


FLORIDA
PUBLIC UTILITIES COMPANY

P O Box 3395
West Palm Beach,
FL 33402-3395

April 18, 1997

**ORIGINAL
FILE COPY**

Ms Blanca S Bayo, Director
Florida Public Service Commission
2540 Shumard Blvd
Tallahassee FL 32399-0950

970001-EZ

RE: DOCKET NO. ~~960001-EI~~ CONTINUING
SURVEILLANCE AND REVIEW OF FUEL COST
RECOVERY CLAUSES OF ELECTRIC UTILITIES

Dear Ms Bayo:

We are enclosing twenty (20) copies of October 1996 - March 1997 period. This information is based on 6 months actual data:

1. M 1 - Florida Public Utilities Calculation of Purchased Power Costs & Calculation of True-Up and Interest Provision - Marianna Division.
2. F 1 - Florida Public Utilities Calculation of Purchased Power Costs & Calculation of True-Up and Interest Provision - Fernandina Division.

Sincerely,

Cheryl Martin

Cheryl Martin
Manager of Corporate Accounting
1-961-838-1725
Enclosure

cc: Welch, Kathy-FPSC
Willingham, William
FPU:
Bachman, GM (no enc)
Cressman, FC
Cutshaw, PM
English, JT
Foster, PM
Troy, DT (no enc)
SJ 80-441
Disk/FUEL 80-441 FPSC-fuel.cm

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AFA 1
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RUF _____
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WAS _____
OTH _____

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FPSC-RECORDS/REPORTING

FLORIDA PUBLIC UTILITIES COMPANY
CALCULATION OF PURCHASED POWER COSTS AND
CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLD
PERIOD OCTOBER 1996 - MARCH 1997
BASED ON FIVE MONTHS ACTUAL AND ONE MONTH ESTIMATED
(EXCLUDES LINE LOSS , EXCLUDES TAXES)

Schedule F1

FERNANDINA BEACH

	Actual OCTOBER 1996	Actual NOVEMBER 1996	Actual DECEMBER 1996	Actual JANUARY 1997	Actual FEBRUARY 1997	Actual MARCH 1997	Total Actual	
Total System Sales - KWH							786,900	
CCA Purchases - KWH	195,800	109,800	205,400	129,800	45,100	101,000	786,900	
JEA Purchases - KWH	26,841,852	23,007,118	29,467,300	31,048,348	28,310,118	27,751,225	166,425,959	
System Billing Demand - KW	62,406	56,090	76,742	81,178	76,922	73,338	426,676	
Purchased Power Rates:								
CCA Fuel Costs - \$/KWH	0.018700	0.018700	0.018700	0.018700	0.018700	0.018700		
Base Fuel Costs - \$/KWH	0.01845	0.01845	0.01845	0.01845	0.01845	0.01845		
Fuel Adjustment - \$/KWH	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000		
Demand and Non-Fuel:								
Demand Charge - \$/KW	6.00	6.00	6.00	6.00	6.00	6.00		
Customer Charge - \$	225.00	225.00	225.00	225.00	225.00	225.00		
Energy Charge (Excl. Fuel) \$/KWH	0.01205	0.01205	0.01205	0.00905	0.00905	0.00905		
Purchased Power Costs:								
CCA Fuel Costs	3,661	2,053	3,841	2,427	843	1,889	14,714	
JEA Base Fuel Costs	495,232	424,481	543,672	572,841	522,322	512,010	3,070,558	
JEA Fuel Adjustment	0	0	0	0	0	0	0	
Subtotal Fuel Costs	498,893	426,534	547,513	575,268	523,165	513,899	3,085,272	
Demand and Non-Fuel Costs:								
Demand Charge	374,436	336,540	460,452	487,068	461,532	440,028	2,560,066	
Customer Charge	225	225	225	225	225	225	1,350	
Energy Charge	323,444	277,236	355,091	280,968	256,207	251,149	1,744,105	
Subtotal Demand & Non-Fuel Costs	698,105	614,001	815,768	768,281	717,964	691,402	4,305,511	
Total System Purchased Power Costs	1,196,998	1,040,535	1,363,271	1,343,549	1,241,129	1,205,301	7,390,783	
Less Direct Billing To GSLD Class:								
Demand	162,203	165,923	92,035	117,313	181,053	226,412	944,939	
Commodity	235,143	214,602	244,356	231,337	290,339	268,894	1,490,671	
Net Purchased Power Costs	799,652	660,010	1,026,880	994,899	763,737	709,995	4,955,173	
Sales Revenues								
Fuel Adjustment Revenues:	Rate							
RS	0.04973	550,198	425,255	510,601	649,144	574,400	457,815	3,167,413
GS	0.04806	68,946	68,156	68,675	82,185	74,793	73,219	455,974
GSD	0.04493	340,557	273,508	287,935	302,242	270,436	286,172	1,760,850
OL	0.03494	1,702	1,666	1,727	1,720	1,719	1,712	10,246
SL,CSL	0.03494	2,697	2,696	2,697	2,697	2,701	2,701	16,189
Total Fuel Revenues (Excl. GSLD)		984,100	771,281	871,635	1,037,968	924,049	821,619	5,410,672
GSLD Fuel Revenues		397,346	380,525	336,391	348,650	477,392	495,306	2,435,610
Non-Fuel Revenues		491,145	437,226	459,031	506,744	494,602	465,748	2,856,496
Total Sales Revenues		1,872,591	1,589,032	1,667,057	1,895,362	1,896,043	1,782,673	10,702,778
KWH Sales:								
RS		11,061,597	8,551,280	10,267,983	13,053,421	11,551,273	9,206,511	63,692,065
GS		1,850,733	1,418,136	1,428,941	1,710,041	1,556,234	1,523,488	9,487,573
GSD		7,579,730	6,087,429	6,408,522	6,726,954	6,019,061	6,369,282	39,190,978
GSLD		7,504,000	6,842,000	7,798,000	8,176,000	10,466,000	9,500,000	50,286,000
OL		48,721	47,671	49,421	49,232	49,210	48,990	293,245
SL,CSL		77,189	77,159	77,201	77,201	77,295	77,295	463,340
Total KWH Sales		28,121,970	23,023,675	26,030,068	29,792,649	29,719,073	26,725,566	163,413,201
True-up Calculation (Excl. GSLD):							Period to Date	
Fuel Revenues		984,100	771,281	871,635	1,037,968	924,049	821,619	5,410,672
True-up Provision		51,251	51,251	51,251	51,251	51,251	51,255	307,510
Gross Receipts Tax Refund		0	0	0	0	0	0	0
Fuel Revenue		932,849	720,030	820,384	986,737	872,798	770,364	5,103,162
Net Purchased Power Costs		799,652	660,010	1,026,880	994,899	763,737	709,995	4,955,173
True-up Provision for the Period		133,197	60,020	(206,496)	(8,162)	109,061	60,369	147,989
Interest Provision for the Period		(971)	(308)	(430)	(699)	(209)	417	(2,200)
True-up and Interest Provision		(307,510)	(124,033)	(13,070)	(166,745)	(126,355)	33,748	(307,510)
Beginning of Period		51,251	51,251	51,251	51,251	51,251	51,255	307,510
True-up Collected or (Refunded)		(124,033)	(13,070)	(166,745)	(126,355)	33,748	145,789	145,789
End of Period, Net True-up								2.94%
10% RULE								
Interest Provision:								
Beginning True-up Amount		(307,510)	(124,033)	(13,070)	(166,745)	(126,355)	33,748	
Ending True-up Amount Before Interest		(123,062)	(12,762)	(168,315)	(125,656)	33,957	145,372	
Total Beginning and Ending True-up		(430,572)	(136,795)	(181,385)	(294,401)	(92,398)	179,120	
Average True-up Amount		(215,286)	(68,398)	(90,693)	(147,201)	(46,199)	89,560	
Interest Rate		5.4100%	5.4100%	5.6900%	5.7000%	5.4400%	5.5850%	
Monthly Average Interest Rate		0.4508%	0.4508%	0.4742%	0.4750%	0.4533%	0.4654%	
Interest Provision		(971)	(308)	(430)	(699)	(209)	417	

FLORIDA PUBLIC UTILITIES COMPANY
CALCULATION OF PURCHASED POWER COSTS AND
CALCULATION OF TRUE-UP AND INTEREST PROVISION
OCTOBER 1996 - MARCH 1997
BASED ON FIVE MONTHS ACTUAL AND ONE MONTH ESTIMATED
(INCLUDES LINE LOSS, EXCLUDES TAXES)

Schedule M1

MARIANNA DIVISION

	Actual	Actual	Actual	Actual	Actual	Actual	Total
	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	
	1996	1996	1996	1997	1997	1997	
Total System Sales - KWH	22,139,916	18,880,043	22,191,384	22,986,177	21,211,330	20,166,765	127,575,615
Total System Purchases - KWH	21,817,400	19,251,400	25,408,400	24,042,473	20,183,589	20,479,492	130,982,754
System Billing Demand - KW	52,756	52,756	67,176	57,142	52,358	36,703	318,891
Purchased Power Rates:							
Base Fuel Costs - \$/KWH	0.02900	0.02900	0.02900	0.02200	0.02200	0.02200	
Fuel Adjustment - \$/KWH	(0.004778)	(0.008827)	(0.007274)	0.000000	0.000000	0.000000	
Demand and Non-Fuel:							
Demand Charge - \$/KW	6.50	6.50	6.50	6.92	6.92	6.92	
Customer Charge - \$	550.00	550.00	550.00	550.00	550.00	550.00	
Energy Charge (Excl. Fuel) \$/KWH	0.00689	0.00689	0.00689	0.000000	0.000000	0.000000	
Transformation Charge	0	0	0	31,980	31,980	31,980	
Purchased Power Costs:							
Base Fuel Costs	626,905	555,291	736,844	528,934	444,039	450,549	3,345,562
Fuel Adjustment	(103,218)	(169,831)	(184,832)	0	0	0	(457,881)
Subtotal Fuel Costs	523,687	385,460	552,012	528,934	444,039	450,549	2,887,681
Demand and Non-Fuel Costs:							
Demand Charge	342,914	342,914	436,844	395,423	362,317	253,984	2,134,196
Customer Charge	550	550	550	550	550	550	3,300
Energy Charge	148,944	132,642	175,084	0	0	0	456,650
Transformation Charge	0	0	0	31,980	31,980	31,980	
Subtotal Demand & Non-Fuel Costs	492,408	478,106	612,258	427,953	394,847	286,514	2,594,146
Total System Purchased Power Costs	1,016,095	864,566	1,164,270	956,887	838,886	737,063	5,577,787
Sales Revenues							
Fuel Adjustment Revenues:	Rate						
Residential RS	0.04947	435,906	369,564	498,237	549,830	500,975	2,781,099
Commercial GS	0.04678	96,080	76,109	85,743	79,350	78,732	493,790
Commercial GSD	0.04406	324,295	259,156	282,016	289,456	281,519	1,709,357
Industrial GSLD	0.04272	160,082	158,526	158,125	145,784	120,428	166,503
Residential OL,OL-2	0.03460	5,489	5,814	5,722	5,809	5,799	34,201
Other SL-1,SL-2,SL-3	0.03460	3,261	3,279	3,280	3,275	3,280	19,662
Total Fuel Revenues		1,025,113	872,250	1,033,123	1,073,504	990,731	5,927,575
Non-Fuel Revenues		435,281	399,819	448,558	463,930	442,799	2,605,035
Total Sales Revenue		1,460,394	1,272,069	1,481,681	1,537,434	1,433,530	8,532,610
KWH Sales:							
Residential RS		8,809,844	7,489,991	10,071,323	11,114,889	10,126,515	55,810,880
Commercial GS		1,989,680	1,580,258	1,757,746	1,626,682	1,614,022	10,122,788
Commercial GSD		7,360,303	5,881,845	6,400,722	6,589,587	6,389,444	38,796,116
Industrial GSLD		3,747,240	3,710,820	3,701,436	3,412,548	2,818,968	21,288,564
Residential OL,OL-2		158,630	162,256	165,372	167,892	167,590	988,456
Other SL-1,SL-2,SL-3		94,239	94,773	94,785	94,659	94,791	568,811
Total KWH Sales		22,139,916	18,880,043	22,191,384	22,986,177	21,211,330	127,575,615
True-up Calculation:							Period to Date
Fuel Revenues		1,025,113	872,250	1,033,123	1,073,504	990,731	5,927,575
True-up Provision		(1,455)	(1,455)	(1,455)	(1,455)	(1,455)	(8,729)
Gross Receipts Tax Refund		0	0	0	0	0	0
Fuel Revenue		1,026,568	873,705	1,034,578	1,074,959	992,186	5,936,304
Total Purchased Power Costs		1,016,095	864,566	1,164,270	956,887	838,886	5,577,787
True-up Provision for the Period		10,473	9,139	(129,692)	118,072	153,300	358,537
Interest Provision for the Period		60	97	(189)	(225)	392	1,349
True-up and Interest Provision		8,729	17,807	25,588	(106,748)	10,644	3,729
Beginning of Period		(1,455)	(1,455)	(1,455)	(1,455)	(1,455)	(8,729)
True-up Collected or (Refunded)		17,807	25,588	(106,748)	10,644	162,881	359,886
End of Period, Net True-up							6.45%
10% Rule							
Interest Provision:							
Beginning True-up Amount		8,729	17,807	25,588	(106,748)	10,644	162,881
Ending True-up Amount Before Interest		17,747	25,491	(106,559)	10,889	162,489	358,672
Total Beginning and Ending True-up		26,476	43,298	(79,971)	(94,879)	173,133	521,553
Average True-up Amount		13,238	21,649	(39,986)	(47,440)	86,567	260,777
Average Interest Rate		5.4100%	5.4100%	5.6800%	5.7000%	5.4400%	5.5850%
Monthly Average Interest Rate		0.4508%	0.4508%	0.4733%	0.4750%	0.4533%	0.4654%
Interest Provision		60	97	(189)	(225)	392	1,214