

FLORIDA ORIGINAL

PUBLIC UTILITIES COMPANY

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

October 23, 1997

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

RE: DOCKET NO. **970001-EI** CONTINUING
 SURVEILLANCE AND REVIEW OF FUEL COST
RECOVERY CLAUSES OF ELECTRIC UTILITIES

Dear Ms Bayo:

We are enclosing twenty (20) copies of April 1997 - September 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,

ACK _____
 AFA 2/11/97
 APP _____
 CAF _____
 CIAU _____
 CTR _____

Cheryl Martin
 Cheryl Martin
 Manager of Corporate Accounting

Enclosure

Bohemen
 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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 LIP 3
 OFD _____
 RCH _____
 SEC 1
 WAS _____
 OTH _____

DOCUMENT NUMBER-DATE

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FPSC-RECORDS/REPORTING

**FLORIDA PUBLIC UTILITIES COMPANY
CALCULATION OF PURCHASED POWER COSTS AND
CALCULATION OF TRUE-UP AND INTEREST PROVISION
APRIL 1997 - SEPTEMBER 1997
BASED ON SIX MONTHS ACTUAL**

Schedule M1

MARIANNA DIVISION

	Actual	Actual	Actual	Actual	Actual	Actual	Total
	APRIL 1997	MAY 1997	JUNE 1997	JULY 1997	AUGUST 1997	SEPTEMBER 1997	
Total System Sales - KWH	18,102,510	19,011,219	22,462,477	26,844,745	27,676,835	29,591,186	143,688,972
Total System Purchases - KWH	19,328,314	22,778,735	25,232,631	30,098,142	30,096,998	28,270,089	156,705,907
System Billing Demand - KW	41,163	47,698	54,196	53,019	62,706	61,658	320,830
Purchased Power Rates:							
Base Fuel Costs - \$/KWH	0.02200	0.02200	0.02200	0.02200	0.02200	0.02200	
Demand and Non-Fuel:							
Demand Charge - \$/KW	6.92	6.92	6.92	6.92	6.92	6.92	
Customer Charge - \$	550.00	550.00	550.00	550.00	550.00	550.00	
Transformation Charge	31,979	31,980	31,980	31,980	31,980	31,980	
Purchased Power Costs:							
Base Fuel Costs	423,245	501,132	505,118	681,959	662,134	621,942	3,447,530
Subtotal Fuel Costs	423,245	501,132	505,118	681,959	662,134	621,942	3,447,530
Demand and Non-Fuel Costs:							
Demand Charge	284,779	330,070	375,036	305,891	433,925	428,057	2,218,758
Customer Charge	550	550	550	550	550	550	3,300
Transformation Charge	31,979	31,980	31,980	31,980	31,980	31,980	191,879
Subtotal Demand & Non-Fuel Costs	317,308	362,600	407,566	399,421	466,455	460,587	2,413,937
Total System Purchased Power Costs	742,553	863,732	912,684	1,081,380	1,128,589	1,082,529	5,861,467
Sales Revenue							
Fuel Adjustment Revenues:	Rate						
Residential RS	0.04181	396,988	308,083	390,921	503,341	524,350	2,578,163
Commercial GS	0.04111	62,783	65,834	77,821	83,541	87,994	505,890
Commercial GSD	0.03627	216,034	234,941	261,863	298,048	307,263	1,640,047
Industrial GSLD	0.03491	113,501	124,591	130,836	140,099	140,015	150,303
Residential OL,OL-2	0.02679	4,509	4,673	4,455	4,626	4,596	27,456
Other SL-1,SL-2,SL-3	0.02558	2,538	2,537	2,566	2,573	2,567	15,335
Total Fuel Revenue		696,333	730,659	868,052	1,043,228	1,078,785	5,588,036
Non-Fuel Revenue		383,235	401,417	444,973	503,362	514,670	2,801,902
Total Sales Revenue		1,080,568	1,132,076	1,313,025	1,546,590	1,593,455	8,389,938
KWH Sales:							
Residential RS		7,104,038	7,388,194	8,350,647	12,041,712	12,542,710	13,263,939
Commercial GS		1,527,193	1,601,417	1,893,094	2,278,374	2,363,693	2,625,073
Commercial GSD		8,996,382	8,201,841	7,214,298	8,248,038	8,471,583	9,128,704
Industrial GSLD		3,251,232	3,568,908	3,742,068	4,013,148	4,010,736	4,305,432
Residential OL,OL-2		168,259	174,421	168,279	172,887	171,552	171,588
Other SL-1,SL-2,SL-3		95,486	95,438	95,181	96,786	95,561	96,450
Total KWH Sales		18,102,510	19,011,219	22,462,477	26,844,745	27,676,835	29,591,186
True-up Calculation:							Period to Date
Fuel Revenue		696,333	730,659	868,052	1,043,228	1,078,785	1,150,979
True-up Provision		(59,981)	(59,981)	(59,981)	(59,981)	(59,981)	(59,981)
Gross Receipts Tax Refund		0	0	0	0	0	0
Fuel Revenue		756,314	790,640	928,033	1,103,299	1,136,796	1,210,960
Total Purchased Power Costs		742,553	863,732	912,684	1,081,380	1,128,589	1,082,529
True-up Provision for the Period		13,761	(73,092)	(34,651)	21,829	8,177	128,431
Interest Provision for the Period		1,594	1,163	636	328	119	157
True-up and Interest Provision		15,355	(61,929)	(34,015)	22,157	8,296	146,588
Beginning of Period		359,886	315,260	183,350	89,354	51,530	(155)
True-up Collected or (Refunded)		(59,981)	(59,981)	(59,981)	(59,981)	(59,981)	(59,981)
End of Period, Net True-up		315,260	183,350	89,354	51,530	(155)	68,452
10% Rule							1.17%
Interest Provision:							
Beginning True-up Amount		359,886	315,260	183,350	89,354	51,530	(155)
Ending True-up Amount Before Interest		313,056	182,187	89,718	51,202	(274)	68,295
Total Beginning and Ending True-up		673,552	497,447	272,508	140,556	51,256	68,140
Average True-up Amount		336,776	248,724	136,254	70,278	25,628	34,070
Interest Rate		5.6800%	5.6100%	5.6100%	5.6000%	5.5700%	5.5400%
Monthly Average Interest Rate		0.4733%	0.4675%	0.4675%	0.4667%	0.4642%	0.4621%
Interest Provision		1,594	1,163	636	328	119	157

FLORIDA PUBLIC UTILITIES COMPANY
CALCULATION OF PURCHASED POWER COSTS AND
CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLD
PERIOD APRIL 1997 - SEPTEMBER 1997
BASED ON SIX MONTHS ACTUAL
(EXCLUDES LINE LOSS, EXCLUDES TAXES)

Schedule F1

FERNANDINA BEACH

	Actual APRIL 1997	Actual MAY 1997	Actual JUNE 1997	Actual JULY 1997	Actual AUGUST 1997	Actual SEPTEMBER 1997	Total Estimated
Total System Sales - KWH	26,725,666	26,159,842	30,207,520	34,410,532	35,449,376	39,431,440	192,384,276
CCA Purchases - KWH	106,300	200,600	51,800	107,600	85,000	180,100	711,700
JEA Purchases - KWH	26,634,104	26,204,224	34,042,657	37,936,039	36,213,542	39,779,364	203,811,930
System Billing Demand - KW	67,917	64,736	74,861	81,760	75,533	84,672	449,479
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	0.00905	0.00905	0.00905	0.00905	0.00905	0.00905	
Purchased Power Costs:							
CCA Fuel Costs	1,988	3,751	971	2,016	1,590	2,994	13,310
JEA Base Fuel Costs	491,389	538,818	628,067	699,957	668,140	733,929	3,760,330
JEA Fuel Adjustment	0	0	0	0	0	0	0
Subtotal Fuel Costs	493,387	542,569	629,058	701,973	669,730	736,923	3,773,640
Demand and Non-Fuel Costs:							
Demand Charge	407,502	388,416	449,166	490,560	453,198	508,032	2,696,874
Customer Charge	225	225	225	225	225	225	1,350
Energy Charge	241,039	264,298	308,086	343,339	327,733	360,003	1,844,488
Subtotal Demand & Non-Fuel Costs	648,766	652,939	757,477	834,124	781,156	868,260	4,542,722
Total System Purchased Power Costs	1,142,153	1,195,508	1,386,535	1,536,097	1,450,886	1,605,183	8,316,362
Less Direct Billing To GSLD Class:							
Demand	103,065	106,249	128,247	68,190	82,758	380,735	898,264
Commodity	250,296	238,302	261,285	229,664	245,542	330,765	1,555,854
Net Purchased Power Costs	788,772	851,957	997,003	1,218,243	1,112,586	893,683	5,662,244
Sales Revenues							
Fuel Adjustment Revenues:	Rate						
RS	0.04389	378,423	413,734	511,125	699,578	722,395	3,442,498
GS	0.04251	61,606	66,664	78,742	91,513	94,809	496,716
GSD	0.03999	248,401	263,228	293,057	322,091	317,517	1,797,739
OL	0.03088	1,495	1,525	1,564	1,562	1,574	8,220
SLCSL	0.03068	2,358	2,368	2,295	2,299	2,313	13,938
Total Fuel Revenues (Excl. GSLD)	693,293	747,519	886,783	1,117,059	1,138,594	1,176,863	5,780,111
GSLD Fuel Revenues	383,381	343,551	389,532	317,854	338,300	711,500	2,454,118
Non-Fuel Revenues	452,689	473,748	528,715	588,478	611,847	677,237	3,330,112
Total Sales Revenue	1,498,763	1,564,816	1,805,030	2,021,391	2,088,741	2,565,600	11,544,341
KWH Sales:							
RS	8,624,680	8,404,651	11,617,755	15,902,274	16,420,908	16,280,728	78,251,177
GS	1,448,218	1,568,204	1,852,315	2,152,738	2,230,272	2,431,944	11,684,691
GSD	6,258,533	6,632,108	7,383,960	8,115,164	7,999,930	8,905,136	45,294,531
GSLD	8,846,000	8,428,000	9,228,000	8,114,000	8,672,000	11,690,000	54,978,000
OL	48,720	49,710	50,989	51,556	51,318	48,234	300,527
SLCSL	77,189	77,169	74,800	74,600	74,948	75,398	454,284
Total KWH Sales	26,304,500	26,159,842	30,207,520	34,410,532	35,449,376	39,431,440	190,963,210
True-up Calculation (Excl. GSLD):							Period to Date
Fuel Revenues	693,293	747,519	886,783	1,117,059	1,138,594	1,176,863	5,780,111
True-up Provision	(24,298)	(24,298)	(24,298)	(24,298)	(24,298)	(24,299)	(145,789)
Gross Receipts Tax Refund	0	0	0	0	0	0	0
Fuel Revenue	717,591	771,817	911,081	1,141,357	1,162,892	1,201,162	5,905,900
Net Purchased Power Costs	788,772	851,957	997,003	1,218,243	1,112,586	893,683	5,662,244
True-up Provision for the Period	(71,181)	(60,140)	(85,922)	(78,886)	50,306	307,470	43,656
Interest Provision for the Period	464	(7)	(509)	(1,003)	(1,177)	(463)	(2,695)
True-up and Interest Provision	145,789	50,774	(53,671)	(164,400)	(266,587)	(241,756)	145,789
Beginning of Period							
True-up Collected or (Refunded)	(24,298)	(24,298)	(24,298)	(24,298)	(24,298)	(24,299)	(145,789)
End of Period, Net True-up	50,774	(53,671)	(164,400)	(266,587)	(241,756)	40,961	40,961
10% RULE							0.70%
Interest Provision:							
Beginning True-up Amount	145,789	50,774	(53,671)	(164,400)	(266,587)	(241,756)	
Ending True-up Amount Before Interest	80,310	(53,664)	(163,891)	(265,584)	(240,579)	41,424	
Total Beginning and Ending True-up	198,099	(2,890)	(217,562)	(429,984)	(507,106)	(200,332)	
Average True-up Amount	98,050	(1,445)	(108,781)	(214,992)	(253,553)	(100,166)	
Interest Rate	5.6800%	5.6100%	5.6100%	5.6000%	5.5700%	5.5450%	
Monthly Average Interest Rate	0.4733%	0.4675%	0.4675%	0.4667%	0.4642%	0.4621%	
Interest Provision	464	(7)	(509)	(1,003)	(1,177)	(463)	