

FLORIDA PUBLIC UTILITIES COMPANY

ADDRESS REPLY TO COMPANY AT

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

May 4, 1994

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

**RE: DOCKET NO 940001-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:

1. M1 - Florida Public Utilities Calculation of Purchased Power Costs and Calculation of True-Up and Interest Provision Period: October 1993 - March 1994. Based on 6 months actual.
2. F1 - Florida Public Utilities Calculation of Purchased Power Costs and Calculation of True-Up and Interest Provision - Excluding GSLD Period: October 1993 - March 1994. Based on 6 months actual.

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 Enclosures
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 cc: 4 Ms Kathy Welch (FPSC Miami)
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 FPSC DIVISION OF RECORDS

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Sincerely,

George M. Bachman
 George M Bachman
 Accounting Manager

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 1993 - MARCH 1994
BASED ON SIX MONTHS ACTUAL

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL		
	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	Total	
	1993	1993	1993	1994	1994	1994		
Total System Sales - KWH	21,282,451	18,870,901	20,829,034	24,012,862	20,626,422	18,208,858	123,830,528	
Total System Purchases - KWH	19,558,000	21,121,200	22,000,000	25,175,400	19,138,200	18,787,800	125,780,600	
System Billing Demand - KW	49,499	49,067	48,732	59,527	53,885	48,732	309,442	
Purchased Power Rates:								
Base Fuel Costs - \$/KWH	0.02900	0.02900	0.02900	0.02900	0.02900	0.02900		
Fuel Adjustment - \$/KWH	(0.009895)	(0.011080)	(0.007315)	(0.007045)	(0.009092)	(0.006976)		
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	0.00680	0.00689	0.00689	0.00659	0.00689	0.00689		
Purchased Power Costs:								
Base Fuel Costs	567,182	612,515	638,000	730,088	555,007	544,846	3,647,636	
Fuel Adjustment	(116,464)	(234,015)	(161,378)	(177,372)	(173,988)	(131,070)	(994,295)	
Subtotal Fuel Costs	450,718	378,500	476,622	552,714	381,008	413,776	2,653,337	
Demand and Non-Fuel Costs:								
Demand Charge	321,743	318,938	316,758	386,925	350,253	316,758	2,011,373	
Customer Charge	550	550	550	550	550	550	3,300	
Energy Charge	134,755	145,525	151,586	173,459	131,882	129,448	868,629	
Subtotal Demand & Non-Fuel Costs	457,048	465,011	468,894	560,934	482,685	446,756	2,881,302	
Total System Purchased Power Costs	907,766	843,511	945,509	1,113,648	863,673	860,532	5,534,638	
Sales Revenues								
Fuel Adjustment Revenues:	Rate							
Residential RS	0.04870	426,745	363,841	459,110	595,966	474,276	381,363	2,701,303
Commercial GS	0.04539	78,578	66,102	73,245	80,882	70,444	63,110	432,359
Commercial GSD	0.04123	435,276	400,523	394,052	402,480	293,132	730,195	2,155,658
Industrial GSLD	0.04123	0	0	0	0	82,798	130,896	213,694
Residential OL,OL-2	0.02852	3,676	3,645	3,650	3,635	3,663	3,675	21,944
Other SL-1,SL-2,SL-3	0.02783	2,849	2,791	2,814	2,859	2,454	2,776	18,543
Total Fuel Revenues		147,122	636,902	932,871	1,015,822	926,769	812,015	5,541,501
Non-Fuel Revenues		321,445	311,886	342,533	332,543	305,876	334,796	2,159,079
Total Sales Revenue		1,268,567	1,148,788	1,275,404	1,468,365	1,292,645	1,146,811	7,600,580
KWH Sales:								
Residential RS		8,762,769	7,472,136	9,428,858	12,238,915	9,739,985	7,831,693	55,474,555
Commercial GS		1,731,130	1,458,315	1,613,662	1,781,925	1,551,901	1,290,393	9,525,406
Commercial GSD		10,557,267	9,714,363	9,557,409	9,761,824	7,109,869	5,583,190	52,283,723
Industrial GSLD		0	0	0	0	2,001,200	3,174,780	5,182,980
Residential OL,OL-2		126,905	127,792	127,971	127,456	128,427	128,846	769,397
Other SL-1,SL-2,SL-3		102,380	100,293	101,115	102,742	88,180	99,756	594,466
Total KWH Sales		21,282,451	18,870,901	20,829,034	24,012,862	20,626,422	18,208,858	123,830,528
True-up Calculation:								Period
Fuel Revenues		947,122	836,902	932,871	1,005,822	926,769	812,015	5,541,501
True-up Provision		5,661	5,661	5,661	5,661	5,661	5,660	33,965
Gross Receipts Tax Refund		0	0	0	0	0	0	0
Fuel Revenue		941,461	831,241	927,210	1,000,161	921,108	806,355	5,507,536
Total Purchased Power Costs		907,766	843,511	945,509	1,113,648	863,673	860,532	5,534,638
True-up Provision for the Period		33,695	(12,270)	(10,299)	(33,487)	57,435	(54,177)	(27,103)
Interest Provision for the Period		(38)	5	(20)	(75)	(28)	(9)	(165)
True-up and Interest Provision		(33,965)	5,335	(1,251)	(13,909)	(41,810)	21,258	(33,965)
Beginning of Period								
True-up Collected or (Refunded)		5,661	5,661	5,661	5,661	5,661	5,660	33,965
End of Period, Net True-up		5,353	(1,251)	(13,909)	(41,810)	21,258	(27,268)	(27,268)
Interest Provision:								
Beginning True-up Amount		(33,965)	5,353	(1,251)	(13,909)	(41,810)	21,258	
Ending True-up Amount Before Interest		5,391	(1,284)	(13,019)	(41,735)	21,280	(27,259)	
Total Beginning and Ending True-up		(28,574)	4,069	(15,140)	(55,644)	(20,524)	(6,001)	
Average True-up Amount		(14,287)	2,034	(7,570)	(27,822)	(10,262)	(3,001)	
Interest Rate		3.1650%	3.1450%	3.2450%	3.2200%	3.3100%	3.6050%	
Monthly Average Interest Rate		0.2638%	0.2621%	0.2704%	0.2683%	0.2758%	0.3004%	
Interest Provision		(38)	5	(20)	(75)	(28)	(9)	

FLORIDA PUBLIC UTILITIES COMPANY
 CALCULATION OF PURCHASED POWER COSTS AND
 CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLD
 PERIOD OCTOBER 1993 - MARCH 1994
 BASED ON SIX MONTHS ACTUAL

	ACTUAL OCTOBER 1993	ACTUAL NOVEMBER 1993	ACTUAL DECEMBER 1993	ACTUAL JANUARY 1994	ACTUAL FEBRUARY 1994	ACTUAL MARCH 1994	Total Estimated
Total System Sales - KWH	25,552,980	25,619,204	23,601,455	26,800,096	22,939,441	18,750,865	143,264,041
CCA Purchases - KWH	317,100	412,100	458,000	489,800	517,800	839,100	3,033,900
JEA Purchases - KWH	23,293,162	27,269,060	25,311,012	27,431,996	20,318,540	19,232,924	142,856,694
System Billing Demand - KW	61,615	62,494	61,695	65,747	69,628	63,227	384,406
Purchased Power Rates:							
CCA Fuel Costs - \$/KWH	0.039100	0.039100	0.039100	0.039100	0.039100	0.039100	
Base Fuel Costs - \$/KWH	0.03205	0.03205	0.03205	0.03205	0.03205	0.03205	
Fuel Adjustment - \$/KWH	0.00650	0.00650	0.00650	0.00650	0.00650	0.00650	
Demand and Non-Fuel:							
Demand Charge - \$/KW	5.50	5.50	5.50	5.50	5.50	5.50	
Customer Charge - \$	225.00	225.00	225.00	225.00	225.00	225.00	
Energy Charge (Excl. Fuel) \$/KWH	0.00125	0.00125	0.00125	0.00125	0.00125	0.00125	
Purchased Power Costs:							
CCA Fuel Costs	12,399	16,113	17,908	19,151	20,246	32,809	118,626
JEA Base Fuel Costs	746,545	873,973	811,218	879,195	651,209	616,415	4,878,555
JEA Fuel Adjustment	151,406	177,249	164,522	178,308	132,071	125,014	928,570
Subtotal Fuel Costs	910,350	1,067,335	993,648	1,076,654	803,526	774,238	5,625,751
Demand and Non-Fuel Costs:							
Demand Charge	338,883	343,717	339,323	361,009	382,954	347,749	2,114,235
Customer Charge	225	225	225	225	225	225	1,350
Energy Charge	29,116	34,087	31,639	34,290	25,398	24,041	174,571
Subtotal Demand & Non-Fuel Costs	368,224	378,029	371,187	366,124	408,577	372,015	2,290,156
Total System Purchased Power Costs	1,278,574	1,445,364	1,364,835	1,472,778	1,212,103	1,146,253	7,917,907
Less Direct Billing To GSLD Class:							
Demand	158,114	175,942	106,964	89,104	79,510	214,258	822,892
Commodity	297,099	429,268	261,110	210,035	185,933	147,249	1,529,694
Net Purchased Power Costs	823,361	841,154	996,761	1,174,639	946,660	784,746	5,567,321
Sales Revenues							
Fuel Adjustment Revenues:							
	Rate						
RS	0.05642	563,160	444,928	551,139	785,030	628,565	3,450,876
GS	0.05402	78,698	62,287	66,077	81,923	69,462	415,793
GSD	0.05231	352,753	314,343	319,992	320,296	306,133	1,901,178
OL	0.04703	2,138	2,122	2,099	2,106	2,117	12,698
SL,CSL	0.04703	3,664	3,668	3,674	3,674	3,674	22,028
Total Fuel Revenues (Excl. GSLD)		1,000,413	827,348	942,981	1,193,029	1,009,951	5,802,573
GSLD Fuel Revenues		451,213	594,210	308,074	258,139	265,443	2,352,586
Non-Fuel Revenues		394,035	363,855	377,677	437,087	399,301	2,339,482
Total Sales Revenue		1,849,661	1,795,413	1,668,732	1,928,255	1,674,695	10,494,641
KWH Sales:							
RS		9,981,268	7,805,844	9,768,300	13,813,639	11,142,158	51,164,227
GS		1,458,837	1,153,027	1,223,187	1,516,531	1,285,851	7,896,998
GSD		6,743,505	6,009,225	6,117,224	6,123,038	5,852,292	36,344,444
GSLD		7,248,000	10,448,000	6,370,000	5,124,000	4,536,000	37,320,000
OL		45,467	45,121	44,831	44,775	45,021	270,018
SL,CSL		77,903	77,987	78,113	78,113	78,119	468,354
Total KWH Sales		25,552,980	25,619,204	23,601,455	26,800,096	22,939,441	143,264,041
True-up Calculation (Excl. GSLD):							
Fuel Revenues		1,000,413	827,348	942,981	1,193,029	1,009,951	5,802,573
True-up Provision		(15,664)	(15,664)	(15,664)	(15,664)	(15,664)	(93,982)
Gross Receipts Tax Refund		0	0	0	0	0	0
Fuel Revenue		1,016,077	843,012	958,645	1,208,693	1,025,615	5,896,555
Net Purchased Power Costs		823,361	841,154	996,761	1,174,639	946,660	5,567,321
True-up Provision for the Period		192,716	1,858	(38,116)	34,054	78,955	329,234
Interest Provision for the Period		481	694	626	575	706	4,014
True-up and Interest Provision							
Beginning of Period		93,982	271,515	258,403	205,249	224,214	93,982
True-up Collected or (Refunded)		(15,664)	(15,664)	(15,664)	(15,664)	(15,664)	(93,982)
End of Period, Net True-up		271,515	258,403	205,249	224,214	288,211	333,248
Interest Provision:							
Beginning True-up Amount		93,982	271,515	258,403	205,249	224,214	288,211
Ending True-up Amount Before Interest		271,034	257,709	204,673	223,639	287,505	332,316
Total Beginning and Ending True-up		365,016	529,224	463,026	428,888	511,719	620,527
Average True-up Amount		182,508	264,612	231,513	214,444	255,860	310,264
Interest Rate		3.1650%	3.1450%	3.2450%	3.2200%	3.3100%	3.6050%
Monthly Average Interest Rate		0.2638%	0.2621%	0.2704%	0.2683%	0.2758%	0.3004%
Interest Provision		481	694	626	575	706	4,014