

FLORIDA  
PUBLIC UTILITIES COMPANY

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

May 8, 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 October 1995 - March 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*

Cheryl Martin  
Corporate Accounting Manager

ACK \_\_\_\_\_

AFA 1

APP \_\_\_\_\_

CAF \_\_\_\_\_

CMU \_\_\_\_\_ Enclosures

CTR \_\_\_\_\_ cc: Mr G M Bachman

EAG \_\_\_\_\_ Mr F C Cressman

LEG 1 Mr P M Cutshaw

LIN 3 Mr J T English

Mr P Foster

Mr Norman Horton

Ms Kathy Welch (FPSC Miami)

SJ 80-441

SEC 1 CAWPWIN\RECAP.WPD MDN

WAS \_\_\_\_\_

DTL \_\_\_\_\_

DOCUMENT NUMBER-DATE

05209 MAY-96

FPSC-RECORDS/REPORTING

# FLORIDA PUBLIC UTILITIES COMPANY

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

**OCTOBER 1995 - MARCH 1996**

BASED ON SIX MONTHS ACTUAL  
(INCLUDES LINE LOSS, EXCLUDES TAXES)

Schedule M1

## MARIANNA DIVISION

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL		
	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL	
	1995	1995	1995	1996	1996	1996		
Total System Sales - KWH	21,754,028	21,754,029	22,439,851	25,886,538	23,126,131	20,832,709	135,793,286	
Total System Purchases - KWH	22,657,400	21,036,600	23,233,800	26,717,000	22,396,000	20,922,200	136,963,000	
System Billing Demand - KW	53,655	52,831	57,489	65,552	69,015	54,601	353,143	
Purchased Power Rates:								
Base Fuel Costs - \$/KWH	0.02900	0.02900	0.02900	0.02900	0.02900	0.02900		
Fuel Adjustment - \$/KWH	(0.010503)	(0.007995)	(0.009343)	(0.007117)	(0.002622)	(0.002459)		
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	657,065	610,061	673,780	774,793	649,484	606,744	3,971,927	
Fuel Adjustment	(237,973)	(168,190)	(217,079)	(190,138)	(58,715)	(51,456)	(923,551)	
Subtotal Fuel Costs	419,092	441,871	456,701	584,655	590,769	555,288	3,048,376	
Demand and Non-Fuel Costs:								
Demand Charge	348,758	343,402	373,678	426,089	448,598	354,907	2,295,432	
Customer Charge	550	550	550	550	550	550	3,300	
Energy Charge	156,109	144,942	160,081	184,080	154,308	144,154	943,674	
Subtotal Demand & Non-Fuel Costs	505,417	488,894	534,309	610,719	603,456	499,611	3,242,406	
Total System Purchased Power Costs	924,509	930,765	991,010	1,195,374	1,194,225	1,054,899	6,290,782	
Sales Revenues								
Fuel Adjustment Revenues:	Rate							
Residential RS	0.04871	421,544	359,175	488,959	639,634	547,381	468,913	2,925,606
Commercial GS	0.04653	84,695	67,827	75,868	91,167	82,510	76,263	478,130
Commercial GSD	0.04142	293,598	246,906	259,057	285,024	271,427	256,299	1,614,311
Industrial GSLD	0.04166	165,001	128,692	178,811	153,260	138,793	129,029	893,386
Residential OL,OL-2	0.02936	3,949	3,954	3,978	3,974	3,963	3,987	23,905
Other SL-1,SL-2,SL-3	0.02852	2,781	2,782	2,775	2,769	2,768	2,767	16,642
Total Fuel Revenues		971,568	809,336	1,009,048	1,175,828	1,046,842	939,260	5,951,882
Non-Fuel Revenues		353,515	328,128	365,338	410,741	460,727	430,016	2,348,465
Total Sales Revenue		1,325,083	1,137,464	1,374,386	1,586,569	1,507,569	1,369,276	8,300,347
KWH Sales/Rate:								
Residential RS	8,652,820	7,375,531	10,039,134	13,134,630	11,236,258	9,627,624	60,065,997	
Commercial GS	1,820,213	1,457,697	1,626,212	1,959,324	1,773,261	1,639,004	10,275,711	
Commercial GSD	7,088,309	5,961,040	6,254,390	6,881,311	6,553,039	6,236,083	38,974,172	
Industrial GSLD	3,960,660	3,089,100	4,287,341	3,678,840	3,331,560	3,097,200	21,444,701	
Residential OL,OL-2	134,498	134,663	135,484	135,358	134,968	135,784	810,755	
Other SL-1,SL-2,SL-3	97,528	97,540	97,290	97,075	97,045	97,014	583,492	
Total KWH Sales	21,754,028	18,115,571	22,439,851	25,886,538	23,126,131	20,832,709	132,154,828	
True-up Calculation:							Period to Date	
Fuel Revenues	971,568	809,336	1,009,048	1,175,828	1,046,842	939,260	5,951,882	
True-up Provision	(27,116)	(27,116)	(27,116)	(27,116)	(27,116)	(27,113)	(162,693)	
Gross Receipts Tax Refund	0	0	0	0	0	0	0	
Fuel Revenue	998,684	836,452	1,036,164	1,202,944	1,073,958	966,373	6,114,575	
Total Purchased Power Costs	924,509	930,765	991,010	1,195,374	1,194,225	1,054,899	6,290,782	
True-up Provision for the Period	74,175	(94,313)	45,154	7,570	(120,267)	(88,526)	(176,207)	
Interest Provision for the Period	912	725	479	461	70	(522)	2,125	
True-up and Interest Provision								
Beginning of Period	162,693	210,664	89,960	108,477	89,392	(57,921)	162,693	
True-up Collected or (Refunded)	(27,116)	(27,116)	(27,116)	(27,116)	(27,116)	(27,113)	(162,693)	
End of Period, Net True-up	210,664	89,960	108,477	89,392	(57,921)	(174,082)	(174,082)	
Interest Provision:								
Beginning True-up Amount	162,693	210,664	89,960	108,477	89,392	(57,921)		
Ending True-up Amount Before Interest	209,752	89,235	107,998	88,931	(57,991)	(173,580)		
Total Beginning and Ending True-up	372,445	299,899	197,958	197,408	31,401	(231,481)		
Average True-up Amount	186,223	149,950	98,979	98,704	15,701	(115,741)		
Interest Rate	5.8750%	5.8050%	5.8050%	5.6050%	5.3650%	5.4150%		
Monthly Average Interest Rate	0.4896%	0.4838%	0.4830%	0.4671%	0.4471%	0.4513%		
Interest Provision	912	725	479	461	70	(522)		

# FLORIDA PUBLIC UTILITIES COMPANY

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

**OCTOBER 1995 - MARCH 1996**

BASED ON SIX MONTHS ACTUAL

(EXCLUDES LINE LOSS, EXCLUDES TAXES)

Schedule F1

## FERNANDINA BEACH DIVISION

	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	
	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL
	1995	1995	1995	1996	1996	1996	
Total System Sales - KWH	26,603,693	20,053,350	24,437,318	31,004,590	30,317,684	25,024,454	157,441,069
CCA Purchases - KWH	337,400	1,673,900	214,100	212,800	122,500	390,300	2,951,000
JEA Purchases - KWH	27,565,294	19,606,753	25,767,929	31,117,967	29,090,995	25,019,960	156,174,898
System Billing Demand - KW	60,704	50,758	66,394	71,770	93,811	73,934	416,371
<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	0.01645	0.01645	0.01645	0.01205	0.01205	0.01205	
<b>Purchased Power Costs:</b>							
CCA Fuel Costs	6,309	31,302	4,004	3,979	2,291	7,299	55,184
JEA Base Fuel Costs	506,560	361,745	475,418	574,128	536,840	461,618	2,918,327
JEA Fuel Adjustment	0	0	0	0	0	0	0
Subtotal Fuel Costs	514,869	393,047	479,422	578,105	539,131	468,917	2,973,511
<b>Demand and Non-Fuel Costs:</b>							
Demand Charge	364,224	304,548	398,364	430,620	562,866	437,604	2,498,226
Customer Charge	225	225	225	225	225	225	1,350
Energy Charge	453,449	322,531	423,882	374,972	350,618	301,491	2,226,943
Subtotal Demand & Non-Fuel Costs	817,898	627,304	822,471	805,817	913,709	739,320	4,726,519
Total System Purchased Power Costs	1,332,767	1,020,351	1,301,893	1,383,922	1,452,840	1,208,237	7,700,030
<b>Less Direct Billing To GSLD Class:</b>							
Demand	66,662	43,165	129,495	32,392	112,171	94,754	478,659
Commodity	224,822	120,348	202,491	213,699	298,691	184,738	1,244,989
Net Purchased Power Costs	1,041,283	856,838	969,907	1,137,631	1,041,978	928,745	5,976,362
<b>Sales Revenues</b>							
<b>Fuel Adjustment Revenues:</b>							
	Rate						
RS	0.05145	583,584	437,751	563,366	799,164	662,213	3,627,251
GS	0.05208	89,487	72,727	75,252	82,837	82,865	492,807
GSD	0.04429	316,891	290,020	276,811	298,813	275,072	1,731,367
OL	0.04058	1,897	1,925	1,940	1,930	1,860	11,478
SL,CSL	0.04058	3,207	3,209	3,221	2,787	3,215	18,447
Total Fuel Revenues (Excl. GSLD)		995,025	805,632	921,190	1,195,551	1,025,225	5,891,309
GSLD Fuel Revenues		291,504	163,513	331,986	246,291	410,862	1,723,648
Non-Fuel Revenues		421,924	370,526	411,394	471,874	508,525	2,651,140
Total Sales Revenue		1,708,453	1,339,671	1,664,570	1,913,716	1,944,612	10,256,097
<b>KWH Sales:</b>							
RS	11,342,741	8,508,215	10,961,260	15,533,011	12,870,805	11,283,560	70,499,592
GS	1,718,263	1,396,443	1,444,932	1,782,592	1,591,106	1,529,170	9,462,506
GSD	7,154,922	6,548,195	6,249,960	6,746,747	6,210,702	6,181,079	39,091,605
GSLD	6,262,000	3,474,000	5,654,000	6,826,000	9,520,000	5,914,000	37,650,000
OL	46,736	47,426	47,801	47,549	45,836	47,454	282,804
SL,CSL	79,029	79,071	79,365	68,691	79,235	69,191	454,582
Total KWH Sales	26,603,693	20,053,350	24,437,318	31,004,590	30,317,684	25,024,454	157,441,069
<b>True-up Calculation (Excl. GSLD):</b>							
Fuel Revenues	995,025	805,632	921,190	1,195,551	1,025,225	938,686	5,881,309
True-up Provision	857	857	857	857	857	861	5,146
Gross Receipts Tax Refund	0	0	0	0	0	0	0
Fuel Revenue	994,168	804,775	920,333	1,194,694	1,024,368	937,825	5,876,163
Net Purchased Power Costs	1,041,283	856,838	969,907	1,137,631	1,041,978	928,745	5,976,362
True-up Provision for the Period	(47,115)	(52,063)	(49,574)	57,063	(17,610)	9,080	(100,219)
Interest Provision for the Period	(138)	(373)	(617)	(577)	(463)	(485)	(2,653)
True-up and Interest Provision	(5,146)	(51,542)	(103,121)	(152,455)	(95,112)	(112,328)	(5,146)
Beginning of Period	857	857	857	857	857	861	5,146
True-up Collected or (Refunded)	(51,542)	(103,121)	(152,455)	(95,112)	(112,328)	(102,872)	(102,872)
End of Period, Net True-up							
<b>Interest Provision:</b>							
Beginning True-up Amount	(5,146)	(51,542)	(103,121)	(152,455)	(95,112)	(112,328)	
Ending True-up Amount Before Interest	(51,404)	(102,748)	(151,838)	(94,535)	(111,865)	(102,387)	
Total Beginning and Ending True-up	(56,550)	(154,290)	(254,959)	(246,990)	(206,977)	(214,715)	
Average True-up Amount	(28,275)	(77,145)	(127,480)	(123,495)	(103,489)	(107,356)	
Interest Rate	5.8750%	5.8050%	5.8050%	5.6050%	5.3650%	5.4150%	
Monthly Average Interest Rate	0.4896%	0.4838%	0.4838%	0.4671%	0.4471%	0.4513%	
Interest Provision	(138)	(373)	(617)	(577)	(463)	(485)	