



**Florida ORIGINAL
Public
Utilities
Company**

99 MAR 29 11 09 11
MAIL ROOM

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

March 24, 1999

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

RE: DOCKET NO. 990001-EI CONTINUING
SURVEILLANCE AND REVIEW OF FUEL COST
RECOVERY CLAUSES OF ELECTRIC UTILITIES

Dear Ms Bayo:

We are enclosing twenty (20) copies of April 1998 – December 1998 period. This information is based on 9 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.

ACK _____ Sincerely,
AFA 6 _____
APP _____ Cheryl Martin
CAF _____
CMU _____ Cheryl Martin
CTR _____ Manager of Corporate Accounting

EAC Bachman enclosure
LEG 1 cc: Welch, Kathy-FPSC
LIN 3 Horton, Doc
OPC _____ FPU:
RCH _____ Bachman, GM (no enc)
SEC 1 Cutshaw, PM
WAS _____ English, JT
OTH _____ Foster, PM
Troy, DT (no enc)
SJ 80-441
Disk/FUEL 80-441 FPSC-fuel.cm

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
 OCTOBER 1998 - DECEMBER 1998
 BASED ON THREE MONTHS ACTUAL

Schedule M1

MARIANNA DIVISION

	ACTUAL	ACTUAL	ACTUAL	Estimated	Estimated	Estimated	
	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	Total
	1998	1998	1998	1999	1999	1999	
Total System Sales - KWH	25,804,963	20,046,664	20,875,444				66,727,071
Total System Purchases - KWH	24,050,830	19,943,080	22,310,776				66,304,686
System Billing Demand - KW	53,308	38,949	50,069				142,326
Purchased Power Rates:							
Base Fuel Costs - \$/KWH	0.02150	0.02150	0.02150				
Demand and Non-Fuel:							
Demand Charge - \$/KW	6.77	6.77	6.77				
Customer Charge - \$	550.00	550.00	550.00				
Transformation Charge	31,980	31,980	31,980				
Purchased Power Costs:							
Base Fuel Costs	517,093	428,776	479,882	0	0	0	1,425,551
Subtotal Fuel Costs	517,093	428,776	479,882	0	0	0	1,425,551
Demand and Non-Fuel Costs:							
Demand Charge	360,895	263,684	338,967	0	0	0	963,546
Customer Charge	550	550	550	0	0	0	1,650
Transformation Charge	31,980	31,980	31,980	0	0	0	95,940
Subtotal Demand & Non-Fuel Costs	393,425	296,214	371,487	0	0	0	1,061,136
Total System Purchased Power Costs	910,518	724,990	851,179	0	0	0	2,486,687
Sales Revenues							
Fuel Adjustment Revenues:							
Residential RS	0.04137	451,498	328,907	367,976	0	0	1,148,381
Commercial GS	0.04067	96,111	73,973	74,044	0	0	244,128
Commercial GSD	0.03577	310,778	245,585	241,672	0	0	798,035
Industrial GSLD	0.03437	122,089	107,357	107,009	0	0	0
Residential OL,OL-2	0.02590	4,935	4,970	5,012	0	0	14,917
Other SL-1,SL-2,SL-3	0.02599	2,497	2,481	2,496	0	0	7,474
Total Fuel Revenues		987,908	763,273	796,209	0	0	2,549,390
Non-Fuel Revenues		506,635	435,501	447,034	0	0	1,389,170
Total Sales Revenue		1,494,543	1,198,774	1,243,243	0	0	3,938,560
KWH Sales:							
Residential RS		10,914,698	7,951,230	8,895,603			27,761,531
Commercial GS		2,383,199	1,818,871	1,820,607			6,002,677
Commercial GSD		8,688,222	6,865,686	6,756,284			22,310,154
Industrial GSLD		3,552,192	3,123,558	3,113,436			9,789,186
Residential OL,OL-2		190,558	191,879	193,500			575,937
Other SL-1,SL-2,SL-3		96,084	95,458	96,034			287,586
Total KWH Sales		25,804,963	20,046,664	20,875,444	0	0	66,727,071
True-up Calculation:							Period
Fuel Revenues		987,908	763,273	796,209	0	0	to Date
True-up Provision	DIVIDED BY 3	(81,340)	(81,340)	(81,341)	0	0	2,549,390
Gross Receipts Tax Refund		0	0	0	0	0	(244,021)
Fuel Revenue		1,069,248	844,613	879,550	0	0	0
Total Purchased Power Costs		910,518	724,990	851,179	0	0	2,793,411
True-up Provision for the Period		158,730	119,623	28,371	0	0	2,486,687
Interest Provision for the Period		1,216	1,510	1,456	0	0	306,724
True-up and Interest Provision							4,182
Beginning of Period		244,021	322,627	382,420	0	0	244,021
True-up Collected or (Refunded)		(81,340)	(81,340)	(81,341)	0	0	(244,021)
End of Period, Net True-up		322,627	382,420	310,906	0	0	310,906
10% Rule							12.50%
Interest Provision:							
Beginning True-up Amount		244,021	322,627	362,420	0	0	0
Ending True-up Amount Before Interest		321,411	360,910	309,450	0	0	0
Total Beginning and Ending True-up		565,432	683,537	671,870	0	0	0
Average True-up Amount		282,716	341,769	335,935	0	0	0
Average Annual Interest Rate		5.1600%	5.3000%	5.2000%	5.2000%	5.2000%	5.2000%
Monthly Average Interest Rate		0.4300%	0.4417%	0.4333%	0.4333%	0.4333%	0.4333%
Interest Provision		1,216	1,510	1,456	0	0	0

FLORIDA PUBLIC UTILITIES COMPANY
 CALCULATION OF PURCHASED POWER COSTS AND
 CALCULATION OF TRUE-UP AND INTEREST PROVISION
 APRIL 1998 - SEPTEMBER 1998
 BASED ON SIX MONTHS ACTUAL

Schedule M1

MARIANNA DIVISION

	Actual	Actual	Actual	Actual	Actual	Actual	Total	
	APRIL 1998	MAY 1998	JUNE 1998	JULY 1998	AUGUST 1998	SEPTEMBER 1998		
Total System Sales - KWH	18,419,256	20,514,533	28,895,740	33,003,526	28,475,881	28,675,198	157,784,134	
Total System Purchases - KWH	19,197,713	27,433,865	32,873,685	32,567,688	32,090,073	27,603,825	171,766,849	
System Billing Demand - KW	38,234	56,083	67,988	65,576	66,036	59,202	351,099	
Purchased Power Rates:								
Base Fuel Costs - \$/KWH	0.02150	0.02150	0.02150	0.02150	0.02150	0.02150		
Demand and Non-Fuel:								
Demand Charge - \$/KW	6.77	6.77	6.77	6.77	6.77	6.77		
Customer Charge - \$	550.00	550.00	550.00	550.00	550.00	550.00		
Transformation Charge	31,980	31,979	31,980	31,979	31,979	31,979		
Purchased Power Costs:								
Base Fuel Costs	412,751	589,828	706,784	700,205	689,937	593,482	3,692,987	
Subtotal Fuel Costs	412,751	589,828	706,784	700,205	689,937	593,482	3,692,987	
Demand and Non-Fuel Costs:								
Demand Charge	245,304	379,682	460,143	443,950	447,064	400,788	2,376,941	
Customer Charge	550	550	550	550	550	550	3,300	
Transformation Charge	31,980	31,979	31,980	31,979	31,979	31,979	191,876	
Subtotal Demand & Non-Fuel Costs	277,834	412,211	492,673	476,479	479,593	433,327	2,572,117	
Total System Purchased Power Costs	690,585	1,002,039	1,199,457	1,176,684	1,169,530	1,026,809	6,265,104	
Sales Revenues								
Fuel Adjustment Revenues:								
Residential RS	0.04229	330,987	361,572	563,712	673,443	554,181	543,778	3,027,673
Commercial GS	0.04164	68,258	76,494	103,091	120,106	102,560	109,490	579,999
Commercial GSD	0.03713	224,708	251,501	328,619	369,096	333,935	338,221	1,846,060
Industrial GSLD	0.03584	93,899	110,153	134,671	142,235	130,083	135,955	0
Residential OL,OL-2	0.02813	5,212	5,145	5,172	5,251	5,251	5,252	31,283
Other SL-1,SL-2,SL-3	0.02812	2,703	2,710	2,707	2,708	2,707	2,704	16,239
Total Fuel Revenues		725,767	807,575	1,137,972	1,312,839	1,128,717	1,135,400	6,248,270
Non-Fuel Revenues		416,656	440,748	545,835	601,224	543,489	546,087	3,093,839
Total Sales Revenue		1,142,423	1,248,323	1,683,607	1,914,063	1,672,206	1,681,487	9,342,109
KWH Sales:								
Residential RS		7,829,357	8,550,676	13,331,277	15,926,346	13,108,203	12,859,871	71,603,930
Commercial GS		1,638,429	1,837,229	2,476,052	2,884,706	2,463,298	2,629,738	13,930,452
Commercial GSD		6,052,066	6,773,671	8,850,694	9,940,859	8,993,857	9,109,295	49,720,442
Industrial GSLD		2,619,960	3,073,464	3,757,548	3,968,616	3,629,544	3,793,392	20,842,524
Residential OL,OL-2		185,306	182,910	183,876	186,694	188,705	186,748	1,112,239
Other SL-1,SL-2,SL-3		96,138	96,383	96,293	96,305	96,274	96,154	577,547
Total KWH Sales		18,422,256	20,514,533	28,895,740	33,003,526	28,475,881	28,675,198	157,784,134
True-up Calculation:							Period to Date	
Fuel Revenues		725,767	807,575	1,137,972	1,312,839	1,128,717	1,135,400	6,248,270
True-up Provision		(42,721)	(42,721)	(42,721)	(42,721)	(42,721)	(42,719)	(256,324)
Gross Receipts Tax Refund		0	0	0	0	0	0	0
Fuel Revenue		768,488	850,296	1,180,893	1,355,560	1,171,438	1,178,119	6,504,594
Total Purchased Power Costs		690,585	1,002,039	1,199,457	1,176,684	1,169,530	1,026,809	6,265,104
True-up Provision for the Period		77,903	(151,743)	(18,764)	178,876	1,908	151,310	239,490
Interest Provision for the Period		1,265	899	317	493	712	845	4,531
True-up and Interest Provision								
Beginning of Period		256,324	292,771	99,206	38,038	174,686	134,585	256,324
True-up Collected or (Refunded)		(42,721)	(42,721)	(42,721)	(42,721)	(42,721)	(42,719)	(256,324)
End of Period, Net True-up		292,771	99,206	38,038	174,686	134,585	244,021	244,021
10% Rule								
Interest Provision:								3.89%
Beginning True-up Amount		256,324	292,771	99,206	38,038	174,686	134,585	
Ending True-up Amount Before Interest		291,508	98,307	37,721	174,193	133,873	243,176	
Total Beginning and Ending True-up		547,830	391,078	136,927	212,231	308,559	377,761	
Average True-up Amount		273,915	195,539	68,464	106,116	154,280	188,881	
Average Annual Interest Rate		5.5400%	5.5150%	5.5500%	5.5800%	5.5400%	5.3700%	
Monthly Average Interest Rate		0.4617%	0.4596%	0.4625%	0.4650%	0.4617%	0.4475%	
Interest Provision		1,265	899	317	493	712	845	

FLORIDA PUBLIC UTILITIES COMPANY
 CALCULATION OF PURCHASED POWER COSTS AND
 CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLD
 PERIOD OCTOBER 1998 - DECEMBER 1998
 BASED ON THREE MONTHS ACTUAL
 (EXCLUDES LINE LOSS, EXCLUDES TAXES)

Schedule F1

FERNANDINA BEACH	ACTUAL OCTOBER 1998	ACTUAL NOVEMBER 1998	ACTUAL DECEMBER 1998	Estimated JANUARY 1999	Estimated FEBRUARY 1999	Estimated MARCH 1999	Total Estimated
Total System Sales - KWH	38,650,986	34,326,940	33,414,204				106,392,130
JSC Purchases - KWH	42,400	11,000	74,100				127,500
JEA Purchases - KWH	36,987,921	36,095,830	34,984,062				108,067,813
System Billing Demand - KW	73,830	68,275	78,400				220,505
Purchased Power Rates:							
CCA Fuel Costs - \$/KWH	0.018700	0.018700	0.018700				
Base Fuel Costs - \$/KWH	0.01845	0.01845	0.01845				
Fuel Adjustment - \$/KWH	0.00000	0.00000	0.00000				
Demand and Non-Fuel:							
Demand Charge - \$/KW	6.00	6.00	6.00				
Customer Charge - \$	225.00	225.00	225.00				
Energy Charge (Excl. Fuel) \$/KWH	0.00455	0.00455	0.00455				
Purchased Power Costs:							
CCA Fuel Costs	793	206	1,386	0	0	0	2,385
JEA Base Fuel Costs	682,427	665,968	645,456	0	0	0	1,993,851
JEA Fuel Adjustment	0	0	0	0	0	0	0
Subtotal Fuel Costs	683,220	666,174	646,842	0	0	0	1,996,236
Demand and Non-Fuel Costs:							
Demand Charge	442,980	409,651	470,400	0	0	0	1,323,031
Customer Charge	225	225	225	0	0	0	675
Energy Charge	168,295	164,236	159,177	0	0	0	491,708
Subtotal Demand & Non-Fuel Costs	611,500	574,112	629,802	0	0	0	1,815,414
Total System Purchased Power Costs	1,294,720	1,240,286	1,276,644	0	0	0	3,811,650
Less Direct Billing To GSLD Class:							
Demand	157,221	186,572	225,578				569,371
Commodity	303,312	357,566	310,040				970,918
Net Purchased Power Costs	834,187	696,148	741,026	0	0	0	2,271,361
Sales Revenues							
Fuel Adjustment Revenues:	Rate						
RS	0.03538	512,487	328,329	378,414	0	0	1,219,230
GS	0.03391	81,055	60,111	62,967	0	0	204,123
GSD	0.03114	274,919	250,512	237,611	0	0	763,042
OL	0.02217	1,503	1,512	1,557	0	0	4,572
SL,CSL	0.02217	1,627	1,631	1,631	0	0	4,889
Total Fuel Revenues (Excl. GSLD)		871,591	642,095	682,170	0	0	2,195,856
GSLD Fuel Revenues		460,533	544,138	535,618	0	0	1,540,289
Non-Fuel Revenues		583,847	483,114	508,565	0	0	1,575,526
Total Sales Revenue		1,915,971	1,669,347	1,726,353			5,311,671
KWH Sales:							
RS	14,487,417	9,280,131	10,695,716				34,463,264
GS	2,390,189	1,772,601	1,856,518				6,019,308
GSD	8,828,208	8,044,460	7,630,194				24,502,862
GSLD	12,804,000	15,088,000	13,088,000				40,980,000
OL	67,780	68,178	70,206				206,164
SL,CSL	73,392	73,570	73,570				220,532
Total KWH Sales	38,650,986	34,326,940	33,414,204	0	0	0	106,392,130
True-up Calculation (Excl. GSLD):							Period to Date
Fuel Revenues	871,591	642,095	682,170	0	0	0	2,195,856
True-up Provision	(157,889)	(157,889)	(157,889)				(473,667)
Gross Receipts Tax Refund	0	0	0	0	0	0	0
Fuel Revenue	1,029,480	799,984	840,059	0	0	0	2,669,523
Net Purchased Power Costs	834,187	696,148	741,026	0	0	0	2,271,361
True-up Provision for the Period	195,293	103,836	99,033	0	0	0	398,162
Interest Provision for the Period	2,117	2,147	1,871	0	0	0	6,135
True-up and Interest Provision							
Beginning of Period	473,667	513,188	461,282	0	0	0	473,667
True-up Collected or (Refunded)	(157,889)	(157,889)	(157,889)	0	0	0	(473,667)
End of Period, Net True-up	513,188	461,282	404,297	0	0	0	404,297
10% RULE							17.80%
Interest Provision:							
Beginning True-up Amount	473,667	513,188	461,282	0	0	0	
Ending True-up Amount Before Interest	511,071	459,135	402,426	0	0	0	
Total Beginning and Ending True-up	984,738	972,323	863,708	0	0	0	
Average True-up Amount	492,369	486,162	431,854	0	0	0	
Average Interest Rate	5.1600%	5.3000%	5.2000%	5.2000%	5.2000%	5.2000%	
Monthly Average Interest Rate	0.4300%	0.4417%	0.4333%	0.4333%	0.4333%	0.4333%	
Interest Provision	2,117	2,147	1,871	0	0	0	

FLORIDA PUBLIC UTILITIES COMPANY
 CALCULATION OF PURCHASED POWER COSTS AND
 CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLD
 PERIOD APRIL 1998 - SEPTEMBER 1998
 BASED SIX MONTHS ACTUAL
 (EXCLUDES LINE LOSS, EXCLUDES TAXES)

Schedule F1

FERNANDINA BEACH

	Actual APRIL 1998	Actual MAY 1998	Actual JUNE 1998	Actual JULY 1998	Actual AUGUST 1998	Actual SEPTEMBER 1998	Total Estimated
Total System Sales - KWH	26,081,869	28,152,553	42,958,776	47,435,065	40,724,738	41,165,769	226,518,770
CCA Purchases - KWH	518,600	94,100	23,300	83,500	29,200	40,600	789,300
JEA Purchases - KWH	26,646,793	32,777,897	47,467,704	49,779,217	43,517,835	41,029,777	241,219,223
System Billing Demand - KW	63,123	82,970	90,451	90,541	85,747	89,242	502,074
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	0.00455	0.00455	0.00455	0.00455	0.00455	0.00455	
Purchased Power Costs:							
CCA Fuel Costs	9,698	1,760	436	1,561	546	759	14,760
JEA Base Fuel Costs	491,633	604,752	875,779	918,427	802,905	756,999	4,450,495
JEA Fuel Adjustment	0	0	0	0	0	0	0
Subtotal Fuel Costs	501,331	606,512	876,215	919,988	803,451	757,758	4,465,255
Demand and Non-Fuel Costs:							
Demand Charge	378,738	497,820	542,706	543,246	514,482	535,452	3,012,444
Customer Charge	225	225	225	225	225	225	1,350
Energy Charge	121,243	149,139	215,978	226,495	188,007	186,686	1,097,547
Subtotal Demand & Non-Fuel Costs	500,206	647,184	758,909	769,966	712,714	722,363	4,111,341
Total System Purchased Power Costs	1,001,537	1,253,696	1,635,124	1,689,954	1,516,165	1,480,121	8,576,596
Less Direct Billing To GSGLD Class:							
Demand	191,035	157,307	174,792	142,981	127,579	236,524	1,030,218
Commodity	174,006	184,916	336,477	334,060	278,060	297,768	1,605,287
Net Purchased Power Costs	636,496	911,473	1,123,855	1,212,913	1,110,526	945,829	5,941,091
Sales Revenues							
Fuel Adjustment Revenues:							
Rate							
RS 0.03961	389,223	420,167	666,160	804,346	674,017	648,921	3,602,834
GS 0.03802	63,382	69,584	97,345	110,750	98,180	97,573	536,794
GSD 0.03508	248,644	272,406	324,184	349,786	324,476	333,550	1,853,046
OL 0.02550	1,469	1,745	1,641	1,828	1,723	1,721	10,127
SL,CSL 0.02550	1,901	1,877	1,866	1,872	1,869	1,869	11,254
Total Fuel Revenues (Excl. GSGLD)	704,619	765,759	1,091,196	1,268,582	1,100,265	1,083,634	6,014,055
GSGLD Fuel Revenues	365,041	342,223	511,269	477,041	405,639	534,292	2,635,505
Non-Fuel Revenues	489,007	489,491	632,037	691,718	622,483	634,260	3,538,986
Total Sales Revenue	1,538,667	1,597,473	2,234,502	2,437,341	2,128,387	2,252,176	12,188,546
KWH Sales:							
RS	9,824,740	10,609,568	16,815,606	20,303,962	17,013,971	16,380,360	90,948,207
GS	1,667,058	1,829,677	2,560,358	2,912,929	2,582,331	2,566,353	14,118,706
GSD	7,087,914	7,765,284	9,241,267	9,971,106	9,249,594	9,508,273	52,823,438
GSGLD	7,370,000	7,806,000	14,204,000	14,102,000	11,738,000	12,570,000	67,790,000
OL	57,616	68,424	64,357	71,674	67,551	67,492	387,114
SL,CSL	74,541	73,600	73,188	73,394	73,291	73,291	441,305
Total KWH Sales	26,081,869	28,152,553	42,958,776	47,435,065	40,724,738	41,165,769	226,518,770
True-up Calculation (Excl. GSGLD):							Period to Date
Fuel Revenues	704,619	765,759	1,091,196	1,268,582	1,100,265	1,083,634	6,014,055
True-up Provision	(65,125)	(65,125)	(65,125)	(65,125)	(65,125)	(65,125)	(390,750)
Gross Receipts Tax Refund	0	0	0	0	0	0	0
Fuel Revenue	769,744	830,884	1,156,321	1,333,707	1,165,390	1,148,759	6,404,805
Net Purchased Power Costs	636,496	911,473	1,123,855	1,212,913	1,110,526	945,829	5,941,092
True-up Provision for the Period	133,248	(80,589)	32,466	120,794	54,864	202,930	463,713
Interest Provision for the Period	1,961	1,783	1,390	1,458	1,559	1,803	9,954
True-up and Interest Provision							
Beginning of Period	390,750	460,834	316,903	285,634	342,761	334,059	390,750
True-up Collected or (Refunded)	(65,125)	(65,125)	(65,125)	(65,125)	(65,125)	(65,125)	(390,750)
End of Period, Net True-up	460,834	316,903	285,634	342,761	334,059	473,667	473,667
10% RULE							7.97%
Interest Provision:							
Beginning True-up Amount	390,750	460,834	316,903	285,634	342,761	334,059	
Ending True-up Amount Before Interest	458,873	315,120	284,244	341,303	332,500	471,864	
Total Beginning and Ending True-up	849,623	775,954	601,147	626,937	675,261	805,923	
Average True-up Amount	424,812	387,977	300,574	313,469	337,631	402,962	
Average Interest Rate	5.5400%	5.5150%	5.5500%	5.5800%	5.5400%	5.3700%	
Monthly Average Interest Rate	0.4617%	0.4596%	0.4625%	0.4650%	0.4617%	0.4475%	
Interest Provision	1,961	1,783	1,390	1,458	1,559	1,803	