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September 29, 2017

BY ELECTRONIC FILING

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

Re:

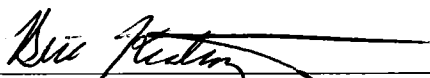
Docket No. 20170191: Joint petition for approval of revised swing service rider rates for the period January through December 2018, by Florida Public Utilities Company, Florida Public Utilities Company-Indiantown Division, Florida Public Utilities Company-Fort Meade, and Florida Division of Chesapeake Utilities Corporation.

Dear Ms. Stauffer:

Attached for electronic filing, please find the Response of Florida Public Utilities Company, Florida Public Utilities Company-Indiantown Division, Florida Public Utilities Company-Fort Meade, and the Florida Division of Chesapeake Utilities Corporation to Commission Staff's First Data Request in the referenced docket.

As always, thank you for your assistance in connection with this filing. If you have any questions whatsoever, please do not hesitate to let me know.

Sincerely,



Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 601
Tallahassee, FL 32301
(850) 521-1706

Docket No. 20170191-GU: Joint petition for approval of revised swing service rider rates for the period January through December 2018, by Florida Public Utilities Company, Florida Public Utilities Company-Indiantown Division, Florida Public Utilities Company-Fort Meade, and Florida Division of Chesapeake Utilities Corporation.

Response to Staff's Data Request 1

1. Please provide Schedules A-D attached to the direct testimony of Michelle Napier in Excel format with formulas intact.

Company Response:

Please see Attachment A, which has been forwarded to Staff in native Excel format.

FLORIDA PUBLIC UTILITIES COMPANY
 COMPUTATION OF SWING SERVICE RATES
 PGA THERMS

Schedule A
 Page 1 of 1

		2016-2017 Monthly Volumes - Therms												Annual Total-peak	Annual Total
LDC	Customer Class	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE		
FPU	FPU - RS	683,441	602,699	668,900	788,726	996,038	1,304,442	1,708,829	1,495,349	1,436,444	1,303,074	900,969	787,794	10,967,876	12,676,705
FPU	FPU - RS-GS	1,657	1,790	2,076	7,023	4,580	6,036	7,350	5,011	6,685	5,830	3,180	2,676	46,544	53,894
FTM	FT-RS	4,051	4,384	4,637	4,564	4,612	7,084	7,958	8,443	6,473	6,032	4,512	4,829	59,621	67,579
FPU	FPU - GS - 1	68,997	71,035	76,018	84,287	98,630	119,969	134,431	121,444	99,609	102,816	80,212	76,268	999,286	1,133,717
FPU	FPU - GS - 2	506,372	479,121	524,073	515,956	590,833	699,262	766,275	737,140	711,093	662,858	534,262	526,408	6,487,377	7,253,652
FPU	FPU - CS - GS	1,678	1,940	2,190	6,027	4,933	3,361	3,881	5,114	3,308	3,335	2,241	2,221	36,348	40,229
FPU	FPU - LVS	769,442	725,715	789,742	786,895	963,317	1,037,915	1,147,420	1,054,391	1,098,820	981,534	771,551	751,661	9,730,983	10,878,403
FPU	FPU - IS	-	-	-	-	-	-	-	-	-	-	-	-	0	-
FPU	FPU - GLS	17,359	17,359	17,359	16,903	16,903	16,903	16,903	16,903	16,231	16,327	15,655	15,385	183,289	200,193
FTM	FT-Comm PA	6	-	-	-	18	19	55	45	21	24	11	18	162	217
FTM	FT-Comm Small	1,212	1,097	1,338	2,297	4,016	5,831	5,809	6,244	5,175	4,655	3,260	1,712	36,839	42,648
	Total PGA Volumes	2,054,216	1,905,141	2,086,333	2,212,679	2,683,881	3,200,821	3,798,911	3,450,086	3,383,858	3,086,487	2,315,854	2,168,971	28,548,326	32,347,237
	Total Transport Volumes	6,230,029	6,480,748	6,235,041	6,783,566	7,028,100	7,445,452	8,109,293	7,474,676	7,765,366	7,011,124	6,703,216	6,546,258	75,703,576	83,812,869
	Total Billed Volumes To Be Allocated FRS	8,284,244	8,385,889	8,321,374	8,996,246	9,711,980	10,646,273	11,908,204	10,924,762	11,149,225	10,097,611	9,019,070	8,715,230	104,251,902	116,160,106

		31	31	30	31	30	31	31	28	31	30	31	30	337
LDC	Customer Class	2016 - 2017 Daily Volumes - Therms												
FPU	FPU - RS	22,046	19,442	22,297	25,443	33,201	42,079	55,124	53,405	46,337	43,436	29,064	26,260	32,546
FPU	FPU - RS-GS	53	58	69	227	153	195	237	179	216	194	103	89	138
FTM	FT-RS	131	141	155	147	154	229	257	302	209	201	146	161	177
FPU	FPU - GS - 1	2,226	2,291	2,534	2,719	3,288	3,870	4,336	4,337	3,213	3,427	2,587	2,542	2,965
FPU	FPU - GS - 2	16,335	15,456	17,469	16,644	19,694	22,557	24,719	26,326	22,938	22,095	17,234	17,547	19,250
FPU	FPU - CS - GS	54	63	73	194	164	108	125	183	107	111	72	74	108
FPU	FPU - LVS	24,821	23,410	26,325	25,384	32,111	33,481	37,014	37,657	35,446	32,718	24,889	25,055	28,875
FPU	FPU - IS	0	0	0	0	0	0	0	0	0	0	0	0	0
FPU	FPU - GLS	560	560	579	545	563	545	545	604	524	544	505	513	544
FTM	FT-Comm PA	0	0	0	0	1	1	2	2	1	1	0	1	0
FTM	FT-Comm Small	39	35	45	74	134	188	187	223	167	155	105	57	109
	Total PGA Volumes	66,265	61,456	69,544	71,377	89,463	103,252	122,546	123,217	109,157	102,883	74,705	72,299	84,713
	Total Transport Volumes	200,969	209,056	207,835	218,825	234,270	240,176	261,590	266,953	250,496	233,704	216,233	218,209	224,640
	Total Billed Volumes To Be Allocated FRS	267,234	270,513	277,379	290,201	323,733	343,428	384,136	390,170	359,652	336,587	290,938	290,508	309,353

	TOTAL	PGA	Transport
Average of non peak months	309,353	84,713	224,640
Peak	384,136	122,546	261,590
Total	693,488	207,259	486,230
Allocation		0.2989	0.7011

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FLORIDA PUBLIC UTILITIES COMPANY
COMPUTATION OF SWING SERVICE RATES
TRANSPORT THERMS

Schedule B
Page 1 of 1

		2016-2017 Monthly Volumes Therms												Annual Total Minus Peak	Annual Total
LDC	Customer Class	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE		
CFG	FTS-A	6,037	5,790	6,557	6,870	8,198	9,083	11,001	10,219	11,200	8,457	6,626	6,253	85,291	96,292.24
CFG	FTS-B	18,331	17,613	20,186	19,908	22,657	26,909	29,660	29,064	28,409	24,087	19,695	20,323	247,182	276,842.39
CFG	FTS-1	106,745	101,964	115,508	123,013	156,592	200,108	237,392	238,468	229,459	185,682	129,716	128,042	1,715,296	1,952,688.23
CFG	FTS-2	18,651	19,583	19,312	30,832	46,450	57,319	74,128	71,662	86,224	70,708	38,893	33,708	493,342	567,470.36
CFG	FTS-2.1	41,183	41,891	45,994	66,110	85,970	101,835	109,731	120,240	130,539	106,636	61,028	54,764	856,189	965,920.39
CFG	FTS-3	76,097	72,660	83,868	80,664	93,269	102,425	98,601	120,549	109,616	90,884	76,511	79,366	985,908	1,084,508.99
CFG	FTS-3.1	164,340	165,124	179,321	172,856	185,990	208,094	211,257	215,596	216,750	203,877	176,918	178,970	2,067,837	2,279,093.14
IND	IGC - TS1	8,197	8,571	8,716	8,739	8,696	11,615	11,479	3,823	10,262	9,480	8,570	9,744	96,415	107,894.58
CFG	FTS-4	205,719	183,183	203,675	225,475	241,796	257,606	289,327	281,948	277,412	250,093	196,870	211,905	2,535,682	2,825,009.59
CFG	FTS-5	72,089	88,531	70,765	87,933	94,070	101,542	105,370	108,621	92,656	104,028	91,615	91,966	1,003,815	1,109,185.02
CFG	FTS-6	101,730	105,538	138,006	122,858	117,291	117,519	139,564	178,645	129,255	124,820	118,618	123,381	1,377,660	1,517,223.39
CFG	FTS-7	217,566	225,846	238,639	209,984	255,930	283,617	328,641	261,743	320,717	271,462	289,582	279,644	2,854,730	3,183,371.21
CFG	FTS-8	440,689	362,381	369,616	352,281	409,001	394,710	496,524	401,486	434,122	422,846	411,402	360,001	4,358,535	4,855,059.51
CFG	FTS-9	295,854	271,214	273,571	278,813	280,285	277,702	295,237	264,724	289,843	325,714	339,110	332,978	3,229,808	3,525,045.86
CFG	FTS-10	98,906	104,275	96,555	128,653	189,272	203,614	225,730	205,908	195,854	140,871	155,679	124,728	1,644,315	1,870,044.18
CFG	FTS-11	716,627	882,176	726,399	858,479	819,384	810,052	874,536	762,154	718,869	-	-	-	6,294,139	7,168,674.54
CFG	FTS-12	878,444	1,093,049	1,012,461	1,175,326	1,102,690	1,073,319	1,156,676	1,043,425	1,122,207	1,681,125	1,729,907	1,670,007	13,581,959	14,738,635.12
FPU	FPU - GSTS - 1	33,253	34,205	38,790	37,971	45,625	50,348	54,993	53,126	57,599	55,536	44,783	46,336	497,573	552,566.25
FPU	FPU - GSTS - 2	233,282	234,114	255,837	254,695	279,377	333,004	351,768	343,420	357,025	356,484	299,262	313,913	3,260,412	3,612,179.80
FPU	FPU - LVTS <50k	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FPU	FPU - LVTS >50k	2,488,246	2,454,506	2,322,307	2,532,908	2,578,049	2,813,322	2,997,748	2,757,277	2,937,825	2,569,287	2,499,669	2,471,057	28,424,454	31,422,201.73
FTM	FT-TRANSPORTATION	1,337	1,339	2,127	1,972	1,941	2,108	1,807	2,160	2,098	1,992	1,869	1,937	20,880	22,687.18
IND	IGC - TS2	6,471	7,023	6,714	6,966	5,560	9,179	7,823	403	7,244	6,653	7,061	7,029	70,209	78,032.49
IND	IGC - TS3	234	173	116	261	8	421	300	14	182	120	238	175	1,942	2,242.78
IND	IGC - TS4 (Note A)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL ALLOCATED THERMS		6,230,029	6,480,748	6,235,041	6,783,566	7,028,100	7,445,452	8,109,293	7,474,676	7,765,366	7,011,124	6,703,216	6,546,258	75,703,576	83,812,869

		31	31	30	31	30	31	28	31	30	31	30	337	
LDC	Customer Class	2016-2017 Daily Volumes - Therms												
CFG	FTS-A	195	187	219	222	273	293	355	365	361	282	214	208	253
CFG	FTS-B	591	568	673	642	755	868	957	1,038	916	803	635	677	733
CFG	FTS-1	3,443	3,289	3,850	3,968	5,220	6,455	7,658	8,517	7,402	6,189	4,184	4,268	5,090
CFG	FTS-2	602	632	644	995	1,548	1,849	2,391	2,559	2,781	2,357	1,255	1,124	1,464
CFG	FTS-2.1	1,328	1,351	1,533	2,133	2,866	3,285	3,540	4,294	4,211	3,555	1,969	1,825	2,541
CFG	FTS-3	2,455	2,344	2,796	2,602	3,109	3,304	3,181	4,305	3,536	3,029	2,468	2,646	2,926
CFG	FTS-3.1	5,301	5,327	5,977	5,576	6,200	6,713	6,815	7,700	6,992	6,796	5,707	5,966	6,136
IND	IGC - TS1	264	276	291	282	290	375	370	137	331	316	276	325	286
CFG	FTS-4	6,636	5,909	6,789	7,273	8,060	8,310	9,333	10,070	8,949	8,336	6,351	7,063	7,524
CFG	FTS-5	2,325	2,856	2,359	2,837	3,136	3,276	3,399	3,879	2,989	3,468	2,955	3,066	2,979
CFG	FTS-6	3,282	3,404	4,600	3,963	3,910	3,791	4,502	6,380	4,170	4,161	3,826	4,113	4,088
CFG	FTS-7	7,018	7,285	7,955	6,774	8,531	9,149	10,601	9,348	10,346	9,049	9,341	9,321	8,471
CFG	FTS-8	14,216	11,690	12,321	11,364	13,633	12,733	16,017	14,339	14,004	14,095	13,271	12,000	12,933
CFG	FTS-9	9,544	8,749	9,119	8,994	9,343	8,958	9,524	9,454	9,350	10,857	10,939	11,099	9,584
CFG	FTS-10	3,191	3,364	3,219	4,150	6,309	6,568	7,282	7,354	6,318	4,696	5,022	4,158	4,879
CFG	FTS-11	23,117	28,457	24,213	27,693	27,313	26,131	28,211	27,220	23,189	0	0	0	18,577
CFG	FTS-12	28,337	35,260	33,749	37,914	36,756	34,623	37,312	37,265	36,200	56,037	55,803	55,667	40,303
FPU	FPU - GSTS - 1	1,073	1,103	1,293	1,225	1,624	1,521	1,774	1,897	1,858	1,851	1,445	1,545	1,476
FPU	FPU - GSTS - 2	7,525	7,552	8,528	8,216	9,313	10,742	11,347	12,265	11,517	11,883	9,654	10,464	9,675
FPU	FPU - LVTS <50k	0	0	0	0	0	0	0	0	0	0	0	0	-
FPU	FPU - LVTS >50k	80,266	79,178	77,410	81,707	85,935	90,752	96,702	98,474	94,769	85,643	80,634	82,369	84,346
FTM	FT-TRANSPORTATION	43	43	71	64	65	68	58	77	68	66	60	65	62
IND	IGC - TS2	209	227	224	225	185	296	252	14	234	231	215	235	208
IND	IGC - TS3	8	6	4	8	0	14	10	1	6	4	8	6	6
IND	IGC - TS4	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL TOTAL ALLOCATED THERMS		200,969	209,056	207,835	218,825	234,270	240,176	261,590	266,953	250,496	233,704	216,233	218,209	224,640

Note A: IGC-TS4 customers will no longer be on the system. Therefore, the therms have been removed from this schedule and rate is reflected as \$0.

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FLORIDA PUBLIC UTILITIES COMPANY
 COMPUTATION OF SWING SERVICE RATES
 ALLOCATION OF DOLLARS

	DOLLARS	AVERAGE COST/THERM
Total Costs to Allocate	\$ 4,852,857	
% PGA	29.89% \$ 1,450,344	\$ 0.0448
% TRANSPORT	70.11% \$ 3,402,514	\$ 0.0406

	Average of All Months Excluding Peak Month	Peak Month	Peak and Average	Peak and Average Percent	Peak and Average Total Transport Cost	Phase in Percent	Phase In Amount	Therms	Phase in Rate Dollars per Therm	Tax Factor	Swing Service Rates
FT TRANSPORTAT	62	58	120	0.02473%	\$ 841	40%	\$ 337	22,687	\$ 0.0148	1.00503	\$ 0.0149
IGC-TS1	286	370	656	0.13500%	\$ 4,593	100%	\$ 4,593	107,895	\$ 0.0426	1.00503	\$ 0.0428
IGC-TS2	208	252	461	0.09475%	\$ 3,224	100%	\$ 3,224	78,032	\$ 0.0413	1.00503	\$ 0.0415
IGC-TS3	6	10	15	0.00318%	\$ 108	100%	\$ 108	2,243	\$ 0.0482	1.00503	\$ 0.0485
IGC-TS4 (Note A)	0	0	0	0.00000%	\$ -	100%	\$ -	-	\$ -	1.00503	\$ -
FPU-GSTS-1	1,476	1,774	3,250	0.66850%	\$ 22,746	40%	\$ 9,098	552,566	\$ 0.0165	1.00503	\$ 0.0165
FPU-GSTS-2	9,675	11,347	21,022	4.32350%	\$ 147,108	40%	\$ 58,843	3,612,180	\$ 0.0163	1.00503	\$ 0.0164
FPU-LVTS	84,346	96,702	181,047	37.23489%	\$ 1,266,922	40%	\$ 506,769	31,422,202	\$ 0.0161	1.00503	\$ 0.0162
FTS-A	253	355	608	0.12504%	\$ 4,254	100%	\$ 4,254	96,292	\$ 0.0442	1.00503	\$ 0.0444
FTS-B	733	957	1,690	0.34762%	\$ 11,828	100%	\$ 11,828	276,842	\$ 0.0427	1.00503	\$ 0.0429
FTS-1	5,090	7,658	12,748	2.62175%	\$ 89,205	100%	\$ 89,205	1,952,688	\$ 0.0457	1.00503	\$ 0.0459
FTS-2	1,464	2,391	3,855	0.79287%	\$ 26,977	100%	\$ 26,977	567,470	\$ 0.0475	1.00503	\$ 0.0478
FTS-2.1	2,541	3,540	6,080	1.25051%	\$ 42,549	100%	\$ 42,549	965,920	\$ 0.0440	1.00503	\$ 0.0443
FTS-3	2,926	3,181	6,106	1.25583%	\$ 42,730	100%	\$ 42,730	1,084,509	\$ 0.0394	1.00503	\$ 0.0396
FTS-3.1	6,136	6,815	12,951	2.66350%	\$ 90,626	100%	\$ 90,626	2,279,093	\$ 0.0398	1.00503	\$ 0.0400
FTS-4	7,524	9,333	16,857	3.46697%	\$ 117,964	40%	\$ 47,186	2,825,010	\$ 0.0167	1.00503	\$ 0.0168
FTS-5	2,979	3,399	6,378	1.31167%	\$ 44,630	40%	\$ 17,852	1,109,185	\$ 0.0161	1.00503	\$ 0.0162
FTS-6	4,088	4,502	8,590	1.78667%	\$ 60,111	40%	\$ 24,044	1,517,223	\$ 0.0158	1.00503	\$ 0.0159
FTS-7	8,471	10,601	19,072	3.92249%	\$ 133,463	40%	\$ 53,385	3,183,371	\$ 0.0168	1.00503	\$ 0.0169
FTS-8	12,933	16,017	28,950	5.95403%	\$ 202,587	40%	\$ 81,035	4,855,060	\$ 0.0167	1.00503	\$ 0.0168
FTS-9	9,584	9,524	19,108	3.92978%	\$ 133,711	40%	\$ 53,485	3,525,045	\$ 0.0152	1.00503	\$ 0.0152
FTS-10	4,879	7,282	12,161	2.50106%	\$ 85,099	40%	\$ 34,040	1,870,045	\$ 0.0182	1.00503	\$ 0.0183
FTS-11	18,677	28,211	46,888	9.64314%	\$ 328,109	40%	\$ 131,244	7,168,675	\$ 0.0183	1.00503	\$ 0.0184
FTS-12	40,303	37,312	77,615	15.96255%	\$ 543,128	40%	\$ 217,251	14,738,635	\$ 0.0147	1.00503	\$ 0.0148
	224,640	261,590	486,230	100.00000%	\$ 3,402,514		\$ 1,550,662	83,812,869			
Special Contracts							\$ 313,726				
Swing Service Revenue to Collect							\$ 1,864,388				

Note A: IGC-TS4 customers will no longer be on the system. Therefore, the therms have been removed from this schedule and rate is reflected as \$0.

FLORIDA PUBLIC UTILITIES COMPANY
 COMPUTATION OF SWING SERVICE RATES
 CALCULATION OF EXPERIMENTAL RATES

Schedule C
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RATE SCHEDULE	EXPERIMENTAL RATE	BASE NON-EXPERIMENTAL	PORTION OF EXPERIMENTAL FOR USAGE	NON-EXPERIMENTAL USAGE CHARGE	THERMS IN EXPERIMENTAL CALCULATION	RATES PER THERM	DOLLARS PER BILL	TAX FACTOR	EXPERIMENTAL SWING SERVICE RATES
FTS-A	\$ 17.00	\$ 13.00	\$ 4.00	\$ 0.4636	8.6	\$ 0.0442	\$ 0.3800	1.00503	\$ 0.3819
FTS-B	\$ 23.00	\$ 15.50	\$ 7.50	\$ 0.4929	15.2	\$ 0.0427	\$ 0.6494	1.00503	\$ 0.6527
FTS-1	\$ 29.00	\$ 19.00	\$ 10.00	\$ 0.4631	21.6	\$ 0.0457	\$ 0.9868	1.00503	\$ 0.9917
FTS-2	\$ 48.00	\$ 34.00	\$ 14.00	\$ 0.3196	43.8	\$ 0.0475	\$ 2.0822	1.00503	\$ 2.0927
FTS-2.1	\$ 87.00	\$ 40.00	\$ 47.00	\$ 0.3083	152.5	\$ 0.0440	\$ 6.7176	1.00503	\$ 6.7514
FTS-3	\$ 162.00	\$ 108.00	\$ 54.00	\$ 0.2410	224.0	\$ 0.0394	\$ 8.8256	1.00503	\$ 8.8700
FTS-3.1	\$ 263.00	\$ 134.00	\$ 129.00	\$ 0.2038	632.9	\$ 0.0398	\$ 25.1667	1.00503	\$ 25.2933

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FLORIDA PUBLIC UTILITIES COMPANY
COMPUTATION OF SWING SERVICE RATES
ACTUAL COSTS
7/1/2016 to 6/30/2017

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Nassau County William Burgess	\$ 443,028
Nassau County	\$ 2,109,996
AGL SR80(2) Benoist Farms	\$ 602,620
Port of Palm Beach	\$ 163,860
Riveria Lateral	\$ 186,996
Herando County CFG	\$ 3,528
Haines City CFG	\$ 1,622,520
Cardinal Technology LLC	\$ 34,036

Total Natural Gas \$ 5,166,583

**Less Special Contract Swing Service Charge to be
Recovered 7/17 to 6/18:**

Mosaic	\$ 36,000
Rayonier	\$ 106,176
8 Flags	\$ 171,550
	<u>\$ 313,726</u>
Net to Reduce PGA through Swing Service Rate	<u>\$ 4,852,857</u>

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