



Florida Municipal Power Agency

Michele A. Jackson, P.E.
System Planning Manager

Florida Public Service Commission
Office of Commission Clerk
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Revisions to FMPA's 2014 Ten Year Site Plan

August 4, 2014

Dear Mr. Ellis:

Attached are revised Schedules 5, 6.1 and 6.2 to FMPA's 2014 Ten Year Site Plan. The revisions correct dispatch modelling assumptions made for the original filing which had the effect of overstating FMPA's use of natural gas resources to serve its All-Requirements Project. No other elements of the filed TYSP have been affected by the correction of this modelling assumption.

If you have any questions, please do not hesitate to contact me at (321) 239-1013.

Sincerely,

A handwritten signature in blue ink that reads 'Michele A. Jackson'.

Michele A. Jackson, P.E.
System Planning Manager

Enc.

cc. File

Schedule 5
Fuel Requirements – All-Requirements Power Supply Project

Line No.	Fuel Type	Unit Type	Fuel Units	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
				Actual	Forecasted												
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
1	Nuclear [1]		Trillion BTU	7	3	3	3	3	3	3	3	3	3	3	3	3	3
2	Coal		000 Ton	317	356	346	358	412	451	424	436	426	414	416			
3	Residual	Steam	000 BBL	-	2	2	2	2	1	1	1	2	2	2			
4		CC	000 BBL	-	-	-	-	-	-	-	-	-	-	-			
5		CT	000 BBL	-	-	-	-	-	-	-	-	-	-	-			
6		Total	000 BBL	-	2	2	2	2	1	1	1	2	2	2			
7	Distillate	Steam	000 BBL	-	-	-	-	-	-	-	-	-	-	-			
8		CC	000 BBL	-	-	-	-	-	-	-	-	-	-	-			
9		CT	000 BBL	0	2	3	6	2	2	0	-	3	3	0			
10		Total	000 BBL	0	2	3	6	2	2	0	-	3	3	0			
11	Natural Gas	Steam	000 MCF	474	-	-	-	-	-	-	-	-	-	-			
12		CC	000 MCF	31,454	29,481	32,571	31,419	26,498	25,965	28,112	28,190	29,231	30,724	34,380			
13		CT	000 MCF	443	854	982	748	562	485	557	747	650	989	691			
14		Total	000 MCF	32,371	30,336	33,553	32,167	27,060	26,449	28,669	28,937	29,881	31,712	35,071			
15	Renewables [2]	Biofuels	Billion BTU	313	130	130	130	130	130	130	130	130	130	130			
16		Biomass	Billion BTU	-	-	-	-	-	-	-	-	-	-	-			
17		Geothermal	Billion BTU	-	-	-	-	-	-	-	-	-	-	-			
18		Hydro	Billion BTU	-	-	-	-	-	-	-	-	-	-	-			
19		Landfill Gas	Billion BTU	157	178	164	155	146	137	128	119	110	110	110			
20		MSW	Billion BTU	-	-	-	-	-	-	-	-	-	-	-			
21		Solar	Billion BTU	-	-	-	-	-	-	-	-	-	-	-			
22		Wind	Billion BTU	-	-	-	-	-	-	-	-	-	-	-			
23		Other	Billion BTU	-	-	-	-	-	-	-	-	-	-	-			
24		Total	Billion BTU	470	308	294	285	276	267	258	249	240	240	240			
25	Other		Trillion BTU	-	-	-	-	-	-	-	-	-	-	-			

2014 Base TYSP Emiss X Stn no MR

[1] Nuclear generation is not part of the All-Requirements Project power supply. It is owned directly by some Project participants.

[2] Includes landfill gas consumed by FMPA's ownership share of the Stanton Energy Center as a supplemental fuel source, as well as bagasse consumed by U.S. Sugar cogeneration facility in the production of power purchased by FMPA.

**Schedule 6.1
Energy Sources (GWh) – All-Requirements Power Supply Project**

Line No.	(1) Energy Source	(2) Prime Mover	(3) Units	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
				Actual	Forecasted									
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
1	Annual Firm Inter-Region Interchange		GWh	-	-	-	-	-	-	-	-	-	-	-
2	Nuclear [1]		GWh	618	287	286	270	287	286	270	288	287	270	287
3	Coal		GWh	734	987	804	775	809	950	1,051	981	1,013	989	960
4	Residual	Steam	GWh	-	-	-	-	-	-	-	-	-	-	-
5		CC	GWh	-	-	-	-	-	-	-	-	-	-	-
6		CT	GWh	-	-	-	-	-	-	-	-	-	-	-
7		Total	GWh	-	-	-	-	-	-	-	-	-	-	-
8	Distillate	Steam	GWh	-	-	-	-	-	-	-	-	-	-	-
9		CC	GWh	-	-	-	-	-	-	-	-	-	-	-
10		CT	GWh	2	0	1	1	3	1	1	0	-	1	1
11		Total	GWh	2	0	1	1	3	1	1	0	-	1	1
12	Natural Gas	Steam	GWh	-	-	-	-	-	-	-	-	-	-	-
13		CC	GWh	4,501	3,680	4,121	4,362	4,206	3,711	3,586	3,904	3,874	4,073	4,251
14		CT	GWh	25	39	72	83	61	45	40	46	64	54	85
15		Total	GWh	4,527	3,719	4,192	4,445	4,267	3,756	3,626	3,950	3,938	4,127	4,336
16	NUG		GWh	-	-	-	-	-	-	-	-	-	-	-
17	Renewables [2]	Biofuels	GWh	31	13	13	13	13	13	13	13	13	13	13
18		Biomass	GWh	-	-	-	-	-	-	-	-	-	-	-
19		Geothermal	GWh	-	-	-	-	-	-	-	-	-	-	-
20		Hydro	GWh	-	-	-	-	-	-	-	-	-	-	-
21		Landfill Gas	GWh	15	17	15	14	14	13	12	11	10	10	10
22		MSW	GWh	-	-	-	-	-	-	-	-	-	-	-
23		Solar	GWh	-	-	-	-	-	-	-	-	-	-	-
24		Wind	GWh	-	-	-	-	-	-	-	-	-	-	-
25		Other	GWh	-	-	-	-	-	-	-	-	-	-	-
26		Total	GWh	46	30	28	27	27	26	25	24	23	23	23
27	Interchange		GWh	207	856	664	424	624	1,075	1,199	1,014	1,071	996	879
28	Net Energy for Load [3]*		GWh	6,133	5,880	5,975	5,942	6,016	6,094	6,172	6,258	6,332	6,408	6,488

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[2] Includes power purchased from U.S. Sugar cogeneration facility and power generated from FMPA's ownership share of the Stanton Energy Center using landfill gas.

[3] Includes Bulk Electric System transmission losses.

* Totals may not add exactly due to rounding.

Schedule 6.2
Energy Sources (%) – All-Requirements Power Supply Project

Line No.	(1) Energy Source	(2) Prime Mover	(3) Units	(4) through (14)										
				Actual	Forecasted									
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
1	Annual Firm Inter-Region Interchange		%	-	-	-	-	-	-	-	-	-	-	-
2	Nuclear [1]		%	10.1	4.9	4.8	4.5	4.8	4.7	4.4	4.6	4.5	4.2	4.4
3	Coal		%	12.0	16.8	13.5	13.0	13.5	15.6	17.0	15.7	16.0	15.4	14.8
4	Residual	Steam	%	-	-	-	-	-	-	-	-	-	-	-
5		CC	%	-	-	-	-	-	-	-	-	-	-	-
6		CT	%	-	-	-	-	-	-	-	-	-	-	-
7		Total	%	-	-	-	-	-	-	-	-	-	-	-
8	Distillate	Steam	%	-	-	-	-	-	-	-	-	-	-	-
9		CC	%	-	-	-	-	-	-	-	-	-	-	-
10		CT	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
11		Total	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
12	Natural Gas	Steam	%	-	-	-	-	-	-	-	-	-	-	-
13		CC	%	73.4	62.6	69.0	73.4	69.9	60.9	58.1	62.4	61.2	63.6	65.5
14		CT	%	0.4	0.7	1.2	1.4	1.0	0.7	0.6	0.7	1.0	0.8	1.3
15		Total	%	73.8	63.3	70.2	74.8	70.9	61.6	58.8	63.1	62.2	64.4	66.8
16	NUG		%	-	-	-	-	-	-	-	-	-	-	-
17	Renewables [2]	Biofuels	%	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18		Biomass	%	-	-	-	-	-	-	-	-	-	-	-
19		Geothermal	%	-	-	-	-	-	-	-	-	-	-	-
20		Hydro	%	-	-	-	-	-	-	-	-	-	-	-
21		Landfill Gas	%	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22		MSW	%	-	-	-	-	-	-	-	-	-	-	-
23		Solar	%	-	-	-	-	-	-	-	-	-	-	-
24		Wind	%	-	-	-	-	-	-	-	-	-	-	-
25		Other	%	-	-	-	-	-	-	-	-	-	-	-
26		Total	%	0.8	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
27	Interchange		%	3.4	14.6	11.1	7.1	10.4	17.6	19.4	16.2	16.9	15.5	13.6
28	Net Energy for Load		%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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