

FLORIDA PUBLIC UTILITIES COMPANY

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

October 24, 1995

Ms Blanca S Bayo, Director
Division of Records & Reporting
Florida Public Service Commission
2540 Shumard Blvd.
Tallahassee, FL 32399-0950

**RE: DOCKET NO 950001-EI CONTINUING
SURVEILLANCE AND REVIEW OF FUEL COST
RECOVERY CLAUSES OF ELECTRIC UTILITIES**

Dear Ms Bayo:

We are enclosing twenty (20) copies of the following for the April 1995 - September 1995 period. This information is based on 6 months actual data:

1. M1 - Florida Public Utilities Calculation of Purchased Power Costs and Calculation of True-Up and Interest Provision - Marianna Division.
2. F1 - Florida Public Utilities Calculation of Purchased Power Costs and Calculation of True-Up and Interest Provision - Fernandina Division.

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Sincerely,

Cheryl Martin

Cheryl Martin
Corporate Accounting Manager

cc: Mr G M Bachman
Mr F C Cressman
Mr P M Cutshaw
Mr J T English
Mr P Foster
Mr Norman Horton
Ms Kathy Welch (FPSC Miami)
SJ 80-441

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FLORIDA PUBLIC UTILITIES COMPANY

CALCULATION OF PURCHASED POWER COSTS AND
CALCULATION OF TRUE-UP AND INTEREST PROVISION

Schedule M1

APRIL 1995 - SEPTEMBER 1995
BASED ON SIX MONTHS ACTUAL
(INCLUDES LINE LOSS, EXCLUDES TAXES)

MARIANNA DIVISION

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
	1995	1995	1995	1995	1995	1995	
Total System Sales - KWH	17,117,089	19,823,568	25,886,250	26,654,348	28,821,261	27,932,686	146,035,202
Total System Purchases - KWH	19,472,200	24,092,400	28,280,000	29,754,200	31,241,800	25,700,000	156,520,600
System Billing Demand - KW	47,694	57,323	64,492	64,366	68,413	60,286	362,574
Purchased Power Rates:							
Base Fuel Costs - \$/KWH	0.02900	0.02900	0.02900	0.02900	0.02900	0.02900	
Fuel Adjustment - \$/KvVH	(0.005881)	(0.007943)	(0.006483)	(0.011951)	(0.006207)	(0.005416)	
Demand and Non-Fuel:							
Demand Charge - \$/KW	6.50	6.50	6.50	6.50	6.50	6.50	
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	0.00689	0.00689	0.00689	
Purchased Power Costs:							
Base Fuel Costs	564,694	698,680	761,540	862,872	906,012	745,300	4,539,098
Fuel Adjustment	(114,518)	(191,376)	(222,772)	(355,586)	(193,922)	(139,186)	(1,217,360)
Subtotal Fuel Costs	450,176	507,304	538,768	507,286	712,090	606,114	3,321,738
Demand and Non-Fuel Costs:							
Demand Charge	310,011	372,600	419,198	416,379	444,685	391,859	2,356,732
Customer Charge	550	550	550	550	550	550	3,300
Energy Charge	134,163	165,997	180,932	205,006	215,256	177,073	1,078,427
Subtotal Demand & Non-Fuel Costs	444,724	539,147	600,680	623,935	660,491	569,482	3,438,459
Total System Purchased Power Costs	894,900	1,046,451	1,139,448	1,131,221	1,372,581	1,175,596	6,760,197

Sales Revenues							
Fuel Adjustment Revenues:	Rate						
Residential	RS 0.05147	354,495	400,854	582,532	629,563	676,978	639,145
Commercial	GS 0.04911	67,058	76,270	105,816	105,805	108,746	119,355
Commercial	GSD 0.04537	252,657	288,690	364,678	363,056	393,945	390,236
Industrial	GSLD 0.04377	134,182	161,459	181,533	176,599	198,704	185,985
Residential	OL,OL-2 0.03259	4,294	4,313	4,247	4,342	4,368	4,393
Other	SL-1,SL-2,SL-3 0.03180	3,118	3,129	3,110	3,123	3,097	3,160
Total Fuel Revenues		815,784	934,715	1,241,914	1,282,488	1,385,838	1,342,276
Non-Fuel Revenues		314,869	325,292	386,908	398,031	413,904	411,194
Total Sales Revenue		1,130,653	1,260,007	1,628,822	1,680,519	1,799,742	1,753,470

KWH Sales/Rate:							
Residential	RS	6,887,841	7,787,963	11,318,212	12,231,632	13,152,809	12,417,816
Commercial	GS	1,365,470	1,553,046	2,154,681	2,154,446	2,214,344	2,430,359
Commercial	GSD	5,568,823	5,363,011	8,037,821	8,002,120	8,682,945	8,601,200
Industrial	GSLD	3,065,160	3,688,800	4,147,440	4,034,700	4,539,720	4,249,140
Residential	OL,OL-2	131,747	132,340	130,312	133,233	134,042	134,789
Other	SL-1,SL-2,SL-3	98,048	98,408	97,784	98,217	97,401	99,382
Total KWH Sales		17,117,089	19,823,568	25,886,250	26,654,348	28,821,261	27,932,686

True-up Calculation:							Period to Date
Fuel Revenues		815,784	934,715	1,241,914	1,282,488	1,385,838	1,342,276
True-up Provision		12,870	12,870	12,870	12,870	12,870	12,871
Gross Receipts Tax Refund		0	0	0	0	0	0
Fuel Revenue		802,914	921,845	1,229,044	1,269,618	1,372,968	1,329,405
Total Purchased Power Costs		894,900	1,046,451	1,139,448	1,131,221	1,372,581	1,175,596
True-up Provision for the Period		(91,986)	(124,606)	89,596	138,397	387	155,809
Interest Provision for the Period		(593)	(1,076)	(1,108)	(462)	(53)	388
True-up and Interest Provision		(77,221)	(156,930)	(269,742)	(168,384)	(17,579)	(4,375)
Beginning of Period		(77,221)	(156,930)	(269,742)	(168,384)	(17,579)	(77,221)
True-up Collected or (Refunded)		12,870	12,870	12,870	12,870	12,870	12,871
End of Period, Net True-up		(156,930)	(269,742)	(168,384)	(17,579)	(4,375)	162,693

Interest Provision		(77,221)	(156,930)	(269,742)	(168,384)	(17,579)	(4,375)
Beginning True-up Amount		(156,337)	(268,666)	(167,276)	(17,117)	(4,322)	162,305
Ending True-up Amount Before Interest		(233,558)	(425,596)	(437,018)	(185,501)	(21,901)	157,930
Total Beginning and Ending True-up		(116,779)	(212,798)	(218,509)	(92,751)	(10,951)	78,965
Average True-up Amount		6.0950%	6.0700%	6.0850%	5.9800%	5.8500%	5.8900%
Interest Rate		0.5079%	0.5058%	0.5071%	0.4983%	0.4875%	0.4908%
Monthly Average Interest Rate		(593)	(1,076)	(1,108)	(462)	(53)	388
Interest Provision							

FLORIDA PUBLIC UTILITIES COMPANY

CALCULATION OF PURCHASED POWER COSTS AND
CALCULATION OF TRUE-UP AND INTEREST PROVISION

Schedule F 1

APRIL 1995 - SEPTEMBER 1995

BASED ON SIX MONTHS ACTUAL
(EXCLUDES LINE LOSS, EXCLUDES TAXES)

FERNANDINA BEACH DIVISION

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	
	APRIL 1995	MAY 1995	JUNE 1995	JULY 1995	AUGUST 1995	SEPTEMBER 1995	TOTAL
Total System Sales - KWH	20,473,961	25,328,123	30,387,145	31,138,791	33,731,404	31,568,012	172,627,436
CCA Purchases - KWH	644,600	458,600	244,900	196,700	430,300	154,400	2,129,500
JEA Purchases - KWH	21,017,438	30,720,589	30,099,000	34,942,831	33,741,075	30,091,364	180,612,277
System Billing Demand - KW	63,347	74,547	68,992	73,875	79,789	79,923	440,473
Purchased Power Rates:							
CCA Fuel Costs - \$/KWH	0.017500	0.017500	0.017500	0.017500	0.017500	0.018700	
Base Fuel Costs - \$/KWH	0.01725	0.01725	0.01725	0.01725	0.01725	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	0.01645	0.01645	0.01645	0.01645	0.01645	0.01645	
Purchased Power Costs:							
CCA Fuel Costs	11,281	8,026	4,286	3,442	7,530	2,887	37,452
JEA Base Fuel Costs	362,551	529,930	519,208	602,764	582,034	555,185	3,151,672
JEA Fuel Adjustment	0	0	0	0	0	0	0
Subtotal Fuel Costs	373,832	537,956	523,494	606,206	589,564	558,072	3,189,124
Demand and Non-Fuel Costs:							
Demand Charge	380,062	447,282	413,952	443,250	478,734	479,538	2,642,838
Customer Charge	225	225	225	225	225	225	1,350
Energy Charge	345,737	505,353	495,128	574,809	555,040	495,003	2,971,070
Subtotal Demand & Non-Fuel Costs	726,044	952,860	909,305	1,018,284	1,033,999	974,766	5,615,258
Total System Purchased Power Costs	1,099,876	1,490,816	1,432,799	1,624,490	1,623,563	1,532,838	8,804,382
Less Direct Billing To GSLD Class:							
Demand	154,452	179,687	127,381	130,509	57,541	204,070	853,640
Commodity	183,674	289,186	232,333	229,481	218,346	287,269	1,410,289
Net Purchased Power Costs	761,750	1,051,943	1,073,085	1,264,500	1,347,676	1,041,499	6,540,453
Sales Revenues							
Fuel Adjustment Revenues:	Rate						
RS	0.04956	391,865	473,196	670,991	728,811	627,653	3,778,862
GS	0.04694	58,161	68,463	88,098	89,796	100,582	496,470
GSD	0.04508	263,128	301,069	366,371	350,206	380,347	2,005,548
OL	0.03933	1,820	1,819	1,826	1,824	1,824	10,945
SLCSL	0.03933	3,101	3,101	3,101	3,104	3,108	18,616
Total Fuel Revenues (Excl. GSLD)		718,114	847,662	1,130,367	1,173,740	1,313,510	1,127,101
GSLD Fuel Revenues		338,126	438,873	359,714	359,990	275,887	491,339
Non-Fuel Revenues		345,379	399,584	496,190	479,981	509,591	480,445
Total Sales Revenue		1,401,619	1,686,119	1,986,291	2,012,711	2,098,898	11,284,523
KWH Sales:							
RS	7,906,876	9,547,946	13,539,899	14,703,991	16,698,157	13,847,577	76,244,446
GS	1,239,047	1,458,528	1,876,825	1,912,991	2,142,781	1,946,526	10,576,698
GSD	5,536,916	6,678,554	8,127,139	7,768,542	8,437,153	7,640,351	44,488,655
GSLD	5,366,000	7,518,000	6,718,000	6,628,000	6,328,000	8,008,000	40,566,000
OL	46,273	46,246	46,433	46,418	46,380	46,529	278,279
SLCSL	78,849	78,849	78,849	78,849	78,933	79,029	473,358
Total KWH Sales	20,473,961	25,328,123	30,387,145	31,138,791	33,731,404	31,568,012	172,627,436
True-up Calculation (Excl. GSLD)							Period to Date
Fuel Revenues	718,114	847,662	1,130,367	1,173,740	1,313,510	1,127,101	6,310,514
True-up Provision	(37,330)	(37,330)	(37,330)	(37,330)	(37,330)	(37,327)	(223,977)
Gross Receipts Tax Refund	0	0	0	0	0	0	0
Fuel Revenue	755,444	884,992	1,167,717	1,211,070	1,350,840	1,164,428	6,534,491
Net Purchased Power Costs	761,750	1,051,943	1,073,085	1,264,500	1,347,676	1,041,499	6,540,453
True-up Provision for the Period	(6,306)	(166,951)	94,632	(53,430)	3,164	122,929	(5,962)
Interest Provision for the Period	1,027	401	31	(53)	(356)	(234)	816
True-up and Interest Provision							
Beginning of Period	223,977	181,368	(22,512)	34,821	(55,992)	(90,514)	223,977
True-up Collected or (Refunded)	(37,330)	(37,330)	(37,330)	(37,330)	(37,330)	(37,327)	(223,977)
End of Period, Net True-up	181,368	(22,512)	34,821	(55,992)	(90,514)	(5,146)	(5,146)
Interest Provision:							
Beginning True-up Amount	223,977	181,368	(22,512)	34,821	(55,992)	(90,514)	
Ending True-up Amount Before Interest	180,341	(22,913)	34,790	(55,939)	(90,158)	(4,912)	
Total Beginning and Ending True-up	404,318	158,455	12,278	(21,118)	(146,150)	(95,426)	
Average True-up Amount	202,159	79,228	6,139	(10,559)	(73,075)	(47,713)	
Interest Rate	6.0950%	6.0700%	6.0850%	5.9800%	5.8500%	5.8900%	
Monthly Average Interest Rate	0.5079%	0.5058%	0.5071%	0.4983%	0.4875%	0.4906%	
Interest Provision	1,027	401	31	(53)	(356)	(234)	