

ORIGINAL  
FILE COPY

# FLORIDA PUBLIC UTILITIES COMPANY

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

October 14, 1996

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

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 the following for the April 1996 - September 1996 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.

Sincerely,

Cheryl Martin  
Corporate Accounting Manager

ACK \_\_\_\_\_  
 AFA 1  
 APP \_\_\_\_\_  
 CAF \_\_\_\_\_ Enclosures  
 CMU \_\_\_\_\_ cc:  
 CTR \_\_\_\_\_  
 (EAG) Bass  
 LEG 1  
 LIN 3  
 OFC \_\_\_\_\_  
 RCH \_\_\_\_\_  
 SEC 1  
 WAS \_\_\_\_\_  
 OTH \_\_\_\_\_

cc: Mr G M Bachman  
 Mr F C Cressman  
 Mr P M Cutshaw  
 Mr J T English  
 Mr P Foster  
 Mr William Willingham  
 Ms Kathy Welch (FPSC Miami)  
 SJ 80-441(Apr 96-Sep 96)  
 CAWPWINRECAP.WPD MDN  
 RECEIVED & FILED

EPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

11095 OCT 17 96

FPSC-RECORDS/REPORTING

# FLORIDA PUBLIC UTILITIES COMPANY

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

**APRIL 1996 through SEPTEMBER 1996**

BASED ON SIX MONTHS ACTUAL

(INCLUDES LINE LOSS, EXCLUDES TAXES)

Schedule M1

## MARIANNA DIVISION

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL		
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL	
	1996	1996	1996	1996	1996	1996		
Total System Sales - KWH	18,237,654	19,821,358	25,427,098	27,628,105	27,511,732	28,166,207	146,792,154	
Total System Purchases - KWH	20,475,400	25,744,800	25,400,600	32,435,800	28,563,000	28,538,400	159,156,600	
System Billing Demand - KW	53,575	62,217	65,958	65,628	82,108	61,325	370,811	
Purchased Power Rates:								
Base Fuel Costs - \$/KWH	0.02900	0.02900	0.02900	0.02900	0.02900	0.02900		
Fuel Adjustment - \$/KWH	(0.009210)	(0.009511)	(0.006803)	(0.010467)	(0.007755)	(0.011205)		
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	593,787	746,599	736,617	940,638	828,327	769,614	4,615,582	
Fuel Adjustment	(188,576)	(244,869)	(172,312)	(339,507)	(221,509)	(297,368)	(1,464,639)	
Subtotal Fuel Costs	405,211	501,730	563,805	601,131	606,818	472,246	3,150,943	
Demand and Non-Fuel Costs:								
Demand Charge	348,237	404,411	428,726	426,582	403,702	398,612	2,410,270	
Customer Charge	550	550	550	550	550	550	3,300	
Energy Charge	141,076	177,381	175,011	223,483	196,799	182,850	1,096,600	
Subtotal Demand & Non-Fuel Costs	489,863	582,342	604,287	650,615	601,051	582,012	3,510,170	
Total System Purchased Power Costs	895,074	1,084,072	1,168,092	1,251,746	1,207,869	1,054,260	6,661,113	
Sales Revenues								
Fuel Adjustment Revenues:	Rate							
Residential RS	0.05118	396,920	412,344	569,528	652,783	638,324	624,952	3,294,849
Commercial GS	0.04770	69,650	75,622	99,179	110,362	110,398	115,546	580,757
Commercial GSD	0.04276	242,875	271,631	335,743	343,137	350,320	376,991	1,920,697
Industrial GSLD	0.04239	131,740	151,826	174,757	181,619	181,634	189,397	1,010,973
Residential OL,OL-2	0.03022	4,180	4,520	4,534	4,675	4,632	4,666	27,207
Other SL-1,SL-2,SL-3	0.02941	2,827	2,826	2,827	2,826	2,792	2,789	16,687
Total Fuel Revenues		848,192	918,769	1,186,566	1,295,402	1,288,100	1,314,341	6,851,370
Non-Fuel Revenues		390,153	404,404	471,531	500,603	498,973	504,559	2,770,223
Total Sales Revenue		1,238,345	1,323,173	1,658,097	1,796,005	1,787,073	1,818,900	9,621,593
KWH Sales/Rate:								
Residential RS		7,755,276	8,056,248	11,127,336	12,754,447	12,471,548	12,210,234	64,375,089
Commercial GS		1,460,167	1,585,373	2,079,231	2,313,665	2,314,423	2,422,343	12,175,202
Commercial GSD		5,679,957	6,352,447	7,851,795	8,024,729	8,192,710	8,816,450	44,918,088
Industrial GSLD		3,107,820	3,581,840	4,122,600	4,284,480	4,284,840	4,467,960	23,849,340
Residential OL,OL-2		138,321	149,587	150,029	154,707	153,281	154,387	900,292
Other SL-1,SL-2,SL-3		96,113	95,083	96,107	96,077	94,930	94,833	574,143
Total KWH Sales		18,237,654	19,821,358	25,427,098	27,628,105	27,511,732	28,166,207	146,792,154
True-up Calculation:								Period to Date
Fuel Revenues		848,192	918,769	1,186,566	1,295,402	1,288,100	1,314,341	6,851,370
True-up Provision		29,014	29,014	29,014	29,014	29,014	29,012	174,082
Gross Receipts Tax Refund		0	0	0	0	0	0	0
Fuel Revenue		619,178	889,755	1,157,552	1,266,388	1,259,086	1,285,329	6,677,288
Total Purchased Power Costs		695,074	1,084,072	1,168,092	1,251,746	1,207,869	1,054,260	6,661,113
True-up Provision for the Period		(75,896)	(194,317)	(10,540)	14,642	51,217	231,069	16,175
Interest Provision for the Period		(897)	(1,370)	(1,726)	(1,600)	(1,308)	(545)	(7,446)
True-up and Interest Provision								
Beginning of Period		(174,082)	(221,861)	(388,534)	(371,786)	(329,730)	(250,807)	(174,082)
True-up Collected or (Refunded)		29,014	29,014	29,014	29,014	29,014	29,012	174,082
End of Period, Net True-up		(221,861)	(388,534)	(371,786)	(329,730)	(250,807)	8,729	8,729
Interest Provision:								
Beginning True-up Amount		(174,082)	(221,861)	(388,534)	(371,786)	(329,730)	(250,807)	
Ending True-up Amount Before Interest		(220,964)	(387,164)	(370,060)	(328,130)	(249,499)	9,274	
Total Beginning and Ending True-up		(395,046)	(609,025)	(758,594)	(699,916)	(579,229)	(241,533)	
Average True-up Amount		(197,523)	(304,513)	(379,297)	(349,958)	(289,615)	(120,767)	
Interest Rate - Avg.		5.4500%	5.4000%	5.4600%	5.4850%	5.4200%	5.4150%	
Monthly Average Interest Rate		0.4542%	0.4500%	0.4550%	0.4571%	0.4517%	0.4513%	
Interest Provision		(897)	(1,370)	(1,726)	(1,600)	(1,308)	(545)	

# FLORIDA PUBLIC UTILITIES COMPANY

CALCULATION OF PURCHASED POWER COSTS AND  
CALCULATION OF TRUE-UP AND INTEREST PROVISION  
**APRIL 1996 through SEPTEMBER 1996**  
BASED ON SIX MONTHS ACTUAL  
(EXCLUDES LINE LOSS, EXCLUDES TAXES)

ORIGINAL  
FILE COPY

Schedule F1

## FERNANDINA BEACH DIVISION

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	TOTAL
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	
	1996	1996	1996	1996	1996	1996	
Total System Sales - KWH	27,218,755	25,874,557	29,979,644	33,140,137	32,619,402	34,406,113	183,236,608
CCA Purchases - KWH	190,800	317,900	50,500	175,400	139,100	108,200	981,900
JEA Purchases - KWH	28,819,112	30,447,793	30,462,801	37,948,198	32,644,914	34,381,000	194,703,818
System Billing Demand - KW	63,706	67,245	61,625	73,786	77,235	79,228	442,823
<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	
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	0.01205	0.01205	0.01205	
<b>Purchased Power Costs:</b>							
CCA Fuel Costs	3,568	5,945	944	3,280	2,601	2,023	18,301
JEA Base Fuel Costs	531,713	561,762	562,039	700,144	602,299	634,329	3,592,286
JEA Fuel Adjustment	0	0	0	0	0	0	0
Subtotal Fuel Costs	535,281	567,707	562,983	703,424	604,900	636,352	3,610,647
<b>Demand and Non-Fuel Costs:</b>							
Demand Charge	382,236	403,470	489,750	442,716	463,410	475,356	2,656,938
Customer Charge	225	225	225	225	225	225	1,350
Energy Charge	347,270	366,896	367,077	457,276	393,371	414,291	2,346,181
Subtotal Demand & Non-Fuel Costs	729,731	770,591	857,052	900,217	857,006	889,872	5,004,469
<b>Total System Purchased Power Costs</b>	<b>1,265,012</b>	<b>1,338,298</b>	<b>1,420,035</b>	<b>1,603,641</b>	<b>1,461,905</b>	<b>1,526,224</b>	<b>6,615,116</b>
Less Direct Billing To GSLD Class:							
Demand	179,811	90,858	148,995	119,594	140,849	225,528	905,433
Commodity	335,398	250,873	237,168	219,557	222,638	282,968	1,548,602
<b>Net Purchased Power Costs</b>	<b>749,803</b>	<b>996,769</b>	<b>1,033,872</b>	<b>1,264,490</b>	<b>1,098,419</b>	<b>1,017,728</b>	<b>6,161,081</b>
<b>Sales Revenues</b>							
Fuel Adjustment Revenues:      Rate							
RS	0.04682	425,274	448,848	601,416	736,043	720,452	3,637,561
GS	0.04794	67,145	69,596	88,457	99,461	103,291	527,066
GSD	0.04025	236,152	267,781	303,654	327,536	313,275	1,772,407
OL	0.03772	1,789	1,770	1,805	1,790	1,796	10,823
SL,CSL	0.03772	2,957	2,709	2,975	2,973	2,683	17,180
<b>Total Fuel Revenues (Excl. GSLD)</b>		<b>733,317</b>	<b>790,704</b>	<b>998,307</b>	<b>1,167,803</b>	<b>1,141,477</b>	<b>5,965,037</b>
GSLD Fuel Revenues		515,209	341,529	386,163	339,151	363,487	508,498
Non-Fuel Revenues		457,817	448,884	514,425	571,926	562,709	581,298
<b>Total Sales Revenue</b>	<b>1,706,143</b>	<b>1,581,117</b>	<b>1,898,895</b>	<b>2,078,880</b>	<b>2,067,873</b>	<b>2,223,223</b>	<b>11,555,931</b>
<b>KWH Sales:</b>							
RS	9,118,013	9,626,050	12,800,886	15,788,534	15,453,814	15,133,055	78,019,352
GS	1,409,431	1,460,870	1,856,788	2,067,782	2,168,157	2,080,514	11,063,522
GSD	5,865,506	6,852,941	7,544,208	8,137,547	7,783,221	8,049,923	44,033,344
GSLD	10,700,000	8,015,940	7,552,060	7,000,000	7,096,000	9,016,000	49,380,000
OL	47,424	48,925	47,846	47,466	47,622	49,647	286,930
SL,CSL	78,381	71,831	78,858	78,828	70,588	76,974	455,460
<b>Total KWH Sales</b>	<b>27,218,755</b>	<b>25,874,557</b>	<b>29,979,644</b>	<b>33,140,137</b>	<b>32,619,402</b>	<b>34,406,113</b>	<b>183,236,608</b>
<b>True-up Calculation (Excl. GSLD):</b>							<b>Period to Date</b>
Fuel Revenues	733,317	790,704	998,307	1,167,803	1,141,477	1,133,429	5,965,037
True-up Provision	17,145	17,145	17,145	17,145	17,145	17,147	102,872
Gross Receipts Tax Refund	0	0	0	0	0	0	0
Fuel Revenue	716,172	777,559	981,162	1,150,858	1,124,332	1,116,282	5,862,165
Net Purchased Power Costs	749,803	996,769	1,033,872	1,264,490	1,098,419	1,017,728	6,161,081
True-up Provision for the Period	(33,631)	(223,210)	(52,710)	(113,832)	25,913	98,554	(298,916)
Interest Provision for the Period	(505)	(1,003)	(1,568)	(1,885)	(1,992)	(1,641)	(8,594)
True-up and Interest Provision							
Beginning of Period	(102,872)	(119,863)	(326,931)	(364,064)	(462,638)	(421,570)	(102,872)
True-up Collected or (Refunded)	17,145	17,145	17,145	17,145	17,145	17,147	102,872
End of Period, Net True-up	(119,663)	(326,931)	(364,064)	(462,638)	(421,570)	(307,510)	(307,510)
<b>Interest Provision:</b>							
Beginning True-up Amount	(102,872)	(119,863)	(326,931)	(364,064)	(462,638)	(421,570)	
Ending True-up Amount Before Interest	(119,358)	(325,928)	(362,496)	(460,751)	(419,578)	(305,869)	
Total Beginning and Ending True-up	(222,230)	(445,791)	(689,427)	(824,815)	(882,216)	(727,439)	
Average True-up Amount	(111,115)	(222,896)	(344,714)	(412,408)	(441,107)	(363,720)	
Interest Rate - Avg.	5.4500%	5.4000%	5.4600%	5.4850%	5.4300%	5.4150%	
Monthly Average Interest Rate	0.4542%	0.4500%	0.4550%	0.4571%	0.4517%	0.4513%	
Interest Provision	(505)	(1,003)	(1,568)	(1,885)	(1,992)	(1,641)	