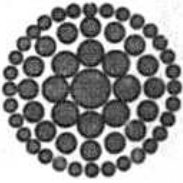


ORIGINAL



**Florida
Power**
CORPORATION

James A. McGee
SENIOR COUNSEL

November 21, 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 October, 1997.

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

- ACK 4
- AFA 2/Max Diver
- APP _____
- CAF _____
- CMU _____
- CIR _____
- ESC Bohannon JAM/st
- LEG 1 Enclosures
- LIN 3 cc: Parties of record
- OPC _____
- RCH _____
- SEC 1
- NAS _____
- QTH _____

DOCUMENT NUMBER - DATE
12099 NOV 24 97
FPSC-RECORDS/REPORTING

RECEIVED & FILED
FPSC-GENERAL OF RECORDS

GENERAL OFFICE

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 October, 1997, have been furnished to the following individuals by regular U.S. mail this 21st day of November, 1997:

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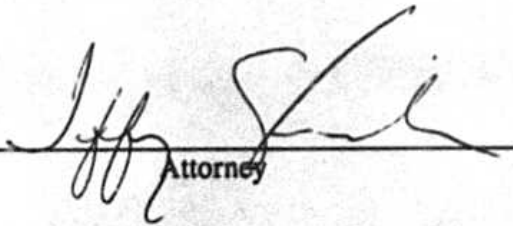
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Attorney

FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
OCTOBER 1987

	CENTRAL			MWH			CENTRAL		
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT %	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT %	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT %
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	47,181,738	37,835,010	9,342,728 24.7	2,182,126	1,806,583	285,543 15.1	2,1622	1,9951	0.1671 8.4
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0 0.0	0	0	0 0.0	0	0	0.0000 0.0
3 COAL CAR INVESTMENT	0	0	0 0.0	0	0	0 0.0	0	0	0.0000 0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	1,628,438	1,438,000	190,438 13.2	0	0	0 0.0	0	0	0.0000 0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(3,613,069)	302,000	(4,000,069) (1,324.5)	(145,921)	0	(145,921) 0.0	2,5343	0.0000	2.5343 0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0 0.0	0	0	0 0.0	0.0000	0.0000	0.0000 0.0
5 TOTAL COST OF GENERATED POWER	45,112,068	38,579,010	5,533,078 14.0	2,038,205	1,806,583	139,622 7.4	2,2155	2,0899	0.1266 6.2
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	3,422,025	3,824,280	(402,255) (10.5)	213,937	216,667	(2,730) (1.3)	1,5965	1,7650	(0.1655) (9.4)
7 ENERGY COST OF SCH C X ECONOMY PURCHASES - BROKER (SCH A6)	682,447	2,800,000	(2,227,553) (77.2)	19,887	100,000	(80,113) (80.1)	3,3311	2,8300	0.4311 14.9
8 ENERGY COST OF ECONOMY PURCHASES - NON-BROKER (SCH A6)	1,487,503	228,750	1,270,753 560.4	54,227	11,084	43,143 389.2	2,7815	2,0457	0.7158 35.0
9 ENERGY COST OF SCH E PURCHASES (SCH A6)	0	0	0 0.0	0	0	0 0.0	0	0	0.0000 0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A6)	113,800	116,095	(2,495) (2.2)	0	8,084	(8,084) (100.0)	0.0000	0.0000	0.0000 0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A6)	12,100,272	12,773,682	(673,410) (5.3)	591,882	618,037	(26,155) (4.2)	0.0000	1,4381	(1,4381) (100.0)
12 TOTAL COST OF PURCHASED POWER	17,795,847	19,840,817	(2,044,970) (10.3)	879,833	945,748	(65,915) (7.0)	2,0224	2,0978	(0.0754) (3.6)
13 TOTAL AVAILABLE MWH				2,916,138	2,842,371	73,767 2.6			
14 FUEL COST OF ECONOMY SALES (BROKER) (SCH A6)	(598,718)	(220,200)	(378,518) 168.7	(34,504)	(12,000)	(22,504) 187.5	1,7381	1,8600	(0.1219) (6.6)
14a GAIN ON ECONOMY SALES (BROKER) - 80% (SCH A6)	(85,877)	(61,520)	(24,357) 38.7	(34,504)	(12,000)	(22,504) 187.5	0.2489	0.5180	(0.2671) (51.8)
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(1,551,506)	0	(1,551,506) 0.0	(61,122)	0	(61,122) 0.0	2,5384	0.0000	2.5384 0.0
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(340,653)	0	(340,653) 0.0	(61,122)	0	(61,122) 0.0	0.6228	0.0000	0.6228 0.0
16 FUEL COST OF SEMI-VOL BACK-UP SALES (SCH A6)	0	0	0 0.0	0	0	0 0.0	0.0000	0.0000	0.0000 0.0
17 FUEL COST OF SUPPLEMENTAL SALES	(3,112,898)	(2,943,029)	(169,869) 5.8	(145,089)	(123,092)	(19,989) 16.2	2,1757	2,3809	(0.2152) (9.0)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(5,750,743)	(3,228,129)	(2,522,614) 77.5	(238,705)	(135,092)	(103,614) 76.7	2,4008	2,3896	0.0112 0.5
19 NET INADVERTENT AND WHEELIE INTERCHANGE				2,858		2,858			
20 TOTAL FUEL AND NET POWER TRANSACTIONS	57,177,192	58,191,707	(964,465) 1.8	2,680,389	2,707,279	(26,891) (1.0)	2,1332	2,0756	0.0576 2.8
21 NET UNBILLED	(10,411,524)	(6,927,229)	(3,484,295) 50.3	488,078	408,504	81,574 20.1	(0.3428)	(0.2352)	(0.1087) 46.2
22 COMPANY USE	1,433,994	258,171	1,175,823 455.4	(67,224)	(15,150)	(52,074) 343.7	0.0474	0.0088	0.0386 438.6
23 T & D LOSSES	1,574,962	2,868,061	(1,033,099) (39.6)	(73,816)	(152,629)	78,111 (51.7)	0.0520	0.0885	(0.0365) (41.2)
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 4)	57,177,192	56,191,707	985,485 1.8	3,027,425	2,945,704	81,721 2.8	1,8896	1,9076	(0.0180) (1.0)
25 WHOLESALE KWH SALES (EXCLUDING SUPPLEMENTAL SALES)	(1,898,879)	(1,635,429)	(263,450) 16.1	(101,294)	(104,422)	3,128 (3.0)	1,8746	1,5962	0.3084 19.7
26 JURISDICTIONAL KWH SALES	55,278,313	54,556,282	722,031 1.3	2,926,130	2,841,282	84,848 3.0	1,8891	1,9201	(0.0310) (1.6)
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0016	55,350,175	54,643,572	706,603 1.3	2,926,130	2,841,282	84,848 3.0	1,8916	1,9232	(0.0316) (1.6)
28 PRIOR PERIOD TRUE-UP	1,510,382	1,510,382	0 0.0	2,926,130	2,841,282	84,848 3.0	0.0516	0.0532	(0.0016) (3.0)
29 MARKET PRICE TRUE-UP	0	(505,000)	505,000 (100.0)	2,926,130	2,841,282	84,848 3.0	0.0000	(0.0178)	0.0178 (100.0)
30 TOTAL JURISDICTIONAL FUEL COST	56,860,557	55,648,954	1,211,603 2.2	2,926,130	2,841,282	84,848 3.0	1,9432	1,9586	(0.0154) (0.8)
31 REVENUE TAX FACTOR							1,00083	1,00083	0.0000 0.0
32 FUEL COST ADJUSTED FOR TAXES	(42,587)	(42,587)		2,926,130	2,841,282		1,9448	1,9602	(0.0154) (0.8)
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH							1,943	1,959	(0.015) (0.8)

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

SCHEDULE A2
 PAGE 1 OF 4

	CURRENT MONTH			PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE

A. FUEL COSTS AND NET POWER TRANSACTIONS

1. FUEL COST OF SYSTEM NET GENERATION	\$47,181,738	\$37,838,010	\$9,343,728	24.7	\$47,181,738	\$37,838,010	\$9,343,728	24.7
1a. NUCLEAR FUEL DISPOSAL COST	40	0	0	0.0	0	0	0	0.0
1b. NUCLEAR DEMON & DECON	91,828,438	1,438,000	190,438	100.0	1,828,438	1,438,000	190,438	100.0
2. FUEL COST OF POWER SOLD	(42,151,225)	(223,208)	(1,828,025)	863.8	(2,151,225)	(223,208)	(1,828,025)	863.8
2a. GAIN ON POWER SALES	(468,530)	81,828	(404,810)	653.4	(468,530)	81,828	(404,810)	653.4
3. FUEL COST OF PURCHASED POWER	\$3,422,025	3,824,280	(402,255)	(18.5)	3,422,025	3,824,280	(402,255)	(18.5)
3a. ENERGY PAYMENTS TO QUALIFIED FAC.	\$12,180,272	12,773,882	(593,610)	(5.3)	12,180,272	12,773,882	(593,610)	(5.3)
3b. DEMAND & RISK FUEL COST OF PURCH POWER	9113,800	118,085	(2,465)	(2.7)	113,800	118,085	(4,285)	(3.7)
4. ENERGY COST OF ECONOMIC PURCHASES	\$2,158,850	3,128,750	(969,900)	(39.8)	2,158,850	3,128,750	(969,900)	(39.8)
5. TOTAL FUEL & NET POWER TRANSACTIONS	\$3,988,289	\$9,832,707	(5,844,418)	8.8	\$3,988,289	\$9,832,707	(5,844,418)	8.8
6. ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF SUPPLEMENTAL SALES	(43,112,888)	(2,943,008)	(188,888)	5.8	(43,112,888)	(2,943,008)	(188,888)	5.8
6b. OTHER JURISDICTIONAL ADJUSTMENTS (see detail below)	(43,088,088)	382,888	(4,000,088)	(1,324.5)	(43,088,088)	382,888	(4,000,088)	(1,324.5)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	80	0	0	0.0	0	0	0	0.0
7. ADJUSTED TOTAL FUEL & NET POWER	\$57,177,192	\$58,191,707	(\$95,465)	1.8	\$57,177,192	\$58,191,707	(\$95,465)	1.8

FOOTNOTE: DETAIL OF LINE 6B ABOVE

INSPECTION & FUEL ANALYSIS REPORTS (Wholesale Period)	1,818	0	1,818		1,818	0	1,818	
PIPELINE EXPENSES (Wholesale Period)	2,820	0	2,820		2,820	0	2,820	
WORK ON FIA STEAM REVERSE ALLOCATION (Wholesale Period)	3,350	0	3,350		3,350	0	3,350	
ADDT. ADJUSTMENT FOR 518.13 CLEANUP	(7,941)	0	(7,941)		(7,941)	0	(7,941)	
GAS CONVERSION PROJECTS (DEPRECIATION & RETURN)	282,127	302,000	(19,873)		282,127	302,000	(19,873)	
EMISSIONS	0	0	0		0	0	0	
TANK BOTTOM ADJUSTMENT (Grossed up)	(68,833)	0	(68,833)		(68,833)	0	(68,833)	
SLUDGE REMOVAL AMALGAM PIPELINE (System)	0	0	0		0	0	0	
TIGER BAY NET GENERATION	(3,891,311)	0	(3,891,311)		(3,891,311)	0	(3,891,311)	
SUB TOTAL LINE 6B SHOWN ABOVE	(43,088,088)	382,888	(4,000,088)		(43,088,088)	382,888	(4,000,088)	

USA/AMERICAN ELECTRICITY/GEN 13

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

PERIOD TO DATE

CURRENT MONTH

ACTUAL ESTIMATED DIFFERENCE PERCENT ACTUAL ESTIMATED DIFFERENCE PERCENT

B. SALES REVENUES (EXCLUDE REVENUE TAXES)

	90	90	90	90	90	90	90	90	90
1. JURISDICTIONAL SALES REVENUE									
1a. BASE FUEL REVENUE	53,296,255	51,702,240	1,594,015	3.1	53,296,255	51,702,240	1,594,015	3.1	0.0
1b. FUEL RECOVERY REVENUE									
1c. JURISDICTIONAL FUEL REVENUE	53,296,255	51,702,240	1,594,015	3.1	53,296,255	51,702,240	1,594,015	3.1	3.1
1d. NON FUEL REVENUE	154,437,775	140,738,760	13,699,015	9.7	154,437,775	140,738,760	13,699,015	9.7	9.7
1e. TOTAL JURISDICTIONAL SALES REVENUE	207,734,030	192,441,000	15,293,030	8.0	207,734,030	192,441,000	15,293,030	8.0	8.0
2. NON JURISDICTIONAL SALES REVENUE	14,038,104	15,919,000	(1,880,896)	(11.8)	14,038,104	15,919,000	(1,880,896)	(11.8)	(11.8)
3. TOTAL SALES REVENUE	\$221,772,133	\$208,360,000	\$13,412,133	6.4	\$221,772,133	\$208,360,000	\$13,412,133	6.4	6.4

C. KWH SALES

1. JURISDICTIONAL SALES	2,928,130,030	2,941,262,000	84,848,330	3.0	2,928,130,030	2,941,262,000	84,848,330	3.0	3.0
2. NON JURISDICTIONAL (GOLF/SALE) SALES	101,294,411	104,422,000	(3,127,589)	(3.0)	101,294,411	104,422,000	(3,127,589)	(3.0)	(3.0)
3. TOTAL SALES	3,027,424,440	2,945,704,000	81,720,440	2.8	3,027,424,440	2,945,704,000	81,720,440	2.8	2.8
4. JURISDICTIONAL SALES % OF TOTAL SALES	96.65	98.46	0.19	0.2	96.65	98.46	0.19	0.2	0.2

18-Nov-97

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FLORIDA POWER CORPORATION
OCTOBER

----- CURRENT MONTH ----- PERIOD TO DATE -----

	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
D . TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE (LINE B1d)	53,298,255	451,702,240	\$1,594,015	3.1	453,298,255	451,702,240	\$1,594,015	3.1
2. ADJUSTMENTS: PRIOR PERIOD ADJ	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(1,510,382)	(1,510,382)	0	0.0	(1,510,382)	(1,510,382)	0	0.0
2b. INCENTIVE PROVISION	42,552	42,552	0	0.0	42,552	42,552	0	0.0
2c. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	51,828,425	50,234,410	1,594,015	3.2	51,828,425	50,234,410	1,594,015	3.2
4. ADJ TOTAL FUEL & NET PWR TRBS (LINE A7)	57,177,192	56,191,707	985,485	1.8	57,177,192	56,191,707	985,485	1.8
5. JURISDICTIONAL SALES % OF TOT SALES (LINE C4)	96.95	96.46	0.19	0.2				
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE D4 * LINE D5 * .16% "LINE LOSSES")	55,350,175	44,570,481	10,779,694	24.2	55,350,175	44,570,481	10,779,694	24.2
7. TRUE UP PROVISION FOR THE MONTH OVERUNDER COLLECTION (LINE D3 - D6)	(3,521,750)	5,663,929	(9,185,679)	0.0	(3,521,750)	5,663,929	(9,185,679)	0.0
8. INTEREST PROVISION FOR THE MONTH (LINE E10)	(218,655)				(218,655)			
9. TRUE UP & NET PROVISION BEG OF MONTH/PERIOD (LINE D4 + D6 + D9 + D10)	(40,424,976)	1,510,382	(42,424,976)		(40,424,976)	1,510,382	(42,424,976)	
10. TRUE UP COLLECTED (DEFUNDED)	1,510,382				1,510,382			
11. END OF PERIOD TOTAL NET TRUE UP	(48,654,909)				(48,654,909)			
12. OTHER:								
IMPLEMENTATION OF STIPULATION APPROVED IN DOCKET # 970291-E1	10,962,365				10,962,365			
13. END OF PERIOD TOTAL NET TRUE UP (LINES D11 + D12)	(37,692,634)				(37,692,634)			

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

CURRENT MONTH PERIOD TO DATE

	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE
1. BEGINNING TRUE UP (LINE D9)	(146,424,976)	N/A	-	-			
2. ENDING TRUE UP (LINES D7 + D8 + D10 + D12)	(48,430,343)	N/A	-	-			
3. TOTAL OF BEGINNING & ENDING TRUE UP	(94,851,318)	N/A	-	-			
4. AVERAGE TRUE UP (50% OF LINE E3)	(47,420,659)	N/A	-	-			
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	5.530	N/A	-	-			
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	5.530	N/A	-	-			
7. TOTAL (LINE E5 + LINE E6)	11.060	N/A	-	-			
8. AVERAGE INTEREST RATE (50% OF LINE E7)	5.530	N/A	-	-			
9. MONTHLY AVERAGE INTEREST RATE (LINE E8/12)	0.461	N/A	-	-			
10. INTEREST PROVISION (LINE E4 * LINE E9)	(1218,055)	N/A	-	-			

NOT

APPLICABLE

10-Nov-07

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FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA

Oct 97
FINAL

Schedule A-3

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
NET GENERATION (\$)					
1	HEAVY OIL	11,990,051	10,375,679	1,514,372	14.6%
2	LIGHT OIL	1,012,318	422,794	589,524	139.4%
3	COAL	26,292,077	25,264,973	1,027,104	4.1%
4	GAS	7,987,292	1,775,564	6,211,728	349.8%
5	NUCLEAR	0	0	0	
6					
7					
8	TOTAL (\$)	47,181,738	37,839,010	9,342,728	24.7%
SYSTEM NET GENERATION (MWH)					
9	HEAVY OIL	435,719	425,336	10,383	2.4%
10	LIGHT OIL	17,898	1,392	16,506	1185.8%
11	COAL	1,487,642	1,406,613	81,029	5.8%
12	GAS	240,866	63,242	177,624	280.9%
13	NUCLEAR	0	0	0	
14					
15					
16	TOTAL (MWH)	2,182,126	1,896,583	285,543	15.1%
UNITS OF FUEL BURNED					
17	HEAVY OIL (BBL)	678,539	626,047	52,492	8.4%
18	LIGHT OIL (BBL)	38,125	15,171	22,954	151.3%
19	COAL (TON)	561,045	527,166	33,879	6.4%
20	GAS (MCF)	2,267,610	680,554	1,578,056	228.9%
21	NUCLEAR (MMBTU)	0	0	0	
22					
23					

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA

Oct 97
FINAL

Schedule A-3

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
BTUS BURNED (MILLION BTU)					
24	HEAVY OIL	4,465,571	4,006,701	458,870	11.5%
25	LIGHT OIL	221,528	87,988	133,540	151.8%
26	COAL	14,100,577	13,252,414	848,163	6.4%
27	GAS	2,384,369	689,554	1,694,815	245.8%
28	NUCLEAR	0	0	0	
29					
30					
31	TOTAL (MILLION BTU)	21,172,045	18,036,657	3,135,388	17.4%
GENERATION MIX (% MWH)					
32	HEAVY OIL	20.0	22.4	-2.5	-11.0%
33	LIGHT OIL	0.8	0.1	0.7	1017.6%
34	COAL	68.2	74.2	-6.0	-8.1%
35	GAS	11.0	3.3	7.7	231.0%
36	NUCLEAR	0.0	0.0	0.0	
37					
38					
39	TOTAL (% MWH)	100.0	100.0	0.0	0.0%

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA
Schedule A-3

Oct 97
FINAL

FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
FUEL COST PER UNIT (\$)				
40 HEAVY OIL (\$/BBL)	17.52	16.57	0.95	5.7%
41 LIGHT OIL (\$/BBL)	26.55	27.87	-1.32	-4.7%
42 COAL (\$/TON)	46.86	47.93	-1.06	-2.2%
43 GAS (\$/MCF)	3.52	2.57	0.95	36.8%
44 NUCLEAR (\$/MBTU)	0.00		0.00	
45				
46				
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 HEAVY OIL	2.66	2.59	0.07	2.8%
48 LIGHT OIL	4.57	4.81	-0.24	-4.9%
49 COAL	1.86	1.91	-0.04	-2.2%
50 GAS	3.35	2.57	0.77	30.1%
51 NUCLEAR	0.00		0.00	
52				
53				
54 SYSTEM (\$/MBTU)	2.23	2.10	0.13	6.2%
BTU BURNED PER KWH (BTU/KWH)				
55 HEAVY OIL	10,249	9,420	829	8.8%
56 LIGHT OIL	12,377	63,210	-50,833	-80.42%
57 COAL	9,478	9,422	57	0.6%
58 GAS	9,899	10,903	-1,004	-9.2%
59 NUCLEAR	0		0	
60				
61				
62 SYSTEM (BTU/KWH)	9,702	9,510	192	2.0%

FLORIDA POWER CORPORATION
GENERATING SYSTEM COMPARATIVE DATA

Oct 97
FINAL

Schedule A-3

FUEL COST OF SYSTEM		ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
GENERATED FUEL COST PER KWH (CENTS/KWH)					
63	HEAVY OIL	2.73	2.44	0.29	11.9%
64	LIGHT OIL	5.68	30.37	-24.72	-81.4%
65	COAL	1.77	1.80	-0.03	-1.6%
66	GAS	3.32	2.81	0.51	18.1%
67	NUCLEAR	0.00		0.00	
68					
69					
70	SYSTEM (CENTS/KWH)	2.16	2.00	0.17	8.4%

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

Oct 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 (\$)
Steam													
Arclote													
UNIT 1	511	146,728.00	39			10,118				1,484,581	4,037,900	2.752	
		146,354.90					#6	224,430	6.598	1,480,805	4,021,151	2.748	17.917
		373.10					#2	650	5.808	3,775	16,749	4.489	25.768
UNIT 2	511	178,641.00	47			10,044				1,794,332	4,882,713	2.733	
		178,051.22					#6	271,050	6.598	1,788,408	4,856,410	2.728	17.917
		589.78					#2	1,020	5.808	5,924	26,263	4.456	25.768
Bartow													
UNIT 1	107	45,768.00	57			10,224				467,919	1,097,320	2.398	
		45,727.99					#6	70,930	6.591	467,510	906,750	1.983	12.784
		40.01					#2	70	5.843	409	1,921	4.801	27.443
UNIT 2	117	45,089.00	52			11,012				496,516	1,255,232	2.784	
		45,089.00					#6	75,920	6.540	496,516	1,255,232	2.784	16.534
UNIT 3	210	8,361.00	5			10,403				86,982	243,919	2.917	
		8,361.00					#6	13,300	6.540	86,982	219,897	2.630	16.534
		0.00					GS	0	0.000	0	24,022	0.000	
Crystal River 1 & 2													
UNIT 1	372	221,677.00	80			9,721				2,155,009	3,542,770	1.598	
		156.77					#2	260	5.862	1,524	9,167	5.847	35.258
		221,520.23					CA	84,930	25.356	2,153,485	3,533,604	1.595	41.606
UNIT 2	468	313,229.00	90			9,709				3,041,027	4,999,180	1.596	
		217.33					#2	360	5.861	2,110	12,692	5.840	35.256
		313,011.67					CA	119,850	25.356	3,038,917	4,986,487	1.593	41.606
Crystal River 4 & 5													
UNIT 4	697	455,521.00	88			9,372				4,269,352	8,542,483	1.875	
		1,085.09					#2	1,740	5.845	10,170	45,332	4.178	26.053
		454,435.80					CA	170,340	25.004	4,259,181	8,497,151	1.870	49.883
UNIT 5	697	499,245.00	96			9,323				4,654,313	9,298,543	1.863	
		570.54					#2	910	5.845	5,319	23,708	4.155	26.053
		498,674.46					CA	185,930	25.004	4,648,994	9,274,834	1.860	49.883

FLORIDA POWER CORPORATION
SYSTEM NET GENERATION AND FUEL COST

Oct 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 (\$)
Suwannee Plant													
UNIT 1	33	2,962.00 2,807.13 150.31 4.57	12			12,920	#6 GS #2	5,700 1,910 10	6.363 1.017 5.900	38,270 36,269 1,942 59	117,306 109,998 7,017 291	3.960 3.919 4.668 6.368	19.298 3.674 29.100
UNIT 2	32	4,036.00 3,588.19 447.81	17			12,945	#6 GS	7,300 5,700	6.363 1.017	52,247 46,450 5,797	161,816 140,875 20,941	4.009 3.926 4.676	19.298 3.674
UNIT 3	80	12,339.00 5,739.57 6,599.43	21			10,912	#6 GS	9,900 70,810	6.326 1.017	134,645 62,631 72,014	451,196 191,049 260,146	3.657 3.329 3.942	19.298 3.674
TOTAL	3,835	1,933,596.00				9,658				18,675,192	38,630,397	1.998	
Nuclear													
Crystal River 3													
UNIT 3	743	0.00 0	0			0	#2	90	5.804	525 525	3,007 3,007	0.000 0.000	33.246
TOTAL	743	0.00								525	3,007	0.000	

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

Oct 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	1,285.00	2			23,398				30,066	90,464	7.040	
		2.48					#2	10	5.807	58	269	10.847	26.900
		1,282.48					GS	28,470	1.054	30,007	90,195	7.033	3.168
Bartow Peaker	176	6,239.00	5			18,484				115,320	365,036	5.851	
		18.94					#2	60	5.833	350	1,290	6.811	21.500
		6,220.06					GS	109,080	1.054	114,970	363,745	5.848	3.335
Bayboro Peaker	184	2,865.00	2			13,448				38,528	180,188	6.289	
		2,865.00					#2	6,760	5.699	38,528	180,188	6.289	26.655
Debary Peaker	614	21,401.00	5			13,986				299,311	1,044,861	4.882	
		4,442.35					#2	10,660	5.828	62,130	291,442	6.561	27.340
		16,958.72					GS	225,030	1.054	237,182	753,418	4.443	3.348
Higgins Peaker	110	5,477.00	7			17,198				94,196	294,319	5.374	
		5,477.00					GS	89,370	1.054	94,196	294,319	5.374	3.293
Intercession City Peaker	758	34,191.00	6			13,212				451,736	1,555,102	4.548	
		5,759.93					#2	13,080	5.818	76,101	334,437	5.806	25.569
		28,431.07					GS	356,390	1.054	375,635	1,220,664	4.293	3.425
Suwannee Peaker	159	4,310.00	4			15,919				68,609	255,886	5.937	
		899.01					#2	2,430	5.889	14,311	64,323	7.155	26.470
		3,410.99					GS	53,390	1.017	54,298	191,563	5.616	3.588
Tiger Bay Peaker	218	145,921.00	90			7,626				1,112,824	3,891,331	2.667	
		145,921.00					GS	1,055,810	1.054	1,112,824	3,891,331	2.667	3.686
Turner Peaker	158	0.00	0			0				234	1,218	0.000	
		0.00					#2	40	5.850	234	1,218	0.000	30.450
Univ of Florida Cogen	47	26,841.00	77			10,637				285,504	869,930	3.241	
		26,841.00					GS	271,650	1.051	285,504	869,930	3.241	3.202
TOTAL	2,488	248,530.00				10,044				2,496,328	8,548,334	3.440	
SYSTEM TOTAL	7,066	2,182,126.00				9,702				21,172,044	47,181,738	2.162	

FLORIDA POWER CORPORATION
SYSTEM GENERATION FUEL COST
Schedule A-5

Oct 97
FINAL

		Actual	Estimated	Difference	Difference (%)
HEAVY OIL	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
LIGHT OIL	18				
	19				
	20				
	21				
	22				
	23				
	24				
	25				
	26				
	27				
	28				
	29				
	30				
	31				
	32				
	33				
	34				

FLORIDA POWER CORPORATION
SYSTEM GENERATION FUEL COST
Schedule A-5

Oct 97
FINAL

		Actual	Estimated	Difference	Difference (%)
COAL	35 PURCHASES				
	36 Units (TON)	569,609	523,000	46,609	8.9%
	37 Unit Cost (\$/TON)	47.09	48.17	-1.08	-2.2%
	38 Amount (\$)	26,823,627	25,192,910	1,630,717	6.5%
	39 BURNED				
	40 Units (TON)	561,045	527,166	33,879	6.4%
	41 Unit Cost (\$/TON)	46.86	47.93	-1.06	-2.2%
	42 Amount (\$)	26,292,077	25,264,973	1,027,104	4.1%
	43 ADJUSTMENTS				
	44 Units (TON)	0			
	45 Amount (\$)	-705			
	46 ENDING INVENTORY				
	47 Units (TON)	371,163	475,000	-103,837	-21.9%
	48 Unit Cost (\$/TON)	46.49	47.93	-1.44	-3.0%
	49 Amount (\$)	17,254,344	22,764,898	-5,510,554	-24.2%
	50				
	51 DAYS SUPPLY	20	27	-7	-25.9%
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)	2,267,610	689,554	1,578,056	228.9%
	68	Unit Cost (\$/MCF)	3.52	2.57	0.95	36.8%
	69	Amount (\$)	7,987,292	1,775,564	6,211,728	349.8%
NUCLEAR	70	BURNED				
	71	Units (MM BTU)	0	0	0	0.0%
	72	Unit Cost (\$/MM BTU)	0.00	0.00	0.00	0.0%
	73	Amount (\$)	0	0	0	0.0%

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

OCTOBER 1997

HEAVY OIL		ADJUSTMENTS EXPLANATION
UNITS	AMOUNT	
(678)	(\$11,206.32)	Tank Farm Heating @ Bartow Plant - steam used to keep the oil heated that is stored in tanks.
	(\$64.84)	Non recoverable expense of analysis reports.
	(\$84,255.85)	Non recoverable expense for pipeline accounts 151.11 and 151.12.
	(\$568.41)	Non recoverable expense of fuel additives.
4,726	\$61,156.02	Tank Bottom Adj-Bartow -0 barrels due to burn into and refill tank bottom in month of September.
(397)	(6,561.81)	Physical Inv. Adjustment - Bartow Plant - For banking steam in Unit #2 during outage
3,651	(\$41,501.21)	TOTAL

LIGHT OIL		ADJUSTMENTS EXPLANATION
UNITS	AMOUNT	
(2)	(\$54.90)	Bartow Plant maintenance per Tech Service- auxiliary power being diverted to provide generation service to Andote Pipeline.
50	(\$15.11)	Non recoverable expense of analysis reports.
		Physical Inv. Adjustment - Crystal River North - due to temperature variation
		Physical Inv. Adjustment - Turner Peaker - due to fuel left in pipe when fuel was transferred from tank 8 to tank 7
17	(\$265.86)	Non recoverable expense of Fuel Additives
217	\$5,370.99	Physical Inv. Adjustment - Avon Park Peaker - due to temperature variation
		Tank Bottom Adj - Port St. Joe Peaker
282 *	\$5,035.12	*TOTAL

- * Current month light oil adjustments do not include Crystal River Participants share amounting to (10) barrels and (\$317.59)
- * Period to date light oil adjustments do not include Crystal River Participants share amounting to (10) barrels

COAL		ADJUSTMENTS EXPLANATION
UNITS	AMOUNT	
-	(705.24)	Non recoverable expense of inspection reports.
0	(\$705.24)	TOTAL

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

FLORIDA POWER CORPORATION
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
OCT 1987

(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/RWH	TOTAL COST C/RWH	TOTAL AMOUNT FOR FUEL ADJ
ESTIMATED		216,667			216,667	1.765	1.765	3,824,280
ACTUAL								
Gladwin	Firm	7			7	9.951	9.951	697
Southern Company Services	Schedule B	166			166	1.928	1.928	3,201
Southern Company Services	UPS (Unit Power Sales)	203,482			203,482	1.723	1.723	3,506,933
Tampa Electric Company	AB1	10,282			10,282	2.914	2.914	299,840
	Adjustment				0	0.000	0.000	(388,446)
Southern Company Services	UPS (Unit Power Sales)							
CURRENT MONTH TOTAL		213,937			213,937	1.600	1.600	3,422,025
DIFFERENCE		(2,730)			(2,730)	(0.165)	(0.165)	(402,255)
DIFFERENCE %		(1.3)			(1.3)	(9.3)	(9.3)	(10.5)
CUMULATIVE ACTUAL		213,937			213,937	1.600	1.600	3,422,025
CUMULATIVE ESTIMATED		216,667			216,667	1.765	1.765	3,824,280
CUMULATIVE DIFFERENCE		(2,730)			(2,730)	(0.165)	(0.165)	(402,255)
CUMULATIVE DIFFERENCE %		(1.3)			(1.3)	(9.3)	(9.3)	(10.5)

**FLORIDA POWER CORPORATION
SCHEDULE AB**

**ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
OCT 1997**

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL KWH PURCHASED (000)	(4) KWH FOR OTHER UTILITIES (000)	(5) KWH FOR INTERRUPTIBLE (000)	(6) KWH FOR FIRM (000)	(7) ENERGY COST \$/KWH	(8) TOTAL COST \$/KWH	(9) TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		618,037			618,037	1.988	1.988	12,773,892
ACTUAL								
AUBURNDALE (EL DORADO)	CO-GEN	68,855			68,855	2.618	2.618	1,802,783.81
ADJ		0			0			(28,787.88)
AUBURNDALE LFC POWER SYSTEMS	CO-GEN	6,417			6,417	1.868	1.868	119,745.70
ADJ		0			0			(6,565.70)
BAY COUNTY	CO-GEN	3,689			3,689	1.832	1.832	67,218.08
ADJ		0			0			(4,898.18)
CARGILL FERTILIZER	CO-GEN	5,228			5,228	0.438	0.438	22,889.88
ADJ		0			0			(58,518.40)
LAKE COGEN LIMITED	CO-GEN	71,209			71,209	1.915	1.915	1,363,852.35
ADJ		0			0			534,800.29
LAKE COUNTY	CO-GEN	7,295			7,295	1.881	1.881	137,218.95
ADJ		0			0			(5,118.43)
METRO-DADE COUNTY	CO-GEN	17,742			17,742	1.882	1.882	298,420.44
ADJ		0			0			(157,118.84)
ORANGE COGEN	CO-GEN	28,886			28,886	2.038	2.038	608,200.97
ADJ		0			0			(2,298.92)
ORLANDO COGEN	CO-GEN	84,538			84,538	2.530	2.530	1,832,813.48
ADJ		0			0			59,733.07
PASCO COGEN LIMITED	CO-GEN	82,714			82,714	1.808	1.808	1,008,441.12
ADJ		0			0			78,417.58
PASCO COUNTY RESOURCE RECOVER	CO-GEN	10,779			10,779	1.880	1.880	202,845.20
ADJ		0			0			(11,508.28)
PCS PHOSPHATE	CO-GEN	175			175	3.117	3.117	5,455.37
ADJ		13			13			(228.33)
PINELLAS COUNTY	CO-GEN	25,197			25,197	1.827	1.827	460,348.19
ADJ		0			0			(17,471.57)
POLY POWER - MULBERRY ENERGY	CO-GEN	25,780			25,780	1.588	1.588	411,453.75
ADJ		0			0			(10,798.83)
POLK POWER- ROYSTER ENERGY	CO-GEN	10,028			10,028	1.745	1.745	174,947.94
ADJ		0			0			(4,457.34)
ST. JOE PAPER	CO-GEN	328			328	2.991	2.991	9,782.82
ADJ		328			328			8,785.74
TIMBER ENERGY RESOURCES	CO-GEN	8,812			8,812	1.988	1.988	178,083.78
ADJ		0			0			(7,613.13)
U.S. AGRI-CHEMICALS	CO-GEN	8,802			8,802	3.213	3.213	278,382.28
ADJ		0			0			(8,575.89)
WHEELABRATOR RIDGE ENERGY	CO-GEN	11,244			11,244	2.563	2.563	288,183.72
ADJ		0			0			8,588.65
SUBTOTAL EXCLUDING TIGER BAY STIPULATED PAYMENTS								
CURRENT MONTH TOTAL		438,832			438,832	2.149	2.149	8,428,837
DIFFERENCE		(178,205)			(178,205)	0.183	0.183	(3,343,855)
DIFFERENCE %		(28.0)			(28.0)	8.2	8.2	(28.2)
TIGER BAY STIPULATED PAYMENTS								
TIGER BAY - ECOPEAT	CO-GEN	28,221			28,221	1.478	1.478	417,088
TIGER BAY - GENERAL PEAT	CO-GEN	120,812			120,812	1.881	1.881	2,244,857
TIGER BAY - TIMBER 2	CO-GEN	4,217			4,217	1.859	1.859	78,408
TIGER BAY - STEAM SALES	CO-GEN	0			0	0.000	0.000	(88,918)
TOTAL OF ENERGY PAYMENTS INCLUDING TIGER BAY								
CURRENT MONTH TOTAL		581,882			581,882	2.044	2.044	12,100,271
DIFFERENCE		(28,155)			(28,155)	2.044	2.044	(673,421)
DIFFERENCE %		(4.2)			(4.2)	0.0	0.0	(5.3)
CUMULATIVE ACTUAL		780,980			780,980	1.888	1.888	14,431,613
CUMULATIVE ESTIMATED		618,037			618,037	2.087	2.087	12,773,892
CUMULATIVE DIFFERENCE		142,943			142,943	(0.171)	(0.171)	1,657,721
CUMULATIVE DIFFERENCE %		23.1			23.1	(8.3)	(8.3)	13.0

