



**Florida
Power**
CORPORATION

JAMES A. MCGEE
SENIOR COUNSEL

April 16, 1997

Ms. Blanca S. Bayó, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850

Re: Docket No. 970001-FI

Dear Ms. Bayó:

Enclosed herewith for filing with the Commission in the above-referenced docket are ten (10) copies of Florida Power Corporation's Schedules A-1 through A-9 for the month of March, 1997; revised pages 1-4 of February's Schedule A2; revised pages 1-4 of February's Schedule A3 (February 1997); and revised pages 1-4 of February's Schedule A3 (October 1996 through February 1997). Please note that we have highlighted the numbers that were changed in the revised February schedules.

- ACK
- AFA
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Please acknowledge your receipt of the above filing on the enclosed copy of this letter and return to the undersigned.

Very truly yours,

James A. McGee

cc: Parties of record

DOCUMENT NUMBER-DATE
03913 APR 17 5
FPSC-RECORDS/REPORTING

CALCULATION OF TRUE-UP AND INTEREST PROVISION
 FLORIDA POWER CORPORATION
 FEBRUARY 1997

SCHEDULE A2
 PAGE 1 OF 4

REVISED

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
A . FUEL COSTS AND NET POWER TRANSACTIONS								
1. FUEL COST OF SYSTEM NET GENERATION	\$28,868,489	\$29,520,822	(\$652,333)	(2.2)	\$180,797,808	\$151,853,759	\$28,944,049	19.1
1a. NUCLEAR FUEL DISPOSAL COST	0	453,006	(453,006)	(100.0)	0	2,512,390	(2,512,390)	(100.0)
2. FUEL COST OF POWER SOLD	(230,884)	(2,063,600)	1,832,716	(88.8)	(4,174,226)	(10,231,110)	6,056,884	(59.3)
2a. GAIN ON POWER SALES	(24,870)	(354,840)	329,770	(93.0)	(764,930)	(1,784,880)	999,950	(58.0)
3. FUEL COST OF PURCHASED POWER	3,780,587	374,040	3,406,547	910.7	19,110,758	5,086,410	14,024,348	275.7
3a. ENERGY PAYMENTS TO QUALIFYING FAC.	10,748,534	11,678,480	(929,946)	(8.0)	70,564,716	59,836,480	10,728,236	18.3
3b. DEMAND & NON FUEL COST OF PURCH POWER	113,600	113,600	0	0.0	568,000	568,000	0	0.0
4. ENERGY COST OF ECONOMY PURCHASES	2,158,860	1,682,876	475,784	28.3	16,293,793	6,246,443	10,047,350	160.9
5. TOTAL FUEL & NET POWER TRANSACTIONS	45,414,115	41,404,584	4,009,531	9.7	282,375,918	213,857,492	68,518,426	32.0
6. ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF SUPPLEMENTAL SALES	(1,872,269)	(1,442,610)	(429,659)	29.8	(4,786,253)	(7,059,700)	2,293,447	(32.5)
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	(357,183)	116,531	(473,714)	(406.5)	1,689,328	2,026,175	(336,847)	(16.6)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7. ADJUSTED TOTAL FUEL & NET PWR TRNS	\$43,184,663	\$40,078,505	\$3,106,158	7.8	\$279,298,994	\$208,823,967	\$70,475,027	33.8

FOOTNOTE: DETAIL OF LINE 6B ABOVE

INSPECTION & FUEL ANALYSIS REPORTS	1,168
PIPELINE EXPENSES APPLICABLE TO WHOLESALE	(4,195)
UNIV. OF FLA. STEAM REVENUE ALLOCATION	3,890
ADD'L ADJUSTMENT FOR 518.13 CLEANUP	(7,941)
INTERCESSION CITY GAS CONVERSION PROJECTS	88,738
INTERCESSION P11 STARTUP INEFFICIENCY	(438,833)
EMISSIONS	0
TANK BOTTOM ADJUSTMENT	0
TANK CLEANING & WASTE WATER REMOVAL	0
SUBTOTAL LINE 6B SHOWN ABOVE	(\$357,183)

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11-Apr-97

CALCULATION OF TRUE-UP AND INTEREST PROVISION
 FLORIDA POWER CORPORATION
 FEBRUARY 1997

SCHEDULE A2
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REVISED

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
B . SALES REVENUES (EXCLUDE REVENUE TAXES)								
1. JURISDICTIONAL SALES REVENUE								
1a. BASE FUEL REVENUE	\$0	\$0	\$0	0.0	\$0	\$0	\$0	0.0
1b. FUEL RECOVERY REVENUE	45,981,843	46,889,991	(928,148)	(2.0)	241,882,485	241,492,355	390,130	0.2
1c. JURISDICTIONAL FUEL REVENUE	45,981,843	46,889,991	(928,148)	(2.0)	241,882,485	241,492,355	390,130	0.2
1d. NON FUEL REVENUE	114,992,258	121,500,009	(6,507,751)	(5.4)	598,778,500	624,125,845	(25,347,145)	(4.1)
1a. TOTAL JURISDICTIONAL SALES REVENUE	160,954,101	168,390,000	(7,435,899)	(4.4)	840,630,985	865,618,000	(24,987,015)	(2.9)
2. NON JURISDICTIONAL SALES REVENUE	12,169,187	12,059,000	110,187	0.9	49,468,382	54,419,000	(4,950,618)	(9.1)
3. TOTAL SALES REVENUE	\$173,123,288	\$180,449,000	(\$7,325,712)	(4.1)	\$890,129,367	\$920,037,000	(\$29,907,633)	(3.3)
C. KWH SALES								
1. JURISDICTIONAL SALES	2,248,561,407	2,342,809,000	(94,047,593)	(4.0)	11,820,565,032	12,050,939,000	(230,373,968)	(2.0)
2. NON JURISDICTIONAL (WHOLESALE) SALES	90,842,914	60,434,000	30,408,914	50.3	489,169,087	388,708,000	102,463,087	26.5
3. TOTAL SALES	2,339,404,321	2,403,043,000	(63,638,679)	(2.7)	12,309,734,119	12,446,645,000	(136,910,881)	(1.1)
4. JURISDICTIONAL SALES % OF TOTAL SALES	96.12	97.49	(1.37)	(1.4)	96.03	96.89	(0.86)	(0.9)

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CALCULATION OF TRUE-UP AND INTEREST PROVISION
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 FEBRUARY 1997

SCHEDULE A2
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REVISED

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
D . TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE (LINE B1c)	\$45,981,843	\$46,889,991	(\$928,148)	(2.0)	\$241,882,485	\$241,492,355	\$390,130	0.2
2. ADJUSTMENTS: PRIOR PERIOD ADJ	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(7,807,781)	(7,807,781)	0	0.0	(39,038,905)	(39,038,905)	0	0.0
2b. INCENTIVE PROVISION	(254,383)	(249,496)	(4,887)	2.0	(1,271,916)	(1,247,480)	(24,436)	2.0
2c. OTHER: MARKET PRICE TRUE UP	0	39,168	(39,168)	(100.0)	0	195,840	(195,840)	(100.0)
3. TOTAL JURISDICTIONAL FUEL REVENUE	37,899,879	38,871,882	(972,203)	(2.5)	201,571,864	201,401,810	169,854	0.1
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	43,184,663	40,078,505	3,106,158	7.8	279,298,954	208,823,967	70,475,027	33.8
5. JURISDICTIONAL SALES % OF TOT SALES (LINE C4)	96.12	97.49	(1.37)	(1.4)				
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE D4 * LINE D5 * .13% "LINE LOSSES")	41,563,060	39,121,378	2,441,682	6.2	268,652,386	202,649,290	66,003,096	32.6
7. TRUE UP PROVISION FOR THE MONTH OVER(UNDER) COLLECTION (LINE D3 - D6)	(3,683,381)	(249,496)	(3,413,885)	0.0	(67,080,722)	(1,247,480)	(65,833,242)	0.0
8. INTEREST PROVISION FOR THE MONTH (LINE E10)	(428,024)				(1,776,474)			
9. TRUE UP & INT PROVISION BEG OF MONTH/PERIOD	(92,583,569)				(59,049,902)			
10. TRUE UP COLLECTED (REFUNDED)	7,807,781				39,038,905			
11. END OF PERIOD TOTAL NET TRUE UP (LINES D7 + D8 + D9 + D10)	(88,868,193)				(88,868,193)			
12. OTHER:	0				0			
13. END OF PERIOD TOTAL NET TRUE UP (LINES D11 + D12)	(88,868,193)				(88,868,193)			

CALCULATION OF TRUE-UP AND INTEREST PROVISION
 FLORIDA POWER CORPORATION
 FEBRUARY 1997

REVISED

	CURRENT MONTH				PERIOD TO DATE		
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE
E . INTEREST PROVISION							
1. BEGINNING TRUE UP (LINE D9)	(\$92,583,569)	N/A	--	--			
2. ENDING TRUE UP (LINES D7 + D9 + D10)	(88,439,169)	N/A	--	--			NOT
3. TOTAL OF BEGINNING & ENDING TRUE UP	(181,022,738)	N/A	--	--			
4. AVERAGE TRUE UP (50% OF LINE E3)	(90,511,369)	N/A	--	--			
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	5.430	N/A	--	--			
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	5.950	N/A	--	--			
7. TOTAL (LINE E5 + LINE E6)	11.380	N/A	--	--			APPLICABLE
8. AVERAGE INTEREST RATE (50% OF LINE E7)	5.690	N/A	--	--			
9. MONTHLY AVERAGE INTEREST RATE (LINE E8/12)	0.474	N/A	--	--			
10. INTEREST PROVISION (LINE E4 * LINE E9)	(\$429,024)	N/A	--	--			

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA

Feb 97

Schedule A-3

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
NET GENERATION (\$)					
1	HEAVY OIL	9,310,108	2,779,718	6,530,390	234.9%
2	LIGHT OIL	965,061	1,834,106	-849,045	-46.3%
3	COAL	16,446,490	22,380,169	-5,933,679	-26.5%
4	GAS	2,118,889	858,756	1,260,133	146.7%
5	NUCLEAR	7,941	1,668,073	-1,660,132	-99.5%
6					
7					
8	TOTAL (\$)	28,868,489	29,520,822	-652,333	-2.2%
SYSTEM NET GENERATION (MWH)					
9	HEAVY OIL	356,130	92,933	263,197	283.2%
10	LIGHT OIL	15,517	28,671	-13,154	-45.9%
11	COAL	939,721	1,240,537	-300,816	-24.2%
12	GAS	69,418	32,851	36,567	111.3%
13	NUCLEAR	0	484,498	-484,498	-100.0%
14					
15					
16	TOTAL (MWH)	1,380,785	1,879,490	-498,705	-26.5%
UNITS OF FUEL BURNED					
17	HEAVY OIL (BBL)	546,856	167,076	379,780	227.3%
18	LIGHT OIL (BBL)	33,476	70,078	-36,602	-52.2%
19	COAL (TON)	355,892	459,550	-103,658	-22.6%
20	GAS (MCF)	744,060	393,657	350,403	89.0%
21	NUCLEAR (MMBTU)	0	5,054,769	-5,054,769	-100.0%
22					
23					

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA
Schedule A-3

Feb 97

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
BTUS BURNED (MILLION BTU)					
24	HEAVY OIL	3,568,036	1,069,284	2,498,752	233.7%
25	LIGHT OIL	195,449	408,451	-211,002	-51.9%
26	COAL	8,938,320	11,538,336	-2,600,016	-22.5%
27	GAS	780,577	393,657	386,920	98.3%
28	NUCLEAR	0	5,054,768	-5,054,768	-100.0%
29					
30					
31	TOTAL (MILLION BTU)	13,482,382	18,462,496	-4,980,114	-27.0%
GENERATION MIX (% MWH)					
32	HEAVY OIL	25.8	4.9	20.8	421.6%
33	LIGHT OIL	1.1	1.5	-0.4	-28.3%
34	COAL	68.1	66.0	2.1	3.1%
35	GAS	5.0	1.7	3.3	187.6%
36	NUCLEAR	0.0	25.8	-25.8	-100.0%
37					
38					
39	TOTAL (% MWH)	100.0	100.0	0.0	0.0%

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA
Schedule A-3

Feb 97

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
FUEL COST PER UNIT (\$)					
40	HEAVY OIL (\$/BBL)	17.02	16.64	0.39	2.3%
41	LIGHT OIL (\$/BBL)	29.43	26.17	3.25	12.4%
42	COAL (\$/TON)	46.21	48.70	-2.49	-5.1%
43	GAS (\$/MCF)	2.85	2.18	0.67	30.5%
44	NUCLEAR (\$/MBTU)	0.00	0.33	-0.33	-100.0%
45					
46					
FUEL COST PER MILLION BTU (\$/MILLION BTU)					
47	HEAVY OIL	2.61	2.60	0.01	0.4%
48	LIGHT OIL	5.04	4.51	0.53	11.7%
49	COAL	1.84	1.94	-0.10	-5.1%
50	GAS	2.71	2.18	0.53	24.4%
51	NUCLEAR	0.00	0.33	-0.33	-100.0%
52					
53					
54	SYSTEM (\$/MBTU)	2.14	1.60	0.54	33.9%
BTU BURNED PER KWH (BTU/KWH)					
55	HEAVY OIL	10,019	11,506	-1,487	-12.9%
56	LIGHT OIL	12,598	14,176	-1,580	-11.15%
57	COAL	9,512	9,301	211	2.3%
58	GAS	11,245	11,983	-738	-6.2%
59	NUCLEAR	0	10,433	-10,433	-100.0%
60					
61					
62	SYSTEM (BTU/KWH)	9,764	9,823	-59	-0.6%

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA

Feb 97

Schedule A-3

FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 HEAVY OIL	2.61	2.99	-0.38	-12.6%
64 LIGHT OIL	6.35	6.40	-0.05	-0.8%
65 COAL	1.75	1.80	-0.05	-3.0%
66 GAS	3.05	2.61	0.44	16.8%
67 NUCLEAR	0.00	0.34	-0.34	-100.0%
68				
69				
70 SYSTEM (CENTS/KWH)	2.09	1.57	0.52	33.1%

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA

Oct 96 Thru Feb 97

Schedule A-3

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
NET GENERATION (\$)					
1	HEAVY OIL	45,352,140	15,435,622	29,916,518	193.8%
2	LIGHT OIL	10,075,431	8,235,885	1,839,546	22.3%
3	COAL	108,114,571	114,217,142	-6,102,571	-5.3%
4	GAS	15,825,221	4,700,301	11,124,920	236.7%
5	NUCLEAR	1,430,444	9,264,809	-7,834,365	-84.6%
6					
7					
8	TOTAL (\$)	180,797,807	151,853,759	28,944,048	19.1%
SYSTEM NET GENERATION (MWH)					
9	HEAVY OIL	1,598,242	580,680	1,017,562	175.2%
10	LIGHT OIL	157,792	131,747	26,045	19.8%
11	COAL	5,992,714	6,386,167	-393,453	-6.2%
12	GAS	442,815	165,512	277,303	167.5%
13	NUCLEAR	0	2,687,047	-2,687,047	-100.0%
14					
15					
16	TOTAL (MWH)	8,191,563	9,951,153	-1,759,590	-17.7%
UNITS OF FUEL BURNED					
17	HEAVY OIL (BBL)	2,468,783	945,510	1,543,273	163.2%
18	LIGHT OIL (BBL)	347,779	320,214	27,565	8.6%
19	COAL (TON)	2,270,134	2,372,960	-102,826	-4.3%
20	GAS (MCF)	4,803,320	2,026,453	2,776,867	137.0%
21	NUCLEAR (MMBTU)	0	28,075,181	-28,075,181	-100.0%
22					
23					

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA
Schedule A-3

Oct 96 Thru Feb 97

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
BTUS BURNED (MILLION BTU)					
24	HEAVY OIL	16,141,480	6,051,265	10,090,215	166.7%
25	LIGHT OIL	2,032,492	1,857,235	175,257	9.4%
26	COAL	56,778,751	59,629,785	-2,851,034	-4.8%
27	GAS	5,012,315	2,026,453	2,985,862	147.3%
28	NUCLEAR	0	28,075,180	-28,075,180	-100.0%
29					
30					
31	TOTAL (MILLION BTU)	79,965,038	97,639,918	-17,674,880	-18.1%
GENERATION MIX (% MWH)					
32	HEAVY OIL	19.5	5.8	13.7	234.4%
33	LIGHT OIL	1.9	1.3	0.6	45.5%
34	COAL	73.2	64.2	9.0	14.0%
35	GAS	5.4	1.7	3.7	225.0%
36	NUCLEAR	0.0	27.0	-27.0	-100.0%
37					
38					
39	TOTAL (% MWH)	100.0	100.0	0.0	0.0%

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA

Oct 96 Thru Feb 97

Schedule A-3

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
FUEL COST PER UNIT (\$)					
40	HEAVY OIL (\$/BBL)	18.22	16.33	1.90	11.6%
41	LIGHT OIL (\$/BBL)	28.97	25.72	3.25	12.6%
42	COAL (\$/TON)	47.62	48.13	-0.51	-1.1%
43	GAS (\$/MCF)	3.29	2.32	0.98	42.0%
44	NUCLEAR (\$/MBTU)	0.00	0.33	-0.33	-100.0%
45					
46					
FUEL COST PER MILLION BTU (\$/MILLION BTU)					
47	HEAVY OIL	2.81	2.55	0.26	10.1%
48	LIGHT OIL	4.96	4.43	0.52	11.8%
49	COAL	1.90	1.92	-0.01	-0.6%
50	GAS	3.16	2.32	0.84	36.1%
51	NUCLEAR	0.00	0.33	-0.33	-100.0%
52					
53					
54	SYSTEM (\$/MBTU)	2.26	1.56	0.71	45.4%
BTU BURNED PER KWH (BTU/KWH)					
55	HEAVY OIL	10,100	10,421	-321	-3.1%
56	LIGHT OIL	12,881	14,097	-1,216	-8.63%
57	COAL	9,475	9,337	137	1.5%
58	GAS	11,319	12,244	-924	-7.5%
59	NUCLEAR	0	10,448	-10,448	-100.0%
60					
61					
62	SYSTEM (BTU/KWH)	9,762	9,812	-50	-0.5%

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA

Oct 96 Thru Feb 97

Schedule A-3

FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 HEAVY OIL	2.84	2.66	0.18	6.7%
64 LIGHT OIL	6.39	6.25	0.13	2.1%
65 COAL	1.80	1.79	0.02	0.9%
66 GAS	3.57	2.84	0.73	25.8%
67 NUCLEAR	0.00	0.34	-0.34	-100.0%
68				
69				
70 SYSTEM (CENTS/KWH)	2.21	1.53	0.68	44.6%