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October 5, 1998

HAND DELIVERY

Ms. Blanca S. Bayo, Director  
Division of Records and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Betty Easley Conference Center, Room 110  
Tallahassee, Florida 32399-0850

RECEIVED  
REC'D - 5 PM 10/5/98  
RECORDING

Re: Docket No. 980001-EI  
Dear Ms. Bayo:

Enclosed herewith for filing in the above-referenced docket on behalf of Florida Public Utilities Company ("FPUC") are the following documents:

1. Original and fifteen copies of Petition for Approval of Florida Public Utilities Company's Fuel Adjustment and Purchased Power Cost Recovery Factors;
2. Original and fifteen copies of Direct Testimony of George M. Bachman; and

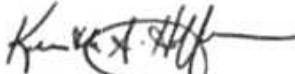
10893-98

3. Original and fifteen copies of the Composite Exhibit GMB-2 for the Marianna and Fernandina Beach divisions.

ACK John  
AFA John  
APP \_\_\_\_\_  
CAF \_\_\_\_\_ Please acknowledge receipt of these documents by stamping the extra copy of this letter  
CMU \_\_\_\_\_ "filed" and returning the same to me.

CTR \_\_\_\_\_ Thank you for your assistance with this filing.

Sincerely,

  
Kenneth A. Hoffman

RECEIVED & FILED



FPSC-BUREAU OF RECORDS

Petition  
DOCUMENT NUMBER-DATE  
10892 OCT-5 98  
FPSC-RECORDS/REPORTING

LEG 1  
LIN 3108  
OPC \_\_\_\_\_  
RCH \_\_\_\_\_  
SEC I KAH/r1  
WAS \_\_\_\_\_ Enclosures  
OTH \_\_\_\_\_ cc: All Parties of Record

BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 980001-EI  
CONTINUING SURVEILLANCE AND REVIEW OF  
FUEL COST RECOVERY CLAUSES OF ELECTRIC UTILITIES

Direct Testimony of  
George M. Bachman  
On Behalf of  
Florida Public Utilities Company

- 1 Q. Please state your name and business address.
- 2 A. George M. Bachman, 401 South Dixie Highway, West Palm Beach, FL
- 3 33401.
- 4 Q. By whom are you employed?
- 5 A. I am employed by Florida Public Utilities Company.
- 6 Q. Have you previously testified in this Docket?
- 7 A. Yes.
- 8 Q. What is the purpose of your testimony at this time?
- 9 A. I will briefly describe the basis for the computations that were
- 10 made in the preparation of the various Schedules that we have
- 11 submitted in support of the January 1999 - December 1999 fuel cost
- 12 recovery adjustments for our two electric divisions. In addition,
- 13 I will advise the Commission of the projected differences between
- 14 the revenues collected under the leveled fuel adjustment and the
- 15 purchased power costs allowed in developing the leveled fuel
- 16 adjustment for the period April 1998 - December 1998 and to
- 17 establish a "true-up" amount to be collected or refunded during
- 18 January 1999 - December 1999.
- 19 Q. Were the schedules filed by your Company completed under your
- 20 direction?
- 21 A. Yes.
- 22 Q. Which of the Staff's set of schedules has your company completed
- 23 and filed?

DOCUMENT NUMBER-DATE

10893 OCT-5 8

1           A. We have filed Schedules E1, E1A, E1-B, E1B-1, E2, E7, and E10 for  
2           Marianna and E1, E1A, E1-B, E1-B1, E2, E7, E8, and E10 for  
3           Fernandina Beach. They are included in Composite Prehearing  
4           Identification Number GMB-2.

5           These schedules support the calculation of the leveled fuel  
6           adjustment factor for January 1999 - December 1999. Schedule E1-B  
7           shows the Calculation of Purchased Power Costs and Calculation of  
8           True-Up and Interest Provision for the period April 1998 - December  
9           1998 based on 5 Months Actual and 4 Months Estimated data.

10          Q. In derivation of the projected cost factor for the January 1999 -  
11           December 1999, period, did you follow the same procedures that were  
12           used in the prior period filings?

13          A. Yes, with the exception of time period. The period covered has  
14           been changed to twelve months and a calendar year.

15          Q. Why has the GSLD rate class for Fernandina Beach been excluded from  
16           these computations?

17          A. Demand and other purchased power costs are assigned to the GSLD  
18           rate class directly based on their actual CP KW and their actual  
19           KWH consumption. That procedure for the GSLD class has been in use  
20           for several years and has not been changed herein. Costs to be  
21           recovered from all other classes is determined after deducting from  
22           total purchased power costs those costs directly assigned to GSLD.

23          Q. How will the demand cost recovery factors for the other rate  
24           classes be used?

25          A. The demand cost recovery factors for each of the RS, GS, GSD and  
26           OL-SL rate classes will become one element of the total cost  
27           recovery factor for those classes. All other costs of purchased  
28           power will be recovered by the use of the leveled factor that is  
29           the same for all those rate classes. Thus the total factor for each

1                   class will be the sum of the respective demand cost factor and the  
2                   levelized factor for all other costs.

3                   Q. Please address the calculation of the total true-up amount to be  
4                   collected or refunded during the January 1999 - December 1999.

5                   A. We have determined that at the end of December 1998 based on five  
6                   months actual and four months estimated, we will have over-  
7                   recovered \$60,107 in purchased power costs in our Marianna  
8                   division. Based on estimated sales for the period January 1999 -  
9                   December 1999, it will be necessary to subtract .02177¢ per KWH to  
10                  refund this over-recovery.

11                  In Fernandina Beach we will have over-recovered \$126,712 in  
12                  purchased power costs. This amount will be refunded at .04708¢ per  
13                  KWH during the January 1999 - December 1999 period (excludes GSLD  
14                  customers). Page 3 and 13 of Composite Prehearing Identification  
15                  Number GRB-2 provides a detail of the calculation of the true-up  
16                  amounts.

17                  Q. Looking back upon the October 1997 - March 1998 period, what were  
18                  the actual End of Period - True-Up amounts for Marianna and  
19                  Fernandina Beach, and their significance, if any?

20                  A. The Marianna Division experienced an over-recovery of \$256,324 and  
21                  Fernandina Beach Division over-recovered \$390,750. The amounts  
22                  both represent fluctuations of less than 10% from the total fuel  
23                  charges for the period and are not considered significant variances  
24                  from projections.

25                  Q. What are the final remaining true-up amounts for the period October  
26                  1997 - March 1998 for both divisions?

27                  A. In Marianna the final remaining true-up amount was an over-recovery  
28                  of \$125,045. The final remaining true-up amount for Fernandina  
29                  Beach was an over-recovery of \$121,303.

- 1           Q. What are the estimated true-up amounts for the period of April 1998  
2           - December 1998?
- 3           A. In Marianna, there is an estimated over-recovery of 64,938.  
4           Fernandina Beach has an estimated under-recovery of \$5,409.
- 5           Q. What will the total fuel adjustment factor, excluding demand cost  
6           recovery, be for both divisions for the period  
7           January 1999 - December 1999.
- 8           A. In Marianna the total fuel adjustment factor as shown on Line 33,  
9           Schedule E1, is 2.293¢ per KWH. In Fernandina Beach the total fuel  
10          adjustment factor for "other classes", as shown on Line 43,  
11          Schedule E1, amounts to 2.042¢ per KWH.
- 12          Q. Please advise what a residential customer using 1,000 KWH will pay  
13          for the period January 1999 - December 1999 including base rates,  
14          conservation cost recovery factors, and fuel adjustment factor and  
15          after application of a line loss multiplier.
- 16          A. In Marianna a residential customer using 1,000 KWH will pay \$63.16,  
17          an decrease of .65¢ from the previous period. In Fernandina Beach  
18          a customer will pay \$57.65, an increase of \$1.69 from the previous  
19          period.
- 20          Q. Does this conclude your testimony?
- 21          A. Yes.

22

23

24           Disk Fuel 1/97

25           Nov98-test.gb

FLORIDA PUBLIC UTILITIES COMPANY  
FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION

SCHEDULE E1  
PAGE 1 OF 3

ESTIMATED FOR THE PERIOD: JANUARY 1999 - DECEMBER 1999

FERNANDINA BEACH DIVISION

	(a)	(b)	(c)
	DOLLARS	MWH	CENTS/KWH
1 Fuel Cost of System Net Generation (E3)			
2 Nuclear Fuel Disposal Costs (E2)			
3 Coal Car Investment			
4 Adjustments to Fuel Cost			
5 TOTAL COST OF GENERATED POWER (LINE 1 THRU 4)	0	0	0.00000
6 Fuel Cost of Purchased Power (Exclusive of Economy) (E7)	7,020,503	380,515	1.84500
7 Energy Cost of Sched C & X Econ Purch (Broker) (E9)			
8 Energy Cost of Other Econ Purch (Non-Broker) (E9)			
9 Energy Cost of Sched E Economy Purch (E9)			
10 Demand & Non Fuel Cost of Purch Power (E2)	6,081,302	380,515	1.59818
10a Demand Costs of Purchased Power	5,679,060 *		
10b Non-fuel Energy & Customer Costs of Purchased Power	402,342 *		
11 Energy Payments to Qualifying Facilities (E8a)	89,760	4,800	1.87000
12 TOTAL COST OF PURCHASED POWER (LINE 6 THRU 11)	13,191,565	385,315	3.42358
13 TOTAL AVAILABLE KWH (LINE 5 + LINE 12)	13,191,565	385,315	3.42358
14 Fuel Cost of Economy Sales (E6)			
15 Gain on Economy Sales (E6)			
16 Fuel Cost of Unit Power Sales (SL2 Partita) (E6)			
17 Fuel Cost of Other Power Sales			
18 TOTAL FUEL COST AND GAINS OF POWER SALES	0	0	0.00000
19 Net inadvertent Interchange			
20 TOTAL FUEL & NET POWER TRANSACTIONS (LINE 5 + 12 + 18 + 19)	13,191,565	385,315	3.42358
21 Net Unbilled Sales	(582)*	(17)	-0.00016
22 Company Use	14,927 *	436	0.00406
23 T & D Losses	593,615 *	17,339	0.16150
24 SYSTEM MWH SALES	13,191,565	367,557	3.58898
25 Wholesale MWH Sales			
26 Jurisdictional MWH Sales	13,191,565	367,557	3.58898
26a Jurisdictional Loss Multiplier	1.00000	1.00000	
27 Jurisdictional MWH Sales Adjusted for Line Losses	13,191,565	367,557	3.58898
27a GSLO MWH Sales		98,400	
27b Other Classes MWH Sales		269,157	
27c GSLO CP KW		258,000 *	
28 GPIF **			
29 TRUE-UP (OVER) UNDER RECOVERY **	(126,712)	367,557	-0.03447
30 TOTAL JURISDICTIONAL FUEL COST	13,064,853	367,557	3.55451
30a Demand Purchased Power Costs (Line 10a)	5,679,060 *		
30b Non-demand Purchased Power Costs (Lines 6 + 10b + 11)	7,512,505 *		
30c True up Over/Under Recovery (Line 29)	(126,712)*		

\* For Informational Purposes Only

\*\* Calculation Based on Jurisdictional KWH Sales

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 980001-E1  
FLORIDA PUBLIC UTILITIES COMPANY  
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FLORIDA PUBLIC UTILITIES COMPANY  
FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION

SCHEDULE E1  
PAGE 2 OF 3

ESTIMATED FOR THE PERIOD: JANUARY 1999 - DECEMBER 1999

FERNANDINA BEACH DIVISION		(a)	(b)	(c)
		DOLLARS	MWH	CENTS/KWH
<b>APPORTIONMENT OF DEMAND COSTS</b>				
31	Total Demand Costs (Line 30a)	5,679,060		
32	GSLD Portion of Demand Costs (Line 30a) Including Line Losses (Line 27c x \$6.16)	1,594,440	258,000 (kW)	\$6.16 /kW
33	Balance to Other Classes	4,084,620	269,157	1.51756
<b>APPORTIONMENT OF NON-DEMAND COSTS</b>				
34	Total Non-demand Costs (Line 30b)	7,512,505		
35	Total KWH Purchased (Line 12)		385,311	
36	Average Cost per KWH Purchased			1.94970
37	Average Cost Adjusted for Line Losses (Line 36 x 1.03)			2.00818
38	GSLD Non-demand Costs (Line 27a x Line 37)	1,976,061	98,400	2.00819
39	Balance to Other Classes	5,536,444	269,157	2.04050
<b>GSLD PURCHASED POWER COST RECOVERY FACTORS</b>				
40a	Total GSLD Demand Costs (Line 32)	1,594,440	258,000 (kW)	\$6.16 /kW
40b	Revenue Tax Factor			1.01609
40c	GSLD Demand Purchased Power Factor Adjusted for Taxes & Rounded			\$6.28 /kW
40d	Total Current GSLD Non-demand Costs (Line 38)	1,976,061	98,400	2.00819
40e	Total Non-demand Costs Including True-up	1,976,061	98,400	2.00819
40f	Revenue Tax Factor			1.01609
40g	GSLD Non-demand Costs Adjusted for Taxes & Rounded			2.04050
<b>OTHER CLASSES PURCHASED POWER COST RECOVERY FACTORS</b>				
41a	Total Demand & Non-demand Purchased Power Costs of Other Classes (Line 33 + 39)	9,621,064	269,157	3.57452
41b	Less: Total Demand Cost Recovery	4,084,620 ***		
41c	Total Other Costs to be Recovered	5,536,444	269,157	2.04050
41d	Other Classes' Portion of True-up (Line 30c)	(126,712)	269,157	-0.4708
41e	Total Demand & Non-demand Costs Including True-up	5,409,732	269,157	2.00988
42	Revenue Tax Factor			1.01609
43	Other Classes Purchased Power Factor Adjusted for Taxes & Rounded			2.042

\* For Informational Purposes Only  
\*\* Calculation Based on Jurisdictional KWH Sales  
\*\*\* Calculation on Schedule E1 Page 3

EXHIBIT NO. \_\_\_\_\_  
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FLORIDA PUBLIC UTILITIES COMPANY  
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FLORIDA PUBLIC UTILITIES COMPANY  
FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION

SCHEDULE E1  
PAGE 3 OF 3

ESTIMATED FOR THE PERIOD: JANUARY 1999 - DECEMBER 1999

FERNANDINA BEACH DIVISION

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			(1) / (2) * 4,380			(3) * (4)	(1) * (5)	(6) / Tot. Col. (6) (7) / Tot. Col. (7)	
Rate Schedule	KWH Sales	12 CP Load Factor	CP KW At Meter	Demand Loss Factor	Energy Loss Factor	CP KW At GEN.	KWH At GEN.	12 CP Demand Percentage	Energy Percentage
44 RS	155,595,637	60.910%	58,322.3	1.089	1.000	63,513.0	155,595,637	65.03%	57.81%
45 GS	21,468,812	67.794%	7,230.1	1.089	1.000	7,873.6	21,468,812	8.06%	7.96%
46 GSD	90,546,116	85.426%	24,199.5	1.083	1.000	26,208.1	90,546,116	26.84%	33.64%
47 OL, SL, CSL	1,546,272	585.182%	60.3	1.089	1.000	65.7	1,546,272	0.07%	0.57%
<b>48 TOTAL</b>	<b>269,156,837</b>		<b>89,812.2</b>			<b>97,660.4</b>	<b>269,156,837</b>	<b>100.00%</b>	<b>100.00%</b>

	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
	12 / 13 * (8)	1 / 13 * (9)	(10) * (11)	Tot. Col. 13 * (12)	(13) / (1)	(14) * 1.01609	(15) * (16)	
Rate Schedule	12/13 Of 12 CP	1/13 Of Energy	Demand Allocation Percentage	Demand Dollars	Demand Cost Recovery	Demand Cost Recovery Adj for Taxes	Other Charges	Leveled Adjustment
49 RS	60.03%	4.46%	64.48%	\$2,633,783	0.01693	0.01720	0.02042	0.03762
50 GS	7.44%	0.61%	8.05%	326,812	0.01532	0.01557	0.02042	0.03599
51 GSD	24.79%	2.59%	27.37%	1,117,960	0.01235	0.01255	0.02042	0.03297
52 OL, SL, CSL	0.06%	0.04%	0.10%	4,085	0.00264	0.00268	0.02042	0.02310
<b>53 TOTAL</b>	<b>92.31%</b>		<b>7.70%</b>	<b>100.00%</b>		<b>\$4,564,620</b>		

(2) From Florida Power & Light Co. 1995 Load Research results.

(4) From Fernandina Beach Rate Case 881055-EI.

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DOCKET NO. 980001-EI  
FLORIDA PUBLIC UTILITIES COMPANY  
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**FLORIDA PUBLIC UTILITIES COMPANY**  
CALCULATION OF TRUE-UP SURCHARGE  
APPLICABLE TO LEVELIZED FUEL ADJUSTMENT PERIOD  
APRIL 1998 - DECEMBER 1998  
BASED ON FIVE MONTHS ACTUAL AND FOUR MONTHS ESTIMATED OPERATIONS

Schedule E1-A

**Fernandina Beach Division**

Over-recovery of purchased power costs for the period  
April 1998 - December 1998. (See Schedule E1-B, Calculation  
of Estimated Purchased Power Costs and Calculation of True-  
Up and Interest Provision for the Nine Month Period ended  
December 1998.)(Estimated)

\$ 126,712

Estimated kilowatt hour sales for the months of January 1999 -  
December 1999 as per estimate filed with the Commission.  
(Excludes GSLD customers)

269,156,837

Cents per kilowatt hour necessary to refund over-recovered  
purchased power costs over the period January 1999 - December 1999.

0.04708

Exhibit No. \_\_\_\_\_  
Docket No. 980001-EI  
Florida Public Utilities Company  
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FLORIDA PUBLIC UTILITIES COMPANY  
CALCULATION OF PURCHASED POWER COSTS AND  
PERIOD APRIL 1998 - SEPTEMBER 1998  
BASED ON ONE MONTH ESTIMATED AND FIVE MONTHS ACTUAL  
(EXCLUDES LINE LOSS, EXCLUDES TAXES)

Schedule E1-B  
Part 1 of 2

FERNANDINA BEACH	Actual APRIL 1998	Actual MAY 1998	Actual JUNE 1998	Actual JULY 1998	Actual AUGUST 1998	Estimated SEPTEMBER 1998	Total Estimated
Total System Sales - KWH	26,081,869	28,152,553	42,958,776	47,435,065	40,724,738	33,533,729	218,896,730
CCA Purchases - KWH	518,800	94,100	23,300	83,500	29,200	110,000	858,700
JEA Purchases - KWH	26,546,793	32,777,897	47,467,704	49,778,217	43,517,835	32,879,172	233,068,618
System Billing Demand - KW	63,123	82,970	90,451	90,541	85,747	81,000	493,832
Purchased Power Rates:							
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	0.00455	0.00455	0.00455	0.00455	0.00455	0.00455	
Purchased Power Costs:							
CCA Fuel Costs	9,698	1,760	436	1,561	546	2,057	16,058
JEA Base Fuel Costs	491,633	604,752	875,779	918,427	802,905	606,621	4,300,117
JEA Fuel Adjustment	0	0	0	0	0	0	0
Subtotal Fuel Costs	501,331	606,512	876,215	919,988	803,451	606,678	4,316,175
Demand and Non-Fuel Costs:							
Demand Charge	378,738	497,820	542,706	543,246	514,482	486,000	2,252,992
Customer Charge	225	225	225	225	225	225	1,350
Energy Charge	121,243	149,139	215,978	226,495	198,007	149,800	1,060,462
Subtotal Demand & Non-Fuel Costs	500,206	647,184	758,909	789,968	712,714	635,825	4,024,804
Total System Purchased Power Costs	1,001,537	1,253,696	1,835,124	1,889,964	1,516,165	1,244,503	8,340,879
Less Direct Billing To GSLO Class:							
Demand	191,035	157,307	174,792	142,981	127,579	117,420	911,114
Commodity	174,006	184,916	336,477	334,060	278,060	184,722	1,492,741
Net Purchased Power Costs	636,496	911,473	1,123,855	1,212,913	1,110,526	942,361	5,937,624
Sales Revenues							
Fuel Adjustment Revenues:							
RS	0.03961	369,223	420,167	666,160	804,346	674,017	605,808
GS	0.03802	63,382	68,564	97,345	110,750	96,160	74,156
GSD	0.03508	248,644	272,406	324,164	349,786	324,476	293,154
OL	0.02550	1,469	1,745	1,641	1,828	1,723	1,412
SL,CSL	0.02550	1,901	1,877	1,866	1,872	1,869	1,960
Total Fuel Revenues (Excl. GSLO)	704,619	765,759	1,091,196	1,268,582	1,100,265	976,490	5,906,911
GSLO Fuel Revenues	365,041	342,223	511,269	477,041	405,839	302,142	2,403,355
Non-Fuel Revenues	469,007	489,491	632,037	691,718	622,483	567,218	3,471,954
Total Sales Revenue	1,538,667	1,597,473	2,234,502	2,437,341	2,128,387	1,845,850	11,782,220
KWH Sales:							
RS	8,824,740	10,609,568	16,815,806	20,303,962	17,013,971	15,294,325	89,862,172
GS	1,667,058	1,829,677	2,560,358	2,912,829	2,562,331	1,950,442	13,502,795
GSD	7,087,914	7,785,284	9,241,267	9,971,106	9,249,594	8,356,735	51,671,900
GSLO	7,370,000	7,806,000	14,204,000	14,102,000	11,738,000	7,800,000	63,020,000
OL	57,616	68,424	64,357	71,874	67,551	55,367	384,989
SL,CSL	74,541	73,800	73,188	73,394	73,291	76,860	444,874
Total KWH Sales	26,081,869	28,152,553	42,958,776	47,435,065	40,724,738	33,533,729	218,896,730
True-up Calculation (Excl. GSLO):							
Fuel Revenues	704,619	765,759	1,091,196	1,268,582	1,100,265	976,490	5,906,911
True-up Provision	(65,125)	(65,125)	(65,125)	(65,125)	(65,125)	(65,125)	(350,749)
Gross Receipts Tax Refund	0	0	0	0	0	0	0
Fuel Revenue	769,744	830,854	1,156,321	1,333,707	1,165,390	1,041,614	6,297,660
Net Purchased Power Costs	636,496	911,473	1,123,855	1,212,913	1,110,526	942,361	5,937,624
True-up Provision for the Period	133,248	(80,586)	32,466	120,794	54,864	99,253	360,036
Interest Provision for the Period	1,961	1,783	1,390	458	1,559	1,621	9,772
True-up and Interest Provision							
Beginning of Period	390,750	490,834	316,903	285,634	342,761	334,059	390,750
True-up Collected or (Refunded)	(65,125)	(65,125)	(65,125)	(65,125)	(65,125)	(65,125)	(350,749)
End of Period, Net True-up	460,834	316,903	285,634	342,761	334,059	369,809	369,809
10% RULE							6.23%
Interest Provision:							
Beginning True-up Amount	390,750	460,834	316,903	285,634	342,761	334,059	
Ending True-up Amount Before Interest	458,873	315,120	284,244	341,303	332,500	366,168	
Total Beginning and Ending True-up	849,623	775,954	601,147	626,937	675,261	702,247	
Average True-up Amount	424,812	387,977	300,574	313,469	337,631	351,124	
Average Interest Rate	5.8400%	5.5150%	5.5800%	5.5800%	5.5400%	5.5400%	
Monthly Average Interest Rate	0.4617%	0.4596%	0.4625%	0.4650%	0.4617%	0.4617%	
Interest Provision	1,961	1,783	1,390	1,458	1,559	1,621	

Exhibit No. \_\_\_\_\_  
Docket No. 980001-EI  
Florida Public Utilities Company  
(GMB-2)  
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**FLORIDA PUBLIC UTILITIES COMPANY**  
**CALCULATION OF PURCHASED POWER COSTS AND**  
**CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLO**  
**PERIOD OCTOBER 1998 - DECEMBER 1998**  
**BASED ON THREE MONTHS ESTIMATED**  
**(EXCLUDES LINE LOSS, EXCLUDES TAXES)**

Schedule E 1-B  
 Part 2 of 2

FERNANDINA BEACH	Estimated OCTOBER 1998	Estimated NOVEMBER 1998	Estimated DECEMBER 1998	Total Estimated		
Total System Sales - KWH	28,602,375	25,127,504	27,561,753	81,251,632		
JSC Purchases - KWH	110,000	110,000	110,000	330,000		
JEA Purchases - KWH	27,900,005	26,378,383	29,834,428	84,212,816		
System Billing Demand - KW	63,797	60,733	68,176	192,706		
Purchased Power Rates:						
CCA Fuel Costs - \$/KWH	0.018700	0.018700	0.018700			
Base Fuel Costs - \$/MWH	0.01845	0.01845	0.01845			
Fuel Adjustment - \$/KWH	0.00000	0.00000	0.00000			
Demand and Non-Fuel:						
Demand Charge - \$/KW	6.00	6.00	6.00			
Customer Charge - \$	225.00	225.00	225.00			
Energy Charge (Excl. Fuel) \$/KWH	0.00455	0.00455	0.00455			
Purchased Power Costs:						
CCA Fuel Costs	2,057	2,057	2,057	0	0	0
JEA Base Fuel Costs	514,755	486,681	562,290	0	0	0
JEA Fuel Adjustment	0	0	0	0	0	0
Subtotal Fuel Costs	516,812	486,738	564,347	0	0	0
Demand and Non-Fuel Costs:						
Demand Charge	382,782	364,398	409,056	0	0	0
Customer Charge	225	225	225	0	0	0
Energy Charge	126,945	120,022	136,202	0	0	0
Subtotal Demand & Non-Fuel Costs	609,952	584,645	645,483	0	0	0
Total System Purchased Power Costs	1,026,764	973,383	1,099,830	0	0	0
Less Direct Billing To GSLO Class:						
Demand	117,420	117,420	117,420	352,260		
Commodity	184,711	184,707	184,716	554,134		
Net Purchased Power Costs	724,633	671,256	787,694	0	0	0
Sales Revenues				2,193,583		
Fuel Adjustment Revenues:						
RS	0.03538	407,097	318,388	393,772	0	0
GS	0.03391	58,887	52,577	54,569	0	0
GSD	0.03114	231,336	206,868	214,255	0	0
OL	0.02217	1,228	1,228	1,228	0	0
SL,CSL	0.02217	1,704	1,704	1,704	0	0
Total Fuel Revenues (Excl. GSLO)	700,252	580,775	665,528	0	0	0
GSLO Fuel Revenues	302,131	302,127	302,136	0	0	0
Non-Fuel Revenues	489,377	441,668	476,156	0	0	0
Total Sales Revenue	1,491,760	1,324,590	1,443,820	4,260,170		
KWH Sales:						
RS	11,504,994	9,001,896	11,130,170	31,637,060		
GS	1,736,485	1,850,430	1,809,172	4,496,067		
GSD	7,428,669	6,642,951	6,080,184	20,951,804		
OL	7,800,000	7,800,000	7,800,000	23,400,000		
SL,CSL	55,367	55,367	55,367	166,101		
Total KWH Sales	28,602,375	25,127,504	27,561,753	0	0	0
True-up Calculation (Excl. GSLO):						
Fuel Revenues	700,252	580,775	665,528	0	0	0
True-up Provision	(123,269)	(123,270)	(123,270)	1,946,555		
Gross Receipts Tax Refund	0	0	0	(369,809)		
Fuel Revenues	823,521	704,045	788,798	0	0	0
Net Purchased Power Costs	724,633	671,256	787,694	0	0	0
True-up Provision for the Period	98,888	32,789	(8,896)	0	0	0
Interest Provision for the Period	1,651	1,394	886	0	0	0
True-up and Interest Provision				122,781		
Beginning of Period	369,809	347,079	257,992	0	0	0
True-up Collected or (Refunded)	(123,269)	(123,270)	(123,270)	0	0	0
End of Period, Net True-up	347,079	257,992	126,712	0	0	0
10% RULE				126,712		
Interest Provision						
Beginning True-up Amount	369,809	347,079	257,992	0	0	0
Ending True-up Amount Before Interest	345,428	296,596	125,826	0	0	0
Total Beginning and Ending True-up	715,237	603,677	382,818	0	0	0
Average True-up Amount	357,619	301,839	191,909	0	0	0
Average Interest Rate	5.5400%	5.5400%	5.5400%			
Monthly Average Interest Rate	0.4617%	0.4617%	0.4617%	0.0000%	0.0000%	0.0000%
Interest Provision	1,651	1,394	886	0	0	0

Exhibit No \_\_\_\_\_  
 Docket No 980001-EI  
 Florida Public Utilities Company  
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**COMPARISON OF ESTIMATED/ACTUAL VERSUS ORIGINAL PROJECTIONS  
OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR  
FOR THE PERIOD OCTOBER 1988 - DECEMBER 1988**

	DOLLARS	MWH	CENT\$/KWH
1	Fuel Cost of System Net Generation (A1)	0	0.0%
2	Nuclear Fuel Disposal Cost (A13)	0	0.0%
3	Coal Car Investment	0	0.0%
4	Adjustments to Fuel Cost (A2, Page 1)	0	0.0%
5	TOTAL COST OF GENERATED POWER	1,553,726	0.0%
6	Fuel Cost of Purchased Power (Exclusive of Economy) (A6)	0	0.0%
7	Economy Cost of Sched C & X Econ Purch (Dollars)(A9)	0	0.0%
8	Economy Cost of Other Econ Purch (Non-Boundary)(A9)	0	0.0%
9	Economy Cost of Sched E Econ Purch (A9)	0	0.0%
10	Demand and Non Fuel Cost of Purchased Power (A9)	1,540,000	0.0%
11	Economy Payments to Qualifying Facilities (A10)	6,171	0.0%
12	TOTAL COST OF PURCHASED POWER	1,546,171	0.0%
13	TOTAL AVAILABLE MWH (LINE 1 + LINE 12)	3,099,877	0.0%
14	Fuel Cost of Economy Sales (A7)	0	0.0%
15	Gain on Economy Sales (A28)	0	0.0%
16	Fuel Cost of Unit Power Sales (S1.2 Paribus)(A7)	0	0.0%
17	Fuel Cost of Other Power Sales (A7)	0	0.0%
18	TOTAL FUEL COST AND GAINS OF POWER SALES (LINE 14 + 15 + 16 + 17)	0	0.0%
19	NET INADVERTENT INTERCHANGE (A10)	0	0.0%
20	TOTAL FUEL AND NET POWER TRANSACTIONS (LINES 8 + 12 + 18 + 19)	3,099,877	0.0%
21	Net Unbilled Sales (A1)	(70,365)*	0.0%
22	Company Use (A4)	3,923*	0.0%
23	T & D Losses (A4)	186,014*	0.0%
24	SYSTEM KWH SALES	3,099,877	0.0%
25	Wholesale KWH Sales	0	0.0%
26	Jurisdictional KWH Sales	0	0.0%
27	Jurisdictional Loss Multiplier	1,000	0.000
28	Jurisdictional KWH Sales Adjusted for Line Losses	0	0.0%
29	GPR**	3,099,877	0.0%
30	TRUE-UP**	(247,126)	49.5%
31	TOTAL JURISDICTIONAL FUEL COST	2,752,168	1,22,891) -4.2%
32	Revenue Tax Factor	1.01609	0.00000
33	Fuel Factor Adjusted for Taxes	2,752,168	0.0%
	FUEL FAC ROUNDED TO NEAREST .001 (CENT\$/KWH)	2,752,168	0.0%

\*Includes for Informational Purposes Only

\*\*Calculation Based on Jurisdictional KWH Sales

EXHIBIT NO. E1-81-E1  
DOCKET NO. 980001-E1  
FLORIDA PUBLIC UTILITIES COMPANY  
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FLORIDA PUBLIC UTILITIES COMPANY  
FERNANDINA BEACH DIVISION

FOR THE PERIOD JANUARY 1990 - DECEMBER 1990

LINE NO.		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL PERIOD	(n)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	
1	FUEL COST OF SYSTEM GENERATION													0	
1a	NUCLEAR FUEL DISPOSAL													0	
2	FUEL COST OF POWER SOLD													0	
3	FUEL COST OF PURCHASED POWER	69,042	518,627	521,735	488,005	572,177	636,060	720,842	704,511	641,566	548,355	489,012	584,785	7,020,503	3
3a	DEMAND & NON FUEL COST OF PUR POWER	529,810	551,730	483,825	448,342	490,144	547,595	548,921	632,139	578,793	467,202	411,845	490,398	6,081,302	26
2b	QUALIFYING FACILITIES	7,480	7,480	7,480	7,480	7,480	7,480	7,480	7,480	7,480	7,480	7,480	7,480	80,760	30
4	ENERGY COST OF ECONOMY PURCHASES													0	
5	TOTAL FUEL & NET POWER TRANSACTIONS (SUM OF LINES A-1 THRU A4)	1,126,332	1,078,817	1,012,840	943,728	1,060,801	1,181,829	1,277,243	1,244,130	1,229,208	1,022,837	908,337	1,087,866	13,191,966	6
5a	LESS TOTAL DEMAND COST RECOVERY	363,076	369,064	320,839	284,365	324,486	378,294	374,892	368,860	407,150	302,700	250,920	320,022	4,094,820	5a
5b	TOTAL OTHER COST TO BE RECOVERED	765,254	869,753	692,002	658,362	745,315	813,382	922,441	895,180	819,078	722,137	657,477	785,844	8,105,845	5b
6	APPORTIONMENT TO GOLD CLASS	297,542	297,530	297,537	297,542	297,544	297,547	297,544	297,547	297,541	297,537	297,542	297,542	3,570,501	6
6a	BALANCE TO OTHER CLASSES	487,712	362,214	384,463	380,825	447,773	515,818	604,894	687,833	521,834	472,898	369,890	481,102	6,536,844	6a
6b	SYSTEM KWH SOLD (MMWH)	21,542	29,814	27,936	26,866	27,262	32,227	34,097	36,521	30,937	26,783	26,191	26,811	361,267	6b
7	GOLD MMW SOLD	6,200	8,200	8,200	8,200	8,200	8,200	8,200	8,200	8,200	8,200	8,200	8,200	98,400	7
7a	BALANCE MMW SOLD OTHER CLASSES	273.3	21,474	18,396	17,386	18,182	24,027	27,867	29,201	27,267	22,963	17,891	20,411	269,157	7a
7b	COST PER KWH SOLD (CENTS/MMWH) APPLICABLE TO OTHER CLASSES	2,00631	1,85158	2,04321	2,07418	2,33434	2,14853	2,16631	2,07637	1,90564	1,87296	2,00033	2,25009	2,05006	7b
8	JURISDICTIONAL LOSS MULTIPLIER	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	8
9	JURISDICTIONAL COST (CENTS/MMWH)	2,00631	1,85158	2,04321	2,07418	2,33434	2,14853	2,16631	2,07637	1,90564	1,87296	2,00033	2,25008	2,05006	9
10	OPG (CENTS/MMWH)													10	
11	TRUE-UP (CENTS/MMWH)	(2) 047081	(2) 047081	(2) 047081	(2) 047081	(2) 047081	(2) 047081	(2) 047081	(2) 047081	(2) 047081	(2) 047081	(2) 047081	(2) 047081	(2) 047081	11
12	TOTAL	1,95623	1,78450	1,86813	2,02710	2,28726	2,06875	2,12123	2,02929	1,66832	1,82368	1,96325	2,21201	2,00668	12
13	REVENUE TAX FACTOR 0.01609	0.03152	0.02971	0.02212	0.02962	0.02690	0.03379	0.02513	0.02962	0.02798	0.03143	0.02669	0.03234	1.3	
14	RECOVERY FACTOR ADJUSTED FOR TAXES	1,96076	1,81322	2,02625	2,06977	2,23406	2,12354	2,15336	2,08164	1,88624	1,94526	1,99468	2,24760	2,04222	14
15	RECOVERY FACTOR ROUNDED TO NEAREST .001 CENT/MMWH	1,961	1,813	2,027	2,07	2,234	2,134	2,155	2,092	1,886	1,945	1,995	2,248	2,042	15

EXHIBIT NO. 6  
DOCKET NO. 80001-61  
FLORIDA PUBLIC UTILITIES COMPANY  
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FLORIDA PUBLIC UTILITIES COMPANY  
 FERNANDINA BEACH DIVISION  
 PURCHASED POWER  
 (EXCLUSIVE OF ECONOMY ENERGY PURCHASES)

SCHEDULE E7

ESTIMATED FOR THE PERIOD OF: JANUARY 1999 - DECEMBER 1999

MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	CENTS/KWH		TOTAL \$ FOR FUEL ADJ. (7) x (8) (A)
							(4)	(5)	
JANUARY 1999	JACKSONVILLE ELECTRIC AUTHORITY	MIS	32,024,819				1.844999	59,1042	
FEBRUARY 1999	JACKSONVILLE ELECTRIC AUTHORITY	MIS	26,162,863				1.845000	3,830,620	
MARCH 1999	JACKSONVILLE ELECTRIC AUTHORITY	MIS	26,278,546				1.844996	3,651,680	
APRIL 1999	JACKSONVILLE ELECTRIC AUTHORITY	MIS	26,593,184				1.844999	4,895,906	
MAY 1999	JACKSONVILLE ELECTRIC AUTHORITY	MIS	31,012,202				1.845000	572,177	
JUNE 1999	JACKSONVILLE ELECTRIC AUTHORITY	MIS	34,561,862				1.845000	626,500	
JULY 1999	JACKSONVILLE ELECTRIC AUTHORITY	MIS	20,070,054				1.844999	720,842	
AUGUST 1999	JACKSONVILLE ELECTRIC AUTHORITY	MIS	26,184,870				1.845000	3,209,105	
SEPTEMBER 1999	JACKSONVILLE ELECTRIC AUTHORITY	MIS	34,786,033				1.844999	3,258,173	
OCTOBER 1999	JACKSONVILLE ELECTRIC AUTHORITY	MIS	26,721,115				1.845000	641,805	
NOVEMBER 1999	JACKSONVILLE ELECTRIC AUTHORITY	MIS	26,504,722				1.844999	548,355	
DECEMBER 1999	JACKSONVILLE ELECTRIC AUTHORITY	MIS	31,895,461				1.844999	489,012	
	TOTAL		360,515,172	0	0	360,515,172	1.844999	3,488,763	7,020,503

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990001-EI  
 FLORIDA PUBLIC UTILITIES COMPANY  
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FLORIDA PUBLIC UTILITIES COMPANY  
FERNANDINA BEACH DIVISION  
PURCHASED POWER  
ENERGY PAYMENT TO QUALIFYING FACILITIES

ESTIMATED FOR THE PERIOD OF: JANUARY 1999 - DECEMBER 1999

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL KWH PURCHASED	(5) KWH FOR OTHER UTILITIES	(6) KWH FOR INTERRUPTIBLE	(7) KWH FOR FIRM	(8) CENTS/KWH		(9) TOTAL \$ FOR FUEL ADD. (7) (8) (A)
							(A) FUEL COST	(B) TOTAL COST	
JANUARY 1999	JEFFERSON SAILFITT CORPORATION		400,000			400,000	1.870000	1.870000	7,480
FEBRUARY 1999	JEFFERSON SAILFITT CORPORATION		400,000			400,000	1.870000	1.870000	7,480
MARCH 1999	JEFFERSON SAILFITT CORPORATION		400,000			400,000	1.870000	1.870000	7,480
APRIL 1999	JEFFERSON SAILFITT CORPORATION		400,000			400,000	1.870000	1.870000	7,480
MAY 1999	JEFFERSON SAILFITT CORPORATION		400,000			400,000	1.870000	1.870000	7,480
JUNE 1999	JEFFERSON SAILFITT CORPORATION		400,000			400,000	1.870000	1.870000	7,480
JULY 1999	JEFFERSON SAILFITT CORPORATION		400,000			400,000	1.870000	1.870000	7,480
AUGUST 1999	JEFFERSON SAILFITT CORPORATION		400,000			400,000	1.870000	1.870000	7,480
SEPTEMBER 1999	JEFFERSON SAILFITT CORPORATION		400,000			400,000	1.870000	1.870000	7,480
OCTOBER 1999	JEFFERSON SAILFITT CORPORATION		400,000			400,000	1.870000	1.870000	7,480
NOVEMBER 1999	JEFFERSON SAILFITT CORPORATION		400,000			400,000	1.870000	1.870000	7,480
DECEMBER 1999	JEFFERSON SAILFITT CORPORATION		400,000			400,000	1.870000	1.870000	7,480
<b>TOTAL</b>			<b>4,800,000</b>	<b>0</b>	<b>0</b>	<b>4,800,000</b>	<b>0.000000</b>	<b>0.000000</b>	<b>\$0,710</b>

EXHIBIT NO. 100001-01  
DOCKET NO. 100001-01  
FLORIDA PUBLIC UTILITIES COMPANY  
(FMB-2)  
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FLORIDA PUBLIC UTILITIES COMPANY  
FERNANDINA BEACH DIVISION  
RESIDENTIAL BILL COMPARISON

SCHEDULE E-10

ESTIMATED FOR THE PERIOD\* OF: JANUARY 1999 - DECEMBER 1999

	JANUARY 1999	FEBRUARY 1999	MARCH 1999	APRIL 1999	MAY 1999	JUNE 1999	JULY 1999
--	-----------------	------------------	---------------	---------------	-------------	--------------	--------------

BASE RATE REVENUES ** \$	19.44	19.44	19.44	19.44	19.44	19.44	19.44
FUEL RECOVERY FACTOR CENTS/KWH	3.762	3.762	3.762	3.762	3.762	3.762	3.762
GROUP LOSS MULTIPLIER	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
FUEL RECOVERY REVENUES \$	37.62	37.62	37.62	37.62	37.62	37.62	37.62
GROSS RECEIPTS TAX	0.59	0.59	0.59	0.59	0.59	0.59	0.59
TOTAL REVENUES *** \$	57.65	57.65	57.65	57.65	57.65	57.65	57.65

	AUGUST 1999	SEPTEMBER 1999	OCTOBER 1999	NOVEMBER 1999	DECEMBER 1999	PERIOD TOTAL
--	----------------	-------------------	-----------------	------------------	------------------	-----------------

BASE RATE REVENUES ** \$	19.44	19.44	19.44	19.44	19.44	19.44
FUEL RECOVERY FACTOR CENTS/KWH	3.762	3.762	3.762	3.762	3.762	3.762
GROUP LOSS MULTIPLIER	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
FUEL RECOVERY REVENUES \$	37.62	37.62	37.62	37.62	37.62	37.62
GROSS RECEIPTS TAX	0.59	0.59	0.59	0.59	0.59	0.59
TOTAL REVENUES *** \$	57.65	57.65	57.65	57.65	57.65	57.65

\* MONTHLY AND CUMULATIVE TWELVE MONTH ESTIMATED DATA

\*\* BASE RATE REVENUES  
CUSTOMER CHARGE  
CENTS/KWH  
CONSERVATION FACTOR  
\_\_\_\_\_

19.44

\*\*\* EXCLUDES FRANCHISE TAXES

EXHIBIT NO. 980001-E1  
DOCKET NO. 980001-E1  
FLORIDA PUBLIC UTILITIES COMPANY  
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**FLORIDA PUBLIC UTILITIES COMPANY**  
**FUEL AND PURCHASED POWER**  
**COST RECOVERY CLAUSE CALCULATION**  
**ESTIMATED FOR THE PERIOD: JANUARY 1999 - DECEMBER 1999**

SCHEDULE E1  
 PAGE 1 OF 2

**MARIANNA DIVISION**

	(a)	(b)	(c)
	DOLLARS	MWH	CENTS/KWH
1 Fuel Cost of System Net Generation (E3)		0	
2 Nuclear Fuel Disposal Costs (E2)			
3 Coal Car Investment			
4 Adjustments to Fuel Cost			
5 TOTAL COST OF GENERATED POWER (LINE 1 THRU 4)	0	0	0.00000
6 Fuel Cost of Purchased Power (Exclusive of Economy) (E7)	5,995,767	292,476	2.05000
7 Energy Cost of Sched C & X Econ Purch (Broker) (E9)			
8 Energy Cost of Other Econ Purch (Non-Broker) (E9)			
9 Energy Cost of Sched E Economy Purch (E9)			
10 Demand & Transformation Cost of Purch Power (E2)	4,590,542	292,476	1.56954
10a Demand Costs of Purchased Power	4,200,182 *		
10b Transformation Energy & Customer Costs of Purchased Power	390,360 *		
11 Energy Payments to Qualifying Facilities (E8a)			
12 TOTAL COST OF PURCHASED POWER (LINE 6 THRU 11)	10,586,309	292,476	3.61955
13 TOTAL AVAILABLE KWH (LINE 5 + LINE 12)	10,586,309	292,476	3.61955
14 Fuel Cost of Economy Sales (E6)			
15 Gain on Economy Sales (E6)			
16 Fuel Cost of Unit Power Sales (SL2 Part(s)) (E6)			
17 Fuel Cost of Other Power Sales			
18 TOTAL FUEL COST AND GAINS OF POWER SALES	0	0	0.00000
19 Net Inadvertent Interchange			
20 TOTAL FUEL & NET POWER TRANSACTIONS (LINE 5 + 12 + 18 + 19)	10,586,309	292,476	3.61955
21 Net Unbilled Sales	(14) *	(0)	(0.00001)
22 Company Use	9,049 *	250	0.00326
23 T & D Losses	582,219 *	16,085	0.21064
24 SYSTEM MWH SALES	10,586,309	276,141	3.83366
25 Less Total Demand Cost Recovery	4,200,182 ***		
26 Jurisdictional MWH Sales	6,386,127	276,141	2.31263
26a Jurisdictional Loss Multiplier	1.00000	1.00000	
27 Jurisdictional MWH Sales Adjusted for Line Losses	6,386,127	276,141	2.31263
28 GPIF **			
29 TRUE-UP **	(80,107)	276,141	(0.02177)
30 TOTAL JURISDICTIONAL FUEL COST	6,326,020	276,141	2.29087
31 Revenue Tax Factor			1.00063
32 Fuel Factor Adjusted for Taxes			2.29277
33 FUEL FAC ROUNDED TO NEAREST .001 CENTS/KWH			2.293

\* For informational Purposes Only

\*\* Calculation Based on Jurisdictional KWH Sales

\*\*\* Calculation on Schedule E1 Page 2

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 980001-EI  
 FLORIDA PUBLIC UTILITIES COMPANY  
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**FLORIDA PUBLIC UTILITIES COMPANY**  
 FUEL FACTOR ADJUSTED FOR  
 LINE LOSS MULTIPLIER  
 ESTIMATED FOR THE PERIOD: JANUARY 1999 - DECEMBER 1999

SCHEDULE E1  
 PAGE 2 OF 2

**MARIANNA DIVISION**

Rate Schedule	KWH Sales	12 CP Load Factor	CP KW At Meter	(1)(2)*4,380		CP KW At Gen	KWH At Gen	12 CP Demand Percentage	Energy Percentage
				(3)	(4)				
34 RS	125,079,339	55.052614%		51,872.1	1.089	1.000	56,488.7	125,079,339	53.74% 45.30%
35 GS	22,757,302	57.194949%		9,061.2	1.089	1.000	9,892.7	22,757,302	9.41% 8.24%
36 GSD	86,246,391	77.730683%		25,332.2	1.083	1.000	27,434.8	86,246,391	26.10% 31.23%
37 GSLD	38,699,410	53.217644%		10,817.3	1.038	1.000	11,020.8	38,699,410	10.48% 14.01%
38 OL	2,209,284	296.003708%		170.4	1.089	1.000	185.6	2,209,284	0.18% 0.80%
39 SL	1,149,324	296.003708%		88.6	1.089	1.000	90.5	1,149,324	0.09% 0.42%
<b>40 TOTAL</b>	<b>276,141,050</b>			<b>97,164.8</b>			<b>105,119.1</b>	<b>276,141,050</b>	<b>100.00% 100.00%</b>

Rate Schedule	12/13 * (8)	1/13 * (9)	(12) (10) + (11)	(13) Tot. Col. 13 * (12)	(14) (13)(11)	(15) (14) * 1.00083 Demand Cost Recovery Adj for Taxes	(16) Other Charges	(17) (15) + (16) Levelized Adjustment
41 RS	49.62%	3.48%		53.10% \$2,230,297	0.01783	0.01784	0.02293	\$0.04077
42 GS	8.69%	0.63%		9.32% 391,457	0.01720	0.01721	0.02293	\$0.04014
43 GSD	24.09%	2.40%		26.49% 1,112,628	0.01290	0.01291	0.02293	\$0.03584
44 GSLD	9.67%	1.08%		10.75% 451,820	0.01167	0.01168	0.02293	\$0.03461
45 OL	0.17%	0.06%		0.23% 9,660	0.00437	0.00437	0.02293	\$0.02730
46 SL	0.08%	0.03%		0.11% 4,620	0.00402	0.00402	0.02293	\$0.02695
<b>47 TOTAL</b>	<b>92.32%</b>	<b>7.68%</b>		<b>100.00% \$4,200,182</b>				

(2) From Gulf Power Co. 1995 Load Research results.

(4) From Fernandina Rate Case.

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**FLORIDA PUBLIC UTILITIES COMPANY**  
CALCULATION OF TRUE-UP SURCHARGE  
APPLICABLE TO LEVELIZED FUEL ADJUSTMENT PERIOD  
APRIL 1998 - DECEMBER 1998  
BASED ON FIVE MONTHS ACTUAL AND FOUR MONTHS ESTIMATED OPERATIONS

SCHEDULE E1-A

**Marianna Division**

Over-recovery of purchased power costs for the period  
April 1998 - December 1998. (See Schedule E1-B, Calculation  
of Estimated Purchased Power Costs and Calculation of True-  
Up and Interest Provision for the Nine Month Period ended  
December 1998)(Estimated)

\$ 60,107

Estimated kilowatt hour sales for the months of January 1999 -  
December 1999 as per estimate filed with the Commission 276,141,000

Cents per kilowatt hour necessary to refund over-recovered  
purchased power costs over the period January 1999 - December 1999 0.02177

Exhibit No. \_\_\_\_\_  
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FLORIDA PUBLIC UTILITIES COMPANY  
CALCULATION OF PURCHASED POWER COSTS AND  
CALCULATION OF TRUE-UP AND INTEREST PROVISION  
APRIL 1998 - SEPTEMBER 1998  
BASED ON ONE MONTH ESTIMATED AND FIVE MONTHS ACTUAL

Schedule E1-B  
Page 1 of 2

MAJUANIA DIVISION	Actual	Actual	Actual	Actual	Actual	Estimated	Total
	APRIL 1998	MAY 1998	JUNE 1998	JULY 1998	AUGUST 1998	SEPTEMBER 1998	
Total System Sales - KWH	18,419,256	20,514,533	28,695,740	33,003,526	28,475,881	28,311,441	157,420,377
Total System Purchases - KWH	19,197,713	27,433,865	32,873,665	32,567,688	32,080,073	27,178,090	171,341,114
System Billing Demand - KW	36,234	58,083	67,968	65,578	66,036	60,000	351,897
Purchased Power Rates:							
Base Fuel Costs - \$/KWH	0.02150	0.02150	0.02150	0.02150	0.02150	0.02150	
Demand and Non-Fuel:							
Demand Charge - \$/KW	6.77	6.77	6.77	6.77	6.77	6.77	
Customer Charge - \$	550.00	550.00	550.00	550.00	550.00	550.00	
Transformation Charge	31,980	31,979	31,980	31,979	31,979	31,980	
Purchased Power Costs:							
Base Fuel Costs	412,751	589,828	706,784	700,205	689,937	584,329	3,683,834
Subtotal Fuel Costs	412,751	589,828	706,784	700,205	689,937	584,329	3,683,834
Demand and Non-Fuel Costs:							
Demand Charge	245,304	379,882	460,143	443,950	447,054	406,200	2,382,343
Customer Charge	550	550	550	550	550	550	3,300
Transformation Charge	31,980	31,979	31,980	31,979	31,979	31,980	191,877
Subtotal Demand & Non-Fuel Costs	277,834	412,211	492,873	476,479	479,583	438,730	2,577,520
Total System Purchased Power Costs	690,585	1,002,039	1,190,457	1,176,684	1,169,530	1,023,059	6,261,354
Sales Revenues:							
Fuel Adjustment Revenues:							
Residential RS	0.04229	330,987	361,572	563,712	673,443	554,181	528,475
Commercial GS	0.04164	68,258	76,494	103,091	120,106	102,560	95,289
Commercial GSD	0.03713	224,708	251,501	328,619	366,096	333,935	326,165
Industrial GSLD	0.03584	93,899	110,153	134,671	142,235	130,083	160,510
Residential OLOL-2	0.02813	5,212	5,145	5,172	5,251	5,251	4,661
Other SL-1,SL-2,SL-3	0.02812	2,703	2,710	2,707	2,708	2,707	18,230
Total Fuel Revenues	725,767	807,575	1,137,972	1,312,839	1,128,717	1,117,804	6,230,674
Non-Fuel Revenues	410,656	440,748	545,835	601,224	543,489	524,736	3,072,488
Total Sales Revenue	1,142,423	1,248,323	1,683,807	1,914,063	1,672,206	1,642,540	9,303,182
KWH Sales:							
Residential RS	7,829,357	8,550,876	13,331,277	15,926,346	13,106,203	12,497,780	71,241,839
Commercial GS	1,630,429	1,837,229	2,478,052	2,884,706	2,463,298	2,298,653	13,580,367
Commercial GSD	6,052,066	6,773,671	8,850,604	9,940,859	8,993,857	8,784,589	49,305,736
Industrial GSLD	2,819,960	3,073,464	3,757,548	3,868,616	3,829,544	4,478,509	21,527,641
Residential OLOL-2	185,306	182,910	183,875	186,694	186,705	185,729	1,091,220
Other SL-1,SL-2,SL-3	90,138	96,363	96,293	96,305	96,274	96,181	577,574
Total KWH Sales	18,422,256	20,514,533	28,695,740	33,003,526	28,475,881	28,311,441	157,420,377
True-up Calculation:							Period to Date
Fuel Revenues	725,767	807,575	1,137,972	1,312,839	1,128,717	1,117,804	6,230,674
True-up Provision	(42,721)	(42,721)	(42,721)	(42,721)	(42,721)	(21,879)	(235,484)
Gross Receipts Tax Refund	0	0	0	0	0	0	0
Fuel Revenue	768,488	850,296	1,180,893	1,355,560	1,171,438	1,136,683	6,406,158
Total Purchased Power Costs	690,585	1,002,039	1,190,457	1,176,684	1,169,530	1,023,059	6,261,354
True-up Provision for the Period	77,903	(151,743)	(18,764)	(178,876)	174,686	116,624	204,804
Interest Provision for the Period	1,265	899	317	493	712	840	4,525
True-up and Interest Provision							
Beginning of Period	256,324	292,771	99,206	38,038	174,686	134,585	256,324
True-up Collected or (Refunded)	(42,721)	(42,721)	(42,721)	(42,721)	(42,721)	(21,879)	(235,484)
End of Period, Net True-up	292,771	99,206	38,038	174,686	134,585	230,170	230,170
10% Rule							3.66%
Interest Provision:							
Beginning True-up Amount	256,324	292,771	99,206	38,038	174,686	134,585	
Ending True-up Amount Before Interest	291,506	98,307	37,721	174,163	133,873	229,330	
Total Beginning and Ending True-up	547,830	391,078	136,927	212,231	308,559	363,915	
Average True-up Amount	273,915	105,539	68,464	105,118	154,280	181,958	
Average Annual Interest Rate	5.5400%	5.5150%	5.5500%	5.5800%	5.5400%	5.5400%	
Monthly Average Interest Rate	0.4617%	0.4590%	0.4625%	0.4650%	0.4617%	0.4617%	
Interest Provision	1,265	899	317	493	712	840	

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FLORIDA PUBLIC UTILITIES COMPANY  
CALCULATION OF PURCHASED POWER COSTS AND  
CALCULATION OF TRUE-UP AND INTEREST PROVISION  
OCTOBER 1998 - DECEMBER 1998  
BASED ON THREE MONTHS ESTIMATED

Schedule E 1.B  
Page 2 of 2

MARIANNA DIVISION	Estimated	Estimated	Estimated					Total
	OCTOBER 1998	NOVEMBER 1998	DECEMBER 1998					
Total System Sales - KWH	22,035,427	19,206,108	21,520,418					63,061,953
Total System Purchases - KWH	21,495,689	20,952,602	22,838,330					65,387,621
System Billing Demand - KW	51,516	51,741	56,997					160,254
Purchased Power Rates:								
Base Fuel Costs - \$/KWH	0.02150	0.02150	0.02150					
Demand and Non-Fuel:								
Demand Charge - \$/KW	6.77	6.77	6.77					
Customer Charge - \$	550.00	550.00	550.00					
Transformation Charge	31,980	31,980	31,980					
Purchased Power Costs:								
Base Fuel Costs	482,157	450,481	493,196	0	0	0		1,405,834
Subtotal Fuel Costs	482,157	450,481	493,196	0	0	0		1,405,834
Demand and Non-Fuel Costs:								
Demand Charge	348,783	390,287	368,870	0	0	0		1,084,920
Customer Charge	550	550	550	0	0	0		1,650
Transformation Charge	31,980	31,980	31,980	0	0	0		95,940
Subtotal Demand & Non-Fuel Costs	381,293	382,817	418,400	0	0	0		1,162,510
Total System Purchased Power Costs	843,450	833,298	911,596	0	0	0		2,588,344
Sales Revenues	<hr/>							
Fuel Adjustment Revenues:	NEW RATES							
	Rate							
Residential	RS	0.04137	382,943	326,703	426,219	0	0	1,135,865
Commercial	GS	0.04067	78,703	60,410	71,139	0	0	219,252
Commercial	GSD	0.03577	260,005	233,978	238,400	0	0	736,383
Industrial	GSLD	0.03438	108,134	96,233	97,705	0	0	0
Residential	OL,OL-2	0.02590	4,292	4,292	4,292	0	0	12,876
Other	SL-1,SL-2,SL-3	0.02599	2,500	2,500	2,500	0	0	7,500
Total Fuel Revenues		842,577	733,116	840,255	0	0	0	2,415,948
Non-Fuel Revenues		439,453	400,954	440,415	0	0	0	1,280,822
Total Sales Revenue		1,282,030	1,134,070	1,280,670				3,890,770
KWH Sales:	<hr/>							
Residential	RS	8,256,539	7,897,254	10,302,611				27,456,408
Commercial	GS	1,833,156	1,706,887	1,749,173				5,390,996
Commercial	GSD	7,436,549	6,541,187	6,664,812				20,642,548
Industrial	GSLD	3,145,273	2,796,090	2,841,908				8,786,271
Residential	OL,OL-2	165,729	165,729	165,729				497,167
Other	SL-1,SL-2,SL-3	96,181	96,181	96,181				298,543
Total KWH Sales		22,035,427	19,206,108	21,520,418	0	0	0	63,061,953
True-up Calculation:	<hr/>							
Fuel Revenues	842,577	733,116	840,255	0	0	0		2,415,948
True-up Provision	(76,723)	(76,723)	(76,724)					(230,170)
Gross Receipt Tax Refund	0	0				0	0	0
Fuel Revenues	918,300	809,839	916,879	0	0	0		2,646,118
Total Purchased Power Costs	843,450	833,298	911,596	0	0	0		2,588,344
True-up Provision for the Period	75,850	(23,459)	5,373	0	0	0		57,774
Interest Provision for the Period	1,061	832	440	0	0	0		2,333
True-up and Interest Provision								
Beginning of Period	230,170	230,358	131,008	0	0	0		230,170
True-up Collected or (Refunded)	(76,723)	(76,723)	(76,724)	0	0	0		(230,170)
End of Period, Net True-up	230,358	131,008	60,107	0	0	0		60,107
10% Rate	<hr/>							
Interest Provision:								
Beginning True-up Amount	230,170	230,358	131,008	0	0	0		2,332
Ending True-up Amount Before Interest	229,297	130,176	58,667	0	0	0		
Total Beginning and Ending True-up	459,467	360,534	190,675	0	0	0		
Average True-up Amount	229,734	180,267	95,338	0	0	0		
Average Annual Interest Rate	5.5400%	5.5400%	5.5400%					
Monthly Average Interest Rate	0.4517%	0.4517%	0.4517%					
Interest Provision	1,061	832	440	0	0	0		

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## FLORIDA PUBLIC UTILITIES COMPANY

MARIANNA DIVISION

COMPARISON OF ESTIMATED/ACTUAL VERSUS ORIGINAL PROJECTS  
OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR  
FOR THE PERIOD OCTOBER 1998 - DECEMBER 1998

SCHEDULE E-1-01

	DOLLARS	ESTIMATED/ ACTUAL	ESTIMATED/ ORIGINAL	DIFFERENCE AMOUNT	DIFFERENCE ORIGINAL	%	ESTIMATED/ ACTUAL	ESTIMATED/ ORIGINAL	DIFFERENCE AMOUNT	CENTS/KWH
1	Fuel Cost or System Net Generation (A1)			0	0	0	0	0	0	0.00000
2	Nuclear Fuel Dispatched Cost									0.00000
3	Coal Car Investments									0.00000
4	Adjustments to Fuel Costs (A2, Page 1)									0.00000
5	TOTAL COST OF GENERATED POWER									0.00000
6	Fuel Cost of Purchased Power (Exclusive of Economy) (A7)									0.00000
7	Energy Cost of Sched C & X Econ Purch (Broker)(A8)									0.00000
8	Energy Cost of Other Econ Purch (Non-Broker)(A8)									0.00000
9	Energy Cost of Sched E Economy Purch (A8)									0.00000
10	Demand and Non Fuel Cost of Purchased Power (A8)									0.00000
11	Energy Payments to Qualifying Facilities (A8a)									0.00000
12	TOTAL COST OF PURCHASED POWER									0.00000
13	TOTAL AVAILABLE MWH (LINE 5 + LINE 12)									0.00000
14	Fuel Cost of Economy Sales (A8)									0.00000
15	Gain on Economy Sales (A8)									0.00000
16	Fuel Cost of Unit Power Sales (\$L2 Parthen)(A8)									0.00000
17	Fuel Cost of Other Power Sales (A8)									0.00000
18	TOTAL FUEL COST AND GAINS OF POWER SALES (LINE 14 + 15 + 17)									0.00000
19	NET REVENUE/TENT INTERCHANGE									0.00000
20	TOTAL FUEL AND NET POWER TRANSACTIONS (LINES 5 + 12 + 18 + 19)									0.00000
21	Net Unbilled Sales									0.00000
22	Company Use									0.00000
23	T & D Losses									0.00000
24	SYSTEM KWH SALES									0.00000
25	Wholesale KWH Sales									0.00000
26	Jurisdictional Loss Multiplier									0.00000
26a	Jurisdictional KWH Sales Adjusted for Line Losses									0.00000
27	Jurisdictional KWH Sales Adjusted for Line Losses									0.00000
28	Gang-in									0.00000
29	TRUE-UP™									0.00000
30	TOTAL JURISDICTIONAL FUEL COST									0.00000
31	Revenue Tax Factor									0.00000
32	Fuel Factor Adjusted for Taxes									0.00000
33	FUEL FAC ROUNDED TO NEAREST .001 (CENTS/KWH)									0.00000
	"Included for Informational Purposes Only"									
	"Calculation Based on Jurisdictional KWH Sales"									

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 FLORIDA PUBLIC UTILITIES COMPANY  
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Fuel Cost or System Net Generation (A1)

Nuclear Fuel Dispatched Cost

Coal Car Investments

Adjustments to Fuel Costs (A2, Page 1)

TOTAL COST OF GENERATED POWER

Fuel Cost of Purchased Power (Exclusive of Economy) (A7)

Energy Cost of Sched C &amp; X Econ Purch (Broker)(A8)

Energy Cost of Other Econ Purch (Non-Broker)(A8)

Energy Cost of Sched E Economy Purch (A8)

Demand and Non Fuel Cost of Purchased Power (A8)

Energy Payments to Qualifying Facilities (A8a)

TOTAL COST OF PURCHASED POWER

TOTAL AVAILABLE MWH (LINE 5 + LINE 12)

Fuel Cost of Economy Sales (A8)

Gain on Economy Sales (A8)

Fuel Cost of Unit Power Sales (\$L2 Parthen)(A8)

Fuel Cost of Other Power Sales (A8)

TOTAL FUEL COST AND GAINS OF POWER SALES  
(LINE 14 + 15 + 17)

NET REVENUE/TENT INTERCHANGE

TOTAL FUEL AND NET POWER TRANSACTIONS  
(LINES 5 + 12 + 18 + 19)

Net Unbilled Sales

Company Use

T &amp; D Losses

SYSTEM KWH SALES

Wholesale KWH Sales

JURISDICTIONAL LOSS MULTIPLIER

JURISDICTIONAL KWH SALES ADJUSTED FOR  
LINE LOSSESJURISDICTIONAL KWH SALES ADJUSTED FOR  
LINE LOSSES

GANG-IN

TRUE-UP™

TOTAL JURISDICTIONAL FUEL COST

REVENUE TAX FACTOR

FUEL FACTOR ADJUSTED FOR TAXES

FUEL FAC ROUNDED TO NEAREST .001 (CENTS/KWH)

"INCLUDED FOR INFORMATIONAL PURPOSES ONLY"

"CALCULATION BASED ON JURISDICTIONAL KWH SALES"

FUEL COST OR SYSTEM NET GENERATION (A1)

NUCLEAR FUEL DISPATCHED COST

COAL CAR INVESTMENTS

ADJUSTMENTS TO FUEL COSTS (A2, PAGE 1)

TOTAL COST OF GENERATED POWER

FUEL COST OF PURCHASED POWER (EXCLUSIVE OF ECONOMY) (A7)

ENERGY COST OF SCHED C &amp; X ECON PURCHASE (BROKER)(A8)

ENERGY COST OF OTHER ECON PURCHASE (NON-BROKER)(A8)

ENERGY COST OF SCHED E ECONOMY PURCHASE (A8)

DEMAND AND NON FUEL COST OF PURCHASED POWER (A8)

ENERGY PAYMENTS TO QUALIFYING FACILITIES (A8A)

TOTAL COST OF PURCHASED POWER

TOTAL AVAILABLE MWH (LINE 5 + LINE 12)

FUEL COST OF ECONOMY SALES (A8)

GAIN ON ECONOMY SALES (A8)

FUEL COST OF UNIT POWER SALES (\$L2 PARTHEN)(A8)

FUEL COST OF OTHER POWER SALES (A8)

TOTAL FUEL COST AND GAINS OF POWER SALES  
(LINE 14 + 15 + 17)

NET REVENUE/TENT INTERCHANGE

TOTAL FUEL AND NET POWER TRANSACTIONS  
(LINES 5 + 12 + 18 + 19)

NET UNBILLED SALES

COMPANY USE

T &amp; D LOSSES

SYSTEM KWH SALES

WHOLESALE KWH SALES

JURISDICTIONAL LOSS MULTIPLIER

JURISDICTIONAL KWH SALES ADJUSTED FOR  
LINE LOSSESJURISDICTIONAL KWH SALES ADJUSTED FOR  
LINE LOSSES

GANG-IN

TRUE-UP™

TOTAL JURISDICTIONAL FUEL COST

REVENUE TAX FACTOR

FUEL FACTOR ADJUSTED FOR TAXES

FUEL FAC ROUNDED TO NEAREST .001 (CENTS/KWH)

"INCLUDED FOR INFORMATIONAL PURPOSES ONLY"

"CALCULATION BASED ON JURISDICTIONAL KWH SALES"

FUEL COST OR SYSTEM NET GENERATION (A1)

NUCLEAR FUEL DISPATCHED COST

COAL CAR INVESTMENTS

ADJUSTMENTS TO FUEL COSTS (A2, PAGE 1)

TOTAL COST OF GENERATED POWER

FUEL COST OF PURCHASED POWER (EXCLUSIVE OF ECONOMY) (A7)

ENERGY COST OF SCHED C &amp; X ECON PURCHASE (BROKER)(A8)

ENERGY COST OF OTHER ECON PURCHASE (NON-BROKER)(A8)

ENERGY COST OF SCHED E ECONOMY PURCHASE (A8)

DEMAND AND NON FUEL COST OF PURCHASED POWER (A8)

ENERGY PAYMENTS TO QUALIFYING FACILITIES (A8A)

TOTAL COST OF PURCHASED POWER

TOTAL AVAILABLE MWH (LINE 5 + LINE 12)

FUEL COST OF ECONOMY SALES (A8)

GAIN ON ECONOMY SALES (A8)

FUEL COST OF UNIT POWER SALES (\$L2 PARTHEN)(A8)

FUEL COST OF OTHER POWER SALES (A8)

TOTAL FUEL COST AND GAINS OF POWER SALES  
(LINE 14 + 15 + 17)

NET REVENUE/TENT INTERCHANGE

TOTAL FUEL AND NET POWER TRANSACTIONS  
(LINES 5 + 12 + 18 + 19)

NET UNBILLED SALES

COMPANY USE

T &amp; D LOSSES

SYSTEM KWH SALES

WHOLESALE KWH SALES

JURISDICTIONAL LOSS MULTIPLIER

JURISDICTIONAL KWH SALES ADJUSTED FOR  
LINE LOSSESJURISDICTIONAL KWH SALES ADJUSTED FOR  
LINE LOSSES

GANG-IN

TRUE-UP™

TOTAL JURISDICTIONAL FUEL COST

REVENUE TAX FACTOR

FUEL FACTOR ADJUSTED FOR TAXES

FUEL FAC ROUNDED TO NEAREST .001 (CENTS/KWH)

"INCLUDED FOR INFORMATIONAL PURPOSES ONLY"

"CALCULATION BASED ON JURISDICTIONAL KWH SALES"

FUEL COST OR SYSTEM NET GENERATION (A1)

NUCLEAR FUEL DISPATCHED COST

COAL CAR INVESTMENTS

ADJUSTMENTS TO FUEL COSTS (A2, PAGE 1)

TOTAL COST OF GENERATED POWER

FUEL COST OF PURCHASED POWER (EXCLUSIVE OF ECONOMY) (A7)

ENERGY COST OF SCHED C &amp; X ECON PURCHASE (BROKER)(A8)

ENERGY COST OF OTHER ECON PURCHASE (NON-BROKER)(A8)

ENERGY COST OF SCHED E ECONOMY PURCHASE (A8)

DEMAND AND NON FUEL COST OF PURCHASED POWER (A8)

ENERGY PAYMENTS TO QUALIFYING FACILITIES (A8A)

TOTAL COST OF PURCHASED POWER

TOTAL AVAILABLE MWH (LINE 5 + LINE 12)

FUEL COST OF ECONOMY SALES (A8)

GAIN ON ECONOMY SALES (A8)

FUEL COST OF UNIT POWER SALES (\$L2 PARTHEN)(A8)

FUEL COST OF OTHER POWER SALES (A8)

TOTAL FUEL COST AND GAINS OF POWER SALES  
(LINE 14 + 15 + 17)

NET REVENUE/TENT INTERCHANGE

TOTAL FUEL AND NET POWER TRANSACTIONS  
(LINES 5 + 12 + 18 + 19)

NET UNBILLED SALES

COMPANY USE

T &amp; D LOSSES

SYSTEM KWH SALES

WHOLESALE KWH SALES

JURISDICTIONAL LOSS MULTIPLIER

JURISDICTIONAL KWH SALES ADJUSTED FOR  
LINE LOSSESJURISDICTIONAL KWH SALES ADJUSTED FOR  
LINE LOSSES

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(LINE 14 + 15 + 17)

NET REVENUE/TENT INTERCHANGE

TOTAL FUEL AND NET POWER TRANSACTIONS  
(LINES 5 + 12 + 18 + 19)

NET UNBILLED SALES

COMPANY USE

T &amp; D LOSSES

SYSTEM KWH SALES

WHOLESALE KWH SALES

JURISDICTIONAL LOSS MULTIPLIER

JURISDICTIONAL KWH SALES ADJUSTED FOR  
LINE LOSSESJURISDICTIONAL KWH SALES ADJUSTED FOR  
LINE LOSSES

GANG



**FLORIDA PUBLIC UTILITIES COMPANY**  
**MARANNA DIVISION**  
**PURCHASED POWER**  
(EXCLUSIVE OF ECONOMY ENERGY PURCHASES)

SCHEDULE E7

ESTIMATED FOR THE PERIOD OF JANUARY 1999 - DECEMBER 1999

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL KWH PURCHASED	(5) KWH FOR OTHER UTILITIES	(6) KWH FOR INTERRUPTIBLE	(7) KWH FOR FIRM	CENTS/KWH		(9) TOTAL \$ FOR FUEL ADJ. (7) * (8) (A)
							(8) (A) FUEL COST	(8) (B) TOTAL COST	
JANUARY 1999	GULF POWER COMPANY	RE	24,470,537			24,470,537	2.050000	3,606719	501,546
FEBRUARY 1999	GULF POWER COMPANY	RE	21,231,400			21,231,400	2.050001	3,851413	435,244
MARCH 1999	GULF POWER COMPANY	RE	21,233,296			21,233,296	2.050002	3,681077	435,283
APRIL 1999	GULF POWER COMPANY	RE	19,714,503			19,714,503	2.049998	3,774921	404,147
MAY 1999	GULF POWER COMPANY	RE	24,432,731			24,432,731	2.050000	3,573223	500,871
JUNE 1999	GULF POWER COMPANY	RE	26,452,201			26,452,201	2.050000	3,643421	542,270
JULY 1999	GULF POWER COMPANY	RE	30,182,009			30,182,009	2.049999	3,477476	618,731
AUGUST 1999	GULF POWER COMPANY	RE	30,923,206			30,923,206	2.050001	3,442825	633,926
SEPTEMBER 1999	GULF POWER COMPANY	RE	26,944,800			26,944,800	2.049999	3,575039	552,364
OCTOBER 1999	GULF POWER COMPANY	RE	22,236,529			22,236,529	2.050001	3,608023	455,849
NOVEMBER 1999	GULF POWER COMPANY	RE	21,032,041			21,032,041	2.050001	3,703777	431,157
DECEMBER 1999	GULF POWER COMPANY	RE	23,623,342			23,623,342	2.050002	3,657946	484,279
TOTAL			292,476,395	0	0	292,476,395	2.050000	3,619539	5,995,767

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 980001-EI  
FLORIDA PUBLIC UTILITIES COMPANY  
(GMB-Z)  
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FLORIDA PUBLIC UTILITIES COMPANY  
 MARIANNA DIVISION  
 RESIDENTIAL BILL COMPARISON  
 FOR MONTHLY USAGE OF 1000 KWH

SCHEDULE E10

ESTIMATED FOR THE PERIOD\* OF: JANUARY 1999 - DECEMBER 1999

	JANUARY 1999	FEBRUARY 1999	MARCH 1999	APRIL 1999	MAY 1999	JUNE 1999	JULY 1999
BASE RATE REVENUES ** \$	20.81	20.81	20.81	20.81	20.81	20.81	20.81
FUEL RECOVERY FACTOR CENTS/KWH	4.077	4.077	4.077	4.077	4.077	4.077	4.077
GROUP LOSS MULTIPLIER	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
FUEL RECOVERY REVENUES \$	40.77	40.77	40.77	40.77	40.77	40.77	40.77
GROSS RECEIPTS TAX	1.58	1.58	1.58	1.58	1.58	1.58	1.58
TOTAL REVENUES *** \$	63.16	63.16	63.16	63.16	63.16	63.16	63.16
	AUGUST 1999	SEPTEMBER 1999	OCTOBER 1999	NOVEMBER 1999	DECEMBER 1999	PERIOD TOTAL	
BASE RATE REVENUES ** \$	20.81	20.81	20.81	20.81	20.81	249.72	
FUEL RECOVERY FACTOR CENTS/KWH	4.077	4.077	4.077	4.077	4.077		
GROUP LOSS MULTIPLIER	1.00000	1.00000	1.00000	1.00000	1.00000		
FUEL RECOVERY REVENUES \$	40.77	40.77	40.77	40.77	40.77	489.24	
GROSS RECEIPTS TAX	1.58	1.58	1.58	1.58	1.58	18.96	
TOTAL REVENUES *** \$	63.16	63.16	63.16	63.16	63.16	757.92	

\* MONTHLY AND CUMULATIVE SIX MONTH ESTIMATED DATA

\*\* BASE RATE REVENUES:

CUSTOMER CHARGE	8.30
CENTS/KWH	12.13
CONSERVATION FACTOR	0.38

20.81

\*\*\* EXCLUDES FRANCHISE TAXES

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 (GMB-2)  
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