

# FLORIDA PUBLIC UTILITIES COMPANY

ORIGINAL

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

April 15, 1998

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 October 1997 - March 1998 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 1 *Cheryl Martin*  
APP \_\_\_\_\_  
CAF \_\_\_\_\_ Cheryl Martin  
CMU \_\_\_\_\_ Manager of Corporate Accounting

CIR \_\_\_\_\_  
EAG 1 *Bob* Enclosure  
LEG 1 Welch, Kathy-FPSC  
LIN 3 Hoffman, Ken  
OPC \_\_\_\_\_ IPU  
RCH \_\_\_\_\_ Bachman, GM (no enc)  
SEC 1 Cutshaw, PM  
WAS \_\_\_\_\_ English, JJ  
OTH \_\_\_\_\_ Palacios, C  
\_\_\_\_\_ Foster, PM  
\_\_\_\_\_ Troy, DT (no enc)  
\_\_\_\_\_ SJ 80-441  
\_\_\_\_\_ Disk/FUEL 80-441 FPSC-fuel.cm

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FLORIDA PUBLIC UTILITIES COMPANY  
 CALCULATION OF PURCHASED POWER COSTS AND  
 CALCULATION OF TRUE-UP AND INTEREST PROVISION  
 OCTOBER 1997 - MARCH 1998  
 BASED ON SIX MONTHS ACTUAL

Schedule M1

MARIANNA DIVISION

	Actual	Actual	Actual	Actual	Actual	Actual	Total		
	OCTOBER 1997	NOVEMBER 1997	DECEMBER 1997	JANUARY 1998	FEBRUARY 1998	MARCH 1998			
Total System Sales - KWH	24,762,123	19,112,885	22,084,225	22,890,411	21,626,801	20,253,417	130,729,862		
Total System Purchases - KWH	22,889,240	20,936,679	24,880,812	22,911,320	20,567,070	21,473,500	133,658,621		
System Billing Demand - KW	51,473	55,029	51,426	49,159	50,163	47,735	306,985		
Purchased Power Rates									
Base Fuel Costs - \$/KWH	0.02200	0.02200	0.02200	0.02150	0.02150	0.02150			
Demand and Non-Fuel									
Demand Charge - \$/KW	6.92	6.92	6.92	6.77	6.77	6.77			
Customer Charge - \$	550.00	550.00	550.00	550.00	550.00	550.00			
Transformation Charge	31,979	31,979	31,979	31,979	31,979	31,979			
Purchased Power Costs									
Base Fuel Costs	503,563	460,607	547,378	492,593	442,192	461,680	2,908,013		
Subtotal Fuel Costs	503,563	460,607	547,378	492,593	442,192	461,680	2,908,013		
Demand and Non-Fuel Costs									
Demand Charge	356,193	360,801	369,708	332,806	339,604	323,166	2,102,278		
Customer Charge	550	550	550	550	550	550	3,300		
Transformation Charge	31,980	31,979	31,979	31,980	31,979	31,979	191,876		
Subtotal Demand & Non-Fuel Costs	388,723	413,330	402,237	365,336	372,133	355,895	2,297,454		
Total System Purchased Power Costs	892,286	873,937	949,615	857,929	814,325	817,575	5,205,467		
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Sales Revenues									
Fuel Adjustment Revenues	Rate								
Residential	RS	0.04412	481,323	357,914	467,525	509,640	462,478	412,917	2,871,797
Commercial	GS	0.04343	95,154	72,624	71,885	79,203	75,647	71,491	465,984
Commercial	GSD	0.03856	314,499	233,297	248,240	250,599	245,176	245,801	1,535,612
Industrial	GSLD	0.03720	137,350	111,918	118,083	102,030	103,013	96,265	668,664
Residential	OL,OL-2	0.02869	4,955	4,987	5,069	5,123	5,100	5,212	30,506
Other	SL-1,SL-2,SL-3	0.02864	2,760	2,758	2,755	2,751	2,752	2,751	16,527
Total Fuel Revenues		1,016,026	783,498	911,557	949,346	894,228	834,437	834,437	5,389,090
Non-Fuel Revenues		508,819	439,502	483,484	504,037	482,183	461,431	461,431	2,879,256
Total Sales Revenue		1,524,845	1,222,800	1,395,041	1,453,383	1,376,409	1,295,868	1,295,868	8,268,346
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KWH Sales									
Residential	RS	10,453,782	8,111,452	10,595,677	11,550,163	10,481,295	9,367,027	80,556,438	
Commercial	GS	2,190,305	1,672,050	1,655,038	1,823,533	1,741,646	1,645,969	10,726,541	
Commercial	GSD	8,156,506	6,050,555	6,396,228	6,499,268	6,358,827	6,374,849	39,826,030	
Industrial	GSLD	3,892,424	3,008,629	3,174,360	2,742,816	2,769,240	2,567,824	17,975,292	
Residential	OL,OL-2	172,734	173,836	176,718	178,597	179,891	181,697	1,063,473	
Other	SL-1,SL-2,SL-3	96,372	96,324	96,204	96,054	96,102	96,054	577,110	
Total KWH Sales		24,762,123	19,112,885	22,084,225	22,890,411	21,626,801	20,253,417	130,729,862	
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True-up Calculation								Period to Date	
Fuel Revenues	1,016,026	783,498	911,557	949,346	894,228	834,437	834,437	5,389,090	
True-up Provision	(11,409)	(11,409)	(11,409)	(11,409)	(11,409)	(11,407)	(11,407)	(68,452)	
Gross Receipts Tax Refund	0	0	0	0	0	0	0	0	
Fuel Revenue	1,027,435	794,907	922,966	960,755	905,635	845,644	845,644	5,457,542	
Total Purchased Power Costs	892,286	873,937	949,615	857,929	814,325	817,575	817,575	5,205,467	
True-up Provision for the Period	135,149	(79,030)	(26,649)	102,826	91,310	28,469	28,469	252,075	
Interest Provision for the Period	601	684	397	521	907	1,134	1,134	4,249	
True-up and Interest Provision	135,750	(78,346)	(26,252)	103,347	92,217	29,603	29,603	256,324	
Beginning of Period	68,452	192,793	103,038	85,377	157,315	238,123	238,123	68,452	
True-up Collected or (Refunded)	(11,409)	(11,409)	(11,409)	(11,409)	(11,409)	(11,407)	(11,407)	(68,452)	
End of Period, Net True-up	192,793	103,038	85,377	157,315	238,123	256,324	256,324	4,924	
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10% Rule								4.92%	
Interest Provision									
Beginning True-up Amount	68,452	192,793	103,038	85,377	157,315	238,123	238,123		
Ending True-up Amount Before Interest	192,793	103,038	84,960	156,794	237,218	255,185	255,185		
Total Beginning and Ending True-up	260,644	295,147	188,018	222,171	394,533	493,308	493,308		
Average True-up Amount	130,322	147,574	94,009	111,086	197,266	246,654	246,654		
Interest Rate	3.5300%	5.5650%	5.8750%	5.8250%	5.5150%	5.5600%	5.5600%		
Monthly Average Interest Rate	0.4608%	0.4638%	0.4729%	0.4688%	0.4598%	0.4617%	0.4617%		
Interest Provision	601	684	397	521	907	1,134	1,134		

FLORIDA PUBLIC UTILITIES COMPANY  
 CALCULATION OF PURCHASED POWER COSTS AND  
 CALCULATION OF TRUE-UP AND INTEREST PROVISION EXCLUDING GSLD  
 PERIOD OCTOBER 1997 - MARCH 1998  
 BASED ON SIX MONTHS ACTUAL  
 (EXCLUDES LINE LOSS, EXCLUDES TAXES)

Schedule F 1

FLORINDINA BEACH

	Actual OCTOBER 1997	Actual NOVEMBER 1997	Actual DECEMBER 1997	Actual JANUARY 1998	Actual FEBRUARY 1998	Actual MARCH 1998	Total Estimated
Total System Sales - KWH	33,273,687	23,177,987	28,303,559	31,282,836	29,095,732	28,643,540	173,777,341
CCA Purchases - KWH	289,700	163,300	200,200	157,900	102,400	170,300	1,063,800
JEA Purchases - KWH	31,572,172	22,319,001	33,726,447	29,575,448	28,532,100	30,649,068	176,374,236
System Billing Demand - KW	74,771	54,790	75,398	75,846	73,562	71,456	425,823
<b>Purchased Power Rates:</b>							
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	
<b>Demand and Non-Fuel</b>							
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	0.00455	0.00455	0.00455	
<b>Purchased Power Costs</b>							
CCA Fuel Costs	5,417	3,054	3,744	2,953	1,915	3,185	20,268
JEA Base Fuel Costs	582,507	411,766	622,253	545,667	526,417	565,475	3,254,105
JEA Fuel Adjustment	0	0	0	0	0	0	0
Subtotal Fuel Costs	587,924	414,840	625,997	548,620	528,332	568,660	3,274,373
<b>Demand and Non-Fuel Costs:</b>							
Demand Charge	448,626	328,740	452,368	455,076	441,372	428,736	2,554,938
Customer Charge	225	225	225	225	225	225	1,350
Energy Charge	285,728	201,987	305,224	134,568	129,821	138,453	1,196,781
Subtotal Demand & Non-Fuel Costs	734,579	530,951	757,837	589,869	571,418	568,411	3,753,068
<b>Total System Purchased Power Costs</b>	<b>1,322,503</b>	<b>945,791</b>	<b>1,383,834</b>	<b>1,138,489</b>	<b>1,099,750</b>	<b>1,137,074</b>	<b>7,027,441</b>
Less Direct Billing To GSLD Class							
Demand	230,312	57,040	77,010	237,228	195,287	92,579	889,456
Commodity	284,263	186,946	250,177	204,966	202,266	199,152	1,327,770
Net Purchased Power Costs	807,928	701,805	1,056,647	896,296	702,197	845,343	4,810,216
<b>Sales Revenues</b>							
Fuel Adjustment Revenues	Rate						
RS	0.04384	578,427	378,533	490,872	598,588	536,833	3,086,266
GS	0.04218	86,546	69,388	63,360	80,487	69,556	438,516
GSD	0.03912	306,629	240,811	259,559	271,461	255,513	1,607,201
DL	0.02928	1,515	1,519	1,516	1,515	1,590	9,289
SL,CSL	0.02928	2,209	2,209	2,216	2,209	2,196	13,229
Total Fuel Revenues (Excl. GSLD)		975,326	692,560	817,323	954,260	865,668	4,849,344
GSLD Fuel Revenues		514,575	243,986	327,187	442,194	397,553	2,917,331
Non-Fuel Revenues		580,662	453,603	484,581	566,892	502,554	3,115,262
Total Sales Revenue		2,070,563	1,390,149	1,629,091	1,963,346	1,765,775	10,486,989
<b>KWH Sales</b>							
RS		13,192,687	8,633,501	11,191,157	13,652,480	12,244,013	70,390,999
GS		2,051,765	1,644,989	1,502,083	1,908,126	1,648,982	10,395,968
GSD		7,838,060	6,158,163	6,634,857	8,939,062	6,531,418	41,083,289
GSLD		10,064,000	6,614,000	8,848,000	8,656,000	8,542,000	51,138,000
DL		51,735	51,894	51,778	51,728	54,300	317,257
SL,CSL		75,440	75,440	75,684	75,440	75,019	451,808
Total KWH Sales		33,273,687	23,177,987	28,303,559	31,282,836	29,095,732	173,777,341
<b>True-up Calculation (Excl. GSLD)</b>							Period to Date
Fuel Revenues		975,326	692,560	817,323	954,260	865,668	4,849,344
True-up Provision		(6,827)	(6,827)	(6,827)	(6,827)	(6,827)	(40,961)
Gross Receipts Tax Refund		0	0	0	0	0	0
Fuel Revenue		968,500	685,733	810,496	947,433	858,841	4,808,383
Net Purchased Power Costs		807,928	701,805	1,056,647	896,296	702,197	4,810,216
True-up Provision for the Period		174,225	(2,418)	(232,817)	264,791	170,318	10,827
Interest Provision for the Period		574	948	381	425	1,387	5,504
True-up and Interest Provision							
Beginning of Period		40,961	208,933	200,636	(38,305)	220,084	384,962
True-up Collected or (Refunded)		(6,827)	(6,827)	(6,827)	(6,827)	(6,827)	(40,961)
End of Period - Net True-up		208,933	200,636	(38,305)	220,084	384,962	384,962
<b>10% RULE</b>							8.12%
Interest Provision							
Beginning True-up Amount		40,961	208,933	200,636	(38,305)	220,084	384,962
Ending True-up Amount Before Interest		208,359	199,688	(38,688)	219,659	383,575	388,963
Total Beginning and Ending True-up		249,320	408,621	161,948	181,354	603,659	773,925
Average True-up Amount		124,660	204,311	80,974	90,677	301,830	386,963
Average Interest Rate		5.5300%	5.5650%	5.6750%	5.8250%	5.5150%	5.5400%
Monthly Average Interest Rate		0.4608%	0.4638%	0.4729%	0.4688%	0.4596%	0.4617%
Interest Provision		574	948	381	425	1,387	5,504