



**Florida Power**  
CORPORATION

RECEIVED  
FLORIDA PUBLIC  
SERVICE COMMISSION

1996 JAN 22 AM 10:35

MAIL ROOM

**JAMES A. MCGEE**  
SENIOR COUNSEL

January 19, 1996

ORIGINAL  
FILE COPY

Ms. Blanca Bayo, Director  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, Florida 32399-0850

Re: Docket No. 960002-EG

Dear Ms. Bayo:

Enclosed for filing in the subject docket are fifteen copies of the Direct Testimony and Exhibits of Michael F. Jacob and the Direct Testimony and Exhibits of 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

JAM/jb  
Enclosure

cc: Parties of Record

- ACK
- AFM
- APT
- CAF
- CMU
- CTR
- EAG  5
- LEG  1
- LIN  orig test 13
- OTC
- RCH
- SEC  1
- WAS
- OTH

FPSC-BUREAU OF RECORDS  
mas

Jacob  
DOCUMENT NUMBER-DATE  
GENERAL OFFICE  
00724 JAN 22 1996

Wieland  
DOCUMENT NUMBER-DATE  
00725 JAN 22 1996

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

---

In re: Conservation Cost Recovery  
Clauses of Electric Companies.

---

Docket No.960002-EG

Submitted for filing:  
January 19, 1996

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true copy of the Direct Testimony and Exhibits of Michael F. Jacob and the Direct Testimony and Exhibits of Karl H. Wieland filed on behalf of Florida Power Corporation have been furnished to the following individuals by regular U.S. Mail this 19th day of January, 1996:

Robert V. Elias, Esquire  
Division of Legal Services  
Florida Public Service Commission  
101 East Gaines Street  
Tallahassee, FL 32399-0863

Joseph A. McGlothlin, Esquire  
Vicki Gordon Kaufman, Esquire  
McWhirter, Reeves, McGlothlin,  
Davidson & Bakas  
315 S. Calhoun Street, Suite 716  
Tallahassee, FL 32301

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

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

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

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

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

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

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

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

Robert S. Goldman, Esquire  
Messer, Vickers, Caparello,  
French & Madsen  
P. O. Box 1876  
Tallahassee, FL 32301

Robert Scheffel Wright., Esquire  
Fine, Jacobson, Schwartz  
Nash & Block  
215 S. Monroe Street, Suite 804  
Tallahassee, FL 32301

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

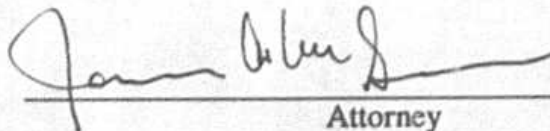
Terry Black, Esquire  
Pace University Energy Project  
78 North Broadway  
White Plains, NY 10603

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

  
\_\_\_\_\_  
Attorney



ORIGINAL  
FILE COPY

---

**BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION**

**DOCKET No. 960002-EG**

**PROJECTION  
APRIL 1996 THROUGH MARCH 1997**

---

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

---

---

**For Filing January 22, 1996**

DOCUMENT NUMBER-DATE  
00724 JAN 22 88  
FPSC-RECORDS/REPORTING



**FLORIDA POWER CORPORATION  
DOCKET No. 960002-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. Describe your responsibilities as Manager of Regulatory Evaluation and  
10 Planning.**

11 A. I am responsible for managing the evaluation and planning of FPC's  
12 Energy Conservation programs as approved by the Florida Public Service  
13 Commission.  
14

15 **Q. Please summarize your educational background and professional  
16 experience.**

17 A. I have a Bachelor of Science Degree in Business Administration with a  
18 major in Economics, and a Master of Arts Degree in Economics from the  
19 University of Florida. Prior to joining Florida Power Corporation I worked  
20 in the area of public utility forecasting and economics at Georgia Power  
21 Company and the Public Utility Research Center at the University of  
22 Florida. I have been employed by Florida Power Corporation since 1981

1 in the areas of Load Forecasting and DSM Program Evaluation and  
2 Planning.

3  
4 **Q. What is the purpose of your testimony?**

5 A. The purpose of my testimony is to describe the components of the  
6 Company's Conservation Plan as approved by the Florida Public Service  
7 Commission. I will detail the costs for implementation for each program  
8 in that plan. I will explain the derivation of projected costs for the  
9 period April, 1996, through March, 1997, and explain how these costs  
10 are presented in the attached exhibit.

11  
12 **Q. Do you have any exhibits to your testimony?**

13 A. Yes, my exhibit is entitled, "Summary of Cost Recovery Clause  
14 Calculations for the Period April 1996 through March 1997."

15  
16 **Q. For what programs does Florida Power Corporation seek recovery?**

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

- 19 • Home Energy Check
- 20 • Home Energy Improvement
- 21 • Residential New Construction
- 22 • Energy Management (Residential and Commercial)
- 23 • Business Energy Check
- 24 • Better Business
- 25 • Commercial/Industrial New Construction

- 1 • Energy Monitor
- 2 • Innovation Incentive
- 3 • Standby Generation
- 4 • Interruptible Service
- 5 • Curtailable Service
- 6 • Technology Development
- 7 • Gas Demonstration
- 8 • Qualifying Facility

9

10 For each program listed, Florida Power Corporation is seeking to recover  
11 those costs allowed pursuant to Rule 25-17.15 of the Florida  
12 Administrative Code as adopted by the Florida Public Service  
13 Commission.

14

15 **Q. Are these all of the programs for which FPC seeks recovery through the**  
16 **Conservation Recovery Clause?**

17 **A.** These are all of the programs for which costs have been included in the  
18 April 1996 through March 1997 projection period. They are primarily  
19 new programs recently approved by the Commission as part of FPC's  
20 DSM Plan. It is important to note, however, that implementing these  
21 new programs also involves phasing out many old program offerings.  
22 While we expect these old programs to be phased out (and therefore  
23 incur no costs) by the beginning of the projection period, there may be  
24 some old program costs incurred after April 1, 1996. These

1 unanticipated costs associated with old DSM programs will be identified  
2 and included in FPC's next True-up filing.

3  
4 Since these old programs were still operational during the  
5 actual/estimated period of October 1995 through March 1996, their  
6 costs over that actual/estimated period are accounted for in Exhibit 1,  
7 Schedule C-3.

8  
9 **Q. Will you please identify these old programs?**

10 **A. While many of these programs for which FPC sought cost recovery**  
11 **during the last Projection Filing are being phased-out, others have been**  
12 **modified, and still others will continue unchanged. The following list**  
13 **presents all FPC Commission approved programs from last years**  
14 **Projection filing:**

<u>Full FPC Program Name</u>	<u>Program Name as Filed with FPSC</u>
16 Home Energy Analysis	Home Energy Checkup
17 Home Energy Check	Home Inspection Audit
18 Business Energy Analysis	Business Energy Analysis
19 Business Energy Check	Business Energy Inspection
20 Residential Comfort Cash	Residential Comfort Cash Loan
21 Residential A/C Duct Test/Repair	Residential Blower Door
22 Residential Insulation	Residential Insulation
23 Residential A/C Replacement	Residential HVAC Allowance
24 Residential A/C Service	Residential Air Conditioning Tuneup



1	Standby Generation	Standby Generation
2	Qualifying Facility	Qualifying Facility
3	Trade Efficiency A/C Test	Trade Ally
4	C/I A/C Duct Test/Repair	C/I Blower Door
5	C/I Comfort Cash	C/I Comfort Cash Loan
6	C/I Interior Lighting	Indoor Lighting Incentive
7	C/I HVAC Service	C/I HVAC Tuneup
8	Home Energy Fixup	Home Energy Fixup
9	C/I Energy Fixup	C/I Fixup
10	C/I HVAC Replacement	C/I HVAC Allowance
11	Motor Replacement	C/I Motor Efficiency
12	Innovation Incentive	Demand Reduction Capital Offset
13	Efficiency Program Development	New Program Development
14	Heat Pipe	C/I Heat Pipe Development
15	Interruptible Services Program	Interruptible Services Program
16	Curtable Services Program	Curtable Services Program
17	Load Management	Load Management

18  
19  
20  
21  
22  
23  
24  
25

- Q. Will you please explain your exhibit?**
- A. Yes. My exhibit consists of Schedules C-1 through C-5. Schedule C-1 provides a summary of cost recovery clause information and calculations by retail rate schedule. Schedules C-2 and C-2a provide the monthly and total conservation program cost estimates for the time period April, 1996 through March, 1997 for each conservation program as well as common administration expenses (those expenses not specifically linked**

1 to an individual program). Additionally, Schedules C-2 and C-2a present  
2 the program costs by specific category (i.e. payroll, materials,  
3 incentives, etc.) and include a schedule of estimated capital  
4 investments, depreciation and return for the period April, 1996, through  
5 March, 1997.

6  
7 Schedule C-3 contains a detailed listing of actual/estimated conservation  
8 program costs (pages 1-5) and a schedule of capital investments,  
9 depreciation and return (pages 5-9) for the period October and  
10 November, 1995 (actual) and December, 1995 through March, 1996  
11 (estimated) for each of FPC's programs along with the associated  
12 common administration costs. Schedule C-4 projects Energy  
13 Conservation Cost Recovery (ECCR) revenues during the April 1996  
14 through March 1997 time period. Schedule C-5 presents a brief  
15 summary of progress and expenditures for each program for which FPC  
16 seeks cost recovery as part of the Conservation Recovery Clause.

17  
18 **Q. Would you please summarize the major results from your Exhibit?**

19 **A. Schedule C-2, Page 1 of 8, Line 39, shows a total incremental cost of**  
20 **\$81,977,334 for the April 1996 through March 1997 projection period.**

21  
22 The following table summarizes Schedule C-1, Page 1 of 4, Lines 16 -  
23 18 showing the projected conservation cost recovery charge per 1,000  
24 kilowatt-hours by retail rate class for the time period April, 1996  
25 through March, 1997.

	<u>Secondary</u>	<u>Primary</u>	<u>Transmission</u>
<u>Retail Rate Schedule</u>	<u>Voltage</u>	<u>Voltage</u>	<u>Voltage</u>
Residential	\$2.95	N/A	N/A
General Service Non-Demand	\$2.42	\$2.40	\$2.37
General Service 100% Load Factor	\$1.79	N/A	N/A
General Service Demand	\$2.09	\$2.07	\$2.05
Curtaillable	\$1.82	\$1.80	\$1.78
Interruptible	\$1.82	\$1.80	\$1.78
Lighting	\$0.91	N/A	N/A

11 Q. Does this conclude your direct testimony?

12 A. Yes.

---

**SCHEDULE C-1**  
**APRIL 1996 THROUGH MARCH 1997**

---



FLORIDA POWER CORPORATION  
 ENERGY CONSERVATION ADJUSTMENT  
 SUMMARY OF COST RECOVERY CLAUSE CALCULATIONS  
 FOR THE PERIOD APRIL 1996 THROUGH MARCH 1997

FPSC DOCKET NO. 960002-EG  
 FLORIDA POWER CORPORATION  
 MICHAEL F. JACOB  
 EXHIBIT NO. \_\_\_\_\_ (MFJ-1)  
 SCHEDULE C-1  
 PAGE 1 OF 4 1/17/96 12:08

## 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	60.498%	3.509%	0.098%	29.948%	0.471%	5.311%	0.165%	100.000%
2 DEMAND RELATED INCREMENTAL COSTS	\$41,683,255	\$2,417,956	\$67,838	\$20,634,063	\$324,724	\$3,659,001	\$113,569	\$68,900,406
3 DEMAND PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$3,276,686)	(\$190,073)	(\$5,333)	(\$1,622,026)	(\$25,526)	(\$287,631)	(\$8,928)	(\$5,416,203)
4 TOTAL DEMAND RELATED INCREMENTAL COSTS	\$38,406,569	\$2,227,883	\$62,505	\$19,012,037	\$299,198	\$3,371,370	\$104,641	\$63,484,203
5 ENERGY ALLOCATION PERCENTAGE	49.904%	3.647%	0.148%	37.134%	0.692%	7.794%	0.681%	100.000%
6 ENERGY RELATED INCREMENTAL COSTS	\$6,525,943	\$476,871	\$19,318	\$4,856,000	\$90,509	\$1,019,209	\$89,078	\$13,076,927
7 ENERGY PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$512,927)	(\$37,481)	(\$1,518)	(\$381,672)	(\$7,114)	(\$80,108)	(\$7,001)	(\$1,027,822)
8 TOTAL ENERGY RELATED INCREMENTAL COSTS	\$6,013,016	\$439,390	\$17,800	\$4,474,328	\$83,395	\$939,101	\$82,077	\$12,049,105
9 TOTAL INCREMENTAL COSTS (LINE 2 + 6)	\$48,209,198	\$2,894,827	\$87,156	\$25,490,063	\$415,233	\$4,678,210	\$202,647	\$81,977,333
10 ECCR TRUE UP (O)/U RECOVERY (LINE 3+7)	(\$3,789,613)	(\$227,554)	(\$6,851)	(\$2,003,698)	(\$32,640)	(\$367,739)	(\$15,929)	(\$6,444,025)
11 TOTAL (LINE 9+10+11)	\$44,419,585	\$2,667,273	\$80,305	\$23,486,365	\$382,593	\$4,310,471	\$186,718	\$75,533,308
12 RETAIL SALES MMH(@ EFFECTIVE VOLTAGE LEVEL SEE P. 4)	15,079,659	1,102,008	44,860	11,236,547	210,232	2,371,067	205,516	
13 COST PER 1,000 KWH - ENERGY & DEMAND (LINE 12/13)	\$2.9457	\$2.4204	\$1.7901	\$2.0902	\$1.8199	\$1.8179	\$0.9085	
14 REVENUE TAX EXPANSION FACTOR	1.0002808	1.0002808	1.0002808	1.0002808	1.0002808	1.0002808	1.0002808	
15 ADJUSTMENT FACTOR ADJUSTED FOR TAXES	2.9465	2.4211	1.7906	2.0908	1.8204	1.8184	0.9088	
16 CONSERVATION ADJUSTMENT FACTOR \$/1,000 KWH								
17 @ SECONDARY VOLTAGE	\$2.95	\$2.42	\$1.79	\$2.09	\$1.82	\$1.82	\$0.91	
18 @ PRIMARY VOLTAGE (1% REDUCTION FACTOR)	N/A	\$2.40	N/A	\$2.07	\$1.80	\$1.80	N/A	
19 @ TRANSMISSION VOLTAGE (2% REDUCTION FACTOR)	N/A	\$2.37	N/A	\$2.05	\$1.78	\$1.78	N/A	

CALCULATION OF AVERAGE 12 CP AND ANNUAL DEMAND  
FOR THE PERIOD APRIL 1996 THROUGH MARCH 1997

RATE CLASS	(1) MWH SALES @ METER LEVEL	(2) 12 CP LOAD FACTOR	(3) 12 CP MWH @ 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	15,079,659	0.516	3,336.1	0.9323981	3,578.0	15,079,659	0.9436651	15,979,884.2	1,824
II. GENERAL SERVICE NON-DEMAND									
TRANSMISSION	0	0.662	0.0	0.9634000	0.0	0	0.9695000	0.0	0
PRIMARY	7,962	0.662	1.4	0.9514000	1.5	7,962	0.9595000	8,298.1	1
SECONDARY	1,094,126	0.662	188.7	0.9323981	202.4	1,094,126	0.9436651	1,159,443.1	132
TOTAL	1,102,088		190.1		203.9	1,102,088			133
III. GS - 100% L.F.	44,860	1.000	5.1	0.9323981	5.5	44,860	0.9436651	47,538.1	5
IV. GENERAL SERVICE DEMAND									
GSD-1 - TRANSMISSION	20,673	0.802	2.9	0.9634000	3.0	20,673	0.9695000	21,323.4	2
SS-1 - TRANSMISSION	9,352	1.280	0.8	0.9634000	0.8	9,352	0.9695000	9,646.2	1
SUBTOTAL - TRANSMISSION	30,025		3.7	0.9634000	3.8	30,025	0.9695000	30,969.6	4
GSD - PRIMARY	2,397,862	0.802	311.3	0.9514000	358.7	2,397,862	0.9595000	2,499,074.5	285
SS-1 - PRIMARY	4,052	1.280	0.4	0.9514000	0.4	4,052	0.9595000	4,223.0	1
SUBTOTAL - PRIMARY	2,401,914		341.7	0.9514000	359.2	2,401,914	0.9595000	2,503,297.6	286
GSD - SECONDARY	8,829,228	0.802	1,256.7	0.9323981	1,347.8	8,829,228	0.9436651	9,356,315.1	1,068
TOTAL	11,261,167		1,602.1		1,710.8	11,261,167			1,357
V. CURTAILABLE SERVICE									
CS - PRIMARY	209,418	0.966	24.7	0.9514000	26.0	209,418	0.9595000	218,257.4	25
SS3 - PRIMARY	544	1.039	0.1	0.9514000	0.1	544	0.9595000	567.0	0
SUBTOTAL - PRIMARY	209,962		24.8	0.9514000	26.1	209,962	0.9595000	218,824.4	25
CS - SECONDARY	2,394	0.966	0.3	0.9323981	0.3	2,394	0.9436651	2,536.9	0
TOTAL	212,356		25.1		26.4	212,356			25
VI. INTERRUPTIBLE SERVICE									
IS - TRANSMISSION	712,225	0.960	84.7	0.9634000	87.9	712,225	0.9695000	734,631.3	84
SS-2 - TRANSMISSION	142,385	1.044	15.6	0.9634000	16.2	142,385	0.9695000	146,864.4	17
SUBTOTAL - TRANSMISSION	854,610		100.3	0.9634000	104.1	854,610	0.9695000	881,495.6	101
IS - PRIMARY	1,500,249	0.960	178.4	0.9514000	187.5	1,500,249	0.9595000	1,563,573.7	179
SS-2 - PRIMARY	30,189	1.044	3.3	0.9514000	3.5	30,189	0.9595000	31,463.3	4
SUBTOTAL - PRIMARY	1,530,438		181.7	0.9514000	191.0	1,530,438	0.9595000	1,595,037.0	182
SECONDARY	18,415	0.960	2.2	0.9323981	2.4	18,415	0.9436651	19,514.3	2
TOTAL	2,403,463		284.2		297.5	2,403,463			285
VII. LIGHTING SERVICE	205,516	3.551	6.6	0.9323981	7.1	205,516	0.9436651	217,784.9	25
TOTAL RETAIL	30,309,109				5,829.2	30,309,109		32,020,939	3,656

## CALCULATION OF DEMAND AND ENERGY ALLOCATORS

FOR THE PERIOD APRIL 1996 THROUGH MARCH 1997

RATE CLASS	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	AVERAGE 12 CP DEMAND MW	%	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	3,578.0	61.381%	1,824.2	49.904%	56.659%	3.839%	60.498%
II. GENERAL SERVICE NON-DEMAND							
TRANSMISSION	0.0	0.000%	0.0	0.000%	0.000%	0.000%	0.000%
PRIMARY	1.5	0.026%	0.9	0.025%	0.024%	0.002%	0.026%
SECONDARY	202.4	3.472%	132.4	3.622%	3.205%	0.279%	3.484%
TOTAL	203.9	3.498%	133.3	3.647%	3.229%	0.281%	3.509%
III. GS - 100% LF.	5.5	0.094%	5.4	0.148%	0.087%	0.011%	0.098%
IV. GENERAL SERVICE DEMAND							
TRANSMISSION	3.8	0.065%	3.5	0.096%	0.060%	0.007%	0.068%
PRIMARY	359.2	6.162%	285.8	7.819%	5.688%	0.601%	6.290%
SECONDARY	1,347.8	23.122%	1,068.1	29.220%	21.343%	2.248%	23.591%
TOTAL	1,710.8	29.349%	1,357.4	37.134%	27.091%	2.856%	29.948%
V. CURTAILABLE SERVICE							
PRIMARY	26.1	0.448%	25.3	0.692%	0.413%	0.053%	0.467%
SECONDARY	0.3	0.005%	0.0	0.000%	0.005%	0.000%	0.005%
TOTAL	26.4	0.453%	25.3	0.692%	0.418%	0.053%	0.471%
VI. INTERRUPTIBLE SERVICE							
TRANSMISSION	104.1	1.786%	100.6	2.752%	1.648%	0.212%	1.850%
PRIMARY	191.0	3.277%	182.1	4.982%	3.025%	0.383%	3.408%
SECONDARY	2.4	0.041%	2.2	0.060%	0.038%	0.005%	0.043%
TOTAL	297.5	5.104%	284.9	7.794%	4.711%	0.600%	5.311%
VII. LIGHTING SERVICE	7.1	0.122%	24.9	0.681%	0.112%	0.052%	0.165%
TOTAL RETAIL	5,829.2	100.000%	3,655.4	100.000%	92.308%	7.692%	100.000%

PROJECTED MWH SALES  
 AT EFFECTIVE VOLTAGE LEVEL  
 FOR THE PERIOD APRIL 1996 THROUGH MARCH 1997

RATE CLASS	(1) MWH SALES @ METER LEVEL	(2) VOLTAGE ADJUSTMENT	(3) MWH SALES @ EFFECTIVE LEVEL
I. RESIDENTIAL SERVICE	15,079,659	100%	15,079,659
II. GENERAL SERVICE NON-DEMAND			
TRANSMISSION	0	98%	0
PRIMARY	7,962	99%	7,882
SECONDARY	1,094,126	100%	1,094,126
TOTAL	1,102,088		1,102,008
III. GS - 100% LF.	44,860	100%	44,860
IV. GENERAL SERVICE DEMAND			
SS-1/GSD - TRANSMISSION	30,025	98%	29,425
GSD - PRIMARY	2,297,862	99%	2,273,883
SS-1 - PRIMARY	4,052	99%	4,011
SUBTOTAL - PRIMARY	2,401,914		2,377,894
GSD - SECONDARY	8,829,228	100%	8,829,228
TOTAL	11,261,167		11,236,547
V. CURTAILABLE SERVICE			
PRIMARY	209,962	99%	207,862
SECONDARY	2,394	99%	2,370
TOTAL	212,356		210,232
VI. INTERRUPTIBLE SERVICE			
IS - TRANSMISSION	712,225	98%	697,981
SS-2 - TRANSMISSION	142,385	98%	139,537
SUBTOTAL - TRANSMISSION	854,610		837,518
IS - PRIMARY	1,500,249	99%	1,485,247
SS-2 - PRIMARY	30,189	99%	29,887
SUBTOTAL - PRIMARY	1,530,438		1,515,134
IS-1 - SECONDARY	18,415	100%	18,415
TOTAL	2,403,463		2,371,067
VII. LIGHTING SERVICE	205,516	100%	205,516
TOTAL RETAIL	30,309,109		30,249,889



---

**SCHEDULE C-2**  
**APRIL 1996 THROUGH MARCH 1997**

---

FLORIDA POWER CORPORATION

ESTIMATED CONSERVATION PROGRAM COSTS  
 FOR THE PERIOD APRIL 1996 THROUGH MARCH 1997

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	APR 96	OCT 96	12 MONTH TOTAL	
		To SEP 96 Sch C-2 p2	To MAR 97 Sch C-2a p1		
1	BETTER BUSINESS-908.15 (E)	\$910,617	\$920,034	\$1,830,651	
2	ENERGY MONITOR-908.16 (E)	177,708	178,155	355,863	
3	GAS DEMONSTRATION-908.17 (E)	19,959	20,204	40,163	
4	HOME ENRGY ANALYSIS-908.21 (E)	0	0	0	
5	RES NEW CONSTRUCT-908.22 (E)	480,479	484,101	964,580	
6	HOME ENRGY IMPROVE-908.23 (E)	1,183,912	1,193,328	2,377,240	
7	C/I NEW CONSTRUCTION-908.24 (E)	87,793	88,634	176,427	
8	HOME ENRGY CHECK-908.25 (E)	833,478	783,107	1,616,585	
9	BUS ENRGY ANALYSIS-908.27 (E)	1,195	490	1,685	
10	BUS ENRGY CHECK-908.28 (E)	197,390	188,666	386,056	
11	RES COMFORT CASH-908.29 (E)	0	0	0	
12	C/I COMFORT CASH-908.30 (E)	0	0	0	
13	RES A/C DCT TST/RPR-908.31 (E)	1,024	725	1,749	
14	RESID INSULATION-908.32 (E)	0	0	0	
15	RES A/C REPLACEMENT-908.33 (E)	0	0	0	
16	RESID A/C SERVICE-908.34 (E)	0	0	0	
17	CONSERV PROG ADMIN-908.35 (E)	1,919,217	1,901,977	3,821,195	
18	CONSERV PROG ADMIN-908.35 (D)	163,211	164,109	327,320	
19	QUALIFYING FACILITY-908.42 (E)	251,567	253,897	505,464	
20	TRADE EFFICIENCY-908.44 (E)	0	0	0	
21	HOME ENERGY FIXUP-908.45 (E)	0	0	0	
22	C/I A/C DUCT TST/RPR-908.51 (E)	42	36	78	
23	C/I INTERIOR LIGHTING-908.52 (E)	0	0	0	
24	C/I HVAC SERVICE-908.53 (E)	0	0	0	
25	C/I ENERGY FIXUP-908.54 (E)	0	0	0	
26	C/I HVAC REPLACEMENT-908.55 (E)	0	0	0	
27	MOTOR REPLACEMENT-908.56 (E)	0	0	0	
28	INNOVATION INCENTIVE-908.60 (E)	175,104	176,875	351,979	
29	TECHNOLOGY DEVELOPMENT-908.65 (E)	322,842	324,371	647,213	
30	TECHNOLOGY DEVELOPMENT-908.65(D)	70,868	71,203	142,071	
31	HEAT PIPE-908.66 (E)	0	0	0	
32	STANDBY GENERATION-908.69 (D)	629,323	631,119	1,260,442	
33	INTERRUPTIBLE SERVICE-908.70 (D)	8,883,638	8,884,149	17,767,787	
34	CURTAILABLE SERVICE-908.72 (D)	420,320	420,520	840,840	
35	ENERGY MANAGEMENT ADMIN-908.75 (D)	1,928,144	1,853,177	3,781,321	
36	ENERGY MANAGEMENT SERVICES-908.76(D)	22,822,865	21,957,760	44,780,625	
37					
38					
39	NET PROGRAM COSTS	\$41,480,696	\$40,496,637	\$81,977,334	
40		*****	*****	*****	
41					
42					
43					
44					
45	Summary of Demand & Energy:				
46	-----				
47					
48	ENERGY	\$6,562,328	6,514,600	\$13,076,927 (\$1,027,822)	\$12,049,105
49					
50	DEMAND	34,918,369	33,982,037	68,900,406 (\$5,416,203)	63,484,203
51					
52	TOTAL INCREMENTAL COSTS	\$41,480,696	\$40,496,637	\$81,977,333 (\$6,444,025)	\$75,533,308
		*****	*****	*****	*****





FLORIDA POWER CORPORATION

ESTIMATED CONSERVATION PROGRAM COSTS  
 FOR THE PERIOD APRIL 1996 THROUGH SEPTEMBER 1996

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	PROGRAM REVENUES (CREDITS)	TOTAL
1	BETTER BUSINESS-908.15 (E)	\$0	\$422,961	\$6,876	\$0	\$0	\$401,418	\$21,312	\$58,050	\$0	\$910,617
2	ENERGY MONITOR-908.16 (E)	0	69,324	1,584	0	28,536	65,832	1,962	10,470	0	177,708
3	GAS DEMONSTRATION-908.17 (E)	0	10,965	4,200	4,044	0	0	0	750	0	19,959
4	HOME ENRGY ANALYSIS-908.21 (E)	0	0	0	0	0	0	0	0	0	0
5	RES NEW CONSTRUCT-908.22 (E)	0	161,345	3,558	0	76,236	0	6,936	232,404	0	480,479
6	HOME ENRGY IMPROVE-908.23 (E)	0	472,546	10,626	0	0	585,714	21,738	93,288	0	1,183,912
7	C/I NEW CONSTRUCTION-908.24 (E)	0	36,175	558	0	9,996	34,392	1,338	5,334	0	87,793
8	HOME ENRGY CHECK-908.25 (E)	121,090	154,534	1,896	0	270,078	192,210	3,588	90,082	0	833,478
9	BUS ENRGY ANALYSIS-908.27 (E)	1,195	0	0	0	0	0	0	0	0	1,195
10	BUS ENRGY CHECK-908.28 (E)	17,287	48,577	906	0	74,988	45,942	1,998	7,692	0	197,390
11	RES COMFORT CASH-908.29 (E)	0	0	0	0	0	0	0	0	0	0
12	C/I COMFORT CASH-908.30 (E)	0	0	0	0	0	0	0	0	0	0
13	RES A/C DCT TST/RPR-908.31 (E)	1,024	0	0	0	0	0	0	0	0	1,024
14	RESID INSULATION-908.32 (E)	0	0	0	0	0	0	0	0	0	0
15	RES A/C REPLACEMENT-908.33 (E)	0	0	0	0	0	0	0	0	0	0
16	RESID A/C SERVICE-908.34 (E)	0	0	0	0	0	0	0	0	0	0
17	CONSERV PROG ADMIN-908.35 (E)	450,321	447,582	13,964	669,530	0	2,808	1,534	333,479	0	1,919,217
18	CONSERV PROG ADMIN-908.35 (D)	0	49,731	1,552	74,392	0	312	170	37,053	0	163,211
19	QUALIFYING FACILITY-908.42 (E)	0	170,537	3,750	49,998	0	0	1,896	25,386	0	251,567
20	TRADE EFFICIENCY-908.44 (E)	0	0	0	0	0	0	0	0	0	0
21	HOME ENERGY FIXUP-908.45 (E)	0	0	0	0	0	0	0	0	0	0
22	C/I A/C DUCT TST/RPR-908.51 (E)	42	0	0	0	0	0	0	0	0	42
23	C/I INTERIOR LIGHTING-908.52 (E)	0	0	0	0	0	0	0	0	0	0
24	C/I HVAC SERVICE-908.53 (E)	0	0	0	0	0	0	0	0	0	0
25	C/I ENERGY FIXUP-908.54 (E)	0	0	0	0	0	0	0	0	0	0
26	C/I HVAC REPLACEMENT-908.55 (E)	0	0	0	0	0	0	0	0	0	0
27	MOTOR REPLACEMENT-908.56 (E)	0	0	0	0	0	0	0	0	0	0
28	INNOVATION INCENTIVE-908.60 (E)	0	78,744	1,266	714	5,040	74,634	2,928	11,778	0	175,104
29	TECHNOLOGY DEVELOPMENT-908.65	0	74,228	4,861	173,464	12,088	23,719	384	34,097	0	322,842
30	TECHNOLOGY DEVELOPMENT-908.65 (E)	0	16,294	1,067	38,078	2,654	5,207	84	7,485	0	70,868
31	HEAT PIPE-908.66 (E)	0	0	0	0	0	0	0	0	0	0
32	STANDBY GENERATION-908.69 (D)	0	73,177	9,996	9,444	2,496	495,150	1,524	37,536	0	629,323
33	INTERRUPTIBLE SERVICE-908.70 (E)	0	20,906	4,830	4,512	474	8,850,000	762	2,154	0	8,883,638
34	CURTAILABLE SERVICE-908.72 (D)	0	7,082	60	1,386	396	409,998	198	1,200	0	420,320
35	ENERGY MANAGEMENT ADMIN-908.75	1,220,463	351,485	10,740	50,784	86,208	0	6,384	202,080	0	1,928,144
36	ENERGY MANAGEMENT SERVICES-908	3,690,671	477,697	56,586	917,136	396	17,616,305	35,286	28,788	0	22,822,865
37											
38											
39	NET PROGRAM COSTS	\$5,502,093	\$3,143,890	\$138,876	\$1,993,482	\$569,586	\$28,803,641	\$110,022	\$1,219,106	\$0	\$41,480,696
40											
41	ADJUSTMENTS										0
42											
43	TOTAL INCREMENTAL COSTS:										\$41,480,696
44											
45	Summary of Demand & Energy										
46	ENERGY	\$590,959	\$2,147,518	\$54,045	\$897,750	\$476,962	\$1,426,669	\$65,613	\$902,810	\$0	\$6,562,328
47	DEMAND	4,911,134	996,372	84,831	1,095,732	92,624	27,376,972	44,409	316,296	0	34,918,369
48											
49	TOTAL INCREMENTAL COSTS	\$5,502,093	\$3,143,890	\$138,876	\$1,993,482	\$569,586	\$28,803,641	\$110,022	\$1,219,106	\$0	\$41,480,696









FLORIDA POWER CORPORATION

SCHEDULE OF ESTIMATED INVESTMENT,  
 AMORTIZATION & RETURN ON LOAD CONTROL EQUIPMENT  
 FOR THE PERIOD APRIL 1996 THROUGH SEPTEMBER 1996

LINE NO.	1996							TOTAL
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER		
1	ENERGY MANAGEMENT SERVICES-908.76(D)							
2								
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-E1). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575



---

**SCHEDULE C-2A**  
**OCTOBER 1996 THROUGH MARCH 1997**

---

FLORIDA POWER CORPORATION  
 ESTIMATED CONSERVATION PROGRAM COSTS  
 FOR THE PERIOD OCTOBER 1996 THROUGH MARCH 1997

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	ESTIMATED						TOTAL
		1996 OCTOBER	NOVEMBER	DECEMBER	1997 JANUARY	FEBRUARY	MARCH	
1	BETTER BUSINESS-90B.15 (E)	\$169,240	\$147,367	\$147,580	\$151,949	\$151,949	\$151,949	\$920,034
2	ENERGY MONITOR-90B.16 (E)	30,369	29,430	29,463	29,631	29,631	29,631	178,155
3	GAS DEMONSTRATION-90B.17 (E)	3,759	3,217	3,235	3,331	3,331	3,331	20,204
4	HOME ENRGY ANALYSIS-90B.21 (E)	0	0	0	0	0	0	0
5	RES NEW CONSTRUCT-90B.22 (E)	86,612	78,425	78,608	80,152	80,152	80,152	484,101
6	HOME ENRGY IMPROVE-90B.23 (E)	214,728	192,910	193,220	197,490	197,490	197,490	1,193,328
7	C/I NEW CONSTRUCTION-90B.24 (E)	16,126	14,257	14,298	14,651	14,651	14,651	88,634
8	HOME ENRGY CHECK-90B.25 (E)	142,112	138,480	130,213	123,953	124,170	124,179	783,107
9	BUS ENRGY ANALYSIS-90B.27 (E)	193	192	97	5	3	0	490
10	BUS ENRGY CHECK-90B.28 (E)	34,828	32,280	30,986	30,205	30,202	30,165	188,666
11	RES COMFORT CASH-90B.29 (E)	0	0	0	0	0	0	0
12	C/I COMFORT CASH-90B.30 (E)	0	0	0	0	0	0	0
13	RES A/C DCT TST/RPR-90B.31 (E)	124	122	122	120	120	117	725
14	RESID INSULATION-90B.32 (E)	0	0	0	0	0	0	0
15	RES A/C REPLACEMENT-90B.33 (E)	0	0	0	0	0	0	0
16	RESID A/C SERVICE-90B.34 (E)	0	0	0	0	0	0	0
17	CONSERV PROG ADMIN-90B.35 (E)	332,613	313,347	312,626	315,008	314,468	313,914	1,901,977
18	CONSERV PROG ADMIN-90B.35 (D)	28,852	26,773	26,825	27,220	27,220	27,220	164,109
19	QUALIFYING FACILITY-90B.42 (E)	48,585	40,228	40,296	37,200	43,354	44,234	253,897
20	TRADE EFFICIENCY-90B.44 (E)	0	0	0	0	0	0	0
21	HOME ENERGY FIXUP-90B.45 (E)	0	0	0	0	0	0	0
22	C/I A/C DUCT TST/RPR-90B.51 (E)	7	7	7	5	5	5	36
23	C/I INTERIOR LIGHTING-90B.52 (E)	0	0	0	0	0	0	0
24	C/I HVAC SERVICE-90B.53 (E)	0	0	0	0	0	0	0
25	C/I ENERGY FIXUP-90B.54 (E)	0	0	0	0	0	0	0
26	C/I HVAC REPLACEMENT-90B.55 (E)	0	0	0	0	0	0	0
27	MOTOR REPLACEMENT-90B.56 (E)	0	0	0	0	0	0	0
28	INNOVATION INCENTIVE-90B.60 (E)	32,443	28,364	28,408	29,220	29,220	29,220	176,875
29	TECHNOLOGY DEVELOPMENT-90B.65	56,722	53,060	53,095	53,831	53,831	53,831	324,371
30	TECHNOLOGY DEVELOPMENT-90B.65	12,451	11,647	11,655	11,817	11,817	11,817	71,203
31	HEAT PIPE-90B.66 (E)	0	0	0	0	0	0	0
32	STANDBY GENERATION-90B.69 (D)	107,878	104,130	104,324	104,929	104,929	104,929	631,119
33	INTERRUPTIBLE SERVICE-90B.70 (E)	1,481,470	1,480,393	1,480,432	1,480,618	1,480,618	1,480,618	8,884,149
34	CURTAILABLE SERVICE-90B.72 (D)	70,345	69,982	70,016	70,059	70,059	70,059	420,570
35	ENERGY MANAGEMENT ADMIN-90B.75	326,137	306,211	305,009	306,565	305,273	303,982	1,853,177
36	ENERGY MANAGEMENT SERVICES-90B	3,751,869	3,381,117	3,627,814	3,746,625	3,731,782	3,718,553	21,957,760
37								
38								
39	NET PROGRAM COSTS	\$6,947,463	\$6,451,939	\$6,688,329	\$6,814,584	\$6,804,275	\$6,790,047	40,496,637
40								0
41	ADJUSTMENTS							
42								
43	TOTAL INCREMENTAL COSTS							\$40,496,637
44								
45	Summary of Demand & Energy:							
46								
47								
48	ENERGY	\$1,168,461	\$1,071,686	\$1,062,254	\$1,066,752	\$1,072,578	\$1,072,870	\$6,514,600
49								
50	DEMAND	5,779,002	5,380,253	5,626,075	5,747,832	5,731,697	5,717,177	33,982,037
51								
52	TOTAL INCREMENTAL COSTS	\$6,947,463	\$6,451,939	\$6,688,329	\$6,814,584	\$6,804,275	\$6,790,047	\$40,496,637









SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS,  
DEPRECIATION, & RETURN  
FOR THE PERIOD OCTOBER 1996 THROUGH MARCH 1997

FPSC DOCKET NO. 960002-EG  
FLORIDA POWER CORPORATION  
WITNESS: M. F. JACOB  
EXHIBIT NO. -  
MFJ - 1  
SCHEDULE C-2a  
PAGE 4 OF 7  
JANUARY 22, 1996

LINE NO.	1996 OCTOBER	NOVEMBER	DECEMBER	1997 JANUARY	FEBRUARY	MARCH	TOTAL	
CONSERV PROG ADMIN-908.35 (E)								
1	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	
2	RETIREMENTS	0	446	75,628	38	0	1,632	
3	DEPRECIATION BASE	3,432,422	3,432,199	3,394,162	3,356,329	3,356,310	3,355,494	
4	DEPRECIATION EXPENSE	57,218	57,215	56,581	55,950	55,950	55,936	
5	CUMULATIVE INVESTMENT	3,432,422	3,431,976	3,356,348	3,356,310	3,356,310	3,354,678	
6	LESS: ACC. DEPRECIATION	1,832,141	1,888,910	1,869,863	1,925,775	1,981,725	2,036,029	
7	NET INVESTMENT	1,600,281	1,543,066	1,486,485	1,430,535	1,374,585	1,318,649	
8	AVERAGE INVESTMENT	1,628,890	1,571,674	1,514,776	1,458,510	1,402,560	1,346,617	
9	RETURN ON AVERAGE INVESTMENT	11,362	10,963	10,565	10,173	9,783	9,393	
10	RETURN REQUIREMENTS	15,727	15,174	14,624	14,081	13,541	13,001	
11	PROGRAM TOTAL	\$72,945	\$72,389	\$71,205	\$70,031	\$69,491	\$68,937	
12		*****	*****	*****	*****	*****	*****	
13	C/I A/C DUCT TST/RPR-908.51 (E)							
14	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	
15	RETIREMENTS	0	0	0	0	0	0	
16	DEPRECIATION BASE	322	322	322	322	322	322	
17	DEPRECIATION EXPENSE	5	5	5	5	5	5	
18	CUMULATIVE INVESTMENT	322	322	322	322	322	322	
19	LESS: ACC. DEPRECIATION	193	198	203	208	213	218	
20	NET INVESTMENT	129	124	119	114	109	104	
21	AVERAGE INVESTMENT	132	127	122	117	112	107	
22	RETURN ON AVERAGE INVESTMENT	1	1	1	0	0	0	
23	RETURN REQUIREMENTS	2	2	2	0	0	0	
24	PROGRAM TOTAL	\$7	\$7	\$7	\$5	\$5	\$5	
25		*****	*****	*****	*****	*****	*****	
26	ENERGY MANAGEMENT ADMIN-908.75 (D)							
27	INVESTMENT	5,440	5,440	5,460	5,442	5,442	5,442	
28	RETIREMENTS	318,528	59,137	0	0	0	0	
29	DEPRECIATION BASE	9,113,302	8,929,910	8,905,791	8,911,242	8,916,684	8,922,126	
30	DEPRECIATION EXPENSE	151,919	148,862	148,460	148,550	148,641	148,732	
31	CUMULATIVE INVESTMENT	8,956,758	8,903,061	8,908,521	8,913,963	8,919,405	8,924,847	
32	LESS: ACC. DEPRECIATION	4,466,357	4,556,082	4,704,542	4,853,092	5,001,733	5,150,465	
33	NET INVESTMENT	4,490,401	4,346,979	4,203,979	4,060,871	3,917,672	3,774,382	
34	AVERAGE INVESTMENT	4,563,641	4,418,690	4,275,479	4,132,425	3,989,272	3,846,027	
35	RETURN ON AVERAGE INVESTMENT	31,832	30,820	29,821	28,824	27,825	26,826	
36	RETURN REQUIREMENTS	44,060	42,660	41,277	39,897	38,514	37,132	
37	PROGRAM TOTAL	\$195,979	\$191,522	\$189,737	\$188,447	\$187,155	\$185,864	
38		*****	*****	*****	*****	*****	*****	
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								
49								
50								



SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS,  
DEPRECIATION, & RETURN  
FOR THE PERIOD OCTOBER 1996 THROUGH MARCH 1997

FPSC DOCKET NO. 960002-EG  
FLORIDA POWER CORPORATION  
WITNESS: M. F. JACOB  
EXHIBIT NO. -  
MFJ - 1  
SCHEDULE C-2a  
PAGE 6 OF 7  
JANUARY 22, 1996

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	\$292,509	\$287,542	\$275,481	\$263,998	\$262,378	\$1,642,407
54		=====	=====	=====	=====	=====	=====
55							
56							
57							
58	Summary of Demand & Energy:						
59	-----						
60							
61	ENERGY	\$96,530	\$96,020	\$85,744	\$75,551	\$74,223	\$503,703
62							
63	DEMAND	776,299	761,002	749,800	739,126	722,991	4,457,689
64							
65	TOTAL DEPRECIATION AND RETURN	\$872,829	\$857,022	\$835,544	\$814,677	\$798,214	\$4,961,392
		=====	=====	=====	=====	=====	=====

FLORIDA POWER CORPORATION  
 SCHEDULE OF ESTIMATED INVESTMENT,  
 AMORTIZATION & RETURN ON LOAD CONTROL EQUIPMENT  
 FOR THE PERIOD OCTOBER 1996 THROUGH MARCH 1997

LINE NO.	1996 OCTOBER	NOVEMBER	DECEMBER	1997 JANUARY	FEBRUARY	MARCH	TOTAL
1	ENERGY MANAGEMENT SERVICES-908.76(D)						
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-E1). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575



---

**SCHEDULE C-3**  
**DECEMBER 1995 THROUGH MARCH 1996**

---

FLORIDA POWER CORPORATION  
 CONSERVATION PROGRAM COSTS  
 OCTOBER and NOVEMBER, 1995 ACTUAL  
 DECEMBER, 1995 through MARCH, 1996 ESTIMATED

FPSC DOCKET NO. 960002-EG  
 FLORIDA POWER CORPORATION  
 WITNESS: M. F. JACOB  
 EXHIBIT NO: -  
 MFJ - 1  
 SCHEDULE C - 3  
 PAGE 1 OF 12  
 JANUARY 22, 1996

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER		
1	BETTER BUSINESS (90815)										
2	A. ACTUAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	B. ESTIMATED	0	204,747	3,438	0	0	200,709	10,656	29,025	0	448,575
4											
5	C. TOTAL	0	204,747	3,438	0	0	200,709	10,656	29,025	0	448,575
6											
7	ENERGY MONITOR (90816)										
8	A. ACTUAL	\$0	\$0	\$0	\$0	\$0	\$2,971	\$0	\$0	\$0	\$2,971
9	B. ESTIMATED	0	34,419	792	0	14,268	32,916	981	5,235	0	88,611
10											
11	C. TOTAL	0	34,419	792	0	14,268	35,887	981	5,235	0	91,582
12											
13	GAS DEMONSTRATION (90817)										
14	A. ACTUAL	\$0	\$2,326	\$0	\$604	\$0	\$0	\$20	\$8	\$0	\$2,957
15	B. ESTIMATED	0	6,075	2,100	2,223	0	990	7	378	0	11,773
16											
17	C. TOTAL	0	8,401	2,100	2,827	0	990	27	386	0	14,730
18											
19	HOME ENERGY ANALYSIS (90821)										
20	A. ACTUAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4	\$0	\$4
21	B. ESTIMATED	0	0	0	0	0	0	0	0	0	0
22											
23	C. TOTAL	0	0	0	0	0	0	0	4	0	4
24											
25	RESIDENTIAL NEW CONSTRUCT (90822)										
26	A. ACTUAL	0	0	0	0	0	0	0	0	0	0
27	B. ESTIMATED	0	78,135	1,779	0	38,118	0	3,468	116,202	0	237,702
28											
29	C. TOTAL	0	78,135	1,779	0	38,118	0	3,468	116,202	0	237,702
30											
31	HOME ENERGY IMPROVEMENT (90823)										
32	A. ACTUAL	0	0	0	0	0	0	0	0	0	0
33	B. ESTIMATED	0	229,428	5,313	0	0	292,857	10,869	46,644	0	585,111
34											
35	C. TOTAL	0	229,428	5,313	0	0	292,857	10,869	46,644	0	585,111
36											
37	C/I NEW CONSTRUCTION (90824)										
38	A. ACTUAL	0	0	0	0	0	0	0	0	0	0
39	B. ESTIMATED	0	17,529	279	0	4,998	17,196	669	2,667	0	43,338
40											
41	C. TOTAL	0	17,529	279	0	4,998	17,196	669	2,667	0	43,338
42											
43	HOME ENERGY CHECK (90825)										
44	A. ACTUAL	39,969	228,862	3,180	63,268	1,489	0	19,039	43,483	0	399,290
45	B. ESTIMATED	79,082	189,088	2,812	22,306	141,231	96,105	10,155	76,523	0	617,302
46											
47	C. TOTAL	119,051	417,950	5,992	85,574	142,720	96,105	29,194	120,006	0	1,016,592



FLORIDA POWER CORPORATION  
 CONSERVATION PROGRAM COSTS  
 OCTOBER and NOVEMBER, 1995 ACTUAL  
 DECEMBER, 1995 through MARCH, 1996 ESTIMATED

FPSC DOCKET NO. 960002-EG  
 FLORIDA POWER CORPORATION  
 WITNESS: M. F. JACOB  
 EXHIBIT NO: -  
 MFJ - 1  
 SCHEDULE C - 3  
 PAGE 2 OF 12  
 JANUARY 22, 1996

PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
		PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER		
1 RESID A/C REPLACEMENT (90833)										
2 A. ACTUAL	0	8,146	0	636	0	4,491	415	5,336	0	19,022
3 B. ESTIMATED	0	9,092	104	11,384	268	3,877	278	3,005	0	28,008
4										
5 C. TOTAL	0	17,238	104	12,020	268	8,368	693	8,341	0	47,030
6										
7 RESID A/C SERVICE (90834)										
8 A. ACTUAL	0	(167)	0	0	0	0	0	0	0	(167)
9 B. ESTIMATED	0	126	1	48	1	88	0	15	0	279
10										
11 C. TOTAL	0	(41)	1	48	1	88	0	15	0	112
12										
13 INTERRUPTIBLE SERVICE (90870/90871)										
14 A. ACTUAL	0	968	0	0	0	3,219,413	39	13,277	0	3,233,697
15 B. ESTIMATED	0	10,819	2,415	2,378	246	5,948,138	423	5,643	0	5,970,062
16										
17 C. TOTAL	0	11,787	2,415	2,378	246	9,167,551	462	18,920	0	9,203,759
18										
19 QUALIFYING FACILITY (90842)										
20 A. ACTUAL	0	41,990	0	538	0	0	103	132,213	0	174,845
21 B. ESTIMATED	0	109,898	1,875	25,695	0	0	1,048	24,633	0	163,149
22										
23 C. TOTAL	0	151,888	1,875	26,233	0	0	1,151	156,846	0	337,994
24										
25 TRADE EFFICIENCY (90844)										
26 A. ACTUAL	0	19,428	134	0	0	0	1,657	70	0	21,289
27 B. ESTIMATED	0	6,839	47	48	1	793	569	134	0	8,431
28										
29 C. TOTAL	0	26,267	181	48	1	793	2,226	204	0	29,720
30										
31 HOME ENERGY FIXUP (90845)										
32 A. ACTUAL	0	1,344	0	0	0	3,500	123	150	0	5,117
33 B. ESTIMATED	0	1,484	9	48	1	3,547	91	527	0	5,707
34										
35 C. TOTAL	0	2,828	9	48	1	7,047	214	677	0	10,824
36										
37 CURTAILABLE SERVICE (90872/90873)										
38 A. ACTUAL	0	236	4,158	727	0	126,562	91	3,111	0	134,886
39 B. ESTIMATED	0	3,510	1,416	935	206	269,853	129	1,637	0	277,686
40										
41 C. TOTAL	0	3,746	5,574	1,662	206	396,415	220	4,748	0	412,572



FLORIDA POWER CORPORATION  
 CONSERVATION PROGRAM COSTS  
 OCTOBER and NOVEMBER, 1995 ACTUAL  
 DECEMBER, 1995 through MARCH, 1996 ESTIMATED

FPSC DOCKET NO. 960002-EG  
 FLORIDA POWER CORPORATION  
 WITNESS: M. F. JACOB  
 EXHIBIT NO: -  
 MFJ - 1  
 SCHEDULE C - 3  
 PAGE 3 OF 12  
 JANUARY 22, 1996

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER		
1	C/I A/C DUCT TEST/REPAIR (90851)										
2	A. ACTUAL	16	(19)	0	0	0	0	0	2,985	0	2,982
3	B. ESTIMATED	28	68	0	48	1	502	0	1,037	0	1,684
4											
5	C. TOTAL	44	49	0	48	1	502	0	4,022	0	4,666
6											
7	C/I INTERIOR LIGHTING (90852)										
8	A. ACTUAL	0	16,743	0	0	0	38,755	840	0	0	56,339
9	B. ESTIMATED	0	7,916	3	48	1	37,364	280	168	0	45,780
10											
11	C. TOTAL	0	24,659	3	48	1	76,119	1,120	168	0	102,119
12											
13	C/I HVAC SERVICE (90853)										
14	A. ACTUAL	0	0	0	0	0	0	0	0	0	0
15	B. ESTIMATED	0	42	0	48	1	243	0	0	0	334
16											
17	C. TOTAL	0	42	0	48	1	243	0	0	0	334
18											
19	C/I ENERGY FIXUP (90854)										
20	A. ACTUAL	0	13	0	0	0	5,920	0	0	0	5,933
21	B. ESTIMATED	0	47	0	48	1	2,216	0	0	0	2,312
22											
23	C. TOTAL	0	60	0	48	1	8,136	0	0	0	8,245
24											
25	C/I HVAC REPLACEMENT (90855)										
26	A. ACTUAL	0	924	0	20	0	139	69	149	0	1,301
27	B. ESTIMATED	0	943	0	1,123	26	1,044	35	262	0	3,433
28											
29	C. TOTAL	0	1,867	0	1,143	26	1,183	104	411	0	4,734
30											
31	MOTOR REPLACEMENT (90856)										
32	A. ACTUAL	0	1,321	0	0	0	9,660	75	0	0	11,056
33	B. ESTIMATED	0	846	0	0	0	7,211	47	0	0	8,104
34											
35	C. TOTAL	0	2,167	0	0	0	16,871	122	0	0	19,160
36											
37	INNOVATION INCENTIVE (90860)										
38	A. ACTUAL	0	7,634	48	0	0	50,183	325	10	0	58,199
39	B. ESTIMATED	0	42,508	651	405	2,521	72,503	1,678	6,137	0	126,403
40											
41	C. TOTAL	0	50,142	699	405	2,521	122,686	2,003	6,147	0	184,602





FLORIDA POWER CORPORATION

SCHEDULE OF CAPITAL INVESTMENTS, DEPRECIATION & RETURN  
OCTOBER and NOVEMBER, 1995 ACTUAL  
DECEMBER, 1995 through MARCH, 1996 ESTIMATED

FPSC DOCKET NO. 960002-EG  
FLORIDA POWER CORPORATION  
WITNESS: M. F. JACOB  
EXHIBIT NO. -  
MFJ - 1  
SCHEDULE C - 3  
PAGE 6 OF 12  
JANUARY 22, 1996

LINE NO.	-----ACTUAL-----			-----ESTIMATED-----			TOTAL	
	95 OCT	NOV	DEC	96 JAN	FEB	MAR		
ENERGY MANAGEMENT ADMIN/SVC (90874-90877)								
1	INVESTMENT	\$0	\$0	\$0	\$5,440	\$5,440	\$5,440	\$16,320
2	RETIREMENTS	0	147,942	102,472	0	0	73,279	323,693
3	DEPRECIATION BASE	9,549,367	9,475,396	9,350,189	9,301,673	9,307,113	9,275,914	
4	DEPRECIATION EXPENSE	159,156	157,924	155,837	155,028	155,119	154,599	937,663
5	CUMULATIVE INVESTMENT	9,549,367	9,401,425	9,298,953	9,304,393	9,309,833	9,241,994	9,241,994
6	LESS: ACC. DEPRECIATION	3,256,964	3,266,946	3,320,311	3,475,339	3,630,458	3,711,778	3,711,778
7	NET INVESTMENT	6,292,403	6,134,479	5,978,642	5,829,054	5,679,375	5,530,216	5,530,216
8	AVERAGE INVESTMENT	6,371,981	6,213,441	6,056,561	5,903,848	5,754,215	5,604,796	
9	RETURN ON AVERAGE INVESTMENT	44,444	43,339	42,245	41,179	40,136	39,093	250,436
10	RETURN REQUIREMENTS	61,517	59,988	58,474	56,998	55,555	54,111	346,643
11	PROGRAM TOTAL	\$220,673	\$217,912	\$214,311	\$212,026	\$210,674	\$208,710	\$1,284,306
RESID A/C DUCT TEST/REPAIR (90831)								
12	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	RETIREMENTS	0	0	0	0	0	0	0
14	DEPRECIATION BASE	16,734	16,734	16,734	16,734	16,734	16,734	
15	DEPRECIATION EXPENSE	279	279	279	279	279	279	1,674
16	CUMULATIVE INVESTMENT	16,734	16,734	16,734	16,734	16,734	16,734	16,734
17	LESS: ACC. DEPRECIATION	12,587	12,866	13,145	13,424	13,703	13,982	13,982
18	NET INVESTMENT	4,147	3,868	3,589	3,310	3,031	2,752	2,752
19	AVERAGE INVESTMENT	4,287	4,008	3,729	3,450	3,171	2,892	
20	RETURN ON AVERAGE INVESTMENT	30	28	26	24	23	20	151
21	RETURN REQUIREMENTS	41	39	36	33	32	28	209
22	PROGRAM TOTAL	\$320	\$318	\$315	\$312	\$311	\$307	\$1,883
CONSERVATION PROGRAM ADMIN (90835)								
23	INVESTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24	RETIREMENTS	0	0	0	0	0	0	0
25	DEPRECIATION BASE	3,446,841	3,446,841	3,446,841	3,446,841	3,446,841	3,446,841	
26	DEPRECIATION EXPENSE	57,447	57,447	57,447	57,447	57,447	57,447	344,682
27	CUMULATIVE INVESTMENT	3,446,841	3,446,841	3,446,841	3,446,841	3,446,841	3,446,841	3,446,841
28	LESS: ACC. DEPRECIATION	1,157,765	1,215,212	1,272,659	1,330,106	1,387,553	1,445,000	1,445,000
29	NET INVESTMENT	2,289,076	2,231,629	2,174,182	2,116,735	2,059,288	2,001,841	2,001,841
30	AVERAGE INVESTMENT	2,317,800	2,260,353	2,202,906	2,145,459	2,088,012	2,030,565	
31	RETURN ON AVERAGE INVESTMENT	16,166	15,766	15,365	14,965	14,564	14,163	90,989
32	RETURN REQUIREMENTS	22,376	21,822	21,268	20,714	20,159	19,604	125,943
33	PROGRAM TOTAL	\$79,823	\$79,269	\$78,715	\$78,161	\$77,606	\$77,051	\$470,625







FLORIDA POWER CORPORATION

SCHEDULE OF INVESTMENTS, AMORTIZATION, & RETURN  
 OCTOBER and NOVEMBER, 1995 ACTUAL  
 DECEMBER, 1995 through MARCH, 1996 ESTIMATED

LINE NO.	-----ACTUAL-----			-----ESTIMATED-----				TOTAL
	OCT 95	NOV	DEC	JAN 96	FEB	MAR		
1	ENERGY MANAGEMENT ADMIN/SVC (90874-90877)							
2	LOAD CONTROL RECEIVERS, SWITCHES,							
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								

NOTE: DEPRECIATION EXPENSE IS CALCULATED USING A MONTHLY RATE OF .0166667 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-E1). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%.





FLORIDA POWER CORPORATION  
 ENERGY CONSERVATION ADJUSTMENT  
 CALCULATION OF TRUE-UP  
 OCTOBER and NOVEMBER, 1995 ACTUAL  
 DECEMBER, 1995 through MARCH, 1996 ESTIMATED

LINE NO.	-----ACTUAL-----			-----ESTIMATED-----				TOTAL
	95 OCT	NOV	95 DEC	96 JAN	FEB	MAR		
1		\$0	\$0	\$0	\$0	\$0	\$0	\$0
2								
3		0	0	0	0	0	0	0
4								
5		0	0	0	0	0	0	0
6								
7		0	0	0	0	0	0	0
8								
9		0	0	0	0	0	0	0
10		-----	-----	-----	-----	-----	-----	-----
11		0	0	0	0	0	0	0
12								
13		7,703,776	6,481,184	5,983,643	6,681,610	6,414,726	6,022,774	39,287,713
14		-----	-----	-----	-----	-----	-----	-----
15		7,703,776	6,481,184	5,983,643	6,681,610	6,414,726	6,022,774	39,287,713
16								
17		193,420	193,420	193,420	193,420	193,420	193,420	1,160,520
18								
19		0	0	0	0	0	0	0
20		-----	-----	-----	-----	-----	-----	-----
21								
22		7,897,196	6,674,604	6,177,063	6,875,030	6,608,146	6,216,194	40,448,233
23								
24		6,629,783	7,189,362	6,826,279	7,071,281	6,958,582	7,440,897	42,116,184
25		-----	-----	-----	-----	-----	-----	-----
26		(1,267,413)	514,757	649,216	196,251	350,436	1,224,702	1,667,951
27								
28		(46,949)	(47,486)	(43,755)	(40,990)	(38,933)	(34,383)	(252,496)
29								
30								
31		(9,044,353)	(10,165,295)	(9,480,250)	(8,681,369)	(8,332,688)	(7,827,765)	(9,044,353)
32								
33								
34		0	24,353	0	0	0	0	24,353
35								
36		193,420	193,420	193,420	193,420	193,420	193,420	1,160,520
37		-----	-----	-----	-----	-----	-----	-----
38		(\$10,165,295)	(\$9,480,250)	(\$8,681,369)	(\$8,332,688)	(\$7,827,765)	(\$6,444,025)	(\$6,444,025)
39		-----	-----	-----	-----	-----	-----	-----
40								
41		Summary of Allocation:		4\96-9\96 FORECAST	10\96-3\97 FORECAST	12 Mnth Period FORECAST	RATIO	TRUE UP
42				-----	-----	-----	-----	-----
43								
44				\$6,562,328	6,514,600	\$13,076,927	15.95%	(1,027,822)
45								
46				34,918,369	33,982,037	68,900,406	84.05%	(5,416,203)
47				-----	-----	-----	-----	-----
48				\$41,480,696	\$40,496,637	81,977,333	100.00%	(6,444,025)
				-----	-----	-----	-----	-----

FLORIDA POWER CORPORATION  
 CALCULATION OF INTEREST PROVISION  
 OCTOBER and NOVEMBER, 1995 ACTUAL  
 DECEMBER, 1995 through MARCH, 1996 ESTIMATED

LINE NO.	-----ACTUAL-----		-----ESTIMATED-----				TOTAL
	95 OCT	NOV	95 DEC	96 JAN	FEB	MAR	
1 BEGINNING TRUE-UP AMOUNT	(9,044,353)	(10,165,295)	(9,480,250)	(8,681,369)	(8,332,688)	(7,827,765)	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(10,118,346)	(9,457,117)	(8,637,614)	(8,291,698)	(7,788,832)	(6,409,642)	
3 TOTAL BEGINNING & ENDING TRUE-UP	(\$19,162,699)	(\$19,622,412)	(\$18,117,864)	(\$16,973,067)	(\$16,121,520)	(\$14,237,407)	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(\$9,581,349)	(\$9,811,206)	(\$9,058,932)	(\$8,486,534)	(\$8,060,760)	(\$7,118,704)	
5 INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	5.940%	5.810%	5.800%	5.800%	5.800%	5.800%	
6 INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	5.810%	5.800%	5.800%	5.800%	5.800%	5.800%	
7 TOTAL (LINE 5 AND LINE 6)	11.750%	11.610%	11.600%	11.600%	11.600%	11.600%	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	5.875%	5.805%	5.800%	5.800%	5.800%	5.800%	
9 MONTHLY AVERAGE INTEREST RATE (LINE 8/12)	0.490%	0.484%	0.483%	0.483%	0.483%	0.483%	
10 INTEREST PROVISION (LINE 4 * LINE 9)	(\$46,949)	(\$47,486)	(\$43,755)	(\$40,990)	(\$38,933)	(\$34,383)	(\$252,496)

---

**SCHEDULE C-4**  
**APRIL 1995 THROUGH MARCH 1996**

---

CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES  
 FOR THE PERIOD: APRIL 1995 THROUGH MARCH 1996

	MONTH	JURISDICTIONAL MWH SALES (EFF.)	BASE REVENUES	CLAUSE REVENUE NET OF REVENUE TAXES
	1996			
1	APRIL	2,155,302	\$0	\$5,297,332
2	MAY	2,243,360	\$0	\$5,513,002
3	JUNE	2,661,105	\$0	\$6,652,870
4	JULY	2,927,885	\$0	\$7,394,870
5	AUGUST	3,015,433	\$0	\$7,632,909
6	SEPTEMBER	2,995,438	\$0	\$7,558,051
7	OCTOBER	2,692,198	\$0	\$6,736,406
8	NOVEMBER	2,278,950	\$0	\$5,602,013
9	DECEMBER	2,304,545	\$0	\$5,699,091
	1997			
10	JANUARY	2,422,201	\$0	\$6,089,609
11	FEBRUARY	2,337,898	\$0	\$5,859,669
12	MARCH	<u>2,215,599</u>	<u>\$0</u>	<u>\$5,498,287</u>
13	TOTAL	<u>30,249,914</u>	<u>\$0</u>	<u>\$75,534,108</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 three versions of this audit: the free walk-thru, the paid walk-thru (\$15 charge) and the mail-in audit.

**Program Projections for April, 1996 through March, 1997:** It is estimated that 23,426 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$1,016,592.

**Program Progress Summary:** The new version of this program was approved in late 1995, and is a consolidation of FPC's previous Home Energy Check and Home Energy Analysis programs, supplemented by the mail-in audit option. The new version of this program had no completions in 1995. The old version of the Home Energy Check had 15,165 Home Energy Check completions and 15,272 Mail In Audit completions.

**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, roof insulation upgrade and duct leakage and repair.

**Program Projections for April, 1996 through March, 1997:** It is estimated that 11,406 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$585,111.

**Program Progress Summary:** Program was approved in late 1995. There have been no completions to date.

**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, 1996 through March, 1997:** It is estimated that 1,738 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$237,702.

**Program Progress Summary:** Program was approved in late 1995. There have been no completions to date.



**Program Description and Progress**

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

**Program Description:** The Residential Energy Management Program is a direct load control program that reduces FPC's demand during peak or emergency conditions by temporarily interrupting selected customer equipment 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, 1996 through March, 1997:** It is estimated that there will be 16,096 new participants in the residential program and 36 new participants in the commercial program during the projection period.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are projected to be \$26,067,665.

**Program Progress Summary:** The new version of this program was approved in late 1995, and replaces the Load Management program. A tariff change for the old program occurred on April 1, 1995, followed by final Commission approval in December 1995, and is incorporated into the new version. The new version of this program had no completions in 1995. The old version had 12,989 completions.

**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 thorough computerized energy audit for non-residential facilities. For both portions, 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, 1996 through March, 1997:** It is estimated that 2,292 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$398,605.

**Program Progress Summary:** The new version of this program was approved in late 1995, and is a consolidation of FPC's previous Business Energy Check and Business Energy Analysis programs. The new version of this program had no completions in 1995. The old version of the Business Energy Check had 1,194 completions.

**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, 1996 through March, 1997:** It is estimated that 36,458 customers will participate in this program during the period.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$448,575.

**Program Progress Summary:** Program was approved in late 1995. There have been no completions to date.

**Program Description and Progress**

**Program Title:** C/I 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, 1996 through March, 1997:** It is estimated that 7,463 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$43,338.

**Program Progress Summary:** Program was approved in late 1995. There have been no completions to date.



**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 and process systems.

**Program Projections for April, 1996 through March, 1997:** It is estimated that 64 customers will participate in this program during the projection period.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$91,582.

**Program Progress Summary:** Program was approved in late 1995. There have been no completions to date.

**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 will receive an engineering evaluation. These actions may qualify for an incentive in order to shorten the "payback" time of the project.

**Program Projections for April, 1996 through March, 1997:** It is estimated that 7 projects will be completed during the projection period.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$184,602.

**Program Progress Summary:** The new version of the program was approved in late 1995 and had no 1995 completions. The old version of Innovation Incentive had 41 completions in 1995.

**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, 1996 through March, 1997:** It is estimated that there will be only one new participant in this program during the projection period.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$479,601.

**Program Progress Summary:** The new version of the program was approved in late 1995 and had no 1995 completions. The old version of Standby Generation had 21 completions in 1995.

**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 when a phase 3 capacity alert is experienced. The signal to operate the automatic switch on the customer's service is activated by the Energy Control Center. In return for this control capability, the customers receive a monthly rebate on their kW demand charge.

**Program Projections for April, 1996 through March, 1997:** No new participants are expected during the projection period.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$9,203,759.

**Program Progress Summary:** The new version of the program was approved in late 1995 and had no 1995 completions. The old version of Interruptible Service had 16 completions in 1995.



**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 when FPC is in a Phase 3 capacity alert. The curtailment is done voluntarily by the customer when notified by an FPC representative. In return for this cooperation, the customer receives a monthly rebate for the curtailable portion of their load.

**Program Projections for April, 1996 through March, 1997:** No new participants are expected during the projection period.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$412,572.

**Program Progress Summary:** The new version of the program was approved in late 1995 and had no 1995 completions. The old version of Curtailable Service had no completions in 1995.

**Program Description and Progress**

**Program Title:** Technology Development Program

**Program Description:** Florida Power Corporation will investigate technologies and pursue research, development and demonstration projects that may lead to the development of new cost-effective demand and energy efficiency programs.

**Program Projections for April, 1996 through March, 1997:** New technologies are being reviewed for demonstration consideration.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$207,536.

**Program Progress Summary:** This program was previously filed as Efficiency Program Development. Several technologies are in the final stages of being approved for demonstration evaluation. By mid-year, these technology demonstrations should be up and running for evaluation.

**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, 1996 through March, 1997:** Implement FPC's Natural Gas Research and Demonstration Project Plans as approved by the Commission in Docket No. 950535-EG. Anticipated project expenditures are for the Residential Heating/Cooling/Water Heating Demonstration Project. Specific expenditures for the Commercial Dehumidification Demonstration Project cannot be determined until after a technology and customer site has been selected.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$14,730.

**Program Progress Summary:** The residential demonstration project is in the final negotiating stages with the builder and the supplier of the natural gas technology for installation and monitoring.

**Program Description and Progress**

**Program Title:** Qualifying Facility

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

**Program Projections for April, 1996 through March, 1997:** Contracts for new facilities will continue to be negotiated when opportune.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses for this program are projected to be \$337,994.

**Program Progress Summary:** Approximately 100 MW of qualifying facility capacity were added in 1995, and total MW of qualifying facility capacity available at the end of 1995 was 1050 MW.



**Program Description and Progress**

**Program Title:** Home Energy Analysis  
(Filed as Home Energy Checkup)

**Program Description:** The Home Energy Analysis provides a complete analysis and computer generated report to the residential customer covering needed conservation measures and practices. Costs for implementing and savings resulting from recommended measures are estimated based on measurements for that specific residence. The "Star" rating of the residence is calculated. The Florida Power Auditor also explains other programs and incentives available to the customer for implementing conservation suggestions. There is a \$15 charge for the Home Energy Analysis

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed separately in 1995. It is now included in the Home Energy Check program.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated at \$4.

**Program Progress Summary:** There were no Home Energy Analysis completions during 1995.

**Program Description and Progress**

**Program Title:** Business Energy Analysis  
(Filed as Business Energy Analysis)

**Program Description:** This program provides a thorough computerized energy audit for commercial, industrial, government, and institutional customers' structures and operations. Sources of energy use are identified, and recommendations to reduce demand and consumption are made in writing. An economic analysis of the conservation opportunities is included. Other Florida Power programs and incentives to encourage implementing recommended actions are explained. There is a charge for the Analysis based on the customer's average monthly energy use. A portion of the audit cost may be returned to the customer as an incentive to implement the conservation suggestions.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed separately in 1995. It is now included in the Business Energy Check program.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$1,317.

**Program Progress Summary:** There were no Business Energy Analysis completions during 1995.

**Program Description and Progress**

**Program Title:** Residential Comfort Cash  
(Filed as Residential Comfort Cash Loan Program)

**Program Description:** This program provides reduced interest loans to residential customers for the implementation of major conservation measures recommended during an energy audit. Florida Power Corporation buys down the loan interest rates by four percentage points. Residential loans are limited to a maximum \$5,000.00 for a five year period.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$45,308.

**Program Progress Summary:** There were 227 Residential Comfort Cash completions during 1995.

**Program Description and Progress**

**Program Title:** Residential A/C Duct Test/Repair  
(Filed as Residential Blower Door)

**Program Description:** If the need is indicated during an energy audit, a test and inspection is made of central air conditioning and/or heating system duct work which identifies air leakage resulting in energy losses. The leaks are then repaired by participating contractors. Florida Power pays part of the cost of the test and/or the repair.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$128,526.

**Program Progress Summary:** There were 2,303 duct repairs completed in 1995.



**Program Description and Progress**

**Program Title:** Residential Insulation  
(Filed as Residential Insulation)

**Program Description:** This program encourages residential customers to install or add attic insulation to bring the R-value up to minimum recommended standards by paying part of the cost. The measure must be recommended on a Florida Power energy audit, and the customer must arrange for the installation.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$85,750.

**Program Progress Summary:** There were 3,714 Residential Insulation completions during 1995.

**Program Description and Progress**

**Program Title:** Residential A/C Replacement  
(Filed as Residential HVAC Allowance)

**Program Description:** Florida Power encourages the sale and installation of high efficiency air conditioning, heat pumps, heat-pump water heaters, and heat-recovery water heating by awarding incentives to dealers who sell equipment meeting minimum efficiency standards.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$47,030.

**Program Progress Summary:** There were 2,613 Residential A/C Replacement completions during 1995.

**Program Description and Progress**

**Program Title:** Residential A/C Service  
(Filed as Residential A/C Tuneup)

**Program Description:** The efficient operation of central air conditioners and heat pumps is encouraged by paying part of the cost of a tune-up if indicated as necessary during an energy audit.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$112.

**Program Progress Summary:** There were no completions during 1995.

**Program Description and Progress**

**Program Title:** Trade Efficiency A/C Test  
(Filed as Trade Ally)

**Program Description:** Florida Power will provide a Duct Test and Repair analysis for new model homes in its service area. If problems are found in the model, the builder must agree to revise his installation techniques to correct the problems in all subsequent homes built in that subdivision. Florida Power will also conduct seminars for builders, contractors, inspectors, and other trade influences on more efficient building techniques and products and better compliance with the State of Florida Energy Efficiency Code for Building Construction.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$29,720.

**Program Progress Summary:** There were 3,139 completions during 1995.



**Program Description and Progress**

**Program Title:** Home Energy Fixup

**Program Description:** The Home Energy Fixup provides minor weatherization services to Florida Power residential customers at a reduced cost. Services include caulking, weatherstripping, insulation of water heater and piping, attic access insulation, door sweeps, thresholds, installation of water flow restrictors and/or low-flow showerheads, electrical outlet gaskets, and duct taping. Florida Power pays 50% of the cost of the Fixup up to a \$75.00 maximum.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$10,824.

**Program Progress Summary:** There were 1,325 completions during 1995.

**Program Description and Progress**

**Program Title:** Commercial/Industrial A/C Duct Test/Repair  
(Filed as Commercial/Industrial Blower Door)

**Program Description:** If the need is indicated during an energy audit, a test and inspection is made of central air conditioning and/or heating system duct work which identifies air leakage resulting in energy losses. The leaks are then repaired by participating contractors. Florida Power pays part of the cost of the test and/or the repair.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$4,666.

**Program Progress Summary:** There were 23 commercial/industrial duct repairs completed in 1995.

**Program Description and Progress**

**Program Title:** C/I Comfort Cash Loan Program  
(Filed as Commercial & Industrial Comfort Cash Loan program)

**Program Description:** This program provides reduced interest loans to commercial and industrial customers for the implementation of major conservation measures recommended during an energy audit. Florida Power Corporation buys down the loan interest rates by four percentage points. Loans are limited to a maximum \$25,000.00 for a five year period per customer location.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$5,924.

**Program Progress Summary:** There were 19 completions in 1995.

**Program Description and Progress**

**Program Title:** Commercial/Industrial Interior Lighting  
(Filed as Indoor Lighting Incentive)

**Program Description:** Florida Power will rebate to the customer part of the cost of improving the energy efficiency of indoor lighting systems if the need is indicated during a Florida Power energy audit. Measures eligible for incentive include replacement of fluorescent lamps, replacement of ballasts, upgrading to high efficiency incandescent lamps, installation of silver-film reflectors, and permanent delamping.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$102,119.

**Program Progress Summary:** There were 387 completions in 1995.



**Program Description and Progress**

**Program Title:** Commercial/Industrial HVAC Service  
(Filed as Commercial/Industrial HVAC Tuneup)

**Program Description:** The efficient operation of central air conditioners and heat pumps is encouraged by paying part of the cost of a service if indicated as necessary during an energy audit.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$334.

**Program Progress Summary:** There were no C/I HVAC Service completions in 1995.

**Program Description and Progress**

**Program Title:** Commercial/Industrial Energy Fixup  
(Filed as Commercial/Industrial Fixup)

**Program Description:** The Fixup provides minor weatherization and energy conservation services to Florida Power commercial & industrial customers at a reduced cost. Services include caulking and weatherstripping, insulation of water heater and piping, door sweeps and thresholds, installation of window film, faucet aerators, and upgrading of lighting efficiency (replacement of less than 24 lamps).

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$8,245.

**Program Progress Summary:** There were 36 completions in 1995.

**Program Description and Progress**

**Program Title:** Commercial/Industrial HVAC Replacement  
(Filed as Commercial/Industrial HVAC Allowance)

**Program Description:** Florida Power encourages the sale and installation of high efficiency air conditioning, heat pumps, heat-pump water heaters, and heat-recovery water heating by awarding incentives to dealers who sell equipment meeting specified efficiency standards.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$4,734.

**Program Progress Summary:** There were 23 completions in 1995.

**Program Description and Progress**

**Program Title:** Motor Replacement  
(Filed as Commercial/Industrial Motor Efficiency)

**Program Description:** The Motor Replacement Program provides an incentive to Florida Power customers to improve the energy efficiency of new or replacement motors and thereby reduce the demand of their facilities.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Program expenditures during this period are estimated to be \$19,160.

**Program Progress Summary:** There were 46 completions in 1995.



**Program Description and Progress**

**Program Title:** Heat Pipe  
(Filed as Commercial/Industrial Heat Pipe Development)

**Program Description:** The Heat Pipe Program is designed to encourage the use of heat pipe technology in place of electric reheat humidity control systems. Florida Power will rebate to its customers a portion of the cost for the installation or retrofit of a heat pipe system meeting certain requirements which contribute to reducing system demand and/or consumption.

**Program Projections for April, 1996 through March, 1997:** This program was not re-filed in 1995.

**Program Fiscal Expenditures for October, 1995 through March, 1996:** Expenses in this period are expected to be \$0.

**Program Progress Summary:** There were 2 completions in 1995.