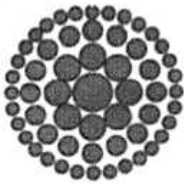


ORIGINAL



Florida Power
CORPORATION

JAMES A. MCGEE
SENIOR COUNSEL

October 23, 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-EI

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 September, 1997, and a Revised Schedule A-9 for August, 1997.

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

Very truly yours,

for James A. McGee

ACK _____

AFA 2/Handover

APP _____

CAF _____

CMU _____

CTR _____

EAC Bohannon JAM/sl
Enclosures

LEI _____ cc: Parties of record

3

1 RECEIVED & FILED

WAS _____

OTH _____ SPECIAL AGENT OF RECORDS

GENERAL OFFICE

3201 Thirty-fourth Street South; Post Office Box 14042, St. Petersburg, Florida 33733-4042; (813) 866-5184 · Fax: (813) 866-1001

A Florida Progress Company

DOCUMENT NUMBER-DATE

10995 OCT 24 5

FPSC-RECORDS/REPORTING

CERTIFICATE OF SERVICE

Docket No. 970001-EI

I HEREBY CERTIFY that a true copy of Florida Power Corporation's Schedules A-1 through A-9 for the month of September, 1997, and Revised Schedule A-9 for July, 1997, have been furnished to the following individuals by regular U.S. mail this 23rd day of October, 1997:

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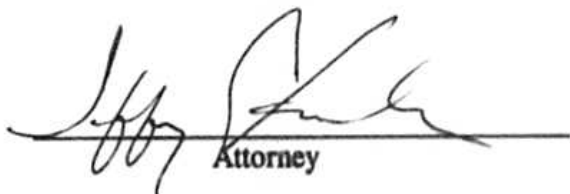
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Attorney

FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
SIX MONTH PERIOD ENDING - SEPTEMBER, 1997

CENTS/KWH

MWH

	ACTUAL	ESTIMATED	DIFFERENCE	ACTUAL	ESTIMATED	DIFFERENCE	ACTUAL	ESTIMATED	DIFFERENCE
			AMOUNT			AMOUNT			AMOUNT
			%			%			%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	304,087,711	348,198,433	58,901,278	13,878,312	14,188,910	(320,598)	2,237	1,7484	0.783
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	2,828,180	(2,828,180)	0	3,022,663	(3,022,663)	0.000	0.0000	(100.0)
3 COAL CAR INVESTMENT	0	0	0	0	0	0	0.000	0.0000	0.0
3b NUCLEAR DECOMMISSIONING AND DECONTAMINATION	47,847	0	47,847	0	0	47,847	0.000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(8,138,696)	1,403,322	(10,541,787)	(387,669)	0	(387,669)	2.4853	0.0000	2.4853
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0	0	0	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	295,950,853	352,433,645	56,482,792	13,307,752	14,188,910	(885,157)	2,2188	1.7782	0.4388
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	28,892,472	23,884,880	5,007,592	1,391,473	1,348,361	43,112	1.8634	1.8221	(0.0413)
7 ENERGY COST OF SCH C X ECONOMY PURCHASES - BROKER (SCH A9)	14,648,288	18,882,810	(4,234,522)	444,608	630,000	(185,392)	3.2432	2.8487	0.3945
8 ENERGY COST OF ECONOMY PURCHASES - NON-BROKER (SCH A9)	18,887,817	1,708,387	14,898,230	840,862	84,911	755,951	2.8827	1.8988	0.9839
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	0	0	0	0	0	0	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	881,820	625,238	(256,582)	0	81,871	(81,871)	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	71,438,801	78,048,880	(7,609,889)	3,471,373	3,883,457	(412,084)	2.0880	2.0883	(0.0003)
12 TOTAL COST OF PURCHASED POWER	128,828,778	124,021,173	4,807,605	6,942,014	6,987,319	(45,305)	2.1881	2.1174	0.0687
13 TOTAL AVAILABLE MWH	18,288,787	20,083,228	(1,794,441)	18,288,787	20,083,228	(1,794,441)			
14 FUEL COST OF ECONOMY SALES (BROKER) (SCH A6)	(1,074,888)	(8,378,410)	8,303,522	(90,111)	(478,000)	408,889	1.7877	1.8864	(0.0987)
14a GAIN ON ECONOMY SALES (BROKER) - 80% (SCH A4)	(187,373)	(1,848,750)	1,661,377	(60,111)	(478,000)	408,889	0.2818	0.2818	0.0000
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(4,044,034)	0	(4,044,034)	(133,287)	0	(133,287)	3.0338	0.0000	3.0338
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(1,888,134)	0	(1,888,134)	(133,287)	0	(133,287)	1.2417	0.0000	1.2417
16 FUEL COST OF SEMIKOLE BACK-UP SALES (SCH A6)	(8,887,887)	(8,018,247)	869,640	(274,321)	(332,785)	58,464	0.0000	0.0000	0.0
17 TOTAL COST OF SUPPLEMENTAL SALES	(16,818,823)	(20,243,377)	4,024,554	(487,728)	(662,785)	175,057	3.3883	2.8217	0.5666
18 TOTAL FUEL COST AND GAINS ON POWER SALES	408,318,849	358,203,741	50,115,107	18,803,085	18,288,787	514,298	3.1715	1.8804	1.2911
19 NET INADVERTENT AND WHEELED INTERCHANGE	18,378,889	11,377,715	7,001,174	(846,367)	(825,012)	(21,355)	0.1089	0.0982	0.1007
20 TOTAL FUEL AND NET POWER TRANSACTIONS	426,697,738	369,581,456	57,116,282	18,000,000	18,000,000	0	0.0087	0.0088	(0.0001)
21 NET UNBILLED	1,480,884	1,878,548	(397,664)	(1,004,109)	(1,077,191)	73,082	0.1284	0.1142	0.0142
22 COMPANY USE	21,867,838	18,833,027	3,034,811	18,000,000	18,000,000	0	2.4188	2.0402	0.3786
23 T & O LOSSES	408,318,849	384,303,741	24,015,107	(488,759)	(527,878)	39,119	2.3887	2.8481	(0.4594)
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 4)	11,813,750	12,808,352	(994,602)	18,384,888	18,331,485	(53,403)	2.4186	2.0402	0.3784
25 WHOLESALE KWH SALES (EXCLUDING SUPPLEMENTAL SALES)	388,403,066	343,384,389	45,018,677	18,384,888	18,331,485	(53,403)	2.4186	2.0402	0.3784
26 JURISDICTIONAL KWH SALES	388,403,066	343,384,389	45,018,677	18,384,888	18,331,485	(53,403)	2.4186	2.0402	0.3784
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00%	388,403,066	343,384,389	45,018,677	18,384,888	18,331,485	(53,403)	2.4186	2.0402	0.3784
28 PRIOR PERIOD TRUE-UP	28,187,588	47,121,204	(18,933,616)	18,384,888	18,331,485	(53,403)	0.0000	0.0000	0.0000
28a MARKET PRICE TRUE-UP	0	0	0	18,384,888	18,331,485	(53,403)	0.0000	0.0000	0.0000
29 TOTAL JURISDICTIONAL FUEL COST	425,115,865	380,952,005	44,163,860	18,384,888	18,331,485	(53,403)	2.5840	2.3228	0.2612
30 REVENUE TAX FACTOR	1,0083	1,0083	0.0000	1,0083	1,0083	0.0000	1.0083	1.0083	0.0000
31 FUEL COST ADJUSTED FOR TAXES	431,678	431,678	0	18,384,888	18,331,485	(53,403)	2.5888	2.3287	0.2601
32 GPFF	0	0	0	0	0	0	0.0028	0.0028	0.0000
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH	2.5888	2.3287	0.2601	2.5888	2.3287	0.2601	2.5888	2.3287	0.2601

CALCULATION OF TRUE-UP AND INTEREST PROVISION
 FLORIDA POWER CORPORATION
 SEPTEMBER

SCHEDULE A2
 PAGE 1 OF 4

	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	\$55,470,313	\$45,095,431	\$9,474,882	20.8	\$304,097,711	\$248,108,433	\$55,901,278	22.5
1a. NUCLEAR FUEL DISPOSAL COST	\$0	482,518	(482,518)	(100.0)	0	2,828,190	(2,828,190)	(100.0)
1b. NUCLEAR DECORN & DECORN	\$7,941	0	7,941	100.0	47,647	0	47,647	100.0
2. FUEL COST OF POWER SOLD	(\$903,983)	(2,338,600)	1,434,617	(81.4)	(5,118,638)	(9,378,410)	4,259,772	(45.4)
2a. GAIN ON POWER SALES	(\$188,950)	(432,980)	244,030	(81.4)	(1,812,498)	(1,948,720)	136,222	(2.0)
3. FUEL COST OF PURCHASED POWER	\$4,470,118	4,730,280	(260,142)	(5.5)	25,950,473	23,994,980	1,955,493	6.9
3a. ENERGY PAYMENTS TO QUALIFYING FAC.	\$12,515,548	13,118,980	(603,432)	(4.8)	71,439,801	79,049,880	(7,609,859)	(8.8)
3b. DEMAND & NON FUEL COST OF PURCH POWER	\$113,800	112,317	1,283	1.1	681,800	685,338	(3,738)	(0.8)
4. ENERGY COST OF ECONOMY PURCHASES	\$8,128,883	3,351,728	2,775,137	82.8	31,158,905	20,291,197	10,865,708	53.8
5. TOTAL FUEL & NET POWER TRANSACTIONS	77,833,470	64,999,870	12,833,600	19.4	428,143,002	383,816,688	44,326,314	17.1
6. ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF SUPPLEMENTAL SALES	(\$3,778,347)	(2,945,403)	(832,947)	28.3	(8,647,888)	(9,018,247)	328,559	(3.8)
6b. OTHER - JURISDICTIONAL ADJUSTMENTS (see detail below)	(\$3,503,481)	278,977	(3,782,488)	(1,355.8)	(9,138,485)	1,403,322	(10,541,787)	(751.2)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	\$0	0	0	0.0	0	0	0	0.0
7. ADJUSTED TOTAL FUEL & NET PWR TRNS	\$70,351,832	\$62,333,247	\$8,018,385	12.9	\$408,318,850	\$358,203,741	\$52,113,109	14.8

FOOTNOTE: DETAIL OF LINE 6B ABOVE

INSPECTION & FUEL ANALYSIS REPORTS (Wholesale Portion)	1,809	0	1,809	10.124	0	10,124
PIPELINE EXPENSES (Wholesale Portion)	3,441	0	3,441	18,997	0	18,997
UNIV. OF FLA. STEAM REVENUE ALLOCATION (Wholesale Portion)	3,840	0	3,840	17,580	0	17,580
ADD'L ADJUSTMENT FOR 518.13 CLEANUP	(7,941)	0	(7,941)	(47,647)	0	(47,647)
GAS CONVERSION PROJECTS. (DEPRECIATION & RETURN)	257,184	278,977	(21,793)	983,812	1,403,322	(419,510)
EMISSIONS	0	0	0	295	0	295
TANK BOTTOM ADJUSTMENT (Grossed up)	25,109	0	25,109	(878,274)	0	(878,274)
SLUDE REMOVAL ANCLOTE PIPELINE (System)	0	0	0	377	0	377
TIGER BAY NET GENERATION	(3,788,533)	0	(3,788,533)	(9,442,428)	0	(9,442,428)
SUBTOTAL LINE 6B SHOWN ABOVE	(\$3,503,481)	278,977	(3,782,488)	(9,138,485)	1,403,322	(10,541,787)

**CALCULATION OF TRUE-UP AND INTEREST PROVISION
FLORIDA POWER CORPORATION
SEPTEMBER**

SCHEDULE A2
PAGE 2 OF 4

	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	63,921,414	73,351,227	(9,429,813)	(12.9)	340,979,336	390,962,002	(49,982,666)	(12.8)
1c. JURISDICTIONAL FUEL REVENUE	63,921,414	73,351,227	(9,429,813)	(12.9)	340,979,336	390,962,002	(49,982,666)	(12.8)
1d. NON FUEL REVENUE	155,973,196	170,899,773	(14,926,577)	(8.7)	832,651,450	909,415,988	(76,764,548)	(8.4)
1e. TOTAL JURISDICTIONAL SALES REVENUE	219,894,610	244,251,000	(24,356,390)	(10.0)	1,173,630,786	1,300,378,000	(126,747,214)	(9.8)
2. NON JURISDICTIONAL SALES REVENUE	17,982,544	16,997,000	985,544	5.8	60,224,247	75,119,000	(14,894,753)	(19.8)
3. TOTAL SALES REVENUE	\$237,877,153	\$261,248,000	(\$23,370,847)	(9.0)	\$1,233,855,033	\$1,375,497,000	(\$141,641,967)	(10.3)
C . KWH SALES								
1. JURISDICTIONAL SALES	3,037,547,659	3,157,868,000	(120,320,341)	(3.8)	16,384,587,434	16,831,485,000	(446,897,566)	(2.7)
2. NON JURISDICTIONAL (WHOLESALE) SALES	114,680,852	130,593,000	(15,912,148)	(12.2)	499,758,062	627,876,000	(128,117,938)	(20.6)
3. TOTAL SALES	3,152,228,511	3,288,461,000	(136,232,489)	(4.1)	16,883,345,496	17,459,361,000	(576,015,504)	(3.3)
4. JURISDICTIONAL SALES % OF TOTAL SALES	96.36	96.03	0.33	0.3	97.05	96.40	0.65	0.7

CALCULATION OF TRUE-UP AND INTEREST PROVISION
 FLORIDA POWER CORPORATION
 SEPTEMBER

SCHEDULE A2
 PAGE 3 OF 4

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
D . TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE (LINE D1e)	63,821,414	\$73,351,227	(\$9,429,813)	(12.9)	\$340,979,336	\$390,962,002	(\$49,982,666)	(12.8)
2. ADJUSTMENTS: PRIOR PERIOD ADJ	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(1,545,652)	(7,853,531)	6,307,879	(80.3)	(28,197,558)	(47,121,201)	18,923,643	(40.2)
2b. INCENTIVE PROVISION	(71,886)	(71,886)	0	0.0	(431,316)	(431,316)	0	0.0
2a. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	62,303,876	65,425,810	(3,121,934)	(4.8)	312,350,462	343,409,485	(31,059,023)	(9.0)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	70,351,632	62,333,247	8,018,385	12.9	408,316,850	356,203,741	52,113,109	14.6
5. JURISDICTIONAL SALES % OF TOT SALES (LINE C4)	96.36	96.03	0.33	0.3				
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE D4 * LINE D5 * .16% "LINE LOSSES")	67,699,298	59,935,654	7,963,644	13.3	396,918,409	343,840,801	53,077,608	15.4
7. TRUE UP PROVISION FOR THE MONTH OVER/UNDER COLLECTION (LINE D3 - D6)	(5,595,422)	5,490,156	(11,085,578)	0.0	(84,567,947)	(431,316)	(84,136,631)	0.0
8. INTEREST PROVISION FOR THE MONTH (LINE E10)	(230,053)				(1,988,546)			
9. TRUE UP & INT PROVISION DEG OF MONTH/PERIOD	(53,394,955)				(94,988,076)			
10. TRUE UP COLLECTED (REFUNDED)	1,545,652				28,197,558			
11. END OF PERIOD TOTAL NET TRUE UP (LINES D7 + D8 + D9 + D10)	(57,674,778)				(153,357,011)			
12. OTHER: TRUE-UP FOR LAKE COGEN 72/28 CAPACITY ENERGY SPLIT DEC-MAY IMPLEMENTATION OF STIPULATION APPROVED IN DOCKET # 870281-E1	11,249,803				107,892,645			
12. END OF PERIOD TOTAL NET TRUE UP (LINES D11 + D12)	(46,424,975)				(46,424,975)			

CALCULATION OF TRUE-UP AND INTEREST PROVISION
 FLORIDA POWER CORPORATION
 SEPTEMBER

SCHEDULE A2
 PAGE 4 OF 4

	CURRENT MONTH				PERIOD TO DATE		
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE
E . INTEREST PROVISION							
1. BEGINNING TRUE UP (LINE D9)	(153,394,855)	N/A	-	-			
2. ENDING TRUE UP (LINES D7 + D9 + D10 + D12)	(46,194,822)	N/A	-	-			NOT
3. TOTAL OF BEGINNING & ENDING TRUE UP	(99,589,677)	N/A	-	-			
4. AVERAGE TRUE UP (50% OF LINE E3)	(49,794,838)	N/A	-	-			
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	5.560	N/A	-	-			
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	5.530	N/A	-	-			
7. TOTAL (LINE E5 + LINE E6)	11.090	N/A	-	-			APPLICABLE
8. AVERAGE INTEREST RATE (50% OF LINE E7)	5.545	N/A	-	-			
9. MONTHLY AVERAGE INTEREST RATE (LINE E8/12)	0.462	N/A	-	-			
10. INTEREST PROVISION (LINE E4 * LINE E9)	(1230,053)	N/A	-	-			

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09-Oct-97

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA

Sep 97
FINAL

Schedule A-3

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
NET GENERATION (\$)					
1	HEAVY OIL	17,468,179	13,188,136	4,280,043	32.5%
2	LIGHT OIL	2,605,729	2,488,384	117,345	4.7%
3	COAL	24,872,649	25,715,229	-842,580	-3.3%
4	GAS	10,523,756	2,898,628	7,625,128	203.1%
5	NUCLEAR	0	1,705,053	-1,705,053	-100.0%
6					
7					
8	TOTAL (\$)	55,470,313	45,995,430	9,474,883	20.6%
SYSTEM NET GENERATION (MWH)					
9	HEAVY OIL	685,750	507,277	178,473	35.2%
10	LIGHT OIL	42,295	39,020	3,275	8.4%
11	COAL	1,408,468	1,426,617	-18,149	-1.3%
12	GAS	321,952	92,334	229,618	248.7%
13	NUCLEAR	0	494,670	-494,670	-100.0%
14					
15					
16	TOTAL (MWH)	2,458,465	2,559,918	-101,453	-4.0%
UNITS OF FUEL BURNED					
17	HEAVY OIL (BBL)	1,054,618	768,649	285,969	37.2%
18	LIGHT OIL (BBL)	98,357	89,926	8,431	9.4%
19	COAL (TON)	536,455	538,435	-1,980	-0.4%
20	GAS (MCF)	3,261,010	1,047,363	2,213,647	211.4%
21	NUCLEAR (MMBTU)	0	5,166,828	-5,166,828	-100.0%
22					
23					

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA

Sep 97
FINAL

Schedule A-3

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
BTUS BURNED (MILLION BTU)					
24	HEAVY OIL	6,930,124	4,919,351	2,010,773	40.9%
25	LIGHT OIL	554,174	521,571	32,593	6.2%
26	COAL	13,507,997	13,533,211	-25,214	-0.2%
27	GAS	3,417,102	1,047,363	2,369,739	226.3%
28	NUCLEAR	0	5,166,828	-5,166,828	-100.0%
29					
30					
31	TOTAL (MILLION BTU)	24,409,388	25,188,324	-778,936	-3.1%
GENERATION MIX (% MWH)					
32	HEAVY OIL	27.9	19.8	8.1	40.8%
33	LIGHT OIL	1.7	1.5	0.2	12.9%
34	COAL	57.3	55.7	1.6	2.8%
35	GAS	13.1	3.6	9.5	263.1%
36	NUCLEAR	0.0	19.3	-19.3	-100.0%
37					
38					
39	TOTAL (% MWH)	100.0	100.0	0.0	0.0%

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FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
FUEL COST PER UNIT (\$)					
40	HEAVY OIL (\$/BBL)	16.56	17.16	-0.59	-3.5%
41	LIGHT OIL (\$/BBL)	26.49	27.67	-1.18	-4.3%
42	COAL (\$/TON)	46.36	47.76	-1.39	-2.9%
43	GAS (\$/MCF)	3.23	2.77	0.46	16.6%
44	NUCLEAR (\$/MBTU)	0.00	0.33	-0.33	-100.0%
45					
46					
FUEL COST PER MILLION BTU (\$/MILLION BTU)					
47	HEAVY OIL	2.52	2.68	-0.16	-6.0%
48	LIGHT OIL	4.70	4.77	-0.07	-1.4%
49	COAL	1.84	1.90	-0.06	-3.1%
50	GAS	3.08	2.77	0.31	11.3%
51	NUCLEAR	0.00	0.33	-0.33	-100.0%
52					
53					
54	SYSTEM (\$/MBTU)	2.27	1.83	0.45	24.4%
BTU BURNED PER KWH (BTU/KWH)					
55	HEAVY OIL	10,106	9,698	408	4.2%
56	LIGHT OIL	13,102	13,367	-264	-1.98%
57	COAL	9,591	9,486	104	1.1%
58	GAS	10,614	11,343	-730	-6.4%
59	NUCLEAR	0	10,445	-10,445	-100.0%
60					
61					
62	SYSTEM (BTU/KWH)	9,929	9,840	89	0.9%

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FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
GENERATED FUEL COST PER KWH (CENTS/KWH)					
63	HEAVY OIL	2.55	2.60	-0.05	-2.0%
64	LIGHT OIL	6.16	6.38	-0.22	-3.4%
65	COAL	1.77	1.80	-0.04	-2.0%
66	GAS	3.27	3.14	0.13	4.1%
67	NUCLEAR	0.00	0.34	-0.34	-100.0%
68					
69					
70	SYSTEM (CENTS/KWH)	2.26	1.80	0.46	25.6%

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GENERATING SYSTEM COMPARATIVE DATA

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FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
NET GENERATION (\$)					
1	HEAVY OIL	88,319,791	63,978,938	24,340,853	38.0%
2	LIGHT OIL	20,690,461	12,731,601	7,958,860	62.5%
3	COAL	152,089,938	144,969,000	7,120,938	4.9%
4	GAS	42,997,520	16,087,485	26,910,035	167.3%
5	NUCLEAR	0	10,429,407	-10,429,407	-100.0%
6					
7					
8	TOTAL (\$)	304,097,711	248,196,431	55,901,280	22.5%
SYSTEM NET GENERATION (MWH)					
9	HEAVY OIL	3,539,118	2,408,656	1,130,462	46.9%
10	LIGHT OIL	321,899	197,945	123,754	62.5%
11	COAL	8,420,115	8,049,219	370,896	4.6%
12	GAS	1,394,379	517,427	876,952	169.5%
13	NUCLEAR	0	3,022,663	-3,022,663	-100.0%
14					
15					
16	TOTAL (MWH)	13,675,312	14,195,910	-520,598	-3.7%
UNITS OF FUEL BURNED					
17	HEAVY OIL (BBL)	5,514,793	3,702,961	1,811,832	48.9%
18	LIGHT OIL (BBL)	761,558	457,005	304,553	66.6%
19	COAL (TON)	3,216,640	3,047,699	168,941	5.5%
20	GAS (MCF)	14,901,750	5,794,074	9,107,676	157.2%
21	NUCLEAR (MMBTU)	0	31,604,270	-31,604,270	-100.0%
22					
23					

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FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
BTUS BURNED (MILLION BTU)					
24	HEAVY OIL	36,123,265	23,698,951	12,424,314	52.4%
25	LIGHT OIL	4,391,204	2,650,623	1,740,581	65.7%
26	COAL	80,533,939	76,612,916	3,921,023	5.1%
27	GAS	15,579,839	5,794,074	9,785,765	168.9%
28	NUCLEAR	0	31,604,270	-31,604,270	-100.0%
29					
30					
31	TOTAL (MILLION BTU)	136,628,247	140,360,834	-3,732,587	-2.7%
GENERATION MIX (% MWH)					
32	HEAVY OIL	25.9	17.0	8.9	52.5%
33	LIGHT OIL	2.4	1.4	1.0	68.7%
34	COAL	61.6	56.7	4.9	8.6%
35	GAS	10.2	3.6	6.6	179.7%
36	NUCLEAR	0.0	21.3	-21.3	-100.0%
37					
38					
39	TOTAL (% MWH)	100.0	100.0	0.0	0.0%

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FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
FUEL COST PER UNIT (\$)					
40	HEAVY OIL (\$/BBL)	16.02	17.28	-1.26	-7.3%
41	LIGHT OIL (\$/BBL)	27.17	27.86	-0.69	-2.5%
42	COAL (\$/TON)	47.28	47.57	-0.28	-0.6%
43	GAS (\$/MCF)	2.89	2.78	0.11	3.9%
44	NUCLEAR (\$/MBTU)	0.00	0.33	-0.33	-100.0%
45					
46					
FUEL COST PER MILLION BTU (\$/MILLION BTU)					
47	HEAVY OIL	2.44	2.70	-0.25	-9.4%
48	LIGHT OIL	4.71	4.80	-0.09	-1.9%
49	COAL	1.89	1.89	0.00	-0.2%
50	GAS	2.76	2.78	-0.02	-0.6%
51	NUCLEAR	0.00	0.33	-0.33	-100.0%
52					
53					
54	SYSTEM (\$/MBTU)	2.23	1.77	0.46	25.9%
BTU BURNED PER KWH (BTU/KWH)					
55	HEAVY OIL	10,207	9,839	368	3.7%
56	LIGHT OIL	13,650	13,391	259	1.94%
57	COAL	9,564	9,518	46	0.5%
58	GAS	11,173	11,198	-25	-0.2%
59	NUCLEAR	0	10,456	-10,456	-100.0%
60					
61					
62	SYSTEM (BTU/KWH)	9,991	9,887	103	1.0%

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FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
GENERATED FUEL COST PER KWH (CENTS/KWH)					
63	HEAVY OIL	2.50	2.66	-0.16	-6.0%
64	LIGHT OIL	6.43	6.43	0.00	0.0%
65	COAL	1.81	1.80	0.01	0.3%
66	GAS	3.08	3.11	-0.03	-0.8%
67	NUCLEAR	0.00	0.35	-0.35	-100.0%
68					
69					
70	SYSTEM (CENTS/KWH)	2.22	1.75	0.48	27.2%

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(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 (%)	AVG 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 (\$)
Steam													
Anriote													
UNIT 1	511	222,852.00	61			9,970				2,221,724	5,675,248	2.547	
		222,683.08					#6	337,400	6.580	2,220,040	5,667,835	2.545	16.799
		168.92					#2	290	5.807	1,684	7,413	4.388	25.562
UNIT 2	511	238,072.00	65			9,879				2,351,883	6,012,914	2.526	
		237,607.47					#6	356,740	6.580	2,347,294	5,992,719	2.522	16.799
		464.43					#2	790	5.808	4,588	20,195	4.348	25.563
Bartow													
UNIT 1	107	49,885.00	65			10,309				514,258	1,224,520	2.455	
		49,850.95					#6	78,486	6.548	513,907	825,204	1.655	10.514
		33.95					#2	60	5.833	350	1,757	5.175	29.283
UNIT 2	117	59,878.00	71			10,680				639,511	1,552,723	2.593	
		59,878.00					#6	97,680	6.547	639,511	1,552,723	2.593	15.896
UNIT 3	210	99,971.00	66			10,089				1,008,602	2,553,965	2.555	
		99,971.00					#6	152,830	6.600	1,008,602	2,429,389	2.430	15.896
		0.00					GS	0	0.000	0	124,577	0.000	
Crystal River 1 & 2													
UNIT 1	372	244,015.00	91			9,829				2,398,525	3,957,147	1.622	
		371.94					#2	640	5.713	3,656	17,585	4.728	27.477
		243,643.06					CA	94,420	25.364	2,394,869	3,939,562	1.617	41.724
UNIT 2	468	274,717.00	82			9,754				2,679,647	4,420,878	1.609	
		409.87					#2	700	5.711	3,998	19,233	4.682	27.476
		274,307.02					CA	105,490	25.364	2,675,648	4,401,445	1.605	41.724
Crystal River 4 & 5													
UNIT 4	697	446,883.00	89			9,500				4,245,372	8,335,333	1.865	
		731.69					#2	1,190	5.841	6,951	30,949	4.230	26.008
		446,151.42					CA	169,050	25.072	4,238,422	8,304,384	1.861	49.124
UNIT 5	697	445,207.00	89			9,450				4,207,002	8,262,629	1.856	
		840.68					#2	1,360	5.841	7,944	35,370	4.207	26.007
		444,366.43					CA	167,480	25.072	4,199,059	8,227,259	1.851	49.124

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(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 (%)	AVG 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 (\$)
Suwannee Plant													
UNIT 1	33	7,549.00	32			12,844				96,962	290,720	3.851	
		7,401.23					#6	14,900	6.380	95,064	285,291	3.855	19.147
		138.58					GS	1,750	1.017	1,780	4,907	3.541	2.804
		9.19					#2	20	5.900	118	521	5.669	26.050
UNIT 2	32	7,357.00	32			12,850				94,539	283,987	3.880	
		7,343.23					#6	14,790	6.380	94,362	283,185	3.856	19.147
		13.77					#2	30	5.900	177	782	5.679	26.087
UNIT 3	80	27,416.00	48			11,172				306,303	848,088	3.093	
		1,015.27					#6	1,790	6.337	11,343	34,273	3.376	19.147
		26,374.42					GS	289,740	1.017	294,666	812,511	3.081	2.804
		26.40					#2	50	5.900	295	1,304	4.939	26.080
TOTAL	3,835	2,123,802.00				9,777				20,764,327	43,417,932	2.044	
Nuclear													
Crystal River 3													
UNIT 3	743	0.00	0			0				997	5,174	0.000	
		0					#2	172	5.802	997	5,174	0.000	30.108
TOTAL	743	0.00								997	5,174	0.000	

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(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 (%)	AVG 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	50	3,951.00	11			16,228				64,117	193,316	4.863	
		248.52					#2	690	5.845	4,033	17,907	7.205	25.952
		3,702.48					GS	57,060	1.053	60,084	175,409	4.738	3.074
Barlow Peaker	176	13,472.00	11			14,999				202,062	622,577	4.621	
		1,224.51					#2	3,140	5.849	18,366	86,382	7.054	27.510
		12,247.49					GS	174,450	1.053	183,696	536,195	4.378	3.074
Bayboro Peaker	184	3,859.00	3			13,322				51,409	234,493	6.077	
		3,859.00					#2	9,020	5.699	51,409	234,493	6.077	25.997
Debary Peaker	614	52,846.00	12			13,042				689,228	2,529,529	4.787	
		19,634.42					#2	46,960	5.453	256,076	1,269,998	6.468	27.044
		33,211.58					GS	411,350	1.053	433,152	1,259,531	3.792	3.062
Higgins Peaker	110	13,016.00	16			16,559				215,535	630,709	4.846	
		56.34					#2	160	5.831	933	4,145	7.357	25.906
		12,959.60					GS	203,800	1.053	214,601	626,564	4.835	3.074
Intercession City Peaker	758	60,719.00	11			14,345				871,034	2,782,975	4.550	
		8,842.39					#2	21,800	5.819	126,847	564,070	6.379	25.875
		51,876.61					GS	706,730	1.053	744,187	2,198,905	4.239	3.111
Rio Pinar Peaker	14	54.00	1			18,321				989	4,364	8.081	
		54.00					#2	170	5.818	989	4,364	8.081	25.671
Suwannee Peaker	159	12,371.00	11			13,171				162,940	586,530	4.741	
		4,325.29					#2	9,670	5.891	56,969	249,757	5.774	25.828
		8,045.71					GS	104,200	1.017	105,971	336,773	4.186	3.232
Tiger Bay Peaker	218	147,480.00	94			7,585				1,118,612	3,786,533	2.567	
		147,480.00					GS	1,062,310	1.053	1,118,612	3,786,533	2.567	3.564
Turner Peaker	158	395.00	0			19,560				7,726	34,257	8.673	
		395.00					#2	1,320	5.853	7,726	34,257	8.673	25.952
Univ of Florida Cogen	47	26,500.00	78			9,827				260,411	661,922	2.498	
		5.80					#2	10	5.700	57	71	1.224	7.100
		26,494.20					GS	249,620	1.043	260,354	661,851	2.498	2.651
TOTAL	2,488	334,663.00				10,889				3,644,064	12,047,206	3.600	

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(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 (%)	AVG 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 (\$)
SYSTEM TOTAL	7,066	2,458,465.00				9,929				24,409,388	55,470,313	2.256	

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(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 (%)	AVG 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 (\$)
Steam													
Anclote													
UNIT 1	511	1,163,602.00	52			10,060				11,705,788	28,936,755	2.487	
		1,161,448.51					#6	1,779,260	6.567	11,684,124	28,839,786	2.483	16.209
		2,153.59					#2	3,730	5.808	21,665	96,969	4.503	25.997
UNIT 2	511	1,176,420.00	52			10,022				11,790,025	29,238,769	2.485	
		1,172,465.18					#6	1,789,210	6.567	11,750,390	29,060,787	2.479	16.242
		3,954.82					#2	6,840	5.795	39,635	177,982	4.500	26.021
Bartow													
UNIT 1	107	307,391.00	65			10,508				3,230,103	7,401,698	2.408	
		307,207.62					#6	493,918	6.536	3,228,176	4,803,594	1.564	9.725
		183.38					#2	330	5.839	1,927	9,827	5.359	29.779
UNIT 2	117	330,645.00	64			10,677				3,530,237	8,354,652	2.527	
		330,645.00					#6	541,870	6.515	3,530,237	8,354,652	2.527	15.418
UNIT 3	210	603,080.00	65			10,070				6,072,880	14,652,342	2.430	
		482,560.03					#6	743,670	6.534	4,859,271	11,467,788	2.376	15.421
		120,519.97					GS	1,153,580	1.052	1,213,609	3,184,554	2.642	2.761
Crystal River 1 & 2													
UNIT 1	372	1,422,026.00	87			9,830				13,979,121	23,528,997	1.655	
		2,034.30					#2	3,470	5.763	19,998	106,044	5.213	30.580
		1,419,991.70					CA	554,040	25.195	13,959,123	23,422,953	1.650	42.277
UNIT 2	468	1,683,389.00	82			9,767				16,441,954	27,882,072	1.644	
		2,259.61					#2	3,830	5.762	22,070	117,476	5.199	30.673
		1,681,129.29					CA	651,860	25.189	16,419,883	27,564,596	1.640	42.286
Crystal River 4 & 5													
UNIT 4	697	2,911,752.00	95			9,438				27,480,125	55,533,929	1.907	
		3,949.18					#2	6,380	5.842	37,271	170,746	4.324	26.763
		2,907,802.82					CA	1,100,100	24.946	27,442,854	55,363,182	1.904	50.326
UNIT 5	697	2,414,281.00	79			9,422				22,746,531	45,898,529	1.901	
		3,656.68					#2	5,890	5.849	34,452	159,322	4.357	27.050
		2,410,624.32					CA	910,610	24.942	22,712,079	45,739,207	1.897	50.229

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FINAL

(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 (%)	AVG 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 (\$)
Suwannee Plant													
UNIT 1	33	43,840.00	30			12,632				553,795	1,646,838	3.756	
		40,704.99					#6	80,030	6.425	514,193	1,536,688	3.775	19.201
		3,083.71					GS	33,160	1.021	38,954	107,161	3.475	2.808
		51.22					#2	110	5.882	647	2,989	5.836	27.173
UNIT 2	32	42,127.00	30			12,822				540,146	1,620,993	3.848	
		39,140.77					#6	78,120	6.424	501,857	1,500,080	3.833	19.202
		2,931.17					GS	36,810	1.021	37,583	117,664	4.014	3.197
		55.06					#2	120	5.883	706	3,249	5.901	27.075
UNIT 3	80	161,824.00	46			11,153				1,804,758	5,084,733	3.142	
		4,933.11					#6	8,690	6.331	55,017	168,139	3.408	19.349
		156,817.01					GS	1,714,080	1.020	1,748,917	4,912,438	3.133	2.866
		73.88					#2	140	5.886	824	4,156	5.625	29.686
TOTAL	3,835	12,260,377.00				9,777				119,875,463	249,580,307	2.036	
Nuclear													
Crystal River 3													
UNIT 3	743	0.00	0			0				1,784	9,487	0.000	
		0					NF	0	0.000	0	0	0.000	
		0					#2	308	5.801	1,784	9,487	0.000	30.850
TOTAL	743	0.00								1,784	9,487	0.000	

FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST
Schedule A-4

Apr 97 Thru Sep 97
FINAL

(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 (%)	AVG 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	50	22,949.00	10			16,568				380,225	1,052,667	4.587	
		2,104.51					#2	5,940	5.870	34,868	149,958	7.126	25.245
		20,844.49					GS	328,900	1.050	345,357	902,708	4.331	2.745
Bartow Peaker	176	67,813.00	9			13,932				944,803	3,065,291	4.520	
		16,805.05					#2	40,030	5.849	234,136	1,143,115	6.602	28.556
		51,007.95					GS	677,530	1.046	710,667	1,922,176	3.768	2.837
Bayboro Peaker	184	40,410.00	5			13,294				537,200	2,573,786	6.369	
		40,410.00					#2	94,140	5.706	537,200	2,573,786	6.369	27.340
Debary Peaker	614	255,597.00	9			13,569				3,468,178	12,959,565	5.070	
		124,143.83					#2	295,100	5.699	1,684,499	8,214,209	6.617	27.788
		131,453.17					GS	1,699,880	1.049	1,783,679	4,745,356	3.610	2.792
Higgins Peaker	110	61,356.00	13			16,718				1,025,753	2,705,734	4.410	
		610.96					#2	1,750	5.637	10,214	46,601	7.628	26.629
		60,745.04					GS	966,750	1.050	1,015,539	2,659,133	4.378	2.751
Intercession City Peaker	708	364,893.00	12			13,475				4,916,825	15,151,104	4.152	
		81,132.77					#2	187,970	5.816	1,093,240	4,932,090	6.079	26.239
		283,760.23					GS	3,640,720	1.050	3,823,585	10,219,014	3.601	2.807
Fort St. Joe Peaker	15	0.00	0			0				0	0	0.000	
		0.00					#2	0	0.000	0	0	0.000	0.000
Rio Pinar Peaker	14	910.00	1			19,441				17,691	77,502	8.517	
		910.00					#2	3,040	5.819	17,691	77,502	8.517	25.494
Suwannee Peaker	159	63,007.00	9			13,590				856,264	3,130,398	4.968	
		28,973.25					#2	66,900	5.886	393,746	1,798,955	6.209	26.890
		34,033.75					GS	444,460	1.041	462,518	1,331,443	3.912	2.996
Tiger Bay Peaker	218	367,559.00	38			7,663				2,816,616	9,442,428	2.569	
		367,559.00					GS	2,684,090	1.049	2,816,616	9,442,428	2.569	3.518
Turner Peaker	158	12,972.00	2			15,770				204,572	895,927	6.907	
		12,972.00					#2	34,950	5.853	204,572	895,927	6.907	25.635
Univ of Florida Cogen	47	157,469.00	76			10,052				1,582,873	3,453,516	2.193	
		5.67					#2	10	5.700	57	71	1.252	7.100

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**FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST**

Apr 97 Thru Sep 97
FINAL

Schedule A-4

(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 (%)	AVG 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 (\$)
		157,463.33					GS	1,516,790	1,044	1,582,816	3,453,445	2.193	2.277
TOTAL	2,453	1,414,935.00				11,839				16,751,001	54,507,917	3.852	
SYSTEM TOTAL	7,031	13,675,312.00				9,991				136,628,247	304,097,711	2.224	

FLORIDA POWER CORPORATION
SYSTEM GENERATION FUEL COST
Schedule A-5

		Actual	Estimated	Difference	Difference (%)
HEAVY OIL	1 PURCHASES				
	2 Units (BBL)	1,014,631	768,649	245,982	32.0%
	3 Unit Cost (\$/BBL)	16.62	17.28	-0.66	-3.8%
	4 Amount (\$)	16,860,125	13,282,248	3,577,877	26.9%
	5 BURNED				
	6 Units (BBL)	1,054,618	768,649	285,969	37.2%
	7 Unit Cost (\$/BBL)	16.56	17.16	-0.59	-3.5%
	8 Amount (\$)	17,468,179	13,188,136	4,280,043	32.5%
	9 ADJUSTMENTS				
	10 Units (BBL)	-840			
	11 Amount (\$)	-103,300			
	12 ENDING INVENTORY				
	13 Units (BBL)	576,968	480,000	96,968	20.2%
	14 Unit Cost (\$/BBL)	16.72	17.29	-0.58	-3.3%
	15 Amount (\$)	9,644,500	8,300,677	1,343,823	16.2%
	16				
	17 DAYS SUPPLY	16	18	-2	-11.1%
LIGHT OIL	18 PURCHASES				
	19 Units (BBL)	124,038	77,857	46,181	59.3%
	20 Unit Cost (\$/BBL)	25.57	27.93	-2.36	-8.4%
	21 Amount (\$)	3,172,002	2,174,549	997,453	45.9%
	22 BURNED				
	23 Units (BBL)	98,357	77,587	20,770	26.8%
	24 Unit Cost (\$/BBL)	26.49	27.73	-1.24	-4.5%
	25 Amount (\$)	2,605,729	2,151,660	454,069	21.1%
	26 ADJUSTMENTS				
	27 Units (BBL)	-20,381			
	28 Amount (\$)	-522,853			
	29 ENDING INVENTORY				
	30 Units (BBL)	474,617	285,544	189,073	66.2%
	31 Unit Cost (\$/BBL)	26.39	28.36	-1.97	-7.0%
	32 Amount (\$)	12,524,034	8,098,145	4,425,889	54.7%
	33				
	34 DAYS SUPPLY	144	110	34	30.9%

FLORIDA POWER CORPORATION
SYSTEM GENERATION FUEL COST
Schedule A-5

		Actual	Estimated	Difference	Difference (%)
COAL	35 PURCHASES				
	36 Units (TON)	573,645	462,000	111,645	24.2%
	37 Unit Cost (\$/TON)	46.57	48.18	-1.61	-3.3%
	38 Amount (\$)	26,713,238	22,259,160	4,454,078	20.0%
	39 BURNED				
	40 Units (TON)	536,455	538,435	-1,980	-0.4%
	41 Unit Cost (\$/TON)	46.36	47.76	-1.39	-2.9%
	42 Amount (\$)	24,872,649	25,715,229	-842,580	-3.3%
	43 ADJUSTMENTS				
	44 Units (TON)	0			
	45 Amount (\$)	-777			
	46 ENDING INVENTORY				
	47 Units (TON)	362,599	100,689	261,910	260.1%
	48 Unit Cost (\$/TON)	46.12	48.09	-1.97	-4.1%
	49 Amount (\$)	16,723,498	4,841,897	11,881,601	245.4%
	50				
	51 DAYS SUPPLY	20	5	15	300.0%
OTHER	52				
	53				
	54				
	55				
	56				
	57				
	58				
	59				
	60				
	61				
	62				
	63				
	64				
	65				

FLORIDA POWER CORPORATION
SYSTEM GENERATION FUEL COST
Schedule A-5

		Actual	Estimated	Difference	Difference (%)	
GAS	66	BURNED				
	67	Units (MCF)	3,261,010	1,047,363	2,213,647	211.4%
	68	Unit Cost (\$/MCF)	3.23	2.77	0.46	16.6%
	69	Amount (\$)	10,523,756	2,898,628	7,625,128	263.1%
NUCLEAR	70	BURNED				
	71	Units (MM BTU)	0	5,166,828	-5,166,828	-100.0%
	72	Unit Cost (\$/MM BTU)	0.00	0.33	-0.33	-100.0%
	73	Amount (\$)	0	1,705,053	-1,705,053	-100.0%

NOTE: Purchase dollars and units do not include plant to plant transfers. See schedule A-5, Attachment #1 for detail of adjustments.

**ATTACHMENT #1
SCHEDULE A-5**

SEPTEMBER 1997

HEAVY OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
(840)	(\$13,348.10)	Tank Farm Heating @ Bartow Plant - steam used to keep the oil heated that is stored in tanks.
	(\$101.77)	Non recoverable expense of analysis reports
	(\$91,086.05)	Non recoverable expense for pipeline accounts 151.11 and 151.12.
	(\$618.82)	Non recoverable expense of fuel additives
0	\$1,854.83	Tank Bottom Adj-Bartow -0 barrels due to burn into and refill tank bottom in month of September. Tank Bottom Adjustment-Anclote Plant due to tank cleaning
(840)	(\$103,299.91)	TOTAL

LIGHT OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
(2)	(\$54.90)	Bartow Plant maintenance per Tech Services- auxiliary power being diverted to provide generation service to Anclote Pipeline.
	(\$23.50)	Non recoverable expense of analysis reports.
(19,362)	(\$496,619.92)	Fuel burn at Intercession City Peaker Unit #11 under Georgia Power ownership
(1,017)	(\$26,049.44)	Physical Inv. Adjustment - Turner Peaker - due to fuel left in pipe when fuel was transferred from tank 8 to tank 7
	(\$104.83)	Non recoverable expense of Fuel Additives
(20,381)*	(\$522,852.59)	*TOTAL

- * Current month light oil adjustments do not include Crystal River Participants share amounting to (18) barrels and (\$546.49)
- * Period to date light oil adjustments do not include Crystal River Participants share amounting to (33) barrels

COAL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
--	(776.84)	Non recoverable expense of inspection reports.
0	(\$776.84)	TOTAL

* COAL ADJUSTMENTS DO NOT INCLUDE CRYSTAL RIVER PARTICIPANTS SHARE AMOUNTING TO 0 TONS AND \$0 FOR STEAM TRANSFER

FLORIDA POWER CORPORATION
SYSTEM GENERATION FUEL COST
Schedule A-5

		Actual	Estimated	Difference	Difference (%)
HEAVY OIL	1 PURCHASES				
	2 Units (BBL)	5,376,167	3,702,961	1,673,206	45.2%
	3 Unit Cost (\$/BBL)	16.16	17.37	-1.21	-7.0%
	4 Amount (\$)	86,660,520	64,311,147	22,549,373	35.1%
	5 BURNED				
	6 Units (BBL)	5,514,793	3,702,961	1,811,832	48.9%
	7 Unit Cost (\$/BBL)	16.02	17.28	-1.26	-7.3%
	8 Amount (\$)	88,319,791	63,978,937	24,340,854	38.0%
	9 ADJUSTMENTS				
	10 Units (BBL)	11,141			
	11 Amount (\$)	-10,906			
	12 ENDING INVENTORY				
	13 Units (BBL)	576,968	480,000	96,968	20.2%
	14 Unit Cost (\$/BBL)	16.72	17.29	-0.58	-3.3%
	15 Amount (\$)	9,644,500	8,300,677	1,343,823	16.2%
	16				
	17 DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL	18 PURCHASES				
	19 Units (BBL)	867,525	384,591	482,934	125.6%
	20 Unit Cost (\$/BBL)	25.92	28.23	-2.30	-8.2%
	21 Amount (\$)	22,487,841	10,855,493	11,632,348	107.2%
	22 BURNED				
	23 Units (BBL)	761,558	384,321	377,237	98.2%
	24 Unit Cost (\$/BBL)	27.17	27.78	-0.59	-2.1%
	25 Amount (\$)	20,690,461	10,669,257	10,021,204	93.9%
	26 ADJUSTMENTS				
	27 Units (BBL)	-69,146			
	28 Amount (\$)	-1,795,497			
	29 ENDING INVENTORY				
	30 Units (BBL)	474,617	285,544	189,073	66.2%
	31 Unit Cost (\$/BBL)	26.39	28.36	-1.97	-7.0%
	32 Amount (\$)	12,524,034	8,098,145	4,425,889	54.7%
	33				
	34 DAYS SUPPLY	0	0	0	0.0%

FLORIDA POWER CORPORATION
SYSTEM GENERATION FUEL COST
Schedule A-5

		Actual	Estimated	Difference	Difference (%)
COAL	35				
	36				
	37				
	38				
	39				
	40				
	41				
	42				
	43				
	44				
	45				
	46				
	47				
	48				
	49				
	50				
	51				
OTHER	52				
	53				
	54				
	55				
	56				
	57				
	58				
	59				
	60				
	61				
	62				
	63				
	64				
	65				

FLORIDA POWER CORPORATION
SYSTEM GENERATION FUEL COST
Schedule A-5

			Actual	Estimated	Difference	Difference (%)
GAS	66	BURNED				
	67	Units (MCF)	14,901,750	5,794,074	9,107,676	157.2%
	68	Unit Cost (\$/MCF)	2.89	2.78	0.11	3.9%
	69	Amount (\$)	42,997,520	16,087,485	26,910,035	167.3%
NUCLEAR	70	BURNED				
	71	Units (MM BTU)	0	31,604,270	-31,604,270	-100.0%
	72	Unit Cost (\$/MM BTU)	0.00	0.33	-0.33	-100.0%
	73	Amount (\$)	0	10,429,407	-10,429,407	-100.0%

NOTE: Purchase dollars and units do not include plant to plant transfers. See schedule A-5, Attachment #1 for detail of adjustments.

FLORIDA POWER CORPORATION
SCHEDULE AS

POWER SOLD
FOR THE MONTH OF:
SEP 1987

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
SOLD TO	TYPE & SCHEDULE	TOTAL KWH SOLD (000)	KWH FROM OTHER SYSTEMS (000)	FROM OWN GENERATION (000)	FUEL COST C/KWH	TOTAL COST C/KWH	FUEL ADJ TOTAL	TOTAL COST	REPLACES OLD A/A	REPLACES OLD A/B
ESTIMATED		110000	0	110000	2.128	2.618	2,338,000	2,879,000	432,000	0

ACTUAL:

City Of Lakeland	EBM Economy	160		160	2.262	2.561	3,619.03	4,129.52	408.39	Net Applicable
Florida Municipal Power Agency	EBM Economy	252		252	2.148	2.420	5,412.34	6,097.45	548.09	
Florida Power and Light	EBM Economy	2,328		2,328	1.941	2.016	42,869.44	46,930.55	3,248.89	
Pt. Pierce	EBM Economy	73		73	2.163	2.687	1,578.12	1,961.55	305.94	
Gainesville	EBM Economy	1,476		1,476	2.061	2.513	30,428.73	37,005.18	5,328.76	
Hawthorn	EBM Economy	24		24	2.013	2.529	483.19	608.74	88.84	
Jacksonville Electric Authority	EBM Economy	98		98	1.722	1.908	1,697.36	1,926.68	183.48	
Key West	EBM Economy	15		15	2.225	3.108	335.25	194.70		
Orlando Utilities Comm.	EBM Economy	521		521	2.083	2.341	10,653.38	12,195.89	1,074.81	
Ready Cook	EBM Economy	255		255	2.259	2.547	5,781.48	6,495.12	588.91	
Seeminole Electric Co-op	Schedule C	723		723	2.312	2.776	16,713.34	20,087.29	2,683.18	
Shook	EBM Economy	30		30	2.217	3.482	664.95	1,047.52	308.06	
Tallahassee	EBM Economy	566		566	1.822	2.223	10,879.84	12,583.40	1,362.95	
Tampa Electric Company	EBM Economy	801		801	2.447	2.855	19,001.00	22,865.10	2,611.28	
Sub-Total - Gain on Economy Energy Sales		7,322		7,322			150,688.45	174,488.12		18,657.34

LOAD FOLLOWING

SCHEDULE		1,009		1,009	2.164	2.164	21,834.91	21,834.91	Net Applicable	5,955.00
Dubuque Dryflex Marketing, L.L.C.	Schedule OS	4,959		4,959	2.445	2.445	112,043.00	118,798.00		448.00
Enron Power Marketing, Inc.	Schedule OS	200		200	1.477	1.700	2,954.00	3,400.00		243.62
Florida Power and Light	Schedule OS	100		100	1.858	2.100	1,958.38	2,100.00		8,205.00
Louisville Gas & Electric Power Marketing Inc.	Buy Back	1,823		1,823	2.500	3.010	40,575.00	48,860.00		4,277.34
Louisville Gas & Electric Power Marketing Inc.	Schedule OS	840		840	2.805	3.414	26,403.66	28,681.00		533.18
How Supena Branch	Schedule I				0.000	0.000	7,142.40	7,142.40		58.58
Norfolk Energy Services	Schedule OS	108		108	4.887	5.400	5,190.82	5,724.00		15,952.02
Ready Cook	Schedule OS	51		51	2.109	2.220	1,076.44	1,132.00		2,187.82
Seeminole Electric Co-op	Schedule J	3,317		3,317	2.331	2.812	77,321.98	92,284.00		216.25
Southem Company Services	Schedule OS	290		290	2.751	3.635	5,502.28	7,870.20		101,484.00
Tallahassee	Schedule OS	75		75	1.913	2.200	1,434.75	1,650.00		8,087.39
Tampa Electric Company	Schedule J	18,010		18,010	2.168	2.702	412,148.64	513,843.64		389.68
Tampa Electric Company	Schedule OS	1,339		1,339	1.867	2.304	26,580.36	44,887.75		
The Energy Authority	Schedule OS	100		100	2.202	2.572	2,201.84	2,571.50		
Sub-Total - Gain on Other Power Sales		33,429		33,429			753,056	901,159		148,083

CURRENT MONTH TOTAL DIFFERENCE %

CUMULATIVE ACTUAL CUMULATIVE ESTIMATED CUMULATIVE DIFFERENCE CUMULATIVE DIFFERENCE %

FLORIDA POWER CORPORATION
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
SEP 1997

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED (000)	KWH FOR OTHER UTILITIES (000)	KWH FOR INTERRUPTIBLE (000)	KWH FOR FIRM (000)	FUEL COST C/KWH	TOTAL COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		244,597			244,597	1.934	1.934	4,738,260
ACTUAL								
Glades	Firm	8			8	9.428	9.428	754
Southern Company Services	UPS (Unit Power Sales)	223,768			223,768	1.803	1.803	4,035,011
Tampa Electric Company	AR1	15,366			15,366	2.827	2.827	434,352
CURRENT MONTH TOTAL		239,142			239,142	1.869	1.869	4,470,118
DIFFERENCE		(5,455)			(5,455)	(0.066)	(0.066)	(260,142)
DIFFERENCE %		0.0			(2.230)	(3.381)	(3.381)	(5.5)
CUMULATIVE ACTUAL		1,391,473			1,391,473.0	1.8	1.8	25,850,472
CUMULATIVE ESTIMATED		996,574			996,574	1.920	1.920	19,133,190
CUMULATIVE DIFFERENCE		394,899			394,899	(0.077)	(0.077)	6,517,282
CUMULATIVE DIFFERENCE %		39.8			39.8	(4.010)	(4.010)	34.1

FLORIDA POWER CORPORATION
SCHEDULE AB

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
SEP 1997

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED (000)	KWH FOR OTHER UTILITIES (000)	KWH FOR INTERRUPTIBLE	KWH FOR FIRM (000)	ENERGY COST C/KWH	TOTAL COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		837,528			837,528	2.058	2.058	13,118,980
ACTUAL								
AUBURNDALE (EL DORADO)	CO-GEN	87,895			87,895	2.648	2.648	2,327,099.21
ADJ		0			0			(37,886.07)
AUBURNDALE LFC POWER SYSTEMS	CO-GEN	8,098			8,098	1.935	1.935	158,702.49
ADJ		0			0			8,754.38
BAY COUNTY	CO-GEN	6,110			6,110	1.912	1.912	118,823.20
ADJ		0			0			7,400.18
CARGILL FERTILIZER	CO-GEN	5,582			5,582	1.487	1.487	83,004.34
ADJ		0			0			22,465.10
LAKE COGEN LIMITED	CO-GEN	69,788			69,788	1.306	1.306	911,143.96
ADJ		0			0			(168,432.20)
LAKE COUNTY	CO-GEN	6,483			6,483	1.960	1.960	127,262.80
ADJ		0			0			7,519.44
METRO-DADE COUNTY	CO-GEN	10,196			10,196	3.223	3.223	328,617.08
ADJ		0			0			20,487.78
ORANGE COGEN	CO-GEN	26,838			26,838	2.048	2.048	548,637.92
ADJ		0			0			(107,787.39)
ORLANDO COGEN	CO-GEN	78,927			78,927	2.617	2.617	2,013,146.19
ADJ		(98)			(98)			47,980.02
PASCO COGEN LIMITED	CO-GEN	58,778			58,778	1.854	1.854	1,088,744.12
ADJ		0			0			191,751.90
PASCO COUNTY RESOURCE RECOVERY	CO-GEN	14,133			14,133	1.962	1.962	277,289.46
ADJ		0			0			17,612.36
PCS PHOSPHATE	CO-GEN	183			183	3.496	3.496	6,882.06
ADJ		97			97			3,545.37
PINELLAS COUNTY	CO-GEN	21,426			21,426	1.909	1.909	408,022.34
ADJ		0			0			28,013.80
POLK POWER - MULBERRY ENERGY	CO-GEN	26,381			26,381	1.637	1.637	431,853.53
ADJ		0			0			(18,458.81)
POLK POWER - ROYSTER ENERGY	CO-GEN	10,259			10,259	1.789	1.789	183,537.09
ADJ		0			0			(10,585.41)
TIMBER ENERGY RESOURCES	CO-GEN	8,279			8,279	2.090	2.090	173,031.10
ADJ		(36)			(36)			10,587.87
U.S. AGRI-CHEMICALS	CO-GEN	8,847			8,847	3.288	3.288	290,889.36
ADJ		0			0			(24,581.88)
WHEELABRATOR RIDGE ENERGY	CO-GEN	16,038			16,038	2.522	2.522	404,478.36
ADJ		0			0			(14,493.70)
SUBTOTAL EXCLUDING TIGER BAY STIPULATED PAYMENTS								
CURRENT MONTH TOTAL		462,172			462,172	2.134	2.134	9,883,067
DIFFERENCE		(175,356)			(175,356)	0.076	0.076	(3,255,913)
DIFFERENCE %		(27.5)			(27.5)	3.7	3.7	(24.8)
TIGER BAY STIPULATED PAYMENTS								
TIGER BAY - ECOPEAT	CO-GEN	20,316			20,316	2.033	2.033	413,127
TIGER BAY - GENERAL PEAT	CO-GEN	86,719			86,719	2.562	2.562	2,221,627
TIGER BAY - TIMBER 2	CO-GEN	3,032			3,032	2.542	2.542	77,082
TIGER BAY - STEAM SALES	CO-GEN				0	0.000	0.000	(59,365)
TOTAL OF ENERGY PAYMENTS INCLUDING TIGER BAY								
CURRENT MONTH TOTAL		572,240			572,240	2.187	2.187	12,515,548
DIFFERENCE		(65,288)			(65,288)	2.187	2.187	(603,432)
DIFFERENCE %		(10.2)			(10.2)	0.0	0.0	(4.6)
CUMULATIVE ACTUAL		3,471,374			3,471,374	2.058	2.058	71,439,800
CUMULATIVE ESTIMATED		3,893,407			3,893,407	2.030	2.030	78,048,660
CUMULATIVE DIFFERENCE		(422,033)			(422,033)	0.028	0.028	(7,608,860)
CUMULATIVE DIFFERENCE %		(10.8)			(10.8)	1.4	1.4	(9.6)

