



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

April 22, 2019

VIA ELECTRONIC FILING

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Docket No. 20190001-EI

Dear Mr. Teitzman:

Attached for electronic filing in the above-referenced Docket on behalf of Duke Energy Florida, LLC, are Revised Schedules A4 for the reporting months of January 2019 and February 2019. Also attached are Schedules A1 through A9 and A12 for the reporting month of March 2019.

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

MRB/cmK
Attachments

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of Duke Energy Florida, LLC's Revised Schedules A4 for the months of January and February 2019 and Schedules A1-A9 and A12 for the month of March 2019 have been furnished to the following individuals via e-mail on this 22nd day of April, 2019.

/s/ Matthew R. Bernier

Attorney

<p>Suzanne Brownless / Johana Nieves Office of General Counsel FL Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us jnieves@psc.state.fl.us</p> <p>James Beasley / J. Jeffrey Wahlen Ausley McMullen P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com</p> <p>Steven Griffin Beggs & Lane P.O. Box 12950 Pensacola, FL 32591 srg@beggslane.com</p> <p>Russell A. Badders Gulf Power Company One Energy Place Pensacola, FL 32520 russell.badders@nexteraenergy.com</p> <p>Holly Henderson Gulf Power Company 215 S. Monroe St., Ste. 618 Tallahassee, FL 32301 holly.henderson@nexteraenergy.com</p> <p>Kenneth A. Hoffman Florida Power & Light Company 134 W. Jefferson Street Tallahassee, FL 32301-1713 ken.hoffman@fpl.com</p> <p>Jon C. Moyle, Jr. Moyle Law Firm, P.A. 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com; mqualls@moylelaw.com</p> <p>Beth Keating Gunster, Yoakley & Stewart, P.A. 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com</p>	<p>J.R. Kelly / P. Christensen / T. David / V. Ponder / S. Morse Office of Public Counsel 111 W. Madison St., Room 812 Tallahassee, FL 32399-1400 kelly.jr@leg.state.fl.us christensen.patty@leg.state.fl.us david.tad@leg.state.fl.us ponder.virginia@leg.state.fl.us morse.stephanie@leg.state.fl.us</p> <p>Ms. Paula K. Brown Regulatory Affairs Tampa Electric Company P.O. Box 111 Tampa, FL 33601-0111 regdept@tecoenergy.com</p> <p>Maria Moncada / Joel Baker Florida Power & Light Company 700 Universe Blvd. (LAW/JB) Juno Beach, FL 33408-0420 maria.moncada@fpl.com joel.baker@fpl.com</p> <p>James Brew / Laura Wynn Stone Law Firm 1025 Thomas Jefferson St., N.W. Suite 800 West Washington, DC 20007 jbrew@smxblaw.com law@smxblaw.com</p> <p>Robert Scheffel Wright / John T. LaVia, III c/o Gardner Law Firm 1300 Thomaswood Drive Tallahassee, FL 32308 schef@gbwlegal.com jlavia@gbwlegal.com</p> <p>Mike Cassel Florida Public Utilities Company 1750 S. 14th Street, Suite 200 Fernandina Beach, FL 32034 mcassel@fpuc.com</p>
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Duke Energy Florida, LLC's
Revised Schedule A4
January 2019

A-4 System Net Generation and Fuel Cost Report

Revised

Report Period : 1/1/2019 to 1/1/2019

Duke Energy Florida, LLC

Run Date: 2/21/2019 3:32:18 PM

(A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC (%)	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Hamilton Solar Facility													
TOTAL HSF 1	75	7,918.00	14			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	542.00	18			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	430.00	12			0				0	0	0.000	
Suwannee Solar Facility													
TOTAL UNIT 1	9	1,246.00	19			0				0	0	0.000	
TOTAL Solar	93	10,136.00				0				0	0	0.000	
Steam													
Anclote													
		29,624.00					Gas	325,824	1,024	333,644	1,573,399	5.311	4.829
TOTAL UNIT 1	511	29,624.00	8			11,263				333,644	1,573,399	5.311	
		86,713.00					Gas	962,697	1,024	985,802	4,648,850	5.361	4.829
TOTAL UNIT 2	514	86,713.00	23			11,369				985,802	4,648,850	5.361	
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		0.00				0				0	0	0.000	
TOTAL UNIT 2		0.00				0				0	0	0.000	
Crystal River 4 & 5													
		82,152.00					Coal	40,139	22,414	899,676	3,016,174	3.671	75.143
		0.00					No 2	3,116	5.701	17,764	385,642	0.000	123.762
TOTAL UNIT 4	721	82,152.00	15			11,168				917,440	3,401,816	4.141	
		185,022.00					Coal	89,176	22,415	1,998,844	6,700,972	3.622	75.143
		0.00					No 2	1,355	5.701	7,725	167,698	0.000	123.762
TOTAL UNIT 5	721	185,022.00	34			10,845				2,006,569	6,868,670	3.712	
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	2,467	383,511.00				11,065				4,243,454	16,492,735	4.000	

A-4 System Net Generation and Fuel Cost Report

Revised

Report Period : 1/1/2019 to 1/1/2019

Duke Energy Florida, LLC

Run Date: 2/21/2019 3:32:18 PM

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													
TOTAL APP	25	9.00	0			21,845	Gas	192	1.024	197	1,095	12.165	5.703
		9.00								197	1,095	12.165	
Bartow Combined Cycle													
TOTAL BCC	1,207	519,987.00	58			7,632	Gas	3,906,125	1.016	3,968,623	16,823,441	3.235	4.307
		519,987.00								3,968,623	16,823,441	3.235	
Bartow Peaker													
TOTAL BAP	223	347.37	1			16,822	No 2	1,023	5.712	5,843	106,440	30.642	104.047
		651.63					Gas	10,715	1.023	10,961	57,460	8.818	5.363
		999.00								16,805	163,900	16.406	
Bayboro Peaker													
TOTAL BYP	238	1,755.70	1			12,217	No 2	3,755	5.712	21,449	524,764	29.889	139.751
		1,756.00								21,449	524,764	29.889	
Citrus County													
TOTAL CCCC	1,862	939,648.00	68			6,794	Gas	6,240,759	1.023	6,384,296	41,286,481	4.394	6.616
		939,648.00								6,384,296	41,286,481	4.394	
Debarry Peaker													
TOTAL DEP	293	163.75	1			14,761	No 2	423	5.714	2,417	48,382	29.546	114.379
		1,167.25					Gas	16,842	1.023	17,229	91,526	7.841	5.434
		1,331.00								19,646	139,908	10.512	
Higgins Peaker													
TOTAL HGP	119	261.70	0			13,875	Gas	3,546	1.024	3,631	16,657	6.365	4.697
		262.00								3,631	16,657	6.365	
Hines Energy													
TOTAL HEP	2,188	958,454.00	59			7,248	Gas	6,831,122	1.017	6,947,251	30,565,725	3.189	4.474
		958,454.00								6,947,251	30,565,725	3.189	
Intercession City Peaker													
TOTAL ICP	945	87.88	2			13,204	No 2	200	5.802	1,160	19,790	22.521	98.952
		13,118.57					Gas	169,491	1.022	173,220	732,491	5.584	4.322
		13,206.00								174,380	752,281	5.696	
Osprey													
TOTAL OSP	600	45,485.00	10			7,572	Gas	337,657	1.020	344,410	1,460,929	3.212	4.327
		45,485.00								344,410	1,460,929	3.212	
Suwannee Peaker													
TOTAL SRP	203	122.52	2			14,196	No 2	299	5.817	1,739	27,498	22.443	91.968
		3,052.88					Gas	42,363	1.023	43,337	181,828	5.956	4.292
		3,175.00								45,077	209,326	6.592	
Univ of Florida Cogen													
TOTAL UFP	46	0.00				10,335	No 2	0	0.000	0	0	0.000	0.000
		35,034.50	102				Gas	353,611	1.024	362,098	1,539,722	4.395	4.354
		35,034.00								362,098	1,539,722	4.395	
TOTAL Gas Turbine	7,949	2,519,347.00				7,259				18,287,863	93,484,229	3.711	
SYSTEM TOTAL	10,467	2,912,993.75				7,735				22,531,317	109,976,964	3.775	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Revised
Report Period : 1/1/2019 to 1/1/2019

Run Date: 2/21/2019 3:32:18 PM

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC (%)	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Hamilton Solar Facility													
TOTAL HSF 1	75	7,918.00	14			0				0	0	0 000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	542.00	18			0				0	0	0 000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	430.00	12			0				0	0	0 000	
Suwannee Solar Facility													
TOTAL UNIT 1	9	1,246.00	19			0				0	0	0 000	
TOTAL Solar	93	10,136.00				0				0	0	0 000	
Steam													
Anclote													
		29,624.00					Gas	325,824	1 024	333,644	1,573,399	5 311	4.829
TOTAL UNIT 1	511	29,624.00	8			11,263				333,644	1,573,399	5 311	
		86,713.00					Gas	962,697	1 024	985,802	4,648,850	5 361	4.829
TOTAL UNIT 2	514	86,713.00	23			11,369				985,802	4,648,850	5 361	
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		0.00				0				0	0	0 000	
TOTAL UNIT 2		0.00				0				0	0	0 000	
Crystal River 4 & 5													
		82,152.00					Coal	40,139	22.414	899,676	3,016,174	3 671	75.143
		0.00					No 2	3,116	5.701	17,764	385,642	0 000	123.762
TOTAL UNIT 4	721	82,152.00	15			11,168				917,440	3,401,816	4.141	
		185,022.00					Coal	89,176	22.415	1,998,844	6,700,972	3 622	75.143
		0.00					No 2	1,355	5.701	7,725	167,698	0 000	123.762
TOTAL UNIT 5	721	185,022.00	34			10,845				2,006,569	6,868,670	3.712	
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	2,467	383,511.00				11,065				4,243,454	16,492,735	4 000	

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Duke Energy Florida, LLC

Revised
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Run Date: 2/21/2019 3:32:18 PM

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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													
TOTAL APP	25	9.00	0			21,845	Gas	192	1.024	197	1,095	12.165	5.703
		9.00								197	1,095	12.165	
Bartow Combined Cycle													
TOTAL BCC	1,207	519,987.00	58			7,632	Gas	3,906,125	1.016	3,968,623	16,823,441	3.235	4.307
		519,987.00								3,968,623	16,823,441	3.235	
Bartow Peaker													
TOTAL BAP	223	347.37	1			16,822	No 2	1,023	5.712	5,843	106,440	30.642	104.047
		651.63					Gas	10,715	1.023	10,961	57,460	8.818	5.363
		999.00								16,805	163,900	16.406	
Bayboro Peaker													
TOTAL BYP	238	1,755.70	1			12,217	No 2	3,755	5.712	21,449	524,764	29.889	139.751
		1,756.00								21,449	524,764	29.889	
Citrus County													
TOTAL CCCC	1,862	939,648.00	68			6,794	Gas	6,240,759	1.023	6,384,296	41,286,481	4.394	6.616
		939,648.00								6,384,296	41,286,481	4.394	
Debary Peaker													
TOTAL DEP	293	163.75	1			14,761	No 2	423	5.714	2,417	48,382	29.546	114.379
		1,167.25					Gas	16,842	1.023	17,229	91,526	7.841	5.434
		1,331.00								19,646	139,908	10.512	
Higgins Peaker													
TOTAL HGP	119	261.70	0			13,875	Gas	3,546	1.024	3,631	16,657	6.365	4.697
		262.00								3,631	16,657	6.365	
Hines Energy													
TOTAL HEP	2,188	958,454.00	59			7,248	Gas	6,831,122	1.017	6,947,251	30,565,725	3.189	4.474
		958,454.00								6,947,251	30,565,725	3.189	
Intercession City Peaker													
TOTAL ICP	945	87.88	2			13,204	No 2	200	5.802	1,160	19,790	22.521	98.952
		13,118.57					Gas	169,491	1.022	173,220	732,491	5.584	4.322
		13,206.00								174,380	752,281	5.696	
Osprey													
TOTAL OSP	600	45,485.00	10			7,572	Gas	337,657	1.020	344,410	1,460,929	3.212	4.327
		45,485.00								344,410	1,460,929	3.212	
Suwannee Peaker													
TOTAL SRP	203	122.52	2			14,196	No 2	299	5.817	1,739	27,498	22.443	91.968
		3,052.88					Gas	42,363	1.023	43,337	181,828	5.956	4.292
		3,175.00								45,077	209,326	6.592	
Univ of Florida Cogen													
TOTAL UFP	46	0.00	102			10,335	No 2	0	0.000	0	0	0.000	0.000
		35,034.50					Gas	353,611	1.024	362,098	1,539,722	4.395	4.354
		35,034.00								362,098	1,539,722	4.395	
TOTAL Gas Turbine	7,949	2,519,347.00				7,259				18,287,863	93,484,229	3.711	
SYSTEM TOTAL	10,467	2,912,993.75				7,735				22,531,317	109,976,964	3.775	

Duke Energy Florida, LLC's
Revised Schedule A4
February 2019

A-4 System Net Generation and Fuel Cost Report

Revised
Report Period : 2/1/2019 to 2/1/2019

Duke Energy Florida, LLC

Run Date: 3/11/2019 3:52:45 PM

(A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC (%)	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Hamilton Solar Facility													
TOTAL HSF 1	75	9,718.00	19			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	496.00	18			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	546.00	16			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,084.00	18			0				0	0	0.000	
TOTAL Solar	93	11,844.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		0.00				0				0	0	0.000	
		91,951.00					Gas	1,025,276	1.022	1,047,832	4,988,009	5.425	4.865
TOTAL UNIT 2	514	91,951.00	27			11,396				1,047,832	4,988,009	5.425	
Crystal River 1 & 2													
TOTAL UNIT 1		0.00				0				0	0	0.000	
TOTAL UNIT 2		0.00				0				0	0	0.000	
Crystal River 4 & 5													
		31,051.00					Coal	17,108	22.290	381,337	1,268,395	4.085	74.140
		0.00					No 2	1,843	5.701	10,507	230,342	0.000	124.982
TOTAL UNIT 4	721	31,051.00	6			12,619				391,844	1,498,737	4.827	
TOTAL UNIT 5		0.00				0				0	0	0.000	
TOTAL Steam	1,235	123,002.00				11,704				1,439,676	6,486,746	5.000	

A-4 System Net Generation and Fuel Cost Report

Revised
Report Period : 2/1/2019 to 2/1/2019

Duke Energy Florida, LLC

Run Date: 3/11/2019 3:52:45 PM

(A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC (%)	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Gas Turbine													
Avon Park Peaker													
TOTAL APP	0	0 00	0			0	Gas	0	0.000	0	(96)	0 000	0.000
		0 00				0				0	0	0 000	
Bartow Combined Cycle													
TOTAL BCC	1,207	458,412 00	57			7,689	Gas	3,476,128	1.014	3,524,794	14,403,924	3.142	4.144
		458,412 00				7,689				3,524,794	14,403,924	3.142	
Bartow Peaker													
TOTAL BAP	171	32 95	0			18,204	No 2	105	5.712	600	10,925	33.159	104.047
		420 05					Gas	7,482	1.022	7,647	36,311	8 644	4.853
		453 00				18,204				8,246	47,236	10.427	
Bayboro Peaker													
TOTAL BYP	121	65 50	0			13,604	No 2	156	5.712	891	21,774	33 243	139.580
		66 00				13,604				891	21,774	33 243	
Citrus County													
TOTAL CCCC	1,862	810,478 00	65			6,760	Gas	5,360,557	1.022	5,478,489	27,335,899	3 373	5.099
		810,478 00				6,760				5,478,489	27,335,899	3 373	
Debary Peaker													
TOTAL DEP	487	133 83	2			13,612	No 2	315	5.783	1,822	35,915	26 836	114.016
		4,976.17				13,612	Gas	66,150	1.024	67,738	324,175	6 515	4.901
		5,110 00				13,612				69,559	360,090	7 047	
Higgins Peaker													
TOTAL HGP	56	92 80	0			17,682	Gas	1,604	1.023	1,641	7,355	7 925	4.585
		93 00				17,682				1,641	7,355	7 925	
Hines Energy													
TOTAL HEP	2,188	1,013,255 00	69			7,237	Gas	7,210,843	1.017	7,333,427	30,248,426	2 985	4.195
		1,013,255 00				7,237				7,333,427	30,248,426	2 985	
Intercession City Peaker													
TOTAL ICP	945	804.11	1			13,326	No 2	1,847	5.802	10,716	182,392	22 683	98.751
		7,135 61				13,326	Gas	93,225	1.020	95,090	388,764	5.448	4.170
		7,940 00				13,326				105,805	571,156	7.194	
Osprey													
TOTAL OSP	600	44,737 00	11			7,459	Gas	327,807	1.018	333,708	1,363,831	3 049	4.160
		44,737 00				7,459				333,708	1,363,831	3 049	
Suwannee Peaker													
TOTAL SRP	203	80.70	1			14,632	No 2	203	5.817	1,181	18,669	23.133	91.968
		1,828 60				14,632	Gas	26,154	1.023	26,756	127,685	6 983	4.882
		1,909 00				14,632				27,936	146,354	7 665	
Univ of Florida Cogen													
TOTAL UFP	46	0 00	100			10,783	No 2	0	0.000	0	0	0 000	0.000
		31,037 00				10,783	Gas	327,140	1.023	334,664	1,334,948	4 301	4.081
		31,037 00				10,783				334,664	1,334,948	4 301	
TOTAL Gas Turbine	7,886	2,373,489 00				7,255				17,219,161	75,840,898	3.195	
SYSTEM TOTAL	9,172	2,508,335.32				7,439				18,658,838	82,327,645	3.282	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Revised

Report Period : 1/1/2019 to 2/1/2019

Run Date: 3/12/2019 9:04:45 AM

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 (\$)
Solar													
Hamilton Solar Facility													
TOTAL HSF 1	75	17,636.00	17			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	1,038.00	36			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	976.00	27			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	2,330.00	36			0				0	0	0.000	
TOTAL Solar	93	21,980.00				0				0	0	0.000	
Steam													
Anclote													
		29,624.00					Gas	325,824	1 024	333,644	1,573,399	5.311	4.829
TOTAL UNIT 1	511	29,624.00	4			11,263				333,644	1,573,399	5.311	
		178,664.00					Gas	1,987,973	1 023	2,033,634	9,636,859	5.394	4.848
TOTAL UNIT 2	514	178,664.00	25			11,382				2,033,634	9,636,859	5.394	
Crystal River 1 & 2													
TOTAL UNIT 1		0.00				0				0	0	0.000	
TOTAL UNIT 2		0.00				0				0	0	0.000	
Crystal River 4 & 5													
		113,203.00					Coal	57,247	22 377	1,281,013	4,284,569	3.785	74.844
		0.00					No 2	4,959	5.701	28,271	615,985	0.000	124.216
TOTAL UNIT 4	721	113,203.00	11			11,566				1,309,284	4,900,553	4.329	
		185,022.00					Coal	89,176	22.415	1,998,844	6,700,972	3.622	75.143
		0.00					No 2	1,355	5.701	7,725	167,698	0.000	123.762
TOTAL UNIT 5	721	185,022.00	18			10,845				2,006,569	6,868,670	3.712	
TOTAL Steam	1,235	506,513.00				11,220				5,683,131	22,979,482	4.537	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Revised

Report Period : 1/1/2019 to 2/1/2019

Run Date: 3/12/2019 9:04:45 AM

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													
TOTAL APP	25	9.00	0			21,845	Gas	192	1.024	197	999	11.102	5.204
		9.00								197	999	11.102	
Bartow Combined Cycle													
TOTAL BCC	1,207	978,399.00	57			7,659	Gas	7,382,253	1.015	7,493,417	31,227,365	3.192	4.230
		978,399.00								7,493,417	31,227,365	3.192	
Bartow Peaker													
TOTAL BAP	223	373.45	0			17,253	No 2	1,128	5.712	6,443	117,365	31.427	104.047
		1,078.55					Gas	18,197	1.023	18,608	93,771	8.694	5.153
		1,452.00								25,051	211,136	14.541	
Bayboro Peaker													
TOTAL BYP	238	1,821.20	1			12,266	No 2	3,911	5.712	22,340	546,538	30.010	139.744
		1,821.00								22,340	546,538	30.010	
Citrus County													
TOTAL CCCC	1,862	1,750,126.00	66			6,778	Gas	11,601,316	1.023	11,862,786	68,622,380	3.921	5.915
		1,750,126.00								11,862,786	68,622,380	3.921	
Debary Peaker													
TOTAL DEP	487	306.06	1			13,850	No 2	738	5.744	4,239	84,297	27.543	114.224
		6,134.94					Gas	82,992	1.024	84,967	415,701	6.776	5.009
		6,441.00								89,206	499,998	7.763	
Higgins Peaker													
TOTAL HGP	119	354.50	0			14,872	Gas	5,150	1.024	5,272	24,012	6.773	4.663
		354.00								5,272	24,012	6.773	
Hines Energy													
TOTAL HEP	2,188	1,971,709.00	64			7,243	Gas	14,041,965	1.017	14,280,678	60,814,151	3.084	4.331
		1,971,709.00								14,280,678	60,814,151	3.084	
Intercession City Peaker													
TOTAL ICP	945	896.30	2			13,250	No 2	2,047	5.802	11,876	202,183	22.557	98.770
		20,249.87					Gas	262,716	1.021	268,309	1,121,255	5.537	4.268
		21,146.00								280,185	1,323,437	6.259	
Osprey													
TOTAL OSP	600	90,222.00	11			7,516	Gas	665,464	1.019	678,118	2,824,760	3.131	4.245
		90,222.00								678,118	2,824,760	3.131	
Suwannee Peaker													
TOTAL SRP	203	203.36	2			14,359	No 2	502	5.817	2,920	46,168	22.702	91.968
		4,881.34					Gas	68,517	1.023	70,093	309,513	6.341	4.517
		5,085.00								73,013	355,680	6.995	
Univ of Florida Cogen													
TOTAL UFP	46	0.00	101			10,546	No 2	0	0.000	0	0	0.000	0.000
		66,071.50					Gas	680,751	1.024	696,762	2,874,671	4.351	4.223
		66,072.00								696,762	2,874,671	4.351	
TOTAL Gas Turbine	8,143	4,892,836.00				7,257				35,507,024	169,325,127	3.461	
SYSTEM TOTAL	9,429	5,421,329.07				7,598				41,190,155	192,304,609	3.547	

Duke Energy Florida, LLC's
Schedules A1-A9 & A12
March 2019

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

MARCH 2019

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	91,917,642	99,074,057	(7,156,415)	(7.2)	2,724,272	2,825,658	(101,386)	(3.6)	3.3740	3.5062	(0.1322)	(3.8)
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	1,232,397	1,202,191	30,207	2.5	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	93,150,039	100,276,248	(7,126,209)	(7.1)	2,724,272	2,825,658	(101,386)	(3.6)	3.4193	3.5488	(0.1295)	(3.7)
5 ENERGY COST OF PURCHASED POWER - F RM (SCH A7)	5,132,188	2,340,555	2,791,633	119.3	102,062	65,104	36,958	56.8	5.0285	3.5951	1.4334	39.9
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	250,203	225,982	24,221	10.7	6,042	5,836	206	3.5	4.1410	3.8723	0.2687	6.9
8 PAYMENTS TO QUAL FYING FAC LITIES (SCH A8)	7,328,667	10,456,333	(3,127,666)	(29.9)	193,577	237,094	(43,517)	(18.4)	3.7859	4.4102	(0.6243)	(14.2)
9 TOTAL COST OF PURCHASED POWER	12,711,057	13,022,870	(311,812)	(2.4)	301,681	308,034	(6,353)	(2.1)	4.2134	4.2277	(0.0143)	(0.3)
10 TOTAL AVA LABLE MWH					3,025,953	3,133,692	(107,739)	(3.4)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(264,257)	(66,519)	(197,738)	297.3	(7,628)	(2,223)	(5,405)	243.1	3.4643	2.9920	0.4723	15.8
11a GA N ON OTHER POWER SALES - 100% (SCH A6)	(125,420)	(18,503)	(106,917)	577.8	(7,628)	(2,223)	(5,405)	243.1	1.6442	0.8323	0.8119	97.6
11b GA N 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	(1,867,338)	(1,786,362)	(80,976)	4.5	(114,578)	(111,435)	(3,143)	2.8	1.6298	1.6031	0.0267	1.7
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(2,257,015)	(1,871,384)	(385,631)	20.6	(122,206)	(113,658)	(8,548)	7.5	1.8469	1.6465	0.2004	12.2
14 NET INADVERTENT AND WHEELED NTERCHANGE					18,908	0	18,908					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	103,604,081	111,427,734	(7,823,652)	(7.0)	2,922,655	3,020,034	(97,379)	(3.2)	3.5449	3.6896	(0.1447)	(3.9)
16 NET UNB LLED	(658,623)	3,772,022	(4,430,645)	(117.5)	18,580	(102,233)	120,813	(118.2)	(0.0236)	0.1378	(0.1614)	(117.1)
17 COMPANY USE	363,652	490,835	(127,183)	(25.9)	(10,259)	(13,303)	3,045	(22.9)	0.0130	0.0179	(0.0049)	(27.4)
18 T & D LOSSES	4,883,602	6,136,906	(1,253,304)	(20.4)	(137,766)	(166,329)	28,563	(17.2)	0.1748	0.2241	(0.0493)	(22.0)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	103,604,081	111,427,734	(7,823,652)	(7.0)	2,793,210	2,738,168	55,042	2.0	3.7091	4.0694	(0.3603)	(8.9)
20 WHOLESALE KWH SALES (EXCLUD NG STRAT FIED SALES)	(455,858)	(479,139)	23,281	(4.9)	(12,252)	(11,715)	(536)	4.6	3.7208	4.0898	(0.3690)	(9.0)
21 JURISDICTIONAL KWH SALES	103,148,223	110,948,594	(7,800,371)	(7.0)	2,780,959	2,726,453	54,506	2.0	3.7091	4.0693	(0.3602)	(8.9)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR L NE LOSS - 1.00034	103,183,294	110,982,988	(7,799,695)	(7.0)	2,780,959	2,726,453	54,506	2.0	3.7103	4.0706	(0.3603)	(8.9)
23 PRIOR PERIOD TRUE-UP	12,370,910	12,370,910	(0)	0.0	2,780,959	2,726,453	54,506	2.0	0.4448	0.4537	(0.0089)	(2.0)
24 TOTAL JURISDICTIONAL FUEL COST	115,554,203	123,353,898	(7,799,695)	(6.3)	2,780,959	2,726,453	54,506	2.0	4.1551	4.5243	(0.3692)	(8.2)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									4.1581	4.5276	(0.3695)	(8.2)
27 GP F	(191,794)	(191,794)			2,780,959	2,726,453			(0.0069)	(0.0070)	0.0001	(1.4)
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.151	4.521	(0.369)	(8.2)

*Line 11a. MWH Data for Infomational Purposes Only
*Line 16 and 18. \$ Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - MARCH 2019

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	284,222,251	301,978,886	(17,756,635)	(5.9)	8,145,601	8,546,530	(400,929)	(4.7)	3.4893	3.5334	(0.0441)	(1.3)
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	3,806,159	3,619,998	186,161	5.1	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	288,028,410	305,598,884	(17,570,474)	(5.8)	8,145,601	8,546,530	(400,929)	(4.7)	3.5360	3.5757	(0.0397)	(1.1)
5 ENERGY COST OF PURCHASED POWER - F RM (SCH A7)	11,491,101	3,610,295	7,880,806	218.3	235,577	90,851	144,726	159.3	4.8779	3.9739	0.9040	22.8
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	674,642	404,677	269,965	66.7	18,571	10,228	8,343	81.6	3.6328	3.9565	(0.3237)	(8.2)
8 PAYMENTS TO QUAL FYING FAC LITIES (SCH A8)	25,838,549	32,348,167	(6,509,618)	(20.1)	638,537	760,022	(121,485)	(16.0)	4.0465	4.2562	(0.2097)	(4.9)
9 TOTAL COST OF PURCHASED POWER	38,004,292	36,363,139	1,641,153	4.5	892,685	861,101	31,584	3.7	4.2573	4.2229	0.0344	0.8
10 TOTAL AVA LABLE MWH					9,038,286	9,407,631	(369,345)	(3.9)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(987,894)	(2,259,242)	1,271,348	(56.3)	(33,121)	(60,807)	27,686	(45.5)	2.9827	3.7154	(0.7327)	(19.7)
11a GA N ON OTHER POWER SALES - 100% (SCH A6)	(360,010)	(628,427)	268,417	(42.7)	(33,121)	(60,807)	27,686	(45.5)	1.0870	1.0335	0.0535	5.2
11b GA N 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	(5,487,666)	(4,481,838)	(1,005,829)	22.4	(299,300)	(289,306)	(9,994)	3.5	1.8335	1.5492	0.2843	18.4
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(6,835,571)	(7,369,507)	533,936	(7.3)	(332,421)	(350,113)	17,692	(5.1)	2.0563	2.1049	(0.0486)	(2.3)
14 NET INADVERTENT AND WHEELED NTERCHANGE					46,964	0	46,964					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	319,197,132	334,592,516	(15,395,384)	(4.6)	8,752,829	9,057,518	(304,689)	(3.4)	3.6468	3.6941	(0.0473)	(1.3)
16 NET UNB LLED	(8,447,663)	(1,041,199)	(7,406,464)	711.3	231,647	28,971	202,676	699.6	(0.1028)	(0.0122)	(0.0906)	742.6
17 COMPANY USE	1,832,220	1,562,167	270,053	17.3	(50,242)	(42,281)	(7,961)	18.8	0.0223	0.0183	0.0040	21.9
18 T & D LOSSES	26,024,307	18,411,717	7,612,590	41.4	(713,623)	(498,412)	(215,211)	43.2	0.3166	0.2154	0.1012	47.0
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	319,197,132	334,592,516	(15,395,384)	(4.6)	8,220,611	8,545,796	(325,185)	(3.8)	3.8829	3.9153	(0.0324)	(0.8)
20 WHOLESALE KWH SALES (EXCLUD NG STRAT FIED SALES)	(1,983,398)	(1,699,022)	(284,376)	16.7	(50,533)	(43,107)	(7,426)	17.2	3.9250	3.9414	(0.0164)	(0.4)
21 JURISDICTIONAL KWH SALES	317,213,734	332,893,495	(15,679,760)	(4.7)	8,170,078	8,502,689	(332,611)	(3.9)	3.8826	3.9152	(0.0326)	(0.8)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR L NE LOSS - 1.00034	317,317,923	332,996,692	(15,678,768)	(4.7)	8,170,078	8,502,689	(332,611)	(3.9)	3.8839	3.9164	(0.0325)	(0.8)
23 PRIOR PERIOD TRUE-UP	37,112,729	37,112,730	(1)	0.0	8,170,078	8,502,689	(332,611)	(3.9)	0.4543	0.4365	0.0178	4.1
24 TOTAL JURISDICTIONAL FUEL COST	354,430,652	370,109,422	(15,678,769)	(4.2)	8,170,078	8,502,689	(332,611)	(3.9)	4.3382	4.3529	(0.0147)	(0.3)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									4.3413	4.3560	(0.0147)	(0.3)
27 GP F	(575,381)	(575,382)			8,170,078	8,502,689			(0.0070)	(0.0068)	(0.0002)	97.1
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.334	4.349	(0.015)	(0.3)

*Line 11a. MWH Data for Infomational Purposes Only
*Line 16 and 18. \$ Data for Infomational Purposes Only

**DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
MARCH 2019**

	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	\$91,917,642	99,074,057	(\$7,156,415)	(7.2)	\$284,222,251	\$301,978,886	(\$17,756,635)	(5.9)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(264,257)	(66,519)	(197,738)	297.3	(987,894)	(2,259,242)	1,271,348	(56.3)
2a. GA N ON POWER SALES	(125,420)	(18,503)	(106,917)	577.8	(360,010)	(628,427)	268,417	(42.7)
3 . FUEL COST OF PURCHASED POWER	5,132,188	2,340,555	2,791,633	119.3	11,491,101	3,610,295	7,880,806	218.3
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	7,328,667	10,456,333	(3,127,666)	(29.9)	25,838,549	32,348,167	(6,509,618)	(20.1)
4 . ENERGY COST OF ECONOMY PURCHASES	250,203	225,982	24,221	10.7	674,642	404,677	269,965	66.7
5 . TOTAL FUEL & NET POWER TRANSACTIONS	104,239,022	112,011,905	(7,772,883)	(6.9)	320,878,639	335,454,356	(14,575,717)	(4.4)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(1,867,338)	(1,786,362)	(80,976)	4.5	(5,487,666)	(4,481,838)	(1,005,829)	22.4
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,232,397	1,202,191	30,207	2.5	3,806,159	3,619,998	186,161	5.1
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$103,604,081	\$111,427,734	(\$7,823,652)	(7.0)	\$319,197,132	\$334,592,516	(\$15,395,384)	(4.6)

FOOTNOTE: DETAIL OF LINE 6b ABOVE

N/A - Not used	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N/A - Not used	0	0	0	0	0	0	0
UNIVERSITY OF FLOR DA STEAM REVENUE ALLOCATION (Wholesale Portion)	440	0	440	1,850	0	1,850	
FDP AGREEMENT TERM NATION	0	0	0	0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0	0	0	0	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	0	0	0	
FDP AGREEMENT TERM NATION	1,231,957	0	1,231,957	3,713,716	0	3,713,716	
RA L CAR SALE PROCEEDS	0	0	0	0	0	0	
N/A - Not used	0	0	0	0	0	0	
NET METER SETTLEMENT	0	0	0	90,593	0	90,593	
N/A - Not used	0	0	0	0	0	0	
Derivative Collateral Interest	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$1,232,397	\$0	\$1,232,397	\$3,806,159	\$0	\$3,806,159	

B. KWH SALES								
1 . JURISDICTIONAL SALES	2,780,958,947	2,726,452,691	54,506,256	2.0	8,170,077,848	8,502,688,748	(332,610,900)	(3.9)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	12,251,534	11,715,333	536,201	4.6	50,532,877	43,107,192	7,425,685	17.2
3 . TOTAL SALES	2,793,210,481	2,738,168,024	55,042,457	2.0	8,220,610,725	8,545,795,940	(325,185,215)	(3.8)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.56	99.57	(0.01)	(0.0)	99.39	99.50	(0.11)	(0.1)

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
MARCH 2019

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$108,046,001	\$108,135,050	(\$89,049)	(0.1)	\$319,053,081	\$337,228,912	(\$18,175,831)	(5.4)
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(12,370,910)	(12,370,910)	0	0.0	(37,112,729)	(37,112,730)	1	0.0
2b. NCENTIVE PROVISION	191,794	191,794	(0)	0.0	575,381	575,382	(1)	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	95,866,885	95,955,934	(89,049)	(0.1)	282,515,734	300,691,564	(18,175,830)	(6.0)
4. ADJ TOTAL FUEL & NET PWR TRNS (L NE A7)	103,604,081	111,427,734	(7,823,652)	(7.0)	319,197,132	334,592,516	(15,395,384)	(4.6)
5. JURISDICTIONAL SALES % OF TOT SALES (L NE B4)	99.56	99.57	(0.01)	(0.0)	99.39	99.50	(0.11)	(0.1)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (L NE C4 * LINE C5 * 1.00034 LOSS MULT PL ER)	103,183,294	110,982,988	(7,799,695)	(7.0)	317,317,923	332,996,692	(15,678,768)	(4.7)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (L NE C3 - C6)	(7,316,409)	(15,027,054)	7,710,646	(51.3)	(34,802,190)	(32,305,128)	(2,497,062)	7.7
8. NTEREST PROVISION FOR THE MONTH (L NE D10)	(416,054)	(228,196)	(187,858)	82.3	(1,267,697)	(701,305)	(566,391)	80.8
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(206,475,195)	(141,333,084)	(65,142,111)	46.1	(202,879,590)	(148,323,721)	(54,555,869)	36.8
10. TRUE UP COLLECTED (REFUNDED)	12,370,910	12,370,910	(0)	0.0	37,112,729	37,112,730	(1)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(201,836,748)	(144,217,424)	(57,619,323)	40.0	(201,836,748)	(144,217,424)	(57,619,323)	40.0
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (L NES C11 + C12)	(\$201,836,748)	(144,217,424)	(57,619,323)	40.0	(\$201,836,748)	(144,217,424)	(57,619,323)	40.0
D. NTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$206,475,195)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(201,420,694)	N/A	--	--				
3. TOTAL OF BEGINNING & END NG TRUE UP	(407,895,889)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF L NE D3)	(203,947,944)	N/A	--	--				
5. NTEREST RATE - F RST DAY OF REPORTING MONTH	2.410	N/A	--	--				
6. NTEREST RATE - F RST DAY OF SUBSEQUENT MONTH	2.480	N/A	--	--				
7. TOTAL (L NE D5 + LINE D6)	4.890	N/A						
8. AVERAGE INTEREST RATE (50% OF L NE D7)	2.445	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.204	N/A	--	--				
10. NTEREST PROVISION (LINE D4 * L NE D9)	(\$416,054)	N/A	--	--				

NOT

A-3 Generating System Comparative Data Report

Final

Duke Energy Florida, LLC

Report Period : 3/1/2019 to 3/1/2019

Run Date: 4/10/2019 3:57:45 PM

	<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)					
1 - HEAVY O L		0	0	0	0.0 %
2 - LIGHT OIL		923,169	116,318	806,851	693.7 %
3 - COAL		11,151,969	13,670,390	(2,518,421)	(18.4 %)
4 - GAS		79,842,503	85,287,349	(5,444,846)	(6.4 %)
5 - NUCLEAR		0	0	0	0.0 %
6		0	0	0	0.0 %
7		0	0	0	0.0 %
8 - TOTAL (\$)		91,917,642	99,074,057	(7,156,415)	(7.2 %)
SYSTEM NET GENERATION (MWH)					
9 - HEAVY O L		0	0	0	0.0 %
10 - LIGHT O L		1,765	12	1,753	14604.3 %
11 - COAL		322,808	408,463	(85,655)	(21.0 %)
12 - GAS		2,380,552	2,395,842	(15,290)	(0.6 %)
13 - NUCLEAR		0	0	0	0.0 %
14 - SOLAR		19,147	21,340	(2,193)	(10.3 %)
15		0	0	0	0.0 %
16 - TOTAL (MWH)		2,724,272	2,825,657	(101,385)	(3.6 %)
UNITS OF FUEL BURNED					
17 - HEAVY OIL (BBL)		0	0	0	0.0 %
18 - LIGHT O L (BBL)		8,488	387	8,101	2093.3 %
19 - COAL (TON)		143,944	181,616	(37,672)	(20.7 %)
20 - GAS (MCF)		17,286,942	17,835,110	(548,168)	(3.1 %)
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 O L		48,952	2,256	46,696	2069.9 %
26 - COAL		3,208,512	4,222,673	(1,014,161)	(24.0 %)
27 - GAS		17,589,544	17,835,110	(245,566)	(1.4 %)
28 - NUCLEAR		0	0	0	0.0 %
29		0	0	0	0.0 %
30		0	0	0	0.0 %
31 - TOTAL (M LLION BTU)		20,847,008	22,060,039	(1,213,031)	(5.5 %)
GENERATION MIX (% MWH)					
32 - HEAVY OIL		0.0	0.00	0.0	0.0 %
33 - LIGHT O L		0.1	0.00	0.1	15151.5 %
34 - COAL		11.8	14.46	(2.6)	(18.0 %)
35 - GAS		87.4	84.79	2.6	3.1 %
36 - NUCLEAR		0.0	0.00	0.0	0.0 %
37 - SOLAR		0.70	0.76	(0.05)	(6.9 %)
38		0	0	0	0
39 - TOTAL (% MWH)		100.0	100.0	0.0	0.0 %

A-3 Generating System Comparative Data Report

Final

Duke Energy Florida, LLC

Report Period : 3/1/2019 to 3/1/2019

Run Date: 4/10/2019 3:57:45 PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0 00	0.00	0 00	0.0 %
41 - LIGHT O L (\$/BBL)	108.76	300.56	(191 80)	(63.8 %)
42 - COAL (\$/TON)	77.47	75.27	2 20	2.9 %
43 - GAS (\$/MCF)	4 62	4.78	(0.16)	(3.4 %)
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 O L	18 86	51.56	(32.70)	(63.4 %)
49 - COAL	3.48	3.24	0 24	7.4 %
50 - GAS	4.54	4.78	(0 24)	(5.1 %)
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 %
54 - SYSTEM (\$/MBTU)	4.41	4.49	(0 08)	(1.8 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT O L	27,743	188,000	(160,257)	(85.2 %)
57 - COAL	9,939	10,338	(399)	(3.9 %)
58 - GAS	7,389	7,444	(55)	(0.7 %)
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,652	7,807	(155)	(2.0 %)
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0 00	0.00	0 00	0.0 %
64 - LIGHT O L	52 32	969.32	(917 00)	(94.6 %)
65 - COAL	3.45	3.35	0.11	3.2 %
66 - GAS	3 35	3.56	(0 21)	(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 %
70 - SYSTEM (CENTS/KWH)	3 37	3.51	(0.13)	(3.8 %)

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period : 1/1/2019 to 3/1/2019

Run Date: 4/10/2019 4:31:14 PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY O L	0	0	0	0.0 %
2 - LIGHT OIL	2,703,402	396,951	2,306,451	581.0 %
3 - COAL	22,137,510	63,976,275	(41,838,765)	(65.4 %)
4 - GAS	259,381,339	237,605,660	21,775,679	9.2 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	284,222,251	301,978,886	(17,756,635)	(5.9 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY O L	0	0	0	0.0 %
10 - LIGHT O L	8,571	75	8,496	11328.4 %
11 - COAL	617,897	1,929,913	(1,312,016)	(68.0 %)
12 - GAS	7,478,005	6,564,007	913,998	13.9 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	41,127	52,534	(11,407)	(21.7 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	8,145,600	8,546,529	(400,929)	(4.7 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT O L (BBL)	23,127	1,694	21,433	1265.2 %
19 - COAL (TON)	290,367	851,053	(560,686)	(65.9 %)
20 - GAS (MCF)	54,410,252	47,464,047	6,946,205	14.6 %
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 O L	132,766	9,875	122,891	1244.5 %
26 - COAL	6,488,369	19,829,804	(13,341,435)	(67.3 %)
27 - GAS	55,416,028	47,464,047	7,951,981	16.8 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (M LLION BTU)	62,037,163	67,303,726	(5,266,563)	(7.8 %)
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT O L	0.1	0.00	0.1	11891.0 %
34 - COAL	7.6	22.58	(15.0)	(66.4 %)
35 - GAS	91.8	76.80	15.0	19.5 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	0.50	0.61	(0.11)	(17.9 %)
38	0	0	0	0.0 %
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period : 1/1/2019 to 3/1/2019

Run Date: 4/10/2019 4:31:14 PM

FUEL COST PER UNIT (\$)

40 - HEAVY OIL (\$/BBL)	0.00	0 00	0.00	0.0 %
41 - LIGHT O L (\$/BBL)	116.89	234 33	(117.43)	(50.1 %)
42 - COAL (\$/TON)	76.24	75.17	1.07	1.4 %
43 - GAS (\$/MCF)	4.77	5 01	(0.24)	(4.8 %)
44 - NUCLEAR (\$/MBTU)	0.00	0 00	0.00	0.0 %
45	0.00	0 00	0.00	0.0 %
46	0.00	0 00	0.00	0.0 %

FUEL COST PER MILLION BTU (\$/MILLION BTU)

47 - HEAVY OIL	0.00	0 00	0.00	0.0 %
48 - LIGHT O L	20.36	40 20	(19.84)	(49.3 %)
49 - COAL	3.41	3 23	0.19	5.8 %
50 - GAS	4.68	5 01	(0.33)	(6.5 %)
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 %
54 - SYSTEM (\$/MBTU)	4.58	4.49	0.09	2.1 %

BTU BURNED PER KWH (BTU/KWH)

55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT O L	15,490	131,667	(116,177)	(88.2 %)
57 - COAL	10,501	10,275	226	2.2 %
58 - GAS	7,411	7,231	180	2.5 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,616	7,875	(259)	(3.3 %)

GENERATED FUEL COST PER KWH (CENTS/KWH)

63 - HEAVY OIL	0.00	0 00	0.00	0.0 %
64 - LIGHT O L	31.54	529 27	(497.73)	(94.0 %)
65 - COAL	3.58	3 31	0.27	8.1 %
66 - GAS	3.47	3 62	(0.15)	(4.2 %)
67 - NUCLEAR	0.00	0 00	0.00	0.0 %
68	0.00	0 00	0.00	0.0 %
69	0.00	0 00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	3.49	3.53	(0.04)	(1.2 %)

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period : 3/1/2019 to 3/1/2019

Run Date: 4/10/2019 4:01:54 PM

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC (%)	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Hamilton Solar Facility													
TOTAL HSF 1	75	15,974.00	29			0				0	0	0 000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	521.00	18			0				0	0	0 000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	907.00	24			0				0	0	0 000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,745.00	26			0				0	0	0 000	
TOTAL Solar	93	19,147.00				0				0	0	0 000	
Steam													
Anclote													
TOTAL UNIT 1		0.00				0				0	0	0 000	
		105,106.00					Gas	1,165,355	1.022	1,190,993	6,235,944	5.933	5.351
TOTAL UNIT 2	514	105,106.00	27			11,331				1,190,993	6,235,944	5.933	
Crystal River 1 & 2													
TOTAL UNIT 1		0.00				0				0	0	0 000	
TOTAL UNIT 2		0.00				0				0	0	0 000	
Crystal River 4 & 5													
		323,578.00					Coal	143,944	22.290	3,208,512	11,151,969	3.446	77.474
		0.00					No 2	1,333	5.742	7,654	168,265	0 000	126.231
TOTAL UNIT 4	721	323,578.00	60			9,939				3,216,166	11,320,235	3.498	
TOTAL UNIT 5		0.00				0				0	0	0 000	
TOTAL Steam	1,235	428,684.00				10,281				4,407,159	17,556,178	4 000	

A-4 System Net Generation and Fuel Cost Report

Report Period : 3/1/2019 to 3/1/2019

Duke Energy Florida, LLC

Run Date: 4/10/2019 4:01:54 PM

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													
		144.00					No 2	423	5.816	2,460	44,094	30.621	104.241
		778.30					Gas	13,024	1.021	13,298	69,626	8.946	5.346
TOTAL APP	50	922.00	2			17,085				15,758	113,720	12.330	
Bartow Combined Cycle													
TOTAL BCC	992	365,538.00	50			7,545	Gas	2,719,852	1.014	2,757,930	12,087,662	3.307	4.444
		365,538.00								2,757,930	12,087,662	3.307	
Bartow Peaker													
TOTAL BAP	170	1,304.00	1			23,686	No 2	1,915	5.712	10,938	199,250	43.145	104.047
		461.81					Gas	19,557	1.020	19,948	104,450	12.402	5.341
		842.19								30,887	303,700	23.290	
Bayboro Peaker													
TOTAL BYP	178	70.00	0			45,436	No 2	560	5.712	3,199	78,260	111.165	139.751
		70.40								3,199	78,260	111.165	
Citrus County													
TOTAL CCCC	1,862	1,021,498.00	74			6,804	Gas	6,820,502	1.019	6,950,092	32,496,623	3.181	4.765
		1,021,498.00								6,950,092	32,496,623	3.181	
Debary Peaker													
TOTAL DEP	423	5,400.00	2			14,190	No 2	609	5.768	3,513	69,657	28.137	114.379
		247.57					Gas	71,540	1.022	73,114	382,818	7.430	5.351
		5,152.43								76,627	452,475	8.379	
Higgins Peaker													
TOTAL HGP	99	218.00	0			8,376	Gas	1,790	1.021	1,828	9,571	4.386	5.347
		218.20								1,828	9,571	4.386	
Hines Energy													
TOTAL HEP	2,188	795,138.00	49			7,284	Gas	5,700,229	1.016	5,791,433	24,794,032	3.118	4.350
		795,138.00								5,791,433	24,794,032	3.118	
Intercession City Peaker													
TOTAL ICP	850	12,072.00	2			13,223	No 2	715	5.802	4,148	70,663	22.525	98.829
		313.70					Gas	152,580	1.019	155,479	681,716	5.798	4.468
		11,758.05								159,627	752,379	6.233	
Osprey													
TOTAL OSP	600	35,155.00	8			6,774	Gas	233,695	1.019	238,135	1,043,781	2.969	4.466
		35,155.00								238,135	1,043,781	2.969	
Suwannee Peaker													
TOTAL SRP	203	6,394.00	4			14,081	No 2	2,135	5.817	12,419	196,351	22.263	91.968
		881.97					Gas	76,027	1.021	77,624	406,447	7.373	5.346
		5,512.53								90,043	602,798	9.427	
Univ of Florida Cogen													
TOTAL UFP	46	32,730.00	96			9,908	No 2	797	5.797	4,620	96,628	20.723	121.240
		466.29					Gas	312,791	1.022	319,672	1,529,834	4.742	4.891
		32,264.11								324,292	1,626,463	4.969	
TOTAL Gas Turbine	7,661	2,276,441.00				7,222				16,439,849	74,361,463	3.267	
SYSTEM TOTAL	8,989	2,724,271.55				7,652				20,847,008	91,917,642	3.374	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period : 1/1/2019 to 3/1/2019

Run Date: 4/10/2019 4:34:17 PM

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC (%)	(E) EQUIV AVA L FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Hamilton Solar Facility													
TOTAL HSF 1	75	33,610.00	21			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	1,559.00	18			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	1,883.00	17			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	4,075.00	21			0				0	0	0.000	
TOTAL Solar	93	41,127.00				0				0	0	0.000	
Steam													
Anclote													
		29,624.00					Gas	325,824	1.024	333,644	1,573,399	5.311	4.829
TOTAL UNIT 1	511	29,624.00	3			11,263				333,644	1,573,399	5.311	
		283,770.00					Gas	3,153,328	1.023	3,224,627	15,872,803	5.594	5.034
TOTAL UNIT 2	514	283,770.00	26			11,364				3,224,627	15,872,803	5.594	
Crystal River 1 & 2													
TOTAL UNIT 1		0.00				0				0	0	0.000	
TOTAL UNIT 2		0.00				0				0	0	0.000	
Crystal River 4 & 5													
		436,781.00					Coal	201,191	22.315	4,489,525	15,436,538	3.534	76.726
		0.00					No 2	6,292	5.710	35,925	784,250	0.000	124.642
TOTAL UNIT 4	721	436,781.00	28			10,361				4,525,450	16,220,788	3.714	
		185,022.00					Coal	89,176	22.415	1,998,844	6,700,972	3.622	75.143
		0.00					No 2	1,355	5.701	7,725	167,698	0.000	123.762
TOTAL UNIT 5	721	185,022.00	12			10,845				2,006,569	6,868,670	3.712	
TOTAL Steam	1,235	935,197.00				10,789				10,090,290	40,535,660	4.000	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period : 1/1/2019 to 3/1/2019

Run Date: 4/10/2019 4:34:17 PM

A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVA L 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													
		143 61					No 2	423	5 816	2,460	44,094	30.703	104.241
		787 69					Gas	13,216	1 021	13,494	70,625	8.966	5.344
TOTAL APP	50	931 00	1			17,131				15,954	114,719	12.318	
Bartow Combined Cycle													
		1,343,937 00					Gas	10,102,105	1 015	10,251,347	43,315,027	3.223	4.288
TOTAL BCC	1,207	1,343,937 00	52			7,628				10,251,347	43,315,027	3.223	
Bartow Peaker													
		856 37					No 2	3,043	5.712	17,382	316,615	36.972	104.047
		1,899 63					Gas	37,754	1 021	38,556	198,220	10.435	5.250
TOTAL BAP	223	2,756 00	1			20,297				55,938	514,835	18.681	
Bayboro Peaker													
		1,891 60					No 2	4,471	5.712	25,538	624,798	33.030	139.745
TOTAL BYP	238	1,892 00	0			13,501				25,538	624,798	33.030	
Citrus County													
		2,771,624 00					Gas	18,421,818	1 021	18,812,877	101,119,003	3.648	5.489
TOTAL CCCC	1,862	2,771,624 00	69			6,788				18,812,877	101,119,003	3.648	
Dobary Peaker													
		553.51					No 2	1,347	5.755	7,752	153,954	27.814	114.294
		11,287.49					Gas	154,532	1 023	158,081	798,519	7.074	5.167
TOTAL DEP	487	11,841 00	1			14,005				165,833	952,473	8.044	
Higgins Peaker													
		572.70					Gas	6,940	1 023	7,100	33,583	5.864	4.839
TOTAL HGP	119	573 00	0			12,397				7,100	33,583	5.864	
Hines Energy													
		2,766,847 00					Gas	19,742,194	1 017	20,072,111	85,608,183	3.094	4.336
TOTAL HEP	2,188	2,766,847 00	59			7,255				20,072,111	85,608,183	3.094	
Intercession City Peaker													
		1,210 26					No 2	2,762	5 802	16,024	272,846	22.544	98.786
		32,007 66					Gas	415,296	1 020	423,788	1,802,971	5.633	4.341
TOTAL ICP	945	33,218 00	2			13,240				439,812	2,075,817	6.249	
Osprey													
		125,377 00					Gas	899,159	1 019	916,253	3,868,540	3.086	4.302
TOTAL OSP	600	125,377 00	10			7,308				916,253	3,868,540	3.086	
Suwannee Peaker													
		1,079.90					No 2	2,637	5 817	15,339	242,519	22.457	91.968
		10,399 30					Gas	144,544	1 022	147,716	715,960	6.885	4.953
TOTAL SRP	203	11,479 00	3			14,204				163,056	958,478	8.350	
Univ of Florida Cogen													
		447 05					No 2	797	5.797	4,620	96,628	21.615	121.240
		98,354 85					Gas	993,542	1 023	1,016,434	4,404,505	4.478	4.433
TOTAL UFP	46	98,802 00	99			10,334				1,021,054	4,501,134	4.556	
TOTAL Gas Turbine	8,168	7,169,277 00				7,246				51,946,873	243,686,591	3.399	
SYSTEM TOTAL	9,496	8,145,600 62				7,616				62,037,163	284,222,251	3.489	

A-5 System Generation Fuel Cost Report

Final

Report Period : 3/1/2019 to 3/1/2019

Duke Energy Florida, LLC

Run Date: 4/10/2019 4:18:32 PM

	<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	0.0%
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		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
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)	2,137	387	1,750	452.2%
20 - UNIT COST (\$/BBL)	132.63	300.56	(167.94)	(55.9%)
21 - AMOUNT (\$)	283,421	116,318	167,103	143.7%
22 - BURNED				
23 - UNITS (BBL)	8,488	387	8,101	2093.3%
24 - UNIT COST (\$/BBL)	108.76	300.56	(191.80)	(63.8%)
25 - AMOUNT (\$)	923,169	116,318	806,851	693.7%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	672,872	714,259	(41,387)	(5.8%)
31 - UNIT COST (\$/BBL)	108.89	108.87	0.02	0.0%
32 - AMOUNT (\$)	73,270,360	77,760,783	(4,490,423)	(5.8%)
33 -				
34 - DAYS SUPPLY	2,457	55,369	(52,911)	(95.6%)

A-5 System Generation Fuel Cost Report

Final

Report Period : 3/1/2019 to 3/1/2019

Duke Energy Florida, LLC

Run Date: 4/10/2019 4:18:32 PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	18,742	181,616	(162,874)	(89.7%)
37 - UNIT COST (\$/TON)	193.13	75.27	117.86	156.6%
38 - AMOUNT (\$)	3,619,657	13,670,390	(10,050,733)	(73.5%)
39 - BURNED				
40 - UNITS (TON)	143,944	181,616	(37,672)	(20.7%)
41 - UNIT COST (\$/TON)	77.47	75.27	2.20	2.9%
42 - AMOUNT (\$)	11,151,969	13,670,390	(2,518,421)	(18.4%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	585,155	914,150	(328,995)	(36.0%)
48 - UNIT COST (\$/TON)	79.73	75.27	4.46	5.9%
49 - AMOUNT (\$)	46,654,979	68,808,802	(22,153,823)	(32.2%)
50 -				
51 - DAYS SUPPLY	126	151	(25)	(16.5%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	17,286,942	17,835,110	(548,168)	(3.1%)
54 - UNIT COST (\$/MCF)	4.62	4.78	(0.16)	(3.4%)
55 - AMOUNT (\$)	79,842,503	85,287,349	(5,444,846)	(6.4%)
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period : 1/1/2019 to 3/1/2019

Run Date: 4/12/2019 4:35:46 PM

	<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	0.0%
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		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
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)	9,090	1,694	7,396	436.6%
20 - UNIT COST (\$/BBL)	130.06	234.33	(104.26)	(44.5%)
21 - AMOUNT (\$)	1,182,273	396,951	785,322	197.8%
22 - BURNED				
23 - UNITS (BBL)	23,127	1,694	21,433	1265.2%
24 - UNIT COST (\$/BBL)	116.89	234.33	(117.43)	(50.1%)
25 - AMOUNT (\$)	2,703,402	396,951	2,306,451	581.0%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	672,872	714,259	(41,387)	(5.8%)
31 - UNIT COST (\$/BBL)	108.89	108.87	0.02	0.0%
32 - AMOUNT (\$)	73,270,360	77,760,783	(4,490,423)	(5.8%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period : 1/1/2019 to 3/1/2019

Run Date: 4/12/2019 4:35:46 PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	249,588	851,053	(601,465)	(70.7%)
37 - UNIT COST (\$/TON)	92.68	75.17	17.50	23.3%
38 - AMOUNT (\$)	23,131,324	63,976,275	(40,844,951)	(63.8%)
39 - BURNED				
40 - UNITS (TON)	290,367	851,053	(560,686)	(65.9%)
41 - UNIT COST (\$/TON)	76.24	75.17	1.07	1.4%
42 - AMOUNT (\$)	22,137,510	63,976,275	(41,838,765)	(65.4%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	585,155	914,150	(328,995)	(36.0%)
48 - UNIT COST (\$/TON)	79.73	75.27	4.46	5.9%
49 - AMOUNT (\$)	46,654,979	68,808,802	(22,153,823)	(32.2%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	54,410,252	47,464,047	6,946,205	14.6%
54 - UNIT COST (\$/MCF)	4.77	5.01	(0.24)	(4.8%)
55 - AMOUNT (\$)	259,381,339	237,605,660	21,775,679	9.2%
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

Duke Energy Florida, LLC.
Schedule A6
Power Sold for the Month of
March 2019

(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		2,223		2,223	2.992	3.824	66,519	85,022	18,503.00
ACTUAL									
Florida Power & Light Company	CR-1	2,700		2,700	4.127	4.947	111,417.70	133,565.96	22,148.26
PJM Settlements, Inc	MR1	716		716	2.200	1.271	15,754.11	9,097.14	(6,656.97)
Macquarie Energy LLC		70		70	3.392	2.800	2,374.11	1,960.12	(413.99)
Reedy Creek Improvement District	CR-1	690		690	1.844	2.178	12,725.65	15,031.35	2,305.70
Southern Company Services, Inc.	EEL	600		600	2.844	3.348	17,064.18	20,086.25	3,022.07
Tallahassee (City of)	Schedule H	2		2	2.230	2.690	44.60	53.72	9.12
Tampa Electric Company	CR-1	2,850		2,850	3.680	5.568	104,877.04	158,680.80	53,803.76
Adjustments									
PJM Settlements								61,959.94	61,959.94
Tallahassee (City of)								(10,758.08)	(10,758.08)
Subtotal - Gain on Other Power Sales		7,628		7,628	3.464	5.109	264,257.39	389,677.20	125,419.81
CURRENT MONTH TOTAL		7,628		7,628	3.464	5.109	264,257.39	389,677.20	125,419.81
DIFFERENCE		5,405		5,405	0.472	1.285	197,738.39	304,655.20	106,916.81
DIFFERENCE %		243		243	15.786	33.591	297.27	358.33	577.83
CUMULATIVE ACTUAL		33,121		33,121	2.983	4.070	987,893.77	1,347,904.12	360,010.35
CUMULATIVE EST MATED		60,807		60,807	3.715	4.749	2,259,242.00	2,887,669.00	628,427.00
DIFFERENCE		(27,686)		(27,686)	(0.73)	(0.68)	(1,271,348.23)	(1,539,764.88)	(268,416.65)
DIFFERENCE %		(46)		(46)	(19.72)	(14.30)	(56.27)	(53.32)	(42.71)

DUKE ENERGY FLORIDA, INC.
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
MARCH, 2019

(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		65,104			65,104	3.595	3.595	2,340,555	2,340,555
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	8,361			8,361	7.437	7.437	621,765.87	621,765.87
Southern Power Company	Franklin	66,296			66,296	3.879	3.879	2,571,450.71	2,571,450.71
Vandolah Power Company L.L.C.	TOLL	27,122			27,122	7.111	7.111	1,928,698.98	1,928,698.98
ADJUSTMENTS									
Vandolah Power Company L.L.C.	TOLL	295			295	3.869	3.869	11,412.71	11,412.71
Shady Hills Power Company, L.L.C.	TOLL	(12)			(12)	0.068	0.068	(8.10)	(8.10)
Southern Power Company	Franklin							(1,132.34)	(1,132.34)
CURRENT MONTH TOTAL		102,062			102,062	5.029	5.029	5,132,187.83	5,132,187.83
DIFFERENCE		36,958			36,958	1.434	1.434	2,791,632.83	2,791,632.83
DIFFERENCE %		57			57	39.875	39.875	119.27	119.27
CUMULATIVE ACTUAL		235,577			235,577	4.878	4.878	11,491,101.31	11,491,101.31
CUMULATIVE ESTIMATED		90,851			90,851	3.974	3.974	3,610,295.00	3,610,295.00
DIFFERENCE		144,726			144,726	0.904	0.904	7,880,806.31	7,880,806.31
DIFFERENCE %		159			159	22.748	22.748	218.29	218.29

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
MARCH, 2019

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL PURCHASED KWH (000)	(4) KWH FOR OTHER UTILITIES (000)	(5) KWH FOR TERRUPTIBI (000)	(6) KWH FOR FIRM (000)	(7) ENERGY COST C/KWH	(8) TOTAL COST C/KWH	(9) TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		237,094	-	-	237,094	4.410	15.612	10,456,332.57
ACTUAL								
Citrus World (CITRUS) ADJ	CO-GEN	27 (3)			27 (3)	2.220	2.220	589.73 (213.95)
Florida Power Development (FCRUSHAS) ADJ	CO-GEN	-			-	0.000	0.000	-
Florida Power Development (FLACRUSH) ADJ	CO-GEN	-			-	0.000	0.000	-
Lake County (LAKCOUNT) ADJ	CO-GEN	1,194			1,194	2.194	2.194	26,196.11 (3,290.56)
Lee County (LEECOGAS) ADJ	CO-GEN	782			782	2.672	2.672	20,896.23
Metro-Dade County (METRDADE) ADJ	CO-GEN	-			-	0.000	0.000	-
Metro-Dade County (METRDDAS) ADJ	CO-GEN	4,788			4,788	2.218	2.218	106,216.83 (32,762.72)
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,231			1,231	2.105	2.105	25,909.44 (11,009.00)
Orange Cogen (ORANGEEO) ADJ	CO-GEN	25,572			25,572	4.313	26.266	1,103,027.99 12,772.69
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	82,165			82,165	5.574	12.426	4,579,599.64 (5,917.55)
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	-			-	0.000	0.000	-
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	11,614			11,614	2.239	19.284	259,984.19 (39,510.71)
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	22 17			22 17	2.742	2.742	603.15 468.75
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	31,246			31,246	2.237	17.257	699,091.45 (113,381.58)
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	34,922			34,922	2.448	24.034	854,896.85 (155,500.27)
Wheelabrator Ridge Energy, Inc. (RIDGEGEN) ADJ	CO-GEN	-			-	0.000	0.000	-
CURRENT MONTH TOTAL		193,577			193,577	3.786	17.092	7,328,666.72
DIFFERENCE		(43,517)			(43,517)	(0.624)	1.480	(3,127,665.85)
DIFFERENCE %		(18.35)			(18.35)	(14.156)	9.480	(29.91)
CUMULATIVE ACTUAL		638,537			638,537	4.047	16.273	25,838,548.82
CUMULATIVE ESTIMATED		760,021			760,021	4.256	14.739	32,348,167.22
CUMULATIVE DIFFERENCE		(121,484)			(121,484)	(0.210)	1.534	(6,509,618.40)
CUMULATIVE DIFFERENCE %		(15.98)			(15.98)	(4.927)	10.407	(20.12)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
MARCH, 2019

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED (000)	ENERGY COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	COST IF GENERATED C/KWH	COST IF GENERATED \$	FUEL SAVINGS \$
EST MATED		5,836	3.872	225,982	4.344	253,493	27,511
ACTUAL:							
SEPA	Hydro	1,476	4.634	\$68,402.89		\$68,402.89	
Duke Electric Transmission	Transmission Purchase			\$6,906.16			(6,906.51)
Exelon Generation Company, LLC	InternationalSwapsDe	1,900	3.211	\$61,000.00	4.033	\$76,619.66	15,619.66
Florida Power & Light Company	Transmission Purchase			\$11,302.00			(11,302.00)
PJM Inter.-Transmission	Transmission Purchase			\$483.98			(483.98)
PJM Settlements, Inc	MR1	496	2.202	\$10,924.31	4.097	\$20,321.07	9,396.76
Southern Company Services, Inc.	EEl	1,700	3.706	63,000.00	3.928	66,768.00	3,768.00
Southern Company Services, Inc. Transmission	Transmission Purchase			12,236.06			(12,236.06)
Tallahassee (City of)	Schedule OS	170	1.424	2,420.00	1.924	3,270.00	850.00
The Energy Authority	EEl	300	3.7	\$11,100.00	8.546	25,636.80	14,536.80
ADJUSTMENTS							
Southern Company Services, Inc. Transmission				28.93			(28.93)
PJM Settlements				2,398.43			(2,398.43)
SubTotal - Energy Purchases (Non-Broker)		6,042	4.141	250,202.76	4.320	261,018.42	10,815.31
CURRENT MONTH TOTAL		6,042	4.141	250,202.76	4.320	261,018.42	10,815.31
DIFFERENCE		206	0.269	24,220.76	(0.024)	7,525.42	(16,695.69)
DIFFERENCE %		4	6.947	10.72	(0.553)	2.97	(60.69)
CUMULATIVE ACTUAL		18,571	3.633	674,642.27	3.858	716,563.35	41,920.63
CUMULATIVE EST MATED		10,228	3.957	404,677.00	4.438	453,946.00	49,269.00
DIFFERENCE		8,343	(0.324)	269,965.27	(0.580)	262,617.35	(7,348.37)
DIFFERENCE %		82	(8.184)	66.71	(13.06)	57.85	(14.91)

DUKE ENERGY FLORIDA
SCHEDULE A12 - CAPACITY COSTS
FOR THE PERIOD JAN - DEC 2019

Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
1 Orange Cogen (ORANGECO)	QF	74	7/1/95 - 12/31/24	5,600,934	5,600,934	5,600,934										16,802,801.34
2 Orlando Cogen Limited (ORLACOGL)	QF	79	9/1/93 - 12/31/23	5,636,162	5,636,162	5,636,162										16,908,485.76
3 Pasco County Resource Recovery (PASCOUNT)	QF	23	1/1/95 - 12/31/24	2,019,170	2,019,170	2,019,170										6,057,510.00
4 Pinellas County Resource Recovery (PINCOUNT)	QF	55	1/1/95 - 12/31/24	4,806,503	4,806,503	4,806,503										14,419,507.50
5 Polk Power Partners, L.P. (MULBERRY)	QF	115	8/1/94 - 8/8/24	7,693,916	7,693,916	7,693,916										23,081,746.98
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	40	8/1/94 - 1/31/19	800,946	0	0										800,945.81
7 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	4,611,942	4,802,362	2,752,978										12,167,281.72
8 Retail Wheeling				(45,534)	(8,443)	(35,373)										(89,350.18)
9 CR-3 Projected Expense				3,775,626	3,753,198	3,730,770										11,259,593.59
10 ISFSI Return				573,320	573,320	573,320										1,719,959.24
11 Vandolah Capacity Purchase			June 2012 - May 2027	2,919,279	2,891,051	1,947,614										7,757,945.20
12 Schedule H Capacity Sales - Tallahassee	1	-1	on-going no term date	(48,411)	0	(64,548)										(112,959.35)
13 Shady Hills Tolling	1	517	4/1/07-4/30/24	1,976,940	1,976,940	1,412,100										5,365,980.00
14 RidgeGen Agreement Termination				0	750,770	747,221										1,497,991.51
TOTAL				40,320,791	40,495,882	36,820,766	0	0	0	0	0	0	0	0	0	117,637,439