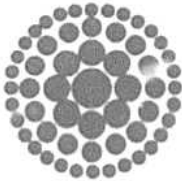


Original  
FILE COPY



**Florida  
Power**  
CORPORATION

**JAMES A. MCGEE**  
SENIOR COUNSEL

January 10, 1997

Ms. Blanca Bayo, Director  
Division of Records & Reporting  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, Florida 32399-0850

Re: Docket No. 970002-EG

Dear Ms. Bayo:

Enclosed for filing in the subject docket are an original and fifteen copies of the Direct Testimony and Exhibits of Michael F. Jacob and Karl H. Wieland filed on behalf of Florida Power Corporation.

Please acknowledge your receipt of the above filing on the enclosed copy of this letter and return to the undersigned. Also enclosed is a 3.5 inch diskette containing the above-referenced document in WordPerfect format. Thank you for your assistance in this matter.

Very truly yours,

James A. McGee

- ACK \_\_\_\_\_
- AFA 2 \_\_\_\_\_
- APP \_\_\_\_\_
- CAF \_\_\_\_\_
- CMU \_\_\_\_\_
- CTR \_\_\_\_\_
- EAG 1 \_\_\_\_\_
- LEG \_\_\_\_\_
- LIN 3 + 049 \_\_\_\_\_
- OPC \_\_\_\_\_
- RCH \_\_\_\_\_
- SEC 1 \_\_\_\_\_
- WAS \_\_\_\_\_
- OTH \_\_\_\_\_

JAM/kp  
Enclosure

c: Parties of Record

*Wieland*

*Jacob*

DOCUMENT NUMBER - DATE

DOCUMENT NUMBER - DATE

GENERAL OFFICE

00000 JAN 13 1997

00398 JAN 13 1997

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

---

In re: Conservation Cost Recovery  
Clauses of Electric Companies.

---

Docket No.970002-EG

Submitted for filing:  
January 10, 1997

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the Testimony and Exhibits of Michael F. Jacob and Karl H. Wieland submitted by Florida Power Corporation has been furnished to the following individuals by regular U.S. Mail this 10th day of January, 1997:

Robert V. Elias, Esquire  
Division of Legal Services  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

G. Edison Holland, Jr., Esquire  
Jeffrey A. Stone, Esquire  
Beggs & Lane  
P. O. Box 12950  
Pensacola, FL 32576-2950

J. Roger Howe, Esquire  
Office of the Public Counsel  
c/o The Florida Legislature  
111 West Madison Street, Room 812  
Tallahassee, FL 32399-1400

Wayne L. Schiefelbein, Esquire  
Gatlin, Woods, Carlson &  
Cowdery  
1709-D Mahan Drive  
Tallahassee, FL 32308

Lee L. Willis, Esquire  
James D. Beasley, Esquire  
Macfarlane Ausley Ferguson  
& McMullen  
P.O. Box 391  
Tallahassee, FL 32302

Norman Horton, Jr., Esquire  
Messer, Vickers, Caparello,  
French & Madsen  
P. O. Box 1876  
Tallahassee, FL 32302

Charles A. Guyton, Esquire  
Steel, Hector & Davis  
215 S. Monroe Street, Suite 601  
Tallahassee, Florida 32301

Robert Scheffel Wright., Esquire  
Landers & Parsons  
310 West College Ave.  
P.O. Box 271  
Tallahassee, FL 32302

Gail P. Fels, Esquire  
Assistant County Attorney  
111 N.W. 1st Street, Suite 2810  
Miami, FL 33128-1993

John W. McWhirter, Jr., Esquire  
McWhirter, Reeves, McGlothlin,  
Davidson & Bakas  
100 N. Tampa Street, Suite 2900  
Tampa, FL 33602

Joseph A. McGlothlin, Esquire  
Vicki Gordon Kaufman, Esquire  
McWhirter, Reeves, McGlothlin,  
Davidson & Bakas  
117 S. Gadsden Street  
Tallahassee, FL 32301

H. G. Wells  
276 Spring Run Circle  
Longwood, FL 32779

Charles A. Costin, Esquire  
P. O. Box 98  
Port St. Joe, FL 32456

Ross S. Burnaman, Esquire  
Legal Environmental Assistance  
Foundation, Inc.  
1115 N. Gadsden Street  
Tallahassee, FL 32303

Terry Black, Esquire  
Pace University Energy Project  
78 North Broadway  
White Plains, NY 10603

Debbie Stitt  
Energy Conservation Analyst  
St. Joe Natural Gas Company  
P. O. Drawer 549  
Port St. Joe, FL 32456

Richard A. Zambo, Esquire  
598 S. W. Hidden River Avenue  
Palm City, FL 34990

Mr. Stuart Shoaf  
St. Joe Natural Gas Company  
P. O. Box 549  
Port St. Joe, FL 32456

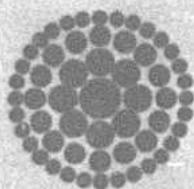
William B. Watson, III  
Watson, Folds, Steadham,  
Sproull, Christman & Brashear  
P. O. Box 1070  
Gainesville, FL 32602

Kenneth A. Hoffman, Esq.  
William B. Willingham, Esq.  
Rutledge, Ecenia, Underwood,  
Purnell & Hoffman, PA  
P.O. Box 551  
Tallahassee, FL 32302-0551

Mr. Frank C. Cressman  
President  
Florida Public Utilities Company  
P.O. Box 3395  
West Palm Beach, FL 33402-  
3395

  
Attorney

ORIGINAL  
FILE COPY



**Florida  
Power**  
CORPORATION

---

**BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION**

**DOCKET No. 970002-EG**

**PROJECTION  
APRIL 1997 THROUGH MARCH 1998**

---

**DIRECT TESTIMONY  
AND EXHIBITS OF  
MICHAEL F. JACOB**

---

---

**For Filing January 13, 1997**

DOCUMENT NUMBER-DATE

**00399 JAN 13 97**

FPSC-RECORDS/REPORTING

**FLORIDA POWER CORPORATION  
DOCKET No. 970002-EG**

**DIRECT TESTIMONY OF  
MICHAEL F. JACOB**

1 **Q. State your name and business address.**

2 A. My name is Michael F. Jacob. My business address is Florida Power  
3 Corporation, 3201 34th Street South, St. Petersburg, Florida, 33711.  
4

5 **Q. By whom are you employed and in what capacity?**

6 A. I am employed by Florida Power Corporation (FPC) as Manager of  
7 Regulatory Evaluation and Planning.  
8

9 **Q. Have your duties and responsibilities remained the same since you last**  
10 **testified in this proceeding.**

11 A. Yes.  
12

13 **Q. What is the purpose of your testimony?**

14 A. The purpose of my testimony is to describe the components of the  
15 Company's Conservation Plan as approved by the Florida Public Service  
16 Commission. I will detail the costs for implementation for each program  
17 in that plan. I will explain the derivation of projected costs for the period  
18 April 1997 through March 1998, and explain how these costs are  
19 presented in the attached exhibit.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23

**Q. Do you have any exhibits to your testimony?**

A. Yes, my Exhibit No. \_\_\_ (MFJ-1) consists of standard form Scheudles C-1 through C-5 and is attached to my prepared testimony.

**Q. For what programs does Florida Power seek recovery?**

A. Florida Power seeks recovery pursuant to the Conservation Cost Recovery Clause for the following programs:

- Home Energy Check
- Home Energy Improvement
- Residential New Construction
- Energy Management (Residential and Commercial)
- Business Energy Check
- Better Business
- Commercial/Industrial New Construction
- Energy Monitor
- Innovation Incentive
- Standby Generation
- Interruptible Service
- Curtailable Service
- Technology Development
- Gas Demonstration
- Qualifying Facility

1 For each program listed, Florida Power Corporation is seeking to recover  
2 those costs allowed pursuant to Commission Rule 25-17.015, Florida  
3 Administrative Code.  
4

5 **Q. Will you please explain your exhibit?**

6 A. Yes. Schedule C-1 provides a summary of cost recovery clause  
7 information and calculations by retail rate schedule. Schedules C-2 and C-  
8 2a provide the monthly and total conservation program cost estimates for  
9 the time period April 1997 through March 1998 for each conservation  
10 program as well as common administration expenses (those expenses not  
11 specifically linked to an individual program). Additionally, Schedules C-2  
12 and C-2a present the program costs by specific category (i.e. payroll,  
13 materials, incentives, etc.) and include a schedule of estimated capital  
14 investments, depreciation and return for the period April 1997 through  
15 March 1998.  
16

17 Schedule C-3 contains a detailed listing of actual/estimated conservation  
18 program costs (pages 1-4) and a schedule of capital investments,  
19 depreciation and return (pages 5-8) for the period October and November,  
20 1996 (actual) and December, 1996 through March, 1997 (estimated) for  
21 each of Florida Power's programs along with the associated common  
22 administration costs. Schedule C-4 projects Energy Conservation Cost  
23 Recovery (ECCR) revenues during the April 1997 through March 1998 time  
24 period. Schedule C-5 presents a brief summary of progress and

1 expenditures for each program for which Florida Power seeks cost  
2 recovery as part of the Conservation Recovery Clause.

3  
4 Q. Would you please summarize the key results shown on your exhibit?

5 A. Yes. Schedule C-2, Page 1 of 7, Line 22, shows a total program cost of  
6 \$84,837,000 for the April 1997 through March 1998 projection period.  
7 The following table summarizes Schedule C-1, Page 1 of 4, Lines 17 - 20,  
8 showing the projected conservation cost recovery charge per 1,000  
9 kilowatt-hours by retail rate class for the time period April, 1997 through  
10 March, 1998.

11  
12 Conservation Adjustment Factors (\$/1,000 kWh)

	Secondary	Primary	Transmission
<u>Retail Rate Schedule</u>	<u>Voltage</u>	<u>Voltage</u>	<u>Voltage</u>
Residential	\$2.80	N/A	N/A
General Service Non-Demand	\$2.49	\$2.47	\$2.44
General Service 100% Load Factor	\$1.82	N/A	N/A
General Service Demand	\$2.13	\$2.11	\$2.09
Curtable	\$1.85	\$1.83	\$1.81
Interruptible	\$1.76	\$1.74	\$1.72
Lighting	\$0.89	N/A	N/A

22  
23 Q. Does this conclude your direct testimony?

24 A. Yes.



---

**SCHEDULE C-1**  
**APRIL 1997 THROUGH MARCH 1998**

---

DOCUMENT NUMBER-DATE  
00399 JAN 13 6  
FPSC-RECORDS/REPORTING

FLORIDA POWER CORPORATION  
ENERGY CONSERVATION ADJUSTMENT  
SUMMARY OF COST RECOVERY CLAUSE CALCULATIONS  
FOR THE PERIOD APRIL 1997 THROUGH MARCH 1998

FPSC DOCKET NO. 870002 EG  
FLORIDA POWER CORPORATION  
MICHAEL F. JACOB  
EXHIBIT NO. \_\_\_\_\_ (MFJ 1)  
SCHEDULE C-1  
PAGE 1 OF 4 1/10/97 7 56

RETAIL RATE SCHEDULES

LINE NO.	RESIDENTIAL	GENERAL SER. NON DEMAND	GENERAL SER. 100% L.F.	GENERAL SER. DEMAND	CURTAILABLE	INTERRUPTIBLE	LIGHTING	TOTAL
1 DEMAND ALLOCATION PERCENTAGE	60.511%	3.763%	0.101%	29.139%	0.411%	5.919%	0.157%	100.000%
2 DEMAND RELATED INCREMENTAL COSTS	\$43,677,083	\$2,715,922	\$73,254	\$21,032,420	\$296,314	\$4,272,023	\$113,021	\$72,180,037
3 DEMAND PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$2,169,943)	(\$134,931)	(\$3,639)	(\$1,044,922)	(\$14,721)	(\$212,240)	(\$5,615)	(\$3,588,012)
4 TOTAL DEMAND RELATED INCREMENTAL COSTS	\$41,507,140	\$2,580,991	\$69,615	\$19,987,498	\$281,593	\$4,059,783	\$107,406	\$68,594,025
5 ENERGY ALLOCATION PERCENTAGE	49.449%	3.882%	0.154%	36.037%	0.596%	9.211%	0.670%	100.000%
6 ENERGY RELATED INCREMENTAL COSTS	\$6,258,781	\$491,378	\$19,536	\$4,561,142	\$75,495	\$1,165,864	\$84,766	\$12,656,963
7 ENERGY PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$310,966)	(\$24,414)	(\$971)	(\$226,620)	(\$3,751)	(\$57,926)	(\$4,212)	(\$628,859)
8 TOTAL ENERGY RELATED INCREMENTAL COSTS	\$5,947,815	\$466,964	\$18,565	\$4,334,522	\$71,744	\$1,107,938	\$80,554	\$12,028,104
9 TOTAL INCREMENTAL COSTS (LINE 2 + 6)	\$49,935,864	\$3,207,300	\$92,790	\$25,593,562	\$371,809	\$5,437,887	\$197,787	\$84,837,000
10 ECCR TRUE UP (O)/U RECOVERY (LINE 3 + 7)	(\$2,480,909)	(\$159,345)	(\$4,610)	(\$1,271,542)	(\$18,472)	(\$270,166)	(\$9,827)	(\$4,214,871)
11 DECOUPLING ADJUSTMENT	(\$3,808,441)	\$0	\$0	\$0	\$0	\$0	\$0	(\$3,808,441)
12 TOTAL (LINE 9 + 10 + 11)	\$43,646,514	\$3,047,955	\$88,180	\$24,322,020	\$353,337	\$5,167,721	\$187,960	\$76,813,688
13 RETAIL SALES MWH(@ EFFECTIVE VOLTAGE LEVEL SEE P. 4)	15,596,041	1,224,367	48,458	11,397,983	191,469	2,945,131	211,455	
14 COST PER 1,000 KWH - ENERGY & DEMAND (LINE 12/13)	\$2.7988	\$2.4894	\$1.8197	\$2.1339	\$1.8454	\$1.7547	\$0.8889	
15 REVENUE TAX EXPANSION FACTOR	1.0002415	1.0002415	1.0002415	1.0002415	1.0002415	1.0002415	1.0002415	
16 ADJUSTMENT FACTOR ADJUSTED FOR TAXES	\$2.7992	\$2.4900	\$1.8202	\$2.1344	\$1.8458	\$1.7551	\$0.8891	
17 CONSERVATION ADJUSTMENT FACTOR \$/1,000 KWH								
18 @ SECONDARY VOLTAGE	\$2.80	\$2.49	\$1.82	\$2.13	\$1.85	\$1.76	\$0.89	
19 @ PRIMARY VOLTAGE (1% REDUCTION FACTOR)	N/A	\$2.47	N/A	\$2.11	\$1.83	\$1.74	N/A	
20 @ TRANSMISSION VOLTAGE (2% REDUCTION FACTOR)	N/A	\$2.44	N/A	\$2.09	\$1.81	\$1.72	N/A	

## CALCULATION OF AVERAGE 12 CP AND ANNUAL AVERAGE DEMAND

FOR THE PERIOD APRIL 1997 THROUGH MARCH 1998

FPSC DOCKET NO. 970002 FG  
 FLORIDA POWER CORPORATION  
 MICHAEL F. JACOB  
 EXHIBIT NO. \_\_\_\_\_ (MFJ 1)  
 SCHEDULE C 1  
 PAGE 2 OF 4 1/10/97 7:58

RATE CLASS	(1) MWH SALES @ METER LEVEL	(2) 12 CP LOAD FACTOR	(3) 12 CP MW @ METER LEVEL (1)/8760hrs(2)	(4) DELIVERY EFFICIENCY FACTOR	(5) AVERAGE CP MW @ SOURCE LEVEL (3)/(4)	(6) MWH SALES @ METER LEVEL	(7) DELIVERY EFFICIENCY FACTOR	(8) SOURCE LEVEL MWH (6)/(7)	(9) ANNUAL AVERAGE DEMAND (8)/8760hrs
I. RESIDENTIAL SERVICE	15,596,041	0.615	3,457.0	0.9419021	3,670.2	15,596,041	0.9419021	16,558,028	1,890.2
II. GENERAL SERVICE NON-DEMAND									
TRANSMISSION	0	0.662	0.0	0.9750000	0.0	0	0.9750000	0	0.0
PRIMARY	8,898	0.662	1.2	0.9650000	1.2	8,898	0.9650000	7,148	0.8
SECONDARY	1,217,538	0.662	210.0	0.9419021	223.0	1,217,538	0.9419021	1,292,638	147.6
TOTAL	1,224,436		211.2		224.2	1,224,436			148.4
III. GS - 100% L.F.	48,458	1.000	5.5	0.9419021	5.8	48,458	0.9419021	51,447	5.9
IV. GENERAL SERVICE DEMAND									
GSD-1 - TRANSMISSION	10,103	0.807	1.4	0.9750000	1.4	10,103	0.9750000	10,362	1.2
SS-1 - TRANSMISSION	8,814	1.218	0.8	0.9750000	0.8	8,814	0.9750000	9,040	1.0
SUBTOTAL - TRANSMISSION	18,917		2.2	0.9750000	2.3	18,917	0.9750000	19,402	2.2
GSD - PRIMARY	2,310,281	0.807	326.8	0.9650000	338.7	2,310,281	0.9650000	2,394,074	273.3
SS-1 - PRIMARY	0	1.218	0.0	0.9650000	0.0	0	0.9650000	0	0.0
SUBTOTAL - PRIMARY	2,310,281		326.8	0.9650000	338.7	2,310,281	0.9650000	2,394,074	273.3
GSD - SECONDARY	9,082,266	0.807	1,288.2	0.9419021	1,365.5	9,082,266	0.9419021	9,653,090	1,102.0
TOTAL	11,421,463		1,615.2		1,706.5	11,421,464			1,377.5
V. CURTAILABLE SERVICE									
CS - PRIMARY	190,239	0.968	22.5	0.9650000	23.3	190,239	0.9650000	197,139	22.5
SS3 - PRIMARY	335	1.039	0.0	0.9650000	0.0	335	0.9650000	347	0.0
SUBTOTAL - PRIMARY	190,574		22.5	0.9650000	23.3	190,574	0.9650000	197,486	22.5
CS - SECONDARY	2,801	0.968	0.3	0.9419021	0.3	2,801	0.9419021	2,974	0.3
TOTAL	193,375		22.8		23.6	193,375			22.8
VI. INTERRUPTIBLE SERVICE									
IS - TRANSMISSION	689,043	1.044	75.3	0.9750000	77.2	689,043	0.9750000	706,711	80.7
SS-2 - TRANSMISSION	125,352	1.044	13.7	0.9750000	14.1	125,352	0.9750000	128,586	14.7
SUBTOTAL - TRANSMISSION	814,395		89.0	0.9750000	91.3	814,395	0.9750000	835,277	95.4
IS - PRIMARY	2,046,340	1.044	223.8	0.9650000	231.9	2,046,340	0.9650000	2,120,580	242.1
SS-2 - PRIMARY	49,731	1.044	5.4	0.9650000	5.6	49,731	0.9650000	51,535	5.9
SUBTOTAL - PRIMARY	2,096,071		229.2	0.9650000	237.5	2,096,071	0.9650000	2,172,094	248.0
SECONDARY	71,913	1.044	7.9	0.9419021	8.4	71,913	0.9419021	76,349	8.7
TOTAL	2,882,378		326.1		337.2	2,882,379			352.1
VII. LIGHTING SERVICE	211,455	3.779	6.4	0.9419021	6.8	211,455	0.9419021	224,498	25.6
TOTAL RETAIL	31,677,606				5,974.3	31,677,608		33,484,604	3,822.5

CALCULATION OF DEMAND AND ENERGY ALLOCATORS  
 FOR THE PERIOD APRIL 1997 THROUGH MARCH 1998

RATE CLASS	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	MW	AVERAGE 12 CP DEMAND %	ANNUAL AVERAGE DEMAND MW	%	12/13 OF 12 CP 12/13 * (2)	1/13 OF AVG DEMAND 1/13 * (4)	DEMAND ALLOCATOR (5) + (6)
I. RESIDENTIAL SERVICE	3,670.2	61.433%	1,890.2	49.449%	56.708%	3.804%	60.511%
II. GENERAL SERVICE NON-DEMAND							
TRANSMISSION	0.0	0.000%	0.0	0.000%	0.000%	0.000%	0.000%
PRIMARY	1.2	0.020%	0.8	0.021%	0.019%	0.002%	0.020%
SECONDARY	223.0	3.733%	147.6	3.881%	3.446%	0.297%	3.743%
TOTAL	224.2	3.753%	148.4	3.882%	3.464%	0.299%	3.763%
III. GS - 100% L.F.	5.8	0.097%	5.9	0.154%	0.090%	0.012%	0.101%
IV. GENERAL SERVICE DEMAND							
TRANSMISSION	2.3	0.038%	2.2	0.058%	0.036%	0.004%	0.040%
PRIMARY	338.7	5.669%	273.3	7.150%	5.233%	0.550%	5.783%
SECONDARY	1,365.5	22.856%	1,102.0	28.829%	21.098%	2.218%	23.316%
TOTAL	1,706.5	28.564%	1,377.5	36.037%	26.367%	2.772%	29.139%
V. CURTAILABLE SERVICE							
PRIMARY	23.3	0.390%	22.5	0.589%	0.360%	0.045%	0.405%
SECONDARY	0.3	0.005%	0.3	0.008%	0.005%	0.001%	0.005%
TOTAL	23.6	0.395%	22.8	0.596%	0.365%	0.046%	0.411%
VI. INTERRUPTIBLE SERVICE							
TRANSMISSION	91.3	1.528%	85.4	2.496%	1.411%	0.192%	1.603%
PRIMARY	237.5	3.975%	248.0	6.488%	3.670%	0.499%	4.169%
SECONDARY	8.4	0.141%	8.7	0.228%	0.130%	0.018%	0.147%
TOTAL	337.2	5.644%	352.1	9.211%	5.210%	0.709%	5.919%
VII. LIGHTING SERVICE	6.8	0.114%	25.6	0.670%	0.105%	0.052%	0.157%
TOTAL RETAIL	5,974.3	100.000%	3,822.5	100.000%	92.308%	7.692%	100.000%

PROJECTED MWH SALES  
 AT EFFECTIVE VOLTAGE LEVEL  
 FOR THE PERIOD APRIL 1997 THROUGH MARCH 1998

RATE CLASS	(1) MWH SALES @ METER LEVEL	(2) VOLTAGE ADJUSTMENT	(3) MWH SALES @ EFFECTIVE LEVEL
I. RESIDENTIAL SERVICE	15,598,041	100%	15,598,041
II. GENERAL SERVICE NON-DEMAND			
TRANSMISSION	0	98%	0
PRIMARY	6,898	99%	6,829
SECONDARY	1,217,538	100%	1,217,538
TOTAL	1,224,436		1,224,367
III. GS - 100% L.F.	48,458	100%	48,458
IV. GENERAL SERVICE DEMAND			
SS-1/GSD - TRANSMISSION	18,917	98%	18,539
GSD - PRIMARY	2,310,281	99%	2,287,178
SS-1 - PRIMARY	0	99%	0
SUBTOTAL - PRIMARY	2,310,281		2,287,178
GSD - SECONDARY	9,092,268	100%	9,092,268
TOTAL	11,421,463		11,397,963
V. CURTAILABLE SERVICE			
PRIMARY	190,574	99%	188,668
SECONDARY	2,801	100%	2,801
TOTAL	193,375		191,469
VI. INTERRUPTIBLE SERVICE			
IS - TRANSMISSION	689,043	98%	675,262
SS-2 - TRANSMISSION	125,352	98%	122,845
SUBTOTAL - TRANSMISSION	814,395		798,107
IS - PRIMARY	2,046,340	99%	2,025,877
SS-2 - PRIMARY	49,731	99%	49,234
SUBTOTAL - PRIMARY	2,096,071		2,075,111
IS-1 - SECONDARY	71,913	100%	71,913
TOTAL	2,982,378		2,945,131
VII. LIGHTING SERVICE	211,455	100%	211,455
TOTAL RETAIL	31,677,608		31,614,904



---

**SCHEDULE C-2**  
**APRIL 1997 THROUGH MARCH 1998**

---

FLORIDA POWER CORPORATION

ESTIMATED CONSERVATION PROGRAM COSTS  
 FOR THE PERIOD APRIL 1997 THROUGH MARCH 1998

LINE NO	PROGRAM TITLE Demand (D) or Energy (E)	APR 97	OCT 97	12 MONTH TOTAL
		To SEP 97 Sch C-2 p2	To MAR 98 Sch C-2a p1	
1	BETTER BUSINESS-908.15 (E)	\$593,821	\$591,204	\$1,185,025
2	ENERGY MONITOR-908.16 (E)	100,628	94,422	195,050
3	GAS DEMONSTRATION-908.17 (E)	100,678	6,154	106,832
4	RES NEW CONSTRUCT-908.22 (E)	665,810	667,863	1,333,673
5	HOME ENRGY IMPROVE-908.23 (E)	1,054,655	1,061,441	2,116,096
6	C/I NEW CONSTRUCTION-908.24 (E)	207,685	210,308	417,993
7	HOME ENRGY CHECK-908.25 (E)	971,898	989,584	1,961,482
8	BUS ENRGY CHECK-908.26 (E)	231,310	234,581	465,891
9	CONSERV PROG ADMIN-908.35 (E)	1,791,758	1,615,762	3,407,520
10	CONSERV PROG ADMIN-908.35 (D)	152,372	137,403	289,775
11	QUALIFYING FACILITY-908.42 (E)	249,186	250,599	499,785
12	INNOVATION INCENTIVE-908.60 (E)	169,133	169,303	338,436
13	TECHNOLOGY DEVELOPMENT-908.65 (E)	348,536	280,644	629,180
14	STANDBY GENERATION-908.69 (D)	353,623	354,350	707,973
15	INTERRUPTIBLE SERVICE-908.70 (D)	11,175,073	11,189,506	22,364,579
16	CURTAINABLE SERVICE-908.72 (D)	369,104	368,649	737,753
17	ENERGY MANAGEMENT ADMIN-908.75 (D)	20,285,395	20,577,302	40,862,697
18	ENERGY MANAGEMENT SERVICES-908.76(D)	3,658,683	3,161,936	6,820,619
19	COMM ENERGY MNGMT-ADMIN-908.85(D)	153,842	153,522	307,364
20	COMM ENERGY MNGMT-ADMIN-908.86(D)	44,546	44,831	89,377
21				
22				
23	NET PROGRAM COSTS	<u>\$42,677,636</u>	<u>\$42,159,384</u>	<u>\$84,837,000</u>

Summary of Demand & Energy:	Prior Period		Total Costs with True-up			
	True - up Sch C-3 p11					
34	ENERGY	\$6,485,098	6,171,895	\$12,656,993	(\$628,850)	\$12,028,144
35						
36	DEMAND	36,192,538	35,987,499	72,180,037	(3,586,012)	68,594,024
37						
38	TOTAL INCREMENTAL COSTS	<u>\$42,677,636</u>	<u>\$42,159,384</u>	<u>\$84,837,000</u>	<u>(\$4,214,871)</u>	<u>\$80,622,129</u>

FLORIDA POWER CORPORATION  
 ESTIMATED CONSERVATION PROGRAM COSTS  
 FOR THE PERIOD APRIL 1997 THROUGH SEPTEMBER 1997

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	ESTIMATED						TOTAL
		1996 APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	
1	BETTER BUSINESS-908.15 (E)	\$98,547	\$103,078	\$97,542	\$98,076	\$98,856	\$97,722	\$593,821
2	ENERGY MONITOR-908.16 (E)	9,223	23,032	19,502	8,931	20,329	19,611	100,628
3	GAS DEMONSTRATION-908.17 (E)	883	58,013	40,877	1,117	909	879	100,678
4	RES NEW CONSTRUCT-908.22 (E)	110,032	115,522	109,726	109,435	111,200	109,895	685,810
5	HOME ENRGY IMPROVE-908.23 (E)	174,474	182,108	174,040	173,651	176,112	174,270	1,054,655
6	C/I NEW CONTRUCTION-908.24 (E)	34,352	37,904	33,414	33,984	34,467	33,564	207,685
7	HOME ENRGY CHECK-908.25 (E)	158,425	181,133	157,072	155,863	162,755	156,650	971,898
8	BUS ENRGY CHECK-908.28 (E)	41,183	41,617	29,320	35,343	50,321	33,526	231,310
9	CONSERV PROG ADMIN-908.35 (E)	275,975	286,493	258,685	294,923	299,784	397,898	1,791,758
10	CONSERV PROG ADMIN-908.35 (D)	22,785	21,785	20,769	25,019	25,610	36,424	152,372
11	QUALIFYING FACILITY-908.42 (E)	40,271	47,634	39,852	39,465	41,883	40,081	249,188
12	INNOVATION INCENTIVE-908.60 (E)	28,159	28,334	28,150	28,142	28,195	28,153	169,133
13	TECHNOLOGY DEVELOPMENT-908.65 (E)	53,048	70,083	63,058	52,947	62,770	46,852	348,538
14	STANDBY GENERATION-908.69 (D)	58,784	60,044	58,598	58,631	58,949	58,639	353,623
15	INTERRUPTIBLE SERVICE-908.70 (D)	1,863,716	1,863,552	1,861,220	1,863,520	1,861,772	1,861,293	11,175,073
16	CURTAILABLE SERVICE-908.72 (D)	61,591	61,913	61,298	61,543	61,441	61,318	369,104
17	ENERGY MANAGEMENT ADMIN-908.75 (D)	3,421,131	3,301,794	3,425,663	3,432,231	3,388,809	3,315,767	20,285,395
18	ENERGY MANAGEMENT SERVICES-908.76(D)	641,619	642,213	613,815	598,986	590,828	571,222	3,658,683
19	COMM ENERGY MNGMT-ADMIN-908.85(D)	25,505	26,111	25,469	25,435	25,835	25,487	153,642
20	COMM ENERGY MNGMT-ADMIN-908.86(D)	7,441	7,441	7,441	7,441	7,441	7,441	44,646
21								
22								
23	NET PROGRAM COSTS	\$7,127,104	\$7,137,784	\$7,123,507	\$7,104,683	\$7,108,066	\$7,076,492	42,677,636
24								
25	ADJUSTMENTS							0
26								
27	TOTAL INCREMENTAL COSTS							\$42,677,636
28								
29	<u>Summary of Demand &amp; Energy:</u>							
30								
31								
32	ENERGY	\$1,024,572	\$1,152,931	\$1,049,238	\$1,031,877	\$1,067,581	\$1,138,901	\$5,485,098
33								
34	DEMAND	6,102,532	5,984,853	6,074,271	6,072,806	6,020,485	5,937,591	36,192,538
35								
36	TOTAL INCREMENTAL COSTS	\$7,127,104	\$7,137,784	\$7,123,507	\$7,104,683	\$7,108,066	\$7,076,492	\$42,677,636



FLORIDA POWER CORPORATION  
 ESTIMATED CONSERVATION PROGRAM COSTS  
 FOR THE PERIOD APRIL 1997 THROUGH SEPTEMBER 1997

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	DEPRECIATION								PROGRAM REVENUES (CREDITS)	TOTAL
		MORTGAGE & RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER		
1	BETTER BUSINESS-908.15 (E)	\$30	\$121,093	\$0	\$0	\$44,988	\$425,904	\$1,152	\$654	\$0	\$593,821
2	ENERGY MONITOR-908.16 (E)	0	77,554	7,100	39,996	4,998	0	0	1,980	(31,000)	100,628
3	GAS DEMONSTRATION-908.17 (E)	0	2,998	75,246	20,246	0	0	378	1,810	0	100,678
4	RES NEW CONSTRUCT-908.22 (E)	0	126,290	192	5,718	74,994	435,000	9,654	13,962	0	665,810
5	HOME ENRGY IMPROVE-908.23 (E)	691	179,554	252	11,838	224,976	618,744	8,730	9,870	0	1,054,655
6	CA NEW CONSTRUCTION-908.24 (E)	0	98,101	0	0	4,998	103,572	582	432	0	207,685
7	HOME ENRGY CHECK-908.25 (E)	10,747	533,993	6,888	267,492	61,236	0	37,926	53,616	0	971,898
8	BUS ENRGY CHECK-908.28 (E)	425	173,703	6,200	16,800	9,996	5,000	8,910	14,276	(4,000)	231,310
9	CONSERV PROG ADMIN-908.35 (E)	401,510	321,675	26,543	327,427	0	5,067	38,448	671,089	0	1,791,758
10	CONSERV PROG ADMIN-908.35 (D)	0	35,255	2,909	35,887	0	555	4,214	73,551	0	152,372
11	QUALIFYING FACILITY-908.42 (E)	1,035	172,317	0	24,996	0	0	1,794	49,044	0	249,186
12	INNOVATION INCENTIVE-908.60 (E)	0	4,139	0	0	4,998	159,996	0	0	0	169,133
13	TECHNOLOGY DEVELOPMENT-908.65 (E)	0	18,289	100,966	193,966	0	28,125	1,896	5,254	0	348,536
14	STANDBY GENERATION-908.69 (D)	0	31,741	5,922	16,098	0	298,800	918	144	0	353,623
15	INTERRUPTIBLE SERVICE-908.70 (D)	0	51,088	4,170	0	0	11,118,951	864	0	0	11,175,073
16	CURTAILABLE SERVICE-908.72 (D)	0	13,446	286	0	0	355,372	0	0	0	369,104
17	ENERGY MANAGEMENT ADMIN-908.75 (D)	1,096,780	459,768	20,236	65,158	266,490	18,056,947	10,938	309,078	0	20,285,395
18	ENERGY MANAGEMENT SERVICES-908.76(D)	2,797,915	313,178	46,476	490,572	0	0	20,040	11,502	0	3,658,683
19	COMM ENERGY MINGMT-ADMIN-908.85(D)	0	13,872	0	0	0	138,000	1,770	0	0	153,642
20	COMM ENERGY MINGMT-ADMIN-908.88(D)	0	0	3,648	40,998	0	0	0	0	0	44,646
21											
22											
23	NET PROGRAM COSTS	\$4,309,133	\$2,748,054	\$307,054	\$1,527,212	\$697,674	\$31,750,033	\$157,214	\$1,216,262	(\$35,000)	\$42,677,636
24											
25	ADJUSTMENTS										0
26											
27	TOTAL INCREMENTAL COSTS:										\$42,677,636
28											
29	Summary of Demand & Energy										
30	ENERGY	\$414,438	\$1,829,706	\$227,055	\$949,497	\$431,184	\$1,781,408	\$109,470	\$821,987	(\$35,000)	\$6,529,744
31	DEMAND	3894695	918348.462	79999.0967	577715.037	266490	29968625.31	47743.90338	394275.193	0	36,147,892
32											
33	TOTAL INCREMENTAL COSTS	\$4,309,133	\$2,748,054	\$307,054	\$1,527,212	\$697,674	\$31,750,033	\$157,214	\$1,216,262	(\$35,000)	\$42,677,636

SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS  
DEPRECIATION & RETURN  
FOR THE PERIOD APRIL 1997 THROUGH SEPTEMBER 1997

FPSC DOCKET NO 970002-EG  
FLORIDA POWER CORPORATION  
WITNESS M F JACOB  
EXHIBIT NO .  
MFJ - 1  
SCHEDULE C-2  
PAGE 4 OF 7  
JANUARY 13 1997

LINE NO	1996							TOTAL
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER		
BETTER BUSINESS-908 15 (E)								
1	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	RETIREMENTS	0	0	0	0	0	0	0
3	DEPRECIATION BASE	322	322	322	322	322	322	
4								
5	DEPRECIATION EXPENSE	5	5	5	5	5	5	30
6								
7	CUMULATIVE INVESTMENT	322	322	322	322	322	322	322
8	LESS ACC DEPRECIATION	223	228	233	238	243	248	248
9	NET INVESTMENT	99	94	89	84	79	74	74
10	AVERAGE INVESTMENT	102	97	92	87	82	77	
11	RETURN ON AVERAGE INVESTMENT	0	0	0	0	0	0	0
12								
13	RETURN REQUIREMENTS	0	0	0	0	0	0	0
14								
15	PROGRAM TOTAL	\$5	\$5	\$5	\$5	\$5	\$5	\$30
16								
HOME ENRGY IMPROVE-908 23 (E)								
18	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	RETIREMENTS	0	0	0	0	0	0	0
20	DEPRECIATION BASE	6,346	6,346	6,346	6,346	6,346	6,346	
21								
22	DEPRECIATION EXPENSE	106	106	106	106	106	106	636
23								
24	CUMULATIVE INVESTMENT	6,346	6,346	6,346	6,346	6,346	6,346	6,346
25	LESS ACC DEPRECIATION	5,231	5,337	5,443	5,549	5,655	5,761	5,761
26	NET INVESTMENT	1,115	1,009	903	797	691	585	585
27	AVERAGE INVESTMENT	1,168	1,062	956	850	744	638	
28	RETURN ON AVERAGE INVESTMENT	8	8	7	6	5	5	39
29								
30	RETURN REQUIREMENTS	11	11	10	9	7	7	55
31								
32	PROGRAM TOTAL	\$117	\$117	\$116	\$115	\$113	\$113	\$601
33								
HOME ENRGY CHECK-908 25 (E)								
35	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	RETIREMENTS	0	0	0	0	65,207	0	65,207
37	DEPRECIATION BASE	113,028	113,028	113,028	113,028	80,425	47,821	
38								
39	DEPRECIATION EXPENSE	1,884	1,884	1,884	1,884	1,341	797	9,674
40								
41	CUMULATIVE INVESTMENT	113,028	113,028	113,028	113,028	47,821	47,821	47,821
42	LESS ACC DEPRECIATION	90,903	92,787	94,671	96,555	32,689	33,486	33,486
43	NET INVESTMENT	22,125	20,241	18,357	16,473	15,132	14,335	14,335
44	AVERAGE INVESTMENT	23,067	21,183	19,299	17,415	15,803	14,734	
45	RETURN ON AVERAGE INVESTMENT	180	147	134	121	110	103	775
46								
47	RETURN REQUIREMENTS	222	204	185	167	152	143	1,073
48								
49	PROGRAM TOTAL	\$2,108	\$2,088	\$2,069	\$2,051	\$1,493	\$940	\$10,747
50								
BUS ENRGY CHECK-908 28 (E)								
52	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
53	RETIREMENTS	0	0	0	2,152	0	0	2,152
54	DEPRECIATION BASE	4,953	4,953	4,953	3,877	2,801	2,801	
55								
56	DEPRECIATION EXPENSE	83	83	83	65	47	47	408
57								
58	CUMULATIVE INVESTMENT	4,953	4,953	4,953	2,801	2,801	2,801	2,801
59	LESS ACC DEPRECIATION	4,536	4,619	4,702	2,616	2,662	2,709	2,709
60	NET INVESTMENT	417	334	251	186	139	92	92
61	AVERAGE INVESTMENT	459	376	293	219	163	116	
62	RETURN ON AVERAGE INVESTMENT	3	3	3	2	1	0	12
63								
64	RETURN REQUIREMENTS	4	4	4	3	2	0	17
65								
66	PROGRAM TOTAL	\$87	\$87	\$87	\$68	\$49	\$47	\$425

SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS,  
DEPRECIATION, & RETURN  
FOR THE PERIOD APRIL 1997 THROUGH SEPTEMBER 1997

FPSC DOCKET NO 970002-EG  
FLORIDA POWER CORPORATION  
WITNESS M F JACOB  
EXHIBIT NO -  
MFJ - 1  
SCHEDULE C-2  
PAGE 5 OF 7  
JANUARY 13, 1997

LINE NO	1996						TOTAL
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	
CONSERV PROG ADMIN-908.35 (E)							
1	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0
2	RETIREMENTS	0	0	0	0	0	0
3	DEPRECIATION BASE	3,347,003	3,347,003	3,347,003	3,347,003	3,347,003	3,347,003
4							
5	DEPRECIATION EXPENSE	55,795	55,795	55,795	55,795	55,795	334,770
6							
7	CUMULATIVE INVESTMENT	3,347,003	3,347,003	3,347,003	3,347,003	3,347,003	3,347,003
8	LESS: ACC. DEPRECIATION	2,083,319	2,139,114	2,194,909	2,250,704	2,306,499	2,362,294
9	NET INVESTMENT	1,263,684	1,207,889	1,152,094	1,096,299	1,040,504	984,709
10	AVERAGE INVESTMENT	1,291,582	1,235,787	1,179,992	1,124,197	1,068,402	1,012,607
11	RETURN ON AVERAGE INVESTMENT	9,009	8,620	8,231	7,842	7,453	48,217
12							
13	RETURN REQUIREMENTS	12,470	11,931	11,393	10,855	10,316	66,740
14							
15	PROGRAM TOTAL	\$68,265	\$67,726	\$67,188	\$66,650	\$66,111	\$401,510
16							
17							
QUALIFYING FACILITY-908.42 (E)							
19	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0
20	RETIREMENTS	0	0	0	0	0	0
21	DEPRECIATION BASE	6,960	6,960	6,960	6,960	6,960	6,960
22							
23	DEPRECIATION EXPENSE	116	116	116	116	116	696
24							
25	CUMULATIVE INVESTMENT	6,960	6,960	6,960	6,960	6,960	6,960
26	LESS: ACC. DEPRECIATION	870	986	1,102	1,218	1,334	1,450
27	NET INVESTMENT	6,090	5,974	5,858	5,742	5,626	5,510
28	AVERAGE INVESTMENT	6,148	6,032	5,916	5,800	5,684	5,568
29	RETURN ON AVERAGE INVESTMENT	43	42	41	41	39	245
30							
31	RETURN REQUIREMENTS	59	58	57	57	54	339
32							
33	PROGRAM TOTAL	\$175	\$174	\$173	\$173	\$170	\$1,035
34							
ENERGY MANAGEMENT ADMIN-908.75 (D)							
36	INVESTMENT	107,850	105,850	55,850	8,850	5,850	290,100
37	RETIREMENTS	-	-	-	2,130	-	2,163,657
38	DEPRECIATION BASE	8,970,928	9,077,778	9,158,628	9,189,913	9,196,198	8,121,285
39							
40	DEPRECIATION EXPENSE	149,545	151,327	152,874	153,196	153,301	895,425
41							
42	CUMULATIVE INVESTMENT	9,024,853	9,130,703	9,186,553	9,193,273	9,199,123	7,043,446
43	LESS: ACC. DEPRECIATION	5,353,914	5,505,241	5,657,915	5,808,981	5,962,282	3,936,137
44	NET INVESTMENT	3,670,939	3,625,462	3,528,638	3,384,292	3,236,841	3,107,309
45	AVERAGE INVESTMENT	3,691,787	3,648,201	3,577,050	3,456,485	3,310,567	3,172,075
46	RETURN ON AVERAGE INVESTMENT	25,750	25,446	24,950	24,109	23,091	145,471
47							
48	RETURN REQUIREMENTS	35,642	35,221	34,535	33,371	31,962	201,355
49							
50	PROGRAM TOTAL	\$185,187	\$186,546	\$187,209	\$186,567	\$185,263	\$1,096,780

SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS  
 DEPRECIATION & RETURN  
 FOR THE PERIOD APRIL 1997 THROUGH SEPTEMBER 1997

LINE NO	1996							TOTAL
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER		
	UNUSED							
1	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	RETIREMENTS	0	0	0	0	0	0	0
3	DEPRECIATION BASE	0	0	0	0	0	0	0
4		<hr/>						
5	DEPRECIATION EXPENSE	0	0	0	0	0	0	0
6		<hr/>						
7	CUMULATIVE INVESTMENT	0	0	0	0	0	0	0
8	LESS ACC DEPRECIATION	0	0	0	0	0	0	0
9	NET INVESTMENT	0	0	0	0	0	0	0
10	AVERAGE INVESTMENT	0	0	0	0	0	0	0
11	RETURN ON AVERAGE INVESTMENT	0	0	0	0	0	0	0
12		<hr/>						
13	RETURN REQUIREMENTS	0	0	0	0	0	0	0
14		<hr/>						
15	PROGRAM TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16		<hr/>						
17	UNUSED							
18	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	RETIREMENTS	0	0	0	0	0	0	0
20	DEPRECIATION BASE	0	0	0	0	0	0	0
21		<hr/>						
22	DEPRECIATION EXPENSE	0	0	0	0	0	0	0
23		<hr/>						
24	CUMULATIVE INVESTMENT	0	0	0	0	0	0	0
25	LESS ACC DEPRECIATION	0	0	0	0	0	0	0
26	NET INVESTMENT	0	0	0	0	0	0	0
27	AVERAGE INVESTMENT	0	0	0	0	0	0	0
28	RETURN ON AVERAGE INVESTMENT	0	0	0	0	0	0	0
29		<hr/>						
30	RETURN REQUIREMENTS	0	0	0	0	0	0	0
31		<hr/>						
32	PROGRAM TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33		<hr/>						
34	UNUSED							
35	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	RETIREMENTS	0	0	0	0	0	0	0
37	DEPRECIATION BASE	0	0	0	0	0	0	0
38		<hr/>						
39	DEPRECIATION EXPENSE	0	0	0	0	0	0	0
40		<hr/>						
41	CUMULATIVE INVESTMENT	0	0	0	0	0	0	0
42	LESS ACC DEPRECIATION	0	0	0	0	0	0	0
43	NET INVESTMENT	0	0	0	0	0	0	0
44	AVERAGE INVESTMENT	0	0	0	0	0	0	0
45	RETURN ON AVERAGE INVESTMENT	0	0	0	0	0	0	0
46		<hr/>						
47	RETURN REQUIREMENTS	0	0	0	0	0	0	0
48		<hr/>						
49	PROGRAM TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50		<hr/>						
53	TOTAL DEPRECIATION AND RETURN	\$255,842	\$268,745	\$258,847	\$255,629	\$253,204	\$232,861	\$1,611,216
54		<hr/>						
55		<hr/>						
56		<hr/>						
57		<hr/>						
58	<i>Summary of Demand &amp; Energy</i>							
59		<hr/>						
60		<hr/>						
61	ENERGY	\$70,765	\$70,197	\$69,638	\$69,062	\$67,941	\$66,845	\$414,438
62		<hr/>						
63	DEMAND	665,638	674,121	660,616	645,831	632,073	598,416	3,894,695
64		<hr/>						
65	TOTAL DEPRECIATION AND RETURN	\$766,393	\$744,318	\$730,264	\$714,893	\$700,014	\$663,261	\$4,309,133

FLORIDA POWER CORPORATION  
 SCHEDULE OF ESTIMATED INVESTMENT,  
 AMORTIZATION & RETURN ON LOAD CONTROL EQUIPMENT  
 FOR THE PERIOD APRIL 1997 THROUGH SEPTEMBER 1997

LINE NO	1996						TOTAL	
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER		
ENERGY MANAGEMENT SERVICES-006.76(D)								
1	LOAD CONTROL RECEIVERS, SWITCHES, AND HARDWARE-INVESTMENT	\$261,508	\$261,508	\$261,508	\$261,508	\$261,508	\$261,508	\$1,569,048
2	RETIREMENTS	1,112,479	777,428	1,280,979	789,781	1,092,216	1,278,698	6,331,561
3	AMORTIZATION BASE	25,254,050	24,570,604	23,802,909	23,029,047	22,349,566	21,425,617	
4	AMORTIZATION EXPENSE	420,985	409,592	396,794	383,894	372,567	357,165	2,340,997
5	CUMULATIVE INVESTMENT	24,828,564	24,312,644	23,293,173	22,764,920	21,934,212	20,917,022	20,917,022
6	LESS: ACC. AMORTIZATION	16,677,318	16,309,482	15,425,297	15,019,430	14,299,781	13,378,248	13,378,248
7	NET INVESTMENT	8,151,246	8,003,162	7,867,876	7,745,490	7,634,431	7,538,774	7,538,774
8	AVERAGE INVESTMENT	8,230,985	8,077,204	7,935,519	7,808,683	7,689,961	7,586,903	
9	RETURN ON AVERAGE INVESTMENT	57,411	56,338	55,350	54,452	53,638	52,917	330,106
10	RETURN REQUIREMENTS	79,466	77,981	76,613	75,370	74,243	73,245	456,916
11	PROGRAM TOTAL	\$500,451	\$487,573	\$473,407	\$459,264	\$446,810	\$430,410	\$2,797,915
12								
13								
14								
15								
16								
17								

NOTE: DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .01667 OR 20% ANNUALLY. RETURN ON AVERAGE INVESTMENT IS CALCULATED USING A MONTHLY RATE OF .006975 (8.37% ANNUALLY, AUTHORIZED BY THE FPSC IN DOCKET NO. 910890-EI). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575

---

**SCHEDULE C-2A**  
**OCTOBER 1997 THROUGH MARCH 1998**

---



FLORIDA POWER CORPORATION  
 ESTIMATED CONSERVATION PROGRAM COSTS  
 FOR THE PERIOD OCTOBER 1997 THROUGH MARCH 1998

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	ESTIMATED						TOTAL
		1996 OCTOBER	NOVEMBER	DECEMBER	1997 JANURY	FEBRUARY	MARCH	
1	BETTER BUSINESS-908.15 (E)	\$103,591	\$97,550	\$97,548	\$97,505	\$97,505	\$97,505	\$591,204
2	ENERGY MONITOR-908.16 (E)	12,442	19,502	3,978	19,500	19,500	19,500	94,422
3	GAS DEMONSTRATION-908.17 (E)	1,011	875	968	1,100	1,100	1,100	6,154
4	RES NEW CONSTRUCT-908.22 (E)	115,329	109,772	109,822	110,980	110,980	110,980	667,863
5	HOME ENRGY IMPROVE-908.23 (E)	181,852	174,104	174,228	177,060	177,085	177,112	1,061,441
6	C/I NEW CONSTRUCTION-908.24 (E)	38,442	33,418	33,385	35,021	35,021	35,021	210,308
7	HOME ENRGY CHECK-908.25 (E)	179,184	156,115	155,720	166,192	166,186	166,185	989,584
8	BUS ENRGY CHECK-908.28 (E)	43,527	33,330	34,424	41,100	41,100	41,100	234,581
9	CONSERV PROG ADMIN-908.35 (E)	264,357	338,199	253,526	253,765	253,227	252,688	1,615,762
10	CONSERV PROG ADMIN-908.35 (D)	22,201	30,485	21,114	21,201	21,201	21,201	137,403
11	QUALIFYING FACILITY-908.42 (E)	47,370	39,911	39,825	41,166	41,164	41,163	250,599
12	INNOVATION INCENTIVE-908.60 (E)	28,329	28,151	28,178	28,215	28,215	28,215	169,303
13	TECHNOLOGY DEVELOPMENT-908.65 (E)	47,217	46,377	46,575	46,825	46,825	46,825	280,644
14	STANDBY GENERATION-908.69 (D)	60,093	58,601	58,641	59,005	59,005	59,005	354,350
15	INTERRUPTIBLE SERVICE-908.70 (D)	1,865,844	1,861,223	1,861,229	1,867,070	1,867,070	1,867,070	11,189,506
16	CURTAILABLE SERVICE-908.72 (D)	62,153	61,296	61,300	61,300	61,300	61,300	368,649
17	ENERGY MANAGEMENT ADMIN-908.75 (D)	3,352,341	3,365,996	3,455,054	3,469,950	3,469,291	3,464,670	20,577,302
18	ENERGY MANAGEMENT SERVICES-908.76 (	565,412	536,154	525,640	522,303	511,881	500,546	3,161,936
19	COM ENERGY MANGMNT ADMIN-908.85 (D)	26,092	25,476	25,454	25,500	25,500	25,500	153,522
20	COM ENERGY MANGMNT SVC-908.86 (D)	7,441	7,441	7,449	7,500	7,500	7,500	44,831
21								
22								
23	NET PROGRAM COSTS	\$7,024,228	\$7,023,976	\$6,994,058	\$7,052,258	\$7,040,658	\$7,024,186	42,159,364
24								
25	ADJUSTMENTS							0
26								
27	TOTAL INCREMENTAL COSTS							\$42,159,364
28								
29								
30								
31	<u>Summary of Demand &amp; Energy:</u>							
32								
33								
34	ENERGY	\$1,062,651	\$1,077,304	\$978,177	\$1,018,429	\$1,017,910	\$1,017,394	\$6,171,865
35								
36	DEMAND	5,981,577	5,946,672	6,015,881	6,033,829	6,022,748	6,006,792	35,987,499
37								
38	TOTAL INCREMENTAL COSTS	\$7,024,228	\$7,023,976	\$6,994,058	\$7,052,258	\$7,040,658	\$7,024,186	\$42,159,364

FLORIDA POWER CORPORATION  
 ESTIMATED CONSERVATION PROGRAM COSTS  
 FOR THE PERIOD OCTOBER 1997 THROUGH MARCH 1998

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	DEPRECIATION								PROGRAM REVENUES (CREDITS)	TOTAL
		AMORTIZATI & RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER		
1	BETTER BUSINESS-908.15 (E)	\$30	\$118,026	\$0	\$0	\$45,018	\$426,294	\$1,192	\$644	\$0	\$591,204
2	ENERGY MONITOR-908.16 (E)	0	75,873	3,550	39,506	5,503	0	0	990	(31,000)	94,422
3	GAS DEMONSTRATION-908.17 (E)	0	3,064	431	431	0	0	518	1,710	0	6,154
4	RES NEW CONSTRUCT-908.22 (E)	0	126,040	187	5,713	75,009	435,000	9,668	14,246	0	667,803
5	HOME ENRGY IMPROVE-908.23 (E)	772	185,426	262	11,923	225,636	618,384	8,930	10,108	0	1,061,441
6	CAI NEW CONSTRUCTION-908.24 (E)	0	101,402	0	0	5,028	102,807	606	467	0	210,308
7	HOME ENRGY CHECK-908.25 (E)	4,027	546,079	7,089	268,762	72,646	0	37,032	53,949	0	989,584
8	BUS ENRGY CHECK-908.28 (E)	92	182,133	4,020	1,800	22,406	0	9,054	19,076	(4,000)	234,581
9	CONSERV PROG ADMIN-908.35 (E)	382,113	315,175	4,194	196,792	0	5,099	39,033	673,357	0	1,615,762
10	CONSERV PROG ADMIN-908.35 (D)	0	35,104	467	21,918	0	568	4,347	74,998	0	137,403
11	QUALIFYING FACILITY-908.42 (E)	994	173,501	0	25,106	0	0	1,818	49,180	0	250,599
12	INNOVATION INCENTIVE-908.60 (E)	0	4,249	0	0	5,026	160,028	0	0	0	169,303
13	TECHNOLOGY DEVELOPMENT-908.65 (E)	0	19,007	98,521	156,271	0	0	2,051	4,794	0	280,644
14	STANDBY GENERATION-908.69 (D)	0	32,261	5,967	16,153	0	298,800	965	204	0	354,350
15	INTERRUPTIBLE SERVICE-908.70 (D)	0	52,694	2,085	0	0	11,133,837	890	0	0	11,189,506
16	CURTAILABLE SERVICE-908.72 (D)	0	13,819	146	0	0	354,684	0	0	0	368,649
17	ENERGY MANAGEMENT ADMIN-908.75 (D)	811,677	464,195	19,146	60,198	268,265	18,633,423	11,230	309,168	0	20,577,302
18	ENERGY MANAGEMENT SERVICES-908.76(D)	2,289,990	322,895	48,644	461,312	0	0	29,295	11,800	0	3,161,936
19	COM ENERGY MANGMNT ADMIN-908.85 (D)	0	13,730	0	0	0	138,000	1,792	0	0	153,522
20	COM ENERGY MANGMNT SVC-908.86 (D)	0	0	3,628	41,203	0	0	0	0	0	44,831
21											
22											
23	NET PROGRAM COSTS	\$3,489,695	\$2,786,673	\$196,337	\$1,307,088	\$724,535	\$32,306,924	\$158,421	\$1,224,691	(\$35,000)	\$42,159,364
24											
25	ADJUSTMENTS										0
26											
27	TOTAL INCREMENTAL COSTS										\$42,159,364
28											
29	<u>Summary of Demand &amp; Energy</u>										
30	ENERGY	\$388,028	\$1,851,975	\$118,254	\$706,304	\$456,270	\$1,747,612	\$109,902	\$828,521	(\$35,000)	\$6,171,865
31	DEMAND	3,101,667	934,698	78,083	670,784	268,265	30,559,312	48,519	396,170	-	35,987,499
32											
33	TOTAL INCREMENTAL COSTS	\$3,489,695	\$2,786,673	\$196,337	\$1,307,088	\$724,535	\$32,306,924	\$158,421	\$1,224,691	(\$35,000)	\$42,159,364



SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS  
DEPRECIATION & RETURN  
FOR THE PERIOD OCTOBER 1997 THROUGH MARCH 1998

FPBC DOCKET NO 960002-EG  
FLORIDA POWER CORPORATIO  
WITNESS M F JACOB  
EXHIBIT NO  
MFJ - 1  
SCHEDULE C-2a  
PAGE 3 OF 7  
JANUARY 13 1997

LINE NO	1996			1997			TOTAL
	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	
BETTER BUSINESS-008.15 (E)							
1	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0
2	RETIREMENTS	0	0	0	0	0	0
3	DEPRECIATION BASE	322	322	322	322	322	322
4							
6	DEPRECIATION EXPENSE	5	5	5	5	5	30
8							
7	CUMULATIVE INVESTMENT	322	322	322	322	322	322
8	LESS ACC DEPRECIATION	253	258	283	268	273	278
9	NET INVESTMENT	69	64	59	54	49	44
10	AVERAGE INVESTMENT	72	67	62	57	52	47
11	RETURN ON AVERAGE INVESTMENT	0	0	0	0	0	0
12							
13	RETURN REQUIREMENTS	0	0	0	0	0	0
14							
15	PROGRAM TOTAL	\$5	\$5	\$5	\$5	\$5	\$30
16							
HOME ENRGY IMPROVE-008.23 (E)							
18	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0
19	RETIREMENTS	0	0	0	0	0	0
20	DEPRECIATION BASE	6,346	6,346	6,346	6,346	6,346	6,346
21							
22	DEPRECIATION EXPENSE	106	106	106	106	106	636
23							
24	CUMULATIVE INVESTMENT	6,346	6,346	6,346	6,346	6,346	6,346
25	LESS ACC DEPRECIATION	5,231	5,337	5,443	5,549	0	106
26	NET INVESTMENT	1,115	1,009	903	797	6,346	6,240
27	AVERAGE INVESTMENT	1,168	1,062	956	850	3,672	6,293
28	RETURN ON AVERAGE INVESTMENT	8	8	7	6	25	98
29							
30	RETURN REQUIREMENTS	11	11	10	9	34	136
31							
32	PROGRAM TOTAL	\$117	\$117	\$116	\$115	\$140	\$772
33							
HOME ENRGY CHECK-008.25 (E)							
35	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0
36	RETIREMENTS	0	0	25206	0	0	25,206
37	DEPRECIATION BASE	47,821	47,821	35,218	22,615	22,615	22,615
38							
39	DEPRECIATION EXPENSE	797	797	587	377	377	3,312
40							
41	CUMULATIVE INVESTMENT	47,821	47,821	22,615	22,615	22,615	22,615
42	LESS ACC DEPRECIATION	34,283	35,080	10,461	10,838	11,215	11,592
43	NET INVESTMENT	13,538	12,741	12,154	11,777	11,400	11,023
44	AVERAGE INVESTMENT	13,937	13,140	12,448	11,986	11,589	11,212
45	RETURN ON AVERAGE INVESTMENT	97	92	87	83	80	517
46							
47	RETURN REQUIREMENTS	134	127	120	115	111	715
48							
49	PROGRAM TOTAL	\$931	\$924	\$707	\$482	\$488	\$4,027
50							
BUS ENRGY CHECK-008.28 (E)							
52	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0
53	RETIREMENTS	0	0	2801	0	0	2,801
54	DEPRECIATION BASE	2,801	2,801	0	0	0	0
55							
56	DEPRECIATION EXPENSE	47	45	0	0	0	92
57							
58	CUMULATIVE INVESTMENT	2,801	2,801	0	0	0	0
59	LESS ACC DEPRECIATION	2,756	2,801	0	0	0	0
60	NET INVESTMENT	45	0	0	0	0	0
61	AVERAGE INVESTMENT	69	23	0	0	0	0
62	RETURN ON AVERAGE INVESTMENT	0	0	0	0	0	0
63							
64	RETURN REQUIREMENTS	0	0	0	0	0	0
65							
66	PROGRAM TOTAL	\$47	\$45	\$0	\$0	\$0	\$92

SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS,  
 DEPRECIATION, & RETURN  
 FOR THE PERIOD OCTOBER 1997 THROUGH MARCH 1998

LINE NO	1996			1997			TOTAL
	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	
CONSERV PROG ADMIN-908.35 (E)							
1	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0
2	RETIREMENTS	0	0	0	0	0	0
3	DEPRECIATION BASE	3,347,003	3,347,003	3,347,003	3,347,003	3,347,003	
4							
5	DEPRECIATION EXPENSE	55,795	55,795	55,795	55,795	55,795	334,770
6							
7	CUMULATIVE INVESTMENT	3,347,003	3,347,003	3,347,003	3,347,003	3,347,003	3,347,003
8	LESS: ACC. DEPRECIATION	2,418,089	2,473,884	2,529,879	2,585,474	2,641,269	2,697,064
9	NET INVESTMENT	928,914	873,119	817,324	761,529	705,734	649,939
10	AVERAGE INVESTMENT	966,812	901,017	845,222	789,427	733,632	677,627
11	RETURN ON AVERAGE INVESTMENT	6,673	6,284	5,895	5,506	5,117	34,203
12							
13	RETURN REQUIREMENTS	9,237	8,698	8,160	7,621	7,083	47,343
14							
15	PROGRAM TOTAL	\$65,032	\$64,493	\$63,955	\$63,416	\$62,878	\$382,113
16							
17							
QUALIFYING FACILITY-908.42 (E)							
19	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0
20	RETIREMENTS	0	0	0	0	0	0
21	DEPRECIATION BASE	6,960	6,960	6,960	6,960	6,960	
22							
23	DEPRECIATION EXPENSE	116	116	116	116	116	696
24							
25	CUMULATIVE INVESTMENT	6,960	6,960	6,960	6,960	6,960	6,960
26	LESS: ACC. DEPRECIATION	1,566	1,882	1,798	1,914	2,030	2,146
27	NET INVESTMENT	5,394	5,278	5,162	5,046	4,930	4,814
28	AVERAGE INVESTMENT	5,452	5,336	5,220	5,104	4,988	4,872
29	RETURN ON AVERAGE INVESTMENT	38	37	36	36	35	216
30							
31	RETURN REQUIREMENTS	52	51	50	50	48	298
32							
33	PROGRAM TOTAL	\$168	\$167	\$166	\$166	\$164	\$994
34							
ENERGY MANAGEMENT ADMIN-908.75 (D)							
36	INVESTMENT	8,850	8,850	8,850	14,237	14,237	63,261
37	RETIREMENTS	270,994	387,234	-	-	-	1,135,695
38	DEPRECIATION BASE	6,912,374	6,590,610	6,402,843	6,412,887	6,427,124	6,202,627
39							
40	DEPRECIATION EXPENSE	115,229	109,865	106,735	106,903	107,140	649,270
41							
42	CUMULATIVE INVESTMENT	6,781,302	6,399,918	6,405,768	6,420,005	6,434,242	5,971,012
43	LESS: ACC. DEPRECIATION	3,780,372	3,503,003	3,809,738	3,716,641	3,823,781	3,449,712
44	NET INVESTMENT	3,000,930	2,896,915	2,796,030	2,703,364	2,610,461	2,521,300
45	AVERAGE INVESTMENT	3,054,120	2,948,923	2,846,473	2,749,897	2,656,913	2,565,881
46	RETURN ON AVERAGE INVESTMENT	21,302	20,569	19,854	19,179	18,532	117,333
47							
48	RETURN REQUIREMENTS	29,485	28,471	27,481	26,547	25,651	162,407
49							
50	PROGRAM TOTAL	\$144,714	\$138,336	\$134,216	\$133,450	\$132,791	\$811,677



SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS  
DEPRECIATION & RETURN  
FOR THE PERIOD OCTOBER 1997 THROUGH MARCH 1998

FPSC DOCKET NO 960002-EG  
FLORIDA POWER CORPORATION  
WITNESS M F JACOB  
EXHIBIT NO  
MFJ 1  
SCHEDULE C-2a  
PAGE 6 OF 7  
JANUARY 13 1997

LINE NO	1996			1997			TOTAL
	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	
1	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0
2	RETIREMENTS	0	0	0	0	0	0
3	DEPRECIATION BASE	0	0	0	0	0	0
4							
5	DEPRECIATION EXPENSE	0	0	0	0	0	0
6							
7	CUMULATIVE INVESTMENT	0	0	0	0	0	0
8	LESS ACC DEPRECIATION	0	0	0	0	0	0
9	NET INVESTMENT	0	0	0	0	0	0
10	AVERAGE INVESTMENT	0	0	0	0	0	0
11	RETURN ON AVERAGE INVESTMENT	0	0	0	0	0	0
12							
13	RETURN REQUIREMENTS	0	0	0	0	0	0
14							
15	PROGRAM TOTAL	\$0	\$0	\$0	\$0	\$0	\$0
16							
17							
18	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0
19	RETIREMENTS	0	0	0	0	0	0
20	DEPRECIATION BASE	0	0	0	0	0	0
21							
22	DEPRECIATION EXPENSE	0	0	0	0	0	0
23							
24	CUMULATIVE INVESTMENT	0	0	0	0	0	0
25	LESS ACC DEPRECIATION	0	0	0	0	0	0
26	NET INVESTMENT	0	0	0	0	0	0
27	AVERAGE INVESTMENT	0	0	0	0	0	0
28	RETURN ON AVERAGE INVESTMENT	0	0	0	0	0	0
29							
30	RETURN REQUIREMENTS	0	0	0	0	0	0
31							
32	PROGRAM TOTAL	\$0	\$0	\$0	\$0	\$0	\$0
33							
34							
35	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0
36	RETIREMENTS	0	0	0	0	0	0
37	DEPRECIATION BASE	0	0	0	0	0	0
38							
39	DEPRECIATION EXPENSE	0	0	0	0	0	0
40							
41	CUMULATIVE INVESTMENT	0	0	0	0	0	0
42	LESS ACC DEPRECIATION	0	0	0	0	0	0
43	NET INVESTMENT	0	0	0	0	0	0
44	AVERAGE INVESTMENT	0	0	0	0	0	0
45	RETURN ON AVERAGE INVESTMENT	0	0	0	0	0	0
46							
47	RETURN REQUIREMENTS	0	0	0	0	0	0
48							
49	PROGRAM TOTAL	\$0	\$0	\$0	\$0	\$0	\$0
50							
53	TOTAL DEPRECIATION AND RETURN	\$211,014	\$204,087	\$199,166	\$197,644	\$196,466	\$199,705
54							
56							
57							
58	Summary of Demand & Energy						
59							
60							
61	ENERGY	\$86,300	\$86,751	\$84,949	\$84,194	\$83,676	\$388,028
62							
63	DEMAND	\$65,938	\$33,979	\$19,411	\$10,153	\$49,072	\$310,667
64							
65	TOTAL DEPRECIATION AND RETURN	\$822,238	\$599,730	\$584,360	\$574,347	\$562,747	\$3,489,696

FLORIDA POWER CORPORATION

SCHEDULE OF ESTIMATED INVESTMENT,  
 AMORTIZATION & RETURN ON LOAD CONTROL EQUIPMENT  
 FOR THE PERIOD OCTOBER 1997 THROUGH MARCH 1998

LINE NO	1996 OCTOBER	NOVEMBER	DECEMBER	1997 JANUARY	FEBRUARY	MARCH	TOTAL
ENERGY MANAGEMENT SERVICES-908.76(D)							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							

NOTE: DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .01667 OR 20% ANNUALLY. RETURN ON AVERAGE INVESTMENT IS CALCULATED USING A MONTHLY RATE OF .006975 (8.37% ANNUALLY, AUTHORIZED BY THE FPSC IN DOCKET NO. 910890-EI). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575

---

**SCHEDULE C-3**  
**OCTOBER 1996 THROUGH MARCH 1997**

---













FLORIDA POWER CORPORATION

SCHEDULE OF CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
OCTOBER and NOVEMBER, 1996 ACTUAL  
DECEMBER, 1996 through MARCH, 1997 ESTIMATED

FP&C DOCKET NO. 970002-EG  
FLORIDA POWER CORPORATION  
WITNESS: M. F. JACOB  
EXHIBIT NO. \_\_\_\_\_  
MFJ - 1  
SCHEDULE C-3  
PAGE 5 OF 12  
JANUARY 13, 1997

LINE NO	ACTUAL			ESTIMATED			TOTAL
	96 OCT	NOV	DEC	97 JAN	FEB	MAR	
1	BETTER BUSINESS (908.15)						
2	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	0	0	0	0	0	0	0
4	322	322	322	322	322	322	
5	DEPRECIATION EXPENSE						
6	5	5	5	5	5	5	30
7	CUMULATIVE INVESTMENT						
8	322	322	322	322	322	322	322
9	193	198	203	208	213	218	218
10	129	124	119	114	109	104	104
11	132	127	122	117	112	107	
12	1	1	1	0	0	0	3
13	RETURN REQUIREMENTS						
14	2	2	2	0	0	0	6
15	PROGRAM TOTAL						
16	\$7	\$7	\$7	\$5	\$5	\$5	\$36
17	HOME ENERGY IMPROVEMENT (908.23)						
19	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	0	0	0	0	0	0	0
21	6,346	6,346	6,346	6,346	6,346	6,346	
22	DEPRECIATION EXPENSE						
23	106	106	106	106	106	106	636
24	CUMULATIVE INVESTMENT						
25	6,346	6,346	6,346	6,346	6,346	6,346	6,346
26	4,595	4,701	4,807	4,913	5,019	5,125	5,125
27	1,751	1,645	1,539	1,433	1,327	1,221	1,221
28	1,804	1,698	1,592	1,486	1,380	1,274	
29	13	12	11	10	10	8	64
30	RETURN REQUIREMENTS						
31	18	16	15	14	14	11	88
32	PROGRAM TOTAL						
33	\$124	\$122	\$121	\$120	\$120	\$117	\$724
34	HOME ENERGY CHECK (908.25)						
36	\$0	\$0	\$0	\$0	\$0	\$0	0
37	-	-	936,622	1,080	-	25,586	963,288
38	1,076,316	1,076,316	608,005	139,154	138,614	125,821	
39	DEPRECIATION EXPENSE						
40	17,939	17,939	10,133	2,319	2,310	2,097	52,737
41	CUMULATIVE INVESTMENT						
42	1,076,316	1,076,316	139,694	138,614	138,614	113,028	113,028
43	1,017,509	1,035,448	108,959	110,198	112,508	89,019	89,019
44	58,807	40,868	30,735	28,416	26,106	24,009	24,009
45	67,777	49,838	35,802	29,578	27,261	25,058	
46	473	348	250	206	190	175	1,642
47	RETURN REQUIREMENTS						
48	654	482	346	285	263	242	2,272
49	PROGRAM TOTAL						
50	\$18,593	\$18,421	\$10,479	\$2,604	\$2,573	\$2,339	\$55,009

FLORIDA POWER CORPORATION  
 SCHEDULE OF CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
 OCTOBER and NOVEMBER, 1996 ACTUAL  
 DECEMBER, 1996 through MARCH, 1997 ESTIMATED

FPSC DOCKET NO 970002-EG  
 FLORIDA POWER CORPORATION  
 WITNESS M F JACOB  
 EXHIBIT NO  
 MFJ - 1  
 SCHEDULE C - 3  
 PAGE 6 OF 12  
 JANUARY 13 1997

LINE NO	ACTUAL			ESTIMATED			TOTAL
	96 OCT	NOV	DEC	97 JAN	FEB	MAR	
BUSINESS ENERGY CHECK (90828)							
1		\$0	\$0	\$0	\$0	\$0	\$0
2				165,286	190	4,515	169,991
3		174,944	174,944	92,301	9,468	7,211	
4							
5		2,916	2,916	1,538	159	158	7,807
6							
7		174,944	174,944	9,858	9,468	4,953	4,953
8		169,543	172,469	8,721	8,800	4,453	4,453
9		5,391	2,475	937	778	500	500
10		6,850	3,933	1,706	858	560	
11		48	28	12	6	4	103
12							
13		68	39	16	9	5	144
14							
15		\$2,984	\$2,955	\$1,554	\$168	\$165	\$7,951
16							
CONSERV PRORAM ADMIN (90835)							
18		\$0	\$0	\$0	\$0	\$0	\$0
19			4,387	76,936	38	1,632	82,993
20		3,429,998	3,427,803	3,387,141	3,348,854	3,348,635	3,347,819
21							
22		57,167	57,130	56,462	55,811	55,811	338,166
23							
24		3,429,998	3,425,809	3,348,673	3,348,635	3,347,003	3,347,003
25		1,829,516	1,882,259	1,861,775	1,917,548	2,027,524	2,027,524
26		1,600,480	1,543,350	1,486,898	1,431,087	1,319,479	1,319,479
27		1,829,054	1,571,915	1,515,124	1,458,993	1,347,378	
28		11,363	10,984	10,568	10,176	9,398	62,256
29							
30		15,728	15,176	14,628	14,085	13,008	86,172
31							
32		\$72,895	\$72,308	\$71,080	\$69,896	\$68,358	\$424,340
33							
QUALIFYING FACILITY (90842)							
35		\$0	\$0	\$0	\$0	\$0	\$0
36		0	0	0	0	0	0
37		6,960	6,960	6,960	6,960	6,960	6,960
38							
39		116	116	116	116	116	696
40							
41		6,960	6,960	6,960	6,960	6,960	6,960
42		174	290	408	522	638	754
43		6,786	6,670	6,554	6,438	6,322	6,206
44		6,644	6,728	6,812	6,896	6,980	6,264
45		48	47	46	46	44	275
46							
47		66	65	64	64	61	381
48							
49		\$182	\$181	\$180	\$180	\$177	\$1,077
50							

FLORIDA POWER CORPORATION  
 SCHEDULE OF CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
 OCTOBER and NOVEMBER, 1996 ACTUAL  
 DECEMBER, 1996 through MARCH, 1997 ESTIMATED

FLORIDA POWER CORPORATION  
 WITNESS M F JACOB  
 EXHIBIT NO  
 MFJ - 1  
 SCHEDULE C - 3  
 PAGE 7 OF 12  
 JANUARY 13 1997

LINE NO	ACTUAL			ESTIMATED			TOTAL
	96	97	97	97	97	97	
	OCT	NOV	DEC	JAN	FEB	MAR	
1 RESIDENTIAL ENERGY MINGMT (90875)							
2 INVESTMENT	\$0	\$0	\$4,000	\$3,000	\$5,850	\$5,850	\$18,700
3 RETIREMENTS	-	55,143	24,768	-	-	-	79,911
4 DEPRECIATION BASE	8,998,914	8,969,343	8,931,387	8,922,803	8,926,928	8,932,778	
5							
6 DEPRECIATION EXPENSE	149,949	149,489	148,857	148,709	148,782	148,880	894,686
7							
8 CUMULATIVE INVESTMENT	8,998,914	8,941,771	8,921,003	8,924,003	8,929,853	8,935,703	8,936,703
9 LESS ACC DEPRECIATION	4,540,117	4,634,463	4,758,552	4,907,261	5,056,043	5,204,923	5,204,923
10 NET INVESTMENT	4,458,797	4,307,308	4,162,451	4,016,742	3,873,810	3,730,780	3,730,780
11 AVERAGE INVESTMENT	4,631,772	4,382,053	4,234,880	4,089,597	3,945,276	3,802,295	
12 RETURN ON AVERAGE INVESTMENT	31,609	30,985	29,838	28,525	27,518	26,521	174,276
13							
14 RETURN REQUIREMENTS	43,782	42,307	40,885	39,483	38,089	36,799	241,225
15							
16 PROGRAM TOTAL	\$193,701	\$191,706	\$189,742	\$188,192	\$186,871	\$185,589	\$1,135,891
17							
18 UNUSED							
19 INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20 RETIREMENTS	0	-	0	0	0	0	0
21 DEPRECIATION BASE	0	0	0	0	0	0	0
22							
23 DEPRECIATION EXPENSE	0	0	0	0	0	0	0
24							
25 CUMULATIVE INVESTMENT	0	0	0	0	0	0	0
26 LESS ACC DEPRECIATION	0	0	0	0	0	0	0
27 NET INVESTMENT	0	0	0	0	0	0	0
28 AVERAGE INVESTMENT	0	0	0	0	0	0	0
29 RETURN ON AVERAGE INVESTMENT	0	0	0	0	0	0	0
30							
31 RETURN REQUIREMENTS	0	0	0	0	0	0	0
32							
33 PROGRAM TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34							
35 UNUSED							
36 INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37 RETIREMENTS	0	0	0	0	0	0	0
38 DEPRECIATION BASE	0	0	0	0	0	0	0
39							
40 DEPRECIATION EXPENSE	0	0	0	0	0	0	0
41							
42 CUMULATIVE INVESTMENT	0	0	0	0	0	0	0
43 LESS ACC DEPRECIATION	0	0	0	0	0	0	0
44 NET INVESTMENT	0	0	0	0	0	0	0
45 AVERAGE INVESTMENT	0	0	0	0	0	0	0
46 RETURN ON AVERAGE INVESTMENT	0	0	0	0	0	0	0
47							
48 RETURN REQUIREMENTS	0	0	0	0	0	0	0
49							
50 PROGRAM TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0

FLORIDA POWER CORPORATION  
 SCHEDULE OF CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
 OCTOBER and NOVEMBER, 1996 ACTUAL  
 DECEMBER, 1996 through MARCH, 1997 ESTIMATED

FPSC DOCKET NO 970002-EG  
 FLORIDA POWER CORPORATION  
 WITNESS M F JACOB  
 EXHIBIT NO  
 MIFJ - 1  
 SCHEDULE C - 3  
 PAGE 8 OF 12  
 JANUARY 13 1997

LINE NO	ACTUAL			ESTIMATED			TOTAL	
	OCT	NOV	DEC	JAN	FEB	MAR		
1	UNUSED							
2		\$0	\$0	\$0	\$0	\$0	\$0	
3		0	0	0	0	0	0	
4		0	0	0	0	0	0	
5	-----							
6		0	0	0	0	0	0	
7	-----							
8		0	0	0	0	0	0	
9		0	0	0	0	0	0	
10		0	0	0	0	0	0	
11		0	0	0	0	0	0	
12		0	0	0	0	0	0	
13	-----							
14		0	0	0	0	0	0	
15	-----							
16		\$0	\$0	\$0	\$0	\$0	\$0	
17	-----							
18	UNUSED							
19		\$0	\$0	\$0	\$0	\$0	\$0	
20		0	0	0	0	0	0	
21		0	0	0	0	0	0	
22	-----							
23		0	0	0	0	0	0	
24	-----							
25		0	0	0	0	0	0	
26		0	0	0	0	0	0	
27		0	0	0	0	0	0	
28		0	0	0	0	0	0	
29		0	0	0	0	0	0	
30	-----							
31		0	0	0	0	0	0	
32	-----							
33		\$0	\$0	\$0	\$0	\$0	\$0	
34	-----							
35	UNUSED							
36		\$0	\$0	\$0	\$0	\$0	\$0	
37		0	0	0	0	0	0	
38		0	0	0	0	0	0	
39	-----							
40		0	0	0	0	0	0	
41	-----							
42		0	0	0	0	0	0	
43		0	0	0	0	0	0	
44		0	0	0	0	0	0	
45		0	0	0	0	0	0	
46		0	0	0	0	0	0	
47	-----							
48		0	0	0	0	0	0	
49	-----							
50		\$0	\$0	\$0	\$0	\$0	\$0	
51	-----							
52	TOTAL DEPRECIATION AND RETURN	\$288,488	\$285,788	\$273,183	\$281,185	\$200,289	\$257,157	\$1,625,028

FLORIDA POWER CORPORATION

SCHEDULE OF CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
 OCTOBER and NOVEMBER, 1996 ACTUAL  
 DECEMBER, 1996 through MARCH, 1997 ESTIMATED

LINE NO	ACTUAL			ESTIMATED				TOTAL
	OCT	NOV	DEC	JAN	FEB	MAR		
1								
2								
3		\$387,778	\$379,736	\$342,257	\$261,508	\$261,508	\$261,508	\$1,894,294
4		740,814	838,820	879,209	843,780	1,248,523	884,266	4,911,881
5		26,820,784	26,114,944	27,787,025	27,357,428	26,574,300	25,880,914	
6								
8		475,347	488,583	462,785	455,958	442,906	431,349	2,736,926
9								
10		28,344,386	27,885,501	27,848,549	27,096,307	26,082,292	25,679,536	26,679,536
11		19,278,898	18,908,561	18,792,137	18,404,348	17,801,728	17,368,812	17,368,812
12		9,065,788	8,976,940	8,856,412	8,661,982	8,480,564	8,310,723	8,310,723
13		9,109,573	9,021,384	8,916,878	8,750,187	8,571,283	8,395,844	
14		63,539	62,824	62,194	61,096	59,785	58,560	368,098
15								
16		87,948	87,096	86,086	84,586	82,752	81,066	509,504
17								
18		\$883,296	\$855,679	\$848,871	\$840,524	\$826,658	\$812,405	\$3,248,432

NOTE DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0188867  
 OR 20% ANNUALLY RETURN ON AVERAGE INVESTMENT IS CALCULATED USING  
 A MONTHLY RATE OF .008975 (8.37% ANNUALLY, AUTHORIZED BY THE FPSC  
 IN DOCKET NO 910890-E1) RETURN REQUIREMENTS ARE CALCULATED  
 USING A COMBINED STATUTORY TAX RATE OF 38.578%





FLORIDA POWER CORPORATION  
 ENERGY CONSERVATION ADJUSTMENT  
 CALCULATION OF TRUE-UP  
 OCTOBER and NOVEMBER, 1996 ACTUAL  
 DECEMBER, 1996 through MARCH, 1997 ESTIMATED

LINE NO	ACTUAL		ESTIMATED				TOTAL
	OCT 96	NOV 96	DEC 96	JAN 97	FEB 97	MAR 97	
1 HOME ENERGY ANALYSIS FEES	\$0	(\$1,175)	\$0	\$0	\$0	\$0	(\$1,175)
2							
3 BUSINESS ENERGY ANALYSIS FEES	-	20,036	-	-	-	-	20,036
4							
5 HOME ENERGY FIXUP FEES	-	-	-	-	-	-	0
6							
7 RESIDUCT TEST FEES	-	-	-	-	-	-	0
8							
9 C/DUCT TEST FEES	-	-	-	-	-	-	0
10							
11 SUBTOTAL AUDIT FEES	0	18,861	0	0	0	0	18,861
12							
13 CONSERVATION ADJ REVENUES	4,383,175	4,186,477	3,815,410	4,126,792	3,964,025	3,859,363	24,305,242
14							
15 TOTAL REVENUES	4,383,175	4,175,336	3,815,410	4,126,792	3,964,025	3,859,363	24,324,103
16							
17 PRIOR TRUE-UP OVER/(UNDER)	2,707,042	2,707,042	2,707,042	2,707,042	2,707,042	2,707,042	16,242,252
18							
19							
20							
21 CONSERVATION REVENUES							
22 APPLICABLE TO PERIOD	7,090,217	6,882,760	6,522,452	6,833,834	6,671,067	6,566,406	40,566,355
23							
24 CONSERVATION EXPENSES	6,441,176	6,323,208	6,406,264	7,171,666	7,159,046	7,149,507	40,650,667
25							
26 TRUE-UP THIS PERIOD	(649,041)	(659,172)	(116,168)	337,632	487,979	583,102	84,312
27 (OVER)/UNDER RECOVERY	(89,310)	(77,332)	(70,471)	(69,960)	(44,783)	(26,922)	(367,778)
28 INTEREST PROVISION THIS PERIOD							
29							
30 TRUE-UP & INTEREST PROVISIONS							
31 BEGINNING OF MONTH	(20,173,657)	(18,201,966)	(16,131,429)	(13,811,046)	(10,626,332)	(7,476,094)	(2,173,657)
32							
33							
34 AUDIT ADJUSTMENT	0	0	0	0	0	0	0
35							
36 PRIOR TRUE-UP REFUNDED/(COLL.)	2,707,042	2,707,042	2,707,042	2,707,042	2,707,042	2,707,042	16,242,282
37							
38 PERIOD END TOTAL NET TRUE-UP	(\$16,201,966)	(\$16,131,429)	(\$13,811,046)	(\$10,626,332)	(\$7,476,094)	(\$4,214,872)	(\$4,214,872)
39 (OVER)/UNDER RECOVERY							

	4Q7-9Q7		10Q7-3Q8		12 Month Period		RATIO	TRUE UP
	FORECAST	FORECAST	FORECAST	FORECAST	FORECAST	FORECAST		
Summary of Allocation								
ENERGY	\$ 6,466,098	\$ 6,171,665	\$ 12,666,963			14.92%	\$ (626,859)	
DEMAND	36,195,440	36,887,499	72,182,939			85.08%	(3,586,012)	
TOTAL	\$ 42,660,538	\$ 42,169,364	\$ 84,839,902			100%	\$ (4,214,871)	

FLORIDA POWER CORPORATION  
 CALCULATION OF INTEREST PROVISION  
 OCTOBER and NOVEMBER, 1996 ACTUAL  
 DECEMBER, 1996 through MARCH 1997 ESTIMATED

LINE NO	ACTUAL			ESTIMATED			TOTAL
	96 OCT	NOV	DEC	96 JAN	97 FEB	MAR	
1 BEGINNING TRUE-UP AMOUNT	(20,173,657)	(18,201,966)	(16,131,429)	(13,611,046)	(10,626,332)	(7,478,094)	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(18,115,856)	(16,054,097)	(13,540,575)	(10,566,372)	(7,431,311)	(4,185,950)	
3 TOTAL BEGINNING & ENDING TRUE-UP	<u>(\$38,289,513)</u>	<u>(\$34,256,063)</u>	<u>(\$29,672,004)</u>	<u>(\$24,177,418)</u>	<u>(\$18,057,643)</u>	<u>(\$11,662,044)</u>	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	<u>(\$19,144,857)</u>	<u>(\$17,128,032)</u>	<u>(\$14,836,002)</u>	<u>(\$12,088,709)</u>	<u>(\$9,028,821)</u>	<u>(\$5,831,022)</u>	
5 INTEREST RATE FIRST DAY REPORTING BUSINESS MONTH	5.440%	5.380%	5.450%	5.950%	5.950%	5.950%	
6 INTEREST RATE FIRST DAY SUBSEQUENT BUSINESS MONTH	5.380%	5.450%	5.950%	5.950%	5.950%	5.950%	
7 TOTAL (LINE 5 AND LINE 6)	10.820%	10.830%	11.400%	11.900%	11.900%	11.900%	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	<u>5.410%</u>	<u>5.415%</u>	<u>5.700%</u>	<u>5.950%</u>	<u>5.950%</u>	<u>5.950%</u>	
9 MONTHLY AVERAGE INTEREST RATE (LINE 8/12)	<u>0.451%</u>	<u>0.451%</u>	<u>0.475%</u>	<u>0.496%</u>	<u>0.496%</u>	<u>0.496%</u>	
10 INTEREST PROVISION (LINE 4 * LINE 9)	<u>(\$66,310)</u>	<u>(\$77,332)</u>	<u>(\$70,471)</u>	<u>(\$59,980)</u>	<u>(\$44,783)</u>	<u>(\$28,922)</u>	<u>(\$367,778)</u>

---

**SCHEDULE C-4**  
**APRIL 1997 THROUGH MARCH 1998**

---

CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES  
 FOR THE PERIOD: APRIL 1997 THROUGH MARCH 1998

	MONTH	JURISDICTIONAL MWH SALES	BASE REVENUES	CLAUSE REVENUE NET OF REVENUE TAXES
	1997			
1	APRIL	2,272,364	\$0	\$5,426,899
2	MAY	2,388,183	\$0	\$5,714,229
3	JUNE	2,810,524	\$0	\$6,821,712
4	JULY	3,060,620	\$0	\$7,499,261
5	AUGUST	3,141,926	\$0	\$7,711,011
6	SEPTEMBER	3,157,868	\$0	\$7,729,245
7	OCTOBER	2,841,282	\$0	\$6,908,223
8	NOVEMBER	2,375,838	\$0	\$5,676,473
9	DECEMBER	2,396,883	\$0	\$5,760,436
	1998			
10	JANUARY	2,505,393	\$0	\$6,108,649
11	FEBRUARY	2,408,468	\$0	\$5,853,400
12	MARCH	2,318,257	\$0	\$5,593,658
13	TOTAL	<u>31,677,606</u>	<u>\$0</u>	<u>\$76,803,196</u>

---

**Schedule C-5**

---

### Program Description and Progress

**Program Title:** Home Energy Check

**Program Description:** The new Home Energy Check program is a comprehensive residential energy evaluation (audit) program. The program provides Florida Power Corporation's (FPC) residential customers with an analysis of energy consumption and recommendations on energy efficiency improvements. It acts as a motivational tool to identify, evaluate, and inform consumers on cost effective energy saving measures. It serves as the foundation of the residential Home Energy Improvement program and is a requirement for participation. There are four versions of this audit: the free walk-thru, the paid walk-thru (\$15 charge), the energy rating (BERS) and the mail-in audit.

**Program Projections for April, 1997 through March, 1998:** It is estimated that 27,000 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$1,182,812.

**Program Progress Summary:** The Home Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements.



### Program Description and Progress

**Program Title:** Business Energy Check

**Program Description:** The Business Energy Check is an audit for non-residential customers, and has two parts. The free audit provides a no-cost energy audit for non-residential facilities. The paid audit provides a more thorough energy analysis for non-residential facilities. For each, a qualified energy auditor determines which energy-reducing actions apply to a customer's facility and operation. The cost of implementing recommended measures and the resulting savings are estimated in writing based on industry averages. The auditor also explains other Florida Power programs and incentives available to encourage implementation of the conservation recommendations.

**Program Projections for April, 1997 through March, 1998:** It is estimated that 2,500 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$195,609.

**Program Progress Summary:** The program is required for participation in most of the company's other DSM incentive programs.

Program Description and Progress

**Program Title:** Standby Generation

**Program Description:** Florida Power Corporation provides an incentive for customers to voluntarily operate their on-site generation during times of system peak.

**Program Projections for April, 1997 through March, 1998:** It is estimated that one new customer will participate in the program during the projection period.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$319,274.

**Program Progress Summary:** To date the program has 32 participants.



Program Description and Progress

**Program Title:** Qualifying Facility

**Program Description:** Power is purchased power from qualifying cogeneration and small power production facilities.

**Program Projections for April, 1997 through March, 1998:** Contracts for new facilities will continue to be negotiated when opportune.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$233,262.

**Program Progress Summary:** The total MW of qualifying facility capacity available at the end of 1996 was 1050 MW.

Program Description and Progress

**Program Title:** Innovation Incentive

**Program Description:** Significant conservation efforts that are not supported by other Florida Power programs can be encouraged through Innovation Incentive. Major equipment replacement or other actions that substantially reduce FPC peak demand requirements are evaluated to determine their impact on Florida Power's system. If cost effective, these actions may qualify for an economic incentive in order to shorten the "payback" time of the project.

**Program Projections for April, 1997 through March, 1998:** It is estimated that 8 customers will participate in the program during the projection period.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$103,413.

**Program Progress Summary:** Many of the measures previously completed as a result of this program were high efficiency equipment replacements that are now covered under the company's Better Business program.

### Program Description and Progress

**Program Title:** Technology Development Program

**Program Description:** Florida Power Corporation will undertake certain development and demonstration projects which have promise to become cost-effective conservation and energy efficiency programs. Currently, the Low Income Program, Dual Source Heat Pump Program and the Full Condensing Heat Pump Program demonstrations are in process. Their activity will continue through 1997 with little change.

**Program Projections for April, 1997 through March, 1998:** It is estimated that 20 homes will be weatherized during the period. Data acquisitions will continue without expected changes for the Dual Source Heat Pump and the Full Condensing Heat Pump.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$219,031.

**Program Progress Summary:** Initial feedback has been positive for the low income pilot with a trend toward increased participation. The Dual Source Heat Pump has been installed and monitored since October 1996. The Full Condensing Heat Pump has been installed, however, the home has not sold and data does not reflect equipment operation.

Program Description and Progress

**Program Title:** Interruptible Service Program

**Program Description:** The Interruptible program is a rate tariff which allows Florida Power to switch off electrical service to customers during times of capacity shortages. The signal to operate the automatic switch on the customer's service is activated by the Energy Control Center. In return for this, the customers receive a monthly rebate on their kW demand charge.

**Program Projections for April, 1997 through March, 1998:** No new participants are expected during the projection period.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$11,290,041.

**Program Progress Summary:** To date the program has 128 participants. The original program filed as the IS-1 tariff is no longer cost-effective under the Commission approved test and was closed on April 16, 1996. Existing participants were grandfathered into the program. New participants would be placed on the new, cost-effective IS-2 tariff.

### Program Description and Progress

**Program Title:** Curtailable Service Program

**Program Description:** The Curtailable Service is a dispatchable DSM program in which customers contract to curtail or shut down a portion of their load during times of capacity shortages. The curtailment is done voluntarily by the customer when notified by FPC. In return for this cooperation, the customer receives a monthly rebate for the curtailable portion of their load.

**Program Projections for April, 1997 through March, 1998:** No new participants are expected during the projection period.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$343,016.

**Program Progress Summary:** To date the program has 7 participants. The original program filed as the CS-1 tariff is no longer cost-effective under the Commission approved test and was closed on April 16, 1996. Existing participants were grandfathered into the program. New participants would be placed on the new, cost-effective CS-2 tariff.

### Program Description and Progress

**Program Title:** Energy Management (Residential & Commercial)

**Program Description:** The Load Management Program incorporates direct radio control of selected customer equipment to reduce system demand during peak capacity periods and/or emergency conditions by temporarily interrupting selected customer appliances for specified periods of time. Customers have a choice of options and receive a credit on their monthly electric bills depending on the options selected and their monthly kWh usage.

**Program Projections for April, 1997 through March, 1998:** During this period we anticipate installing 15,619 new participants to the program. The average WKW is 1.94 per installation based on projected goal of 30.3 MW.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Program expenditures during this period are projected to be \$18,721,692.

**Program Progress Summary:** As of December 9, 1996 there are 529,437 customers participating in the Load Management program. These participants attribute a total of 951 MW of winter peak capacity demand under control.

### Program Description and Progress

**Program Title:** Gas Demonstration

**Program Description:** The purpose of Gas Demonstration is to conduct natural gas research and demonstration projects in the functional areas of heating, cooling, dehumidification and water heating.

**Program Projections for April, 1997 through March, 1998:** There will be no additional participation in the Residential Gas Demonstration Project beyond the one site already in place. A site for the Commercial Gas Dehumidification Demonstration Project is expected to be selected by mid-1997.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$13,090.

**Program Progress Summary:** The gas powered York Triathlon has been installed and remotely monitored since August 1996. Potential commercial sites are currently being considered for the commercial gas dehumidification demonstration.



Program Description and Progress

**Program Title:** Energy Monitor

**Program Description:** The program assists customers in managing their energy use by providing services to improve the operation and maintenance of building the process systems

**Program Projections for April, 1997 through March, 1998:** It is estimated that 70 customers will participate in the program during the projection period.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$72,571.

**Program Progress Summary:** There were 30 Energy Monitor projects completed during the 1996 year.

Program Description and Progress

**Program Title:** Commercial/Industrial New Construction

**Program Description:** This umbrella efficiency program provides incentives for the design and construction of energy efficient commercial and industrial facilities. Incentives are provided for energy efficient heating, air conditioning, motors, water heating, and leak free ducts.

**Program Projections for April, 1997 through March, 1998:** It is estimated that 8,162 customers will participate in the program during the projection period.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$101,853.

**Program Progress Summary:** No C/I New Construction program completions occurred in 1996.

Program Description and Progress

**Program Title:** Better Business

**Program Description:** This umbrella efficiency program provides incentives to existing commercial and industrial customers for energy efficient lighting, heating, air conditioning, motors, water heating, roof insulation upgrade, duct leakage and repair, and window film.

**Program Projections for April, 1997 through March, 1998:** It is estimated that 47,205 customers will participate during the projection period.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$312,219.

**Program Progress Summary:** The Better Business program was first implemented during the 1996 year. In previous years, measures eligible for incentives were implemented under separate programs which have been phased out.

### Program Description and Progress

**Program Title:** Residential New Construction

**Program Description:** This program is designed to encourage builders to construct more energy efficient homes by choosing from a menu of energy saving measures such as duct sealing, duct layout, attic insulation, high efficiency heat pump, heat recovery water heating or dedicated heat pump. This is also an educational program which strives to teach builders, Realtors, HVAC dealers, and homebuyers the importance of energy efficiency. Incentives are awarded to the builder based on the level of efficiency they choose.

**Program Projections for April, 1997 through March, 1998:** It is estimated that 5,500 homes representing 115 builders will participate in this program during the projection period.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$477,005.

**Program Progress Summary:** This program is tied to the building industry. Economic forces will dictate the number of homes built during this period. Participation has increased each year since its inception. Recent enhancements to the program are expected to continue this trend.

Program Description and Progress

**Program Title:** Home Energy Improvement

**Program Description:** This umbrella efficiency program provides existing residential customers incentives for energy efficient heating, air conditioning, water heating, ceiling insulation upgrade and duct leakage and repair.

**Program Projections for April, 1997 through March, 1998:** It is estimated that 9,500 completions will be performed in this program during the projected period.

**Program Fiscal Expenditures for October, 1996 through March, 1997:** Expenses for this program are projected to be \$1,017,982.

**Program Progress Summary:** Ceiling insulation and duct repair completions are stabilizing. Recent program enhancements including high efficiency space and water heating should increase participation during this period.