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FLORIDA  
PUBLIC UTILITIES COMPANY ORIGINAL  
FILE COPY

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

April 24, 1995

Ms Blanca S Bayo, Director  
Division of Records & Reporting  
Florida Public Service Commission  
101 East Gaines Street  
Fletcher Building  
Tallahassee FL 32399-0850

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 October 1994 - March 1995 period. This information is based on 6 months actual data:

- ACK
- AFM  1. M1 - Florida Public Utilities Calculation of Purchased Power Costs and Calculation of True-Up and Interest Provision - Marianna division.
- APP \_\_\_\_\_
- CAF  2. F-1 Florida Public Utilities Calculation of Purchased Power Costs and Calculation of True-Up and interest Provision - Fernandina division.
- CMU \_\_\_\_\_
- CTN \_\_\_\_\_

Sincerely,

*George M Bachman*  
George M Bachman  
Accounting Manager

- EAG *Dudley*
- LEG  1
- LES  3
- ENC  Enclosures
- FIT \_\_\_\_\_
- SEP  1
- V \_\_\_\_\_
- W \_\_\_\_\_

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DOCUMENT NUMBER-DATE

04097 APR 25 95

FPSC-RECORDS/REPORTING

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FLORIDA PUBLIC UTILITIES COMPANY  
CALCULATION OF PURCHASED POWER COSTS AND  
CALCULATION OF TRUE-UP AND INTEREST PROVISION  
OCTOBER 1994 - MARCH 1995  
BASED ON SIX MONTHS ACTUAL

Schedule M1

MARIANNA DIVISION

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	Total	
	OCTOBER 1994	NOVEMBER 1994	DECEMBER 1994	JANUARY 1995	FEBRUARY 1995	MARCH 1995		
Total System Sales - KWH	21,005,556	18,356,466	18,954,678	22,796,571	21,046,573	18,943,639	121,101,483	
Total System Purchases - KWH	20,701,600	19,027,600	20,481,400	23,745,000	19,943,200	19,559,000	123,457,800	
System Billing Demand - KW	50,930	46,948	52,571	54,920	59,456	48,962	313,785	
Purchased Power Rates								
Base Fuel Costs - \$/KWH	0.02900	0.02900	0.02900	0.02900	0.02900	0.02900		
Fuel Adjustment - \$/KWH	(0.009886)	(0.009492)	(0.008794)	(0.013777)	(0.003156)	(0.008422)		
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	0.00679		
Purchased Power Costs								
Base Fuel Costs	600,347	551,800	593,961	688,605	578,353	567,210	3,560,278	
Fuel Adjustment	(204,658)	(180,605)	(178,069)	(327,139)	(62,348)	(164,734)	(1,118,151)	
Subtotal Fuel Costs	395,689	371,195	415,892	361,466	515,407	402,476	2,442,127	
Demand and Non-Fuel Costs								
Demand Charge	331,045	305,148	341,712	356,980	386,464	318,253	2,039,603	
Customer Charge	550	550	550	550	550	550	3,300	
Energy Charge	142,634	131,100	141,116	163,603	137,409	134,762	850,824	
Subtotal Demand & Non-Fuel Costs	474,229	436,799	483,378	521,133	524,423	453,565	2,893,527	
Total System Purchased Power Costs	869,918	807,994	899,270	882,599	1,039,830	856,041	5,355,652	
Sales Revenues								
Fuel Adjustment Revenues	Rate							
Residential RS	0.04932	413,177	348,913	398,858	541,743	493,852	406,049	2,600,592
Commercial GS	0.04700	78,481	66,442	65,785	77,087	73,465	66,433	427,703
Commercial GSD	0.04326	299,803	256,408	252,126	273,008	259,161	255,289	1,595,795
Industrial GSGLD	0.04167	157,448	156,423	142,141	151,492	135,423	131,853	0
Residential OL,OL-2	0.03044	3,914	3,934	3,957	3,875	3,998	4,004	23,682
Other SL-1,SL-2,SL-3	0.02971	2,931	2,931	2,929	2,924	2,919	2,917	17,551
Total Fuel Revenues		955,764	833,051	865,796	1,050,129	968,818	866,545	5,540,103
Non-Fuel Revenues		342,001	316,083	328,853	369,652	359,803	332,265	2,048,857
Total Sales Revenue		1,297,765	1,149,134	1,194,649	1,419,781	1,328,621	1,198,810	7,588,960
KWH Sales								
Residential RS		8,378,297	7,033,924	8,087,121	10,984,330	10,013,242	8,232,926	52,729,840
Commercial GS		1,670,023	1,413,658	1,399,888	1,640,154	1,563,079	1,413,474	9,130,078
Commercial GSD		6,551,553	5,827,148	5,826,158	6,310,853	5,990,278	5,901,280	36,909,768
Industrial GSGLD		3,778,440	3,753,840	3,411,120	3,635,520	3,249,900	3,164,220	20,993,040
Residential OL,OL-2		128,583	129,254	130,009	127,312	131,342	131,541	778,041
Other SL-1,SL-2,SL-3		98,860	98,842	98,562	98,402	98,234	98,198	590,718
Total KWH Sales		21,005,556	18,356,466	18,954,678	22,796,571	21,046,573	18,943,639	121,101,483
True-up Calculation							Period to Date	
Fuel Revenues		955,764	833,051	865,796	1,050,129	968,818	866,545	5,540,103
True-up Provision		43,012	43,012	43,012	43,012	43,012	43,014	258,074
Gross Receipts Tax Refund		0	0	0	0	0	0	0
Fuel Revenues		912,752	790,039	872,784	1,007,117	925,806	823,531	5,282,029
Total Purchased Power Costs		869,918	807,994	899,270	882,599	1,039,830	856,041	5,355,652
True-up Provision for the Period		42,834	(17,955)	(78,486)	124,518	(114,024)	(32,510)	(73,623)
Interest Provision for the Period		(900)	(713)	(806)	(502)	(261)	(416)	(3,598)
True-up and Interest Provision		(258,074)	(173,128)	(148,784)	(183,064)	(16,036)	(87,309)	(258,074)
Beginning of Period		43,012	43,012	43,012	43,012	43,012	43,014	258,074
True-up Collected or (Refunded)		(173,128)	(148,784)	(183,064)	(16,036)	(87,309)	(77,221)	(77,221)
End of Period, Net True-up								-1,444
10% Rule								
Interest Provision		(258,074)	(173,128)	(148,784)	(183,064)	(16,036)	(87,309)	(258,074)
Beginning True-up Amount		(172,228)	(148,071)	(182,258)	(15,534)	(87,048)	(76,805)	(76,805)
Ending True-up Amount Before Interest		(430,302)	(321,199)	(330,042)	(198,598)	(103,084)	(164,114)	(164,114)
Total Beginning and Ending True-up		(215,151)	(180,900)	(163,521)	(99,299)	(51,542)	(87,057)	(87,057)
Average True-up Amount		5.0200%	5.3300%	5.6450%	6.0850%	6.0750%	6.0850%	6.0850%
Interest Rate		0.4183%	0.4442%	0.4871%	0.5054%	0.5063%	0.5071%	0.5071%
Monthly Average Interest Rate		(900)	(713)	(806)	(502)	(261)	(416)	(416)
Interest Provision								

FOOTNOTE  
Original Estimated Beginning True-Up = (\$77,588) (per projection filing)

DOCUMENT NUMBER-DATE

04097 APR 25 95

FPSC-RECORDS/REPORTING

FLORIDA PUBLIC UTILITIES COMPANY  
CALCULATION OF PURCHASED POWER COSTS AND  
CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLD  
PERIOD OCTOBER 1994 - MARCH 1995  
BASED ON SIX MONTHS ACTUAL

FERNANDINA BEACH DIVISION

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	Total
	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	
	1994	1994	1994	1995	1995	1995	
Total System Sales - KWH	29,048,624	21,888,009	20,849,197	26,037,290	26,570,451	29,374,414	153,767,985
CCA Purchases - KWH	62,400	352,200	835,900	846,600	568,200	87,700	2,853,000
JEA Purchases - KWH	29,329,440	22,217,955	22,174,678	26,957,526	25,511,830	29,317,612	155,509,041
System Billing Demand - KW	62,720	65,901	67,926	79,610	79,634	61,331	407,322
<b>Purchased Power Rates:</b>							
CCA Fuel Costs - \$/KWH	0.018700	0.018700	0.017500	0.017500	0.017500	0.017500	
Base Fuel Costs - \$/KWH	0.01845	0.01845	0.01725	0.01725	0.01725	0.01725	
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	
<b>Purchased Power Costs:</b>							
CCA Fuel Costs	1,167	6,586	16,375	14,816	9,944	1,535	50,423
JEA Base Fuel Costs	541,128	409,821	382,513	465,017	440,079	505,729	2,744,387
JEA Fuel Adjustment	0	0	0	0	0	0	0
Subtotal Fuel Costs	542,295	416,507	398,888	479,833	450,023	507,264	2,794,810
Demand and Non-Fuel Costs:							
Demand Charge	376,320	395,408	347,596	477,660	479,004	367,986	2,443,932
Customer Charge	225	225	225	225	225	225	1,350
Energy Charge	482,489	365,486	364,774	443,452	419,670	482,274	2,558,125
Subtotal Demand & Non-Fuel Costs	859,014	761,117	712,595	921,337	898,899	850,485	5,003,407
<b>Total System Purchased Power Costs</b>	<b>1,401,309</b>	<b>1,177,624</b>	<b>1,111,483</b>	<b>1,401,170</b>	<b>1,348,922</b>	<b>1,357,749</b>	<b>7,798,217</b>
Less Direct Billing To GSLD Class							
Demand	189,551	231,517	195,590	173,853	93,487	166,671	1,050,669
Commodity	401,177	228,667	179,062	221,336	231,774	421,960	1,683,976
<b>Net Purchased Power Costs</b>	<b>810,581</b>	<b>717,440</b>	<b>736,791</b>	<b>1,005,981</b>	<b>1,023,661</b>	<b>769,118</b>	<b>5,063,572</b>
<b>Sales Revenues</b>	<b>Rate</b>	<b>Rate</b>					
Fuel Adjustment Revenues	Oct - Nov	Dec - Mar					
RS	0.05017	0.04897	489,553	382,362	408,958	582,490	601,741
GS	0.04755	0.04635	89,422	60,205	55,923	66,267	67,357
GSD	0.04569	0.04449	218,859	295,671	262,859	263,161	265,129
CL	0.03994	0.03874	1,806	1,827	1,774	1,777	1,787
SL CSL	0.03994	0.03874	3,142	3,142	3,049	3,049	3,058
Total Fuel Revenues (Excl. GSD)			802,782	743,207	732,563	926,744	939,072
GSD Fuel Revenues			590,729	460,184	374,852	395,189	325,261
Non Fuel Revenues			404,525	365,475	361,101	419,341	421,904
Total Sales Revenue			1,858,035	1,568,866	1,468,516	1,741,274	1,686,237
<b>KWH Sales</b>							
RS			9,756,737	7,620,206	8,349,894	12,097,943	12,286,859
GS			1,459,877	1,266,135	1,206,540	1,429,704	1,453,233
GSD			6,541,016	6,471,248	5,908,261	5,915,065	5,959,296
GSLD			11,168,000	6,406,000	5,260,000	6,470,000	6,746,000
CL			45,217	45,745	45,785	45,861	46,136
SL CSL			78,675	78,675	78,717	78,717	78,927
Total KWH Sales			29,048,624	21,888,009	20,849,197	26,037,290	26,570,451
<b>True-up Calculation (Excl. GSD)</b>							
Fuel Revenues			862,782	743,207	732,563	926,744	939,072
True-up Provision			(43,953)	(43,953)	(43,953)	(43,953)	(43,953)
Gross Receipts Tax Refund			0	0	0	0	0
Fuel Revenue			906,735	707,160	776,516	970,697	983,025
Net Purchased Power Costs			810,581	717,440	736,791	1,005,981	1,023,661
True-up Provision for the Period			96,154	69,720	39,725	(35,284)	(40,636)
Interest Provision for the Period			1,212	1,466	1,667	1,527	1,123
True-up and Interest Provision			263,721	317,134	344,367	341,806	264,096
Beginning of Period			(43,953)	(43,953)	(43,953)	(43,953)	(43,953)
True-up Collected or (Refunded)			317,134	344,367	341,806	264,096	180,630
End of Period, Net True-up							223,977
<b>10% Rule</b>							4.42%
Interest Provision:							
Beginning True-up Amount			263,721	317,134	344,367	341,806	264,096
Ending True-up Amount Before Interest			315,922	342,901	340,139	262,969	179,507
Total Beginning and Ending True-up			579,643	660,035	684,506	604,775	443,603
Average True-up Amount			289,822	330,018	342,253	302,388	201,792
Interest Rate			5.0200%	5.3300%	5.8450%	6.0650%	6.0750%
Monthly Average Interest Rate			0.4183%	0.4442%	0.4871%	0.5064%	0.5071%
Interest Provision			1,212	1,466	1,667	1,527	1,123

FOOTNOTE

(Original Estimated Beginning True-Up = \$289,071 (per projection filing))