. For time of use demand rates the ECCR charge will be included in the base demand only.

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