

**Florida
Power**
CORPORATION

JAMES A. MCGEE
SENIOR COUNSEL

September 27, 1999

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

ORIGINAL

Re: Docket No. 990002-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 concerning ECCR Projections for the Period January through December 2000 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 Word 97 format. Thank you for your assistance in this matter.

Very truly yours,

James A. McGee

1999 SEP 27 AM 10:06
FLORIDA
PUBLIC SERVICE COMMISSION
DIVISION OF
ADMINISTRATION

- AFA Vandwin
- APP _____
- CAF _____
- CMU _____
- CTR _____
- EAG _____
- LEG 1 cc: Parties of Record
- MAS 3 + org
- OPC _____
- PAI _____
- SEC 1
- WAW _____
- OTH _____

JAM/ams
Enclosure

DOCUMENT NUMBER-DATE

GENERAL OFFICE

11614 SEP 27 99

One Progress Plaza (33701) • Post Office Box 14042 • St. Petersburg, Florida 33733-4042 • (727) 820-5184 • Fax: (727) 820-5519

A Florida Progress Company

PPSC-RECORDS/REPORTING

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Energy Conservation Cost
Recovery Clause.

Docket No.990002-EG

Submitted for filing:
September 27, 1999

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the Testimony and Exhibits of Michael F. Jacob submitted by Florida Power Corporation has been furnished to the following individuals by regular U.S. Mail this 27th day of September, 1999:

Grace A. Jaye, 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
P. O. Box 13688
Tallahassee, FL 32317

Lee L. Willis, Esquire
James D. Beasley, Esquire
Ausley & 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

Ansley Watson, Jr., Esquire
Macfarlane, Ferguson &
McMullen
2300 First Florida Tower
111 Madison Street
Tampa, FL 33602

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, Decker, Kaufman,
Arnold & Steen, P.A.
400 N. Tampa Street, Suite 2450
Tampa, FL 33602

Joseph A. McGlothlin, Esquire
Vicki Gordon Kaufman, Esquire
McWhirter, Reeves, McGlothlin,
Davidson, Decker, Kaufman,
Arnold & Steen, P.A.
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.
1114 Thomasville Road, Suite E
Tallahassee, FL 32303-6290

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

Vernon Krutsinger
Manager of Energy Utilization
Peoples Gas System, Inc.
P.O. Box 2562
Tampa, FL 33601-2562

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

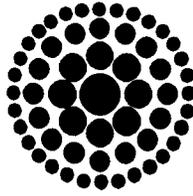
William B. Watson, III
Watson, Folds, Steadham,
Sproull, Christman & Brashear
P. O. Box 1070
Gainesville, FL 32602

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



James A. McGee



ORIGINAL

**Florida
Power**
CORPORATION

**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

DOCKET No. 990002-EG

**ECCR PROJECTIONS
JANUARY THROUGH DECEMBER 2000**

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

For Filing September 27, 1999

DOCUMENT NUMBER-DATE
11614 SEP 27 1999
FPSC-RECORDS/REPORTING

FLORIDA POWER CORPORATION

DOCKET No. 990002-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, One Power Plaza, 263 13th Avenue South, St. Petersburg,
4 Florida, 33701-5511.

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

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

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

12 A. Yes.

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

15 A. The purpose of my testimony is to describe the components and costs of
16 the Company's Demand-Side Management Plan as approved by the Florida
17 Public Service Commission. I will detail the projected costs for
18 implementing each program in that plan, explain how these costs are

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presented in the attached exhibit, and show the resulting conservation adjustment factors (in \$/1,000 kWh).

My testimony also covers the calculation of the final true-up amount for residential revenue decoupling for 1997 and the calculation of the final estimated true-up balance of \$6,699,054 (under-recovery) which has been incorporated in the calculation of the Energy Conservation Cost Recovery Factor.

Q. Do you have any Exhibits to your testimony?

A. Yes, Exhibit No. ___ (MFJ-1) consists of six schedules. Schedules C-1 through C-5 present Energy Conservation Cost Recovery Clause Calculations for the Period January 2000 through December 2000. Schedule C-6 presents the calculation of the final revenue decoupling true-up amount for 1997.

Q. For what programs does FPC seek recovery?

A. FPC is seeking to recover those costs allowed pursuant to Rule 25-17.015 of the Florida Administrative Code, as adopted by the Florida Public Service Commission, for each of the following programs as well as for Conservation Program Administration (those common administration expenses not specifically linked to an individual program).

- 1 • Home Energy Check
- 2 • Home Energy Improvement
- 3 • Residential New Construction
- 4 • Energy Management (Includes Residential and Commercial
- 5 Energy Management and Load Management Switches.)
- 6 • Business Energy Check
- 7 • Better Business
- 8 • Commercial/Industrial New Construction
- 9 • Innovation Incentive
- 10 • Standby Generation
- 11 • Interruptible Service
- 12 • Curtailable Service
- 13 • Technology Development
- 14 • Gas Demonstration
- 15 • Qualifying Facility

16

17 **Q. Have any unusual costs been included in Florida Power's reprojecton of**

18 **its 1999 estimated/actual true-up amount?**

19 A. Yes. Schedule C-3, page 2 of 9, shows that the estimated/actual true-

20 up amount includes a one-time QF contract negotiation/administration

21 cost of \$1,000,000 under its approved Qualifying Facility program.

22 This cost represents the fee required to retain the consulting services of

1 the investment banking firm of Goldman, Sachs & Co. in connection
2 with the negotiations that led to the agreement between Florida Power
3 and El Paso Power Services recently approved by the Commission in
4 Order No. PSC-99-1623-PAA-EQ, issued August 18, 1999 in Docket
5 No. 990723-EQ, and consummated by Order No. PSC-99-1789-CO-EQ,
6 issued September 14, 1999. The El Paso agreement restructured three
7 of Florida Power's then-existing, long term QF contracts, which
8 included a substantial reduction in the contracts' capacity charges that
9 will provide ratepayer savings of well over \$100 million on a net
10 present value basis. These savings will commence immediately upon
11 closing of the transaction, which is expected to occur in October 1999,
12 and have been reflected in Florida Power's contemporaneous Fuel and
13 Capacity Cost Recovery filing for calendar year 2000.

14
15 Florida Power seeks recovery of this cost because, given the financial
16 complexity and magnitude of the restructuring agreement, the services
17 of a firm with the stature and expertise of Goldman, Sachs were
18 deemed by the Company to be essential to the successful negotiation
19 of that agreement and to the substantial savings its customers stand to
20 receive as a result of those negotiations. This cost was incurred under
21 an approved conservation program as part of Florida Power's efforts to
22 prudently administer the three then-existing QF contracts through the
23 negotiation of a new, more cost-effective agreement. As such, these

1 costs are clearly distinguishable from the utilities' non-program-specific
2 costs of participating in the 1994 Conservation Goals docket that were
3 disallowed by the Commission.
4

5 **Q. What is included in your Exhibit?**

6 A. Exhibit No. ___ (MFJ-1) consists of Schedules C-1 through C-6. Schedule
7 C-1 provides a summary of cost recovery clause calculations and
8 information by retail rate schedule. Schedule C-2 provides the monthly
9 and total conservation program cost estimates during the January 2000
10 through December 2000 projection period for each conservation program
11 as well as for common administration expenses. Additionally, Schedule
12 C-2 presents the program costs by specific category (i.e. payroll, materials,
13 incentives, etc.) and includes a schedule of estimated capital investments,
14 depreciation and return for the projection period.
15

16 Schedule C-3 contains a detailed breakdown of conservation program
17 costs by specific category and by month for the actual/estimated period of
18 January through August 1999 (actual) and September 1999 through
19 December 1999 (estimated). In addition, Schedule C-3 presents a
20 schedule of capital investment, depreciation and return, an energy
21 conservation adjustment calculation of true-up, and a calculation of interest
22 provision for the actual/estimated period of January 1999 through
23 December 1999. Schedule C-4 projects Energy Conservation Cost

1 Recovery (ECCR) revenues during the January 2000 through December
2 2000 projection period. Schedule C-5 presents a brief description of each
3 program, as well as a summary of progress and projected expenditures for
4 each program for which FPC seeks cost recovery as part of the Energy
5 Conservation Cost Recovery Clause. Schedule C-6 presents the
6 calculation of the final revenue decoupling true-up amount for 1997.

7
8 **Q. Would you please summarize the major results from your Exhibit?**

9 A. Schedule C-2, Page 1 of 6, Line 21, shows total net program costs of
10 \$72,773,441 for the January 2000 through December 2000 projection
11 period.

12
13 The following table presents the projected conservation cost recovery
14 charge in dollars per 1,000 kilowatt-hours by retail rate class for the time
15 period January 2000 through December 2000, as contained in Schedule
16 C-1, Page 1 of 4, Lines 18 – 21.

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

2

	Secondary	Primary	Transmission
<u>Retail Rate Schedule</u>	<u>Voltage</u>	<u>Voltage</u>	<u>Voltage</u>
4 Residential	\$2.40	N/A	N/A
5 General Service Non-Demand	\$1.64	\$1.62	\$1.61
6 General Service 100% Load Factor	\$1.21	N/A	N/A
7 General Service Demand	\$1.41	\$1.40	\$1.38
8 Curtailable	\$1.23	\$1.22	\$1.21
9 Interruptible	\$1.16	\$1.15	\$1.14
10 Lighting	\$0.60	N/A	N/A

11

12 Revenue Decoupling

13 **Q. What is the final Revenue Decoupling true-up amount for 1997?**

14 A. The initial true-up amount for 1997 was an under-recovery of
15 \$22,905,204. The final true-up amount, based on the final revision of
16 1997 Florida total personal income, is an under-recovery of \$26,252,309,
17 a change of \$3,347,105.

18

19 **Q. How was this amount calculated?**

20 A. This amount was computed in accordance with Commission Order No.
21 PSC-95-0097-FOF-EI and is based on revised estimates of actual 1997
22 Florida personal income as released in October, 1998. The final estimate
23 (in millions of 1987\$) is \$268,785 compared to the approved base value

1 of \$256,335. Applying the regression coefficient of 0.02221, which
2 relates personal income to residential usage, raises the approved base level
3 residential use per customer of 13,289 by 277 kWh. The final 1997
4 targeted level of residential kWh use per customer becomes 13,556. This
5 usage, priced at residential rates and multiplied by actual average
6 customers produces a revenue target of \$754,604,306. Actual base
7 revenues collected in 1997 were \$728,351,997. The difference between
8 these two figures is the final 1997 true-up amount of \$26,252,309.
9 Detailed monthly calculations for the 1997 calendar year are presented on
10 Sheet 1 of Schedule C-6.

11
12 **Q. What is the source of the Personal Income values used in the calculation of**
13 **the use per customer target?**

14 **A.** The source of Florida Personal Income in nominal Dollars is the *Survey of*
15 *Current Business* published quarterly by the Bureau of Economic Analysis
16 (BEA), U.S. Department of Commerce. Personal income figures in the
17 October 1998 release were adjusted by adding back capital gains
18 distributions from mutual funds. These distributions were excluded from
19 the October personal income estimates due to a change in methodology
20 that was adopted for the first time in this release. This adjustment was
21 necessary to make the October figures consistent with all other personal
22 income figures that had been used since the experiment was begun. Real
23 personal income was computed from the published figures by dividing the

1 nominal Dollar amounts by the Personal Consumption Expenditures Implicit
2 Price Deflator (PCE-IPD), published in the same document. Finally, monthly
3 values were computed from quarterly values using interpolation. This
4 methodology has been consistently used throughout the experiment and
5 has been reviewed by Staff.

6
7 **Q. How was the final true-up amount of \$6,699,054 (under-recovery)**
8 **calculated?**

9 A. The \$6,699,054 is the sum of the uncollected final estimated true-up
10 balance of \$2,982,551 million, the 1997 adjustment for personal income
11 of \$3,347,105, and interest from January 1, 1998 through December 31,
12 1999 in the amount of \$369,398. The 1997 final estimated true-up
13 balance of \$22,167,795 was amortized over 24 months on a kWh
14 weighted basis from April 1, 1998 through March 31, 2000. \$2,982,551
15 remains to be collected during January through March, 2000.

16
17 **Q. Does this conclude your direct testimony?**

18 A. Yes.

SCHEDULE C - 1

JANUARY 2000 THROUGH DECEMBER 2000

FLORIDA POWER CORPORATION
ENERGY CONSERVATION ADJUSTMENT
SUMMARY OF COST RECOVERY CLAUSE CALCULATIONS
FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

FPSC DOCKET NO. 990002-EG
FLORIDA POWER CORPORATION
MICHAEL F. JACOB
EXHIBIT NO. _____ (MFJ-1)
SCHEDULE C - 1
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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	60.467%	3.364%	0.125%	30.621%	0.382%	4.871%	0.170%	100.000%
2 DEMAND RELATED INCREMENTAL COSTS	\$37,190,981	\$2,069,070	\$76,883	\$18,833,827	\$234,954	\$2,995,969	\$104,561	\$61,506,244
3 DEMAND PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$7,565,716)	(\$420,908)	(\$15,640)	(\$3,831,342)	(\$47,796)	(\$609,466)	(\$21,271)	(\$12,512,140)
4 TOTAL DEMAND RELATED INCREMENTAL COSTS	\$29,625,265	\$1,648,162	\$61,243	\$15,002,485	\$187,158	\$2,386,503	\$83,290	\$48,994,104
5 ENERGY ALLOCATION PERCENTAGE	49.516%	3.478%	0.188%	37.943%	0.555%	7.593%	0.727%	100.000%
6 ENERGY RELATED INCREMENTAL COSTS	\$5,579,065	\$391,873	\$21,182	\$4,275,113	\$62,533	\$855,518	\$81,913	\$11,267,197
7 ENERGY PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$1,085,616)	(\$76,254)	(\$4,122)	(\$831,883)	(\$12,168)	(\$166,473)	(\$15,939)	(\$2,192,455)
8 TOTAL ENERGY RELATED INCREMENTAL COSTS	\$4,493,449	\$315,619	\$17,060	\$3,443,230	\$50,365	\$689,045	\$65,974	\$9,074,742
9 TOTAL INCREMENTAL COSTS (LINE 2 + 6)	\$42,770,046	\$2,460,943	\$98,065	\$23,108,940	\$297,487	\$3,851,487	\$186,474	\$72,773,441
10 ECCR TRUE UP (O)/U RECOVERY (LINE 3+7)	(\$8,651,332)	(\$497,162)	(\$19,762)	(\$4,663,225)	(\$59,964)	(\$775,939)	(\$37,210)	(\$14,704,595)
11 DECOUPLING ADJUSTMENT CARRYOVER	\$2,982,551	\$0	\$0	\$0	\$0	\$0	\$0	\$2,982,551
12 DECOUPLING FINAL 1997 TRUEUP (INCLUDING INTEREST)	\$3,716,503	\$0	\$0	\$0	\$0	\$0	\$0	\$3,716,503
13 TOTAL (LINE 9+10+11)	\$40,817,768	\$1,963,781	\$78,303	\$18,445,715	\$237,523	\$3,075,548	\$149,264	\$64,767,900
14 RETAIL SALES MWH(@ EFFECTIVE VOLTAGE LEVEL SEE P. 4)	17,044,580	1,197,454	64,719	13,097,796	193,901	2,650,004	250,330	34,498,784
15 COST PER 1,000 KWH - ENERGY & DEMAND (LINE 12/13)	\$2.3948	\$1.6400	\$1.2099	\$1.4083	\$1.2250	\$1.1606	\$0.5963	
16 REGULATORY ASSESSMENT TAX EXPANSION FACTOR	1.000203	1.000203	1.000203	1.000203	1.000203	1.000203	1.000203	
17 ADJUSTMENT FACTOR ADJUSTED FOR TAXES	2.3953	1.6403	1.2101	1.4086	1.2252	1.1608	0.5964	
18 CONSERVATION ADJUSTMENT FACTOR \$/1,000 KWH								
19 @ SECONDARY VOLTAGE	\$2.40	\$1.64	\$1.21	\$1.41	\$1.23	\$1.16	\$0.60	
20 @ PRIMARY VOLTAGE (1% REDUCTION FACTOR)	N/A	\$1.62	N/A	\$1.40	\$1.22	\$1.15	N/A	
21 @ TRANSMISSION VOLTAGE (2% REDUCTION FACTOR)	N/A	\$1.61	N/A	\$1.38	\$1.21	\$1.14	N/A	

CALCULATION OF AVERAGE 12 CP AND ANNUAL AVERAGE DEMAND

FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

FPSC DOCKET NO. 990002-EG
 FLORIDA POWER CORPORATION
 MICHAEL F. JACOB
 EXHIBIT NO. _____ (MFJ-1)
 SCHEDULE C - 1
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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	17,044,580	0.515	3,778.11	0.9458216	3,994.53	17,044,580	0.9458216	18,020,925	2,057.18
II. GENERAL SERVICE NON-DEMAND									
TRANSMISSION	0	0.662	0.00	0.9790000	0.00	0	0.9790000	0	0.00
PRIMARY	7,604	0.662	1.31	0.9690000	1.35	7,604	0.9690000	7,847	0.90
SECONDARY	1,189,926	0.662	205.19	0.9458216	216.94	1,189,926	0.9458216	1,258,087	143.62
TOTAL	1,197,530		206.50		218.29	1,197,530		1,265,934	144.52
III. GS - 100% LF.	64,719	1.000	7.39	0.9458216	7.81	64,719	0.9458216	68,426	7.81
IV. GENERAL SERVICE DEMAND									
GSD-1 - TRANSMISSION	3,803	0.807	0.54	0.9790000					
SS-1 - TRANSMISSION	9,453	1.218	0.89	0.9790000					
SUBTOTAL - TRANSMISSION	13,256		1.43	0.9790000	1.46	13,256	0.9790000	13,540	1.55
GSD - PRIMARY	2,599,577	0.807	367.73	0.9690000					
SS-1 - PRIMARY	0	1.218	0.00	0.9690000					
SUBTOTAL - PRIMARY	2,599,577		367.73	0.9690000	379.49	2,599,577	0.9690000	2,682,742	306.25
GSD - SECONDARY	10,511,224	0.807	1,486.88	0.9458216	1,572.05	10,511,224	0.9458216	11,113,326	1,268.64
TOTAL	13,124,057		1,856.04		1,953.00	13,124,057		13,809,608	1,576.44
V. CURTAILABLE SERVICE									
CS - PRIMARY	192,411	0.966	22.74	0.9690000					
SS3 - PRIMARY	3,027	1.039	0.33	0.9690000					
SUBTOTAL - PRIMARY	195,438		23.07	0.9690000	23.81	195,438	0.9690000	201,690	23.02
CS - SECONDARY	417	0.966	0.05	0.9458216	0.05	417	0.9458216	441	0.05
TOTAL	195,855		23.12		23.86	195,855		202,131	23.07
VI. INTERRUPTIBLE SERVICE									
IS - TRANSMISSION	419,223	1.044	45.84	0.9790000		419,223			
SS-2 - TRANSMISSION	137,960	1.044	15.09	0.9790000		137,960			
SUBTOTAL - TRANSMISSION	557,183		60.93	0.9790000	62.24	557,183	0.9790000	569,135	64.97
IS - PRIMARY	1,994,497	1.044	218.09	0.9690000		1,994,497			
SS-2 - PRIMARY	44,331	1.044	4.85	0.9690000		44,331			
SUBTOTAL - PRIMARY	2,038,828		222.94	0.9690000	230.07	2,038,828	0.9690000	2,104,054	240.19
SECONDARY	85,524	1.044	9.35	0.9458216	9.89	85,524	0.9458216	90,423	10.32
TOTAL	2,681,535		293.22		302.20	2,681,535		2,763,612	315.48
VII. LIGHTING SERVICE	250,330	3.779	7.56	0.9458216	7.99	250,330	0.9458216	264,669	30.21
TOTAL RETAIL	34,558,606				6,507.68	34,558,606		36,395,305	4,154.71

CALCULATION OF DEMAND AND ENERGY ALLOCATORS

FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

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	3,994.53	61.381%	2,057.18	49.516%	56.659%	3.808%	60.467%
II. GENERAL SERVICE NON-DEMAND							
TRANSMISSION	0.00	0.000%	0.00	0.000%	0.000%	0.000%	0.000%
PRIMARY	1.35	0.021%	0.90	0.022%	0.019%	0.002%	0.021%
SECONDARY	216.94	3.334%	143.62	3.457%	3.078%	0.266%	3.344%
TOTAL	218.29	3.354%	144.52	3.478%	3.096%	0.268%	3.364%
III. GS - 100% L.F.	7.81	0.120%	7.81	0.188%	0.111%	0.014%	0.125%
IV. GENERAL SERVICE DEMAND							
TRANSMISSION	1.46	0.022%	1.55	0.037%	0.020%	0.003%	0.023%
PRIMARY	379.49	5.831%	306.25	7.371%	5.382%	0.567%	5.949%
SECONDARY	1,572.05	24.157%	1,268.64	30.535%	22.299%	2.349%	24.648%
TOTAL	1,953.00	30.011%	1,576.44	37.943%	27.702%	2.919%	30.621%
V. CURTAILABLE SERVICE							
PRIMARY	23.81	0.366%	23.02	0.554%	0.338%	0.043%	0.381%
SECONDARY	0.05	0.001%	0.05	0.001%	0.001%	0.000%	0.001%
TOTAL	23.86	0.367%	23.07	0.555%	0.339%	0.043%	0.382%
VI. INTERRUPTIBLE SERVICE							
TRANSMISSION	62.24	0.956%	64.97	1.564%	0.882%	0.120%	1.002%
PRIMARY	230.07	3.535%	240.19	5.781%	3.263%	0.445%	3.708%
SECONDARY	9.89	0.152%	10.32	0.248%	0.140%	0.019%	0.159%
TOTAL	302.20	4.644%	315.48	7.593%	4.287%	0.584%	4.871%
VII. LIGHTING SERVICE	7.99	0.123%	30.21	0.727%	0.114%	0.056%	0.170%
TOTAL RETAIL	6,507.68	100.000%	4,154.71	100.000%	92.308%	7.692%	100.000%

PROJECTED MWH SALES
 AT EFFECTIVE VOLTAGE LEVEL
 FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

RATE CLASS	(1) MWH SALES @ METER LEVEL	(2) VOLTAGE ADJUSTMENT	(3) MWH SALES @ EFFECTIVE LEVEL
I. RESIDENTIAL SERVICE	17,044,580	100%	17,044,580
II. GENERAL SERVICE NON-DEMAND			
TRANSMISSION	0	98%	0
PRIMARY	7,604	99%	7,528
SECONDARY	1,189,926	100%	1,189,926
TOTAL	1,197,530		1,197,454
III. GS - 100% L.F.	64,719	100%	64,719
IV. GENERAL SERVICE DEMAND			
SS-1/GSD - TRANSMISSION	13,256	98%	12,991
GSD - PRIMARY	2,599,577	99%	2,573,581
SS-1 - PRIMARY	0	99%	0
SUBTOTAL - PRIMARY	2,599,577		2,573,581
GSD - SECONDARY	10,511,224	100%	10,511,224
TOTAL	13,124,057		13,097,796
V. CURTAILABLE SERVICE			
PRIMARY	195,438	99%	193,484
SECONDARY	417	100%	417
TOTAL	195,855		193,901
VI. INTERRUPTIBLE SERVICE			
IS - TRANSMISSION	419,223	98%	410,839
SS-2 - TRANSMISSION	137,960	98%	135,201
SUBTOTAL - TRANSMISSION	557,183		546,040
IS - PRIMARY	1,994,497	99%	1,974,552
SS-2 - PRIMARY	44,331	99%	43,888
SUBTOTAL - PRIMARY	2,038,828		2,018,440
IS-1 - SECONDARY	85,524	100%	85,524
TOTAL	2,681,535		2,650,004
VII. LIGHTING SERVICE	250,330	100%	250,330
TOTAL RETAIL	34,558,606		34,498,784

SCHEDULE C - 2

JANUARY 2000 THROUGH DECEMBER 2000

FLORIDA POWER CORPORATION

ESTIMATED CONSERVATION PROGRAM COSTS
FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

FPSC DOCKET NO. 990002-EG
FLORIDA POWER CORPORATION
WITNESS: M. F. JACOB
EXHIBIT NO: _____ (MFJ - 1)
SCHEDULE C - 2
PAGE 1 OF 6
SEPTEMBER 27, 1999

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	12 MONTH TOTAL			
1	BETTER BUSINESS (908.15) (E)	\$ 240,125			
2	RESIDENTIAL NEW CONSTRUCT (908.22) (E)	1,109,451			
3	HOME ENERGY IMPROVEMENT (908.23) (E)	3,215,204			
4	C/I NEW CONSTRUCTION (908.24) (E)	94,647			
5	HOME ENERGY CHECK (908.25) (E)	2,960,445			
6	BUSINESS ENERGY CHECK (908.28) (E)	235,245			
7	CONSERVATION PROGRAM ADMIN (908.35) (E)	2,666,451			
8	CONSERVATION PROGRAM ADMIN (908.35) (D)	293,853			
9	QUALIFYING FACILITY (908.42) (E)	368,913			
10	INNOVATION INCENTIVE (908.60) (E)	166,250			
11	TECHNOLOGY DEVELOPMENT (908.65) (E)	210,466			
12	STANDBY GENERATION (908.69) (D)	579,941			
13	INTERRUPTIBLE SERVICE (908.70 & .71) (D)	21,030,922			
14	CURTAILABLE SERVICE (908.72 & .73) (D)	675,000			
15	RES ENERGY MANGMNT-ADMIN (908.75 & .77) (D)	32,598,477			
16	RES ENERGY MANGMNT-EQUIP SVC (908.76) (D)	3,138,013			
17	LOAD MANAGEMENT SWITCHES (908.80) (D)	2,438,672			
18	COM ENERGY MANGMNT-ADMIN (908.85 & .87) (D)	720,866			
19	COM ENERGY MANGMNT-EQUIP SVC (908.86) (D)	30,500			
20					
21	NET PROGRAM COSTS	<u>\$ 72,773,441</u>			
22					
23	<u>SUMMARY OF DEMAND & ENERGY</u>				
24		12 Months Total	Prior Period True - up Sch C-3 p 9	1997 Revenue Decoupling True-up	Total Costs with True - up
25					
26					
27	ENERGY	\$ 11,267,197	\$ (2,192,455)	-	\$ 9,074,742
28					
29	DEMAND	61,506,244	(12,512,140)	-	48,994,104
30					
31	REVENUE DECOUPLING	-	2,982,551	3,716,503	6,699,054
32					
33	TOTAL	<u>\$ 72,773,441</u>	<u>\$ (11,722,044)</u>	<u>\$ 3,716,503</u>	<u>\$ 64,767,900</u>

FLORIDA POWER CORPORATION
ESTIMATED CONSERVATION PROGRAM COSTS
FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

FPSC DOCKET NO. 990002-EG
FLORIDA POWER CORPORATION
WITNESS: M. F. JACOB
EXHIBIT NO: _____ (MFJ - 1)
SCHEDULE C - 2
PAGE 2 OF 6
SEPTEMBER 27, 1999

LINE NO.	PROGRAM TITLE Demand (D) of Energy (E)	ESTIMATED												TOTAL
		Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00	Dec-00	
1	BETTER BUSINESS (908.15) (E)	\$ 18,176	\$ 18,176	\$ 18,176	\$ 18,176	\$ 18,176	\$ 23,676	\$ 24,176	\$ 25,676	\$ 19,276	\$ 19,276	\$ 19,276	\$ 17,889	\$ 240,125
2	RESIDENTIAL NEW CONSTRUCT (908.22) (E)	69,219	143,184	61,506	130,458	93,583	76,130	89,949	82,221	90,571	94,056	92,204	86,370	1,109,451
3	HOME ENERGY IMPROVEMENT (908.23) (E)	195,760	209,397	231,453	350,053	240,116	389,928	341,968	352,279	245,492	231,179	233,517	194,062	3,215,204
4	CA NEW CONSTRUCTION (908.24) (E)	6,720	6,720	6,720	6,720	6,720	11,220	11,220	11,220	7,220	6,720	6,720	6,727	94,647
5	HOME ENERGY CHECK (908.25) (E)	233,617	256,084	244,578	273,440	263,515	230,310	228,691	251,067	240,362	240,359	260,187	238,237	2,960,445
6	BUSINESS ENERGY CHECK (908.28) (E)	14,522	14,522	14,777	15,031	15,031	71,131	15,031	15,031	15,031	15,031	15,031	15,076	235,245
7	CONSERVATION PROGRAM ADMIN (908.35) (E)	217,160	215,770	225,246	229,781	218,681	225,443	218,774	218,900	218,781	232,878	225,691	219,346	2,666,451
8	CONSERVATION PROGRAM ADMIN (908.35) (D)	23,958	23,813	24,861	25,347	24,102	24,854	24,102	24,104	24,093	25,648	24,837	24,134	293,853
9	QUALIFYING FACILITY (908.42) (E)	30,594	30,024	30,454	30,879	30,877	30,875	30,872	30,872	30,869	30,868	30,865	30,864	368,913
10	INNOVATION INCENTIVE (908.80) (E)	13,854	13,854	13,854	13,854	13,854	13,854	13,854	13,854	13,854	13,854	13,854	13,856	166,250
11	TECHNOLOGY DEVELOPMENT (908.65) (E)	17,685	18,685	18,777	21,613	20,363	27,113	19,863	18,663	12,613	11,613	11,613	11,665	210,466
12	STANDBY GENERATION (908.69) (D)	48,308	48,308	48,321	48,330	48,330	48,330	48,330	48,330	48,330	48,330	48,330	48,364	579,941
13	INTERRUPTIBLE SERVICE (908.70 & .71) (D)	1,752,548	1,752,548	1,752,565	1,752,582	1,752,582	1,752,582	1,752,582	1,752,582	1,752,582	1,752,582	1,752,582	1,752,605	21,030,922
14	CURTAINABLE SERVICE (908.72 & .73) (D)	56,249	56,249	56,249	56,249	56,249	56,249	56,249	56,249	56,249	56,249	56,249	56,261	675,000
15	RES ENERGY MANGMNT-ADMIN (908.75 & .77) (D)	2,860,464	2,749,512	2,383,936	2,382,535	2,331,440	2,819,052	3,099,894	3,071,141	3,128,048	2,774,169	2,505,958	2,492,328	32,598,477
16	RES ENERGY MANGMNT-EQUIP SVC (908.76) (D)	252,532	252,414	254,742	258,326	262,746	272,376	272,850	273,427	267,682	256,908	254,831	259,179	3,136,013
17	LOAD MANAGEMENT SWITCHES (908.80) (D)	215,557	214,357	209,397	206,314	205,850	204,363	203,385	200,999	198,586	196,923	193,949	188,992	2,438,672
18	COM ENERGY MANGMNT-ADMIN (908.85 & .87) (D)	62,146	49,079	46,939	70,179	58,919	67,079	51,897	76,487	53,629	64,429	66,521	53,562	720,866
19	COM ENERGY MANGMNT-EQUIP SVC (908.86) (D)	875	875	875	875	875	875	875	875	875	7,541	7,542	7,542	30,500
21	NET PROGRAM COSTS	\$ 6,089,944	\$ 6,073,571	\$ 5,643,424	\$ 5,890,742	\$ 5,662,009	\$ 6,345,440	\$ 6,504,562	\$ 6,524,177	\$ 6,424,143	\$ 6,078,613	\$ 5,819,757	\$ 5,717,059	\$ 72,773,441
22														
23														
24	<u>SUMMARY OF DEMAND & ENERGY</u>													
25														
26	ENERGY	\$ 817,307	\$ 928,416	\$ 865,539	\$ 1,090,005	\$ 920,916	\$ 1,099,680	\$ 994,398	\$ 1,019,983	\$ 894,069	\$ 895,834	\$ 908,958	\$ 834,092	\$ 11,267,197
27														
28	DEMAND	5,272,637	5,147,155	4,777,885	4,800,737	4,741,093	5,245,760	5,510,164	5,504,194	5,530,074	5,182,779	4,910,799	4,882,967	61,506,244
29														
30	TOTAL	\$ 6,089,944	\$ 6,073,571	\$ 5,643,424	\$ 5,890,742	\$ 5,662,009	\$ 6,345,440	\$ 6,504,562	\$ 6,524,177	\$ 6,424,143	\$ 6,078,613	\$ 5,819,757	\$ 5,717,059	\$ 72,773,441

FLORIDA POWER CORPORATION
ESTIMATED CONSERVATION PROGRAM COSTS
FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

FPSC DOCKET NO. 990002-EG
FLORIDA POWER CORPORAT:
WITNESS: M. F. JACOB
EXHIBIT NO: _____ (MFJ - 1)
SCHEDULE C - 2
PAGE 3 OF 6
SEPTEMBER 27, 1999

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)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 240,125	\$ -	\$ -	\$ -	\$ 240,125
2	RESIDENTIAL NEW CONSTRUCT (908.22) (E)	-	310,858	3,668	73,850	194,996	425,000	21,034	80,045	-	1,109,446
3	HOME ENERGY IMPROVEMENT (908.23) (E)	-	397,142	2,200	76,721	424,747	2,250,000	21,138	43,256	-	3,215,294
4	C/I NEW CONSTRUCTION (908.24) (E)	-	-	-	-	-	94,647	-	-	-	94,647
5	HOME ENERGY CHECK (908.25) (E)	5,879	1,526,948	14,310	367,021	789,133	-	105,045	152,109	-	2,960,435
6	BUSINESS ENERGY CHECK (908.28) (E)	-	157,719	2,375	2,375	-	-	1,238	71,538	-	235,035
7	CONSERVATION PROGRAM ADMIN (908.35) (E)	21,687	764,211	25,813	614,280	-	41,901	12,746	1,185,813	-	2,666,638
8	CONSERVATION PROGRAM ADMIN (908.35) (D)	-	84,910	2,868	68,250	-	4,649	1,417	131,759	-	293,836
9	QUALIFYING FACILITY (908.42) (E)	2,992	265,700	-	50,000	-	-	-	50,221	-	368,913
10	INNOVATION INCENTIVE (908.60) (E)	-	-	-	-	-	166,250	-	-	-	166,250
11	TECHNOLOGY DEVELOPMENT (908.65) (E)	-	55,038	-	103,500	5,000	25,000	4,955	16,973	-	210,466
12	STANDBY GENERATION (908.69) (D)	-	6,811	11,209	22,040	-	539,881	-	-	-	579,940
13	INTERRUPTIBLE SERVICE (908.70 & .71) (D)	-	10,922	20,000	-	-	21,000,000	-	-	-	21,030,922
14	CURTAILABLE SERVICE (908.72 & .73) (D)	-	-	10,000	-	-	665,000	-	-	-	675,000
15	RES ENERGY MANGMNT-ADMIN (908.75 & .77) (D)	-	881,527	136,500	192,050	325,000	30,099,196	10,186	629,413	-	32,273,262
16	RES ENERGY MANGMNT-EQUIP SVC (908.76) (D)	324,605	902,157	7,125	2,003,401	-	-	66,001	159,329	-	3,462,518
17	LOAD MANAGEMENT SWITCHES (908.80) (D)	2,438,672	-	-	-	-	-	-	-	-	2,438,672
18	COM ENERGY MANGMNT-ADMIN (908.85 & .87) (D)	-	4,843	-	-	-	716,023	-	-	-	720,866
19	COM ENERGY MANGMNT-EQUIP SVC (908.86) (D)	-	-	-	30,500	-	-	-	-	-	30,500
20											
21	NET PROGRAM COSTS	\$ 2,793,835	\$ 5,368,786	\$ 236,068	\$ 3,603,988	\$ 1,738,876	\$ 56,267,672	\$ 243,760	\$ 2,520,456	\$ -	\$ 72,773,591
22											
23											
24	SUMMARY OF DEMAND & ENERGY										
25											
26	ENERGY	\$ 30,558	\$ 3,477,616	\$ 48,366	\$ 1,287,747	\$ 1,413,876	\$ 3,242,923	\$ 166,156	\$ 1,599,955	\$ -	\$ 11,267,131
27											
28	DEMAND	2,763,277	1,891,170	187,702	2,316,241	325,000	53,024,749	77,604	920,501	-	61,506,464
29											
30	TOTAL	\$ 2,793,835	\$ 5,368,786	\$ 236,068	\$ 3,603,988	\$ 1,738,876	\$ 56,267,672	\$ 243,760	\$ 2,520,456	\$ -	\$ 72,773,591

FLORIDA POWER CORPORATION

SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

FPSC DOCKET NO. 990002-EG
FLORIDA POWER CORPORATION
WITNESS: M. F. JACOB
EXHIBIT NO. _____ (MFJ-1)
SCHEDULE C - 2
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SEPTEMBER 27, 1999

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL	
			Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00	Dec-00		
1	HOME ENERGY CHECK (908.25)															
2	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	22,615	22,615
4	DEPRECIATION BASE		27,200	27,200	27,200	27,200	27,200	27,200	27,200	27,200	27,200	27,200	27,200	27,200	15,893	
5																
6	DEPRECIATION EXPENSE		453	453	453	453	453	453	453	453	453	453	453	453	265	5,246
7																
8	CUMULATIVE INVESTMENT	27,200	27,200	27,200	27,200	27,200	27,200	27,200	27,200	27,200	27,200	27,200	27,200	27,200	4,585	4,585
9	LESS: ACC. DEPRECIATION	19,023	19,478	19,929	20,382	20,835	21,288	21,741	22,194	22,647	23,100	23,553	24,006	24,459	1,656	1,656
10	NET INVESTMENT	8,177	7,724	7,271	6,818	6,365	5,912	5,459	5,006	4,553	4,100	3,647	3,194	2,741	2,929	2,929
11	AVERAGE INVESTMENT		7,951	7,498	7,045	6,592	6,139	5,686	5,233	4,780	4,327	3,874	3,421	2,968	3,062	
12	RETURN ON AVERAGE INVESTMENT		56	52	49	46	43	39	36	33	30	27	24	21	21	456
13																
14	RETURN REQUIREMENTS		77	72	68	64	59	54	50	46	41	38	33	29	29	63
15																
16	PROGRAM TOTAL		\$ 530	\$ 525	\$ 521	\$ 517	\$ 512	\$ 507	\$ 503	\$ 499	\$ 494	\$ 491	\$ 486	\$ 482	\$ 294	\$5,879
17																
18	CONSERV PRORAM ADMIN (90835)															
19	INVESTMENT		\$ 12,050	\$ 0	\$ 4,500	\$ 8,750	\$ 0	\$ 0	\$ 8,750	\$ 0	\$ 0	\$ 8,750	\$ 0	\$ 0	\$ 0	\$42,800
20	RETIREMENTS		28,217	0	0	0	0	0	0	0	0	0	0	0	0	28,217
21	DEPRECIATION BASE		63,857	55,773	58,023	64,648	69,023	69,023	73,398	77,773	77,773	82,148	86,523	86,523	86,523	
22																
23	DEPRECIATION EXPENSE		1,064	930	967	1,077	1,150	1,150	1,223	1,296	1,296	1,369	1,442	1,442	1,442	14,406
24																
25	CUMULATIVE INVESTMENT	71,940	55,773	55,773	60,273	69,023	69,023	69,023	77,773	77,773	77,773	86,523	86,523	86,523	86,523	86,523
26	LESS: ACC. DEPRECIATION	29,581	2,428	3,358	4,325	5,402	6,552	7,702	8,925	10,221	11,517	12,866	14,328	15,770	15,770	15,770
27	NET INVESTMENT	42,359	53,345	52,415	55,948	63,821	62,471	61,321	68,848	67,552	66,256	73,657	72,195	70,753	70,753	70,753
28	AVERAGE INVESTMENT		47,852	52,880	54,182	59,785	63,046	61,896	65,085	68,200	66,904	69,947	72,916	71,474	71,474	
29	RETURN ON AVERAGE INVESTMENT		334	369	378	417	440	432	454	476	466	487	508	499	499	5,260
30																
31	RETURN REQUIREMENTS		462	511	523	577	609	598	629	659	645	674	703	691	7,281	7,281
32																
33	PROGRAM TOTAL		\$ 1,526	\$ 1,441	\$ 1,490	\$ 1,654	\$ 1,759	\$ 1,748	\$ 1,852	\$ 1,955	\$ 1,941	\$ 2,043	\$ 2,145	\$ 2,133	\$21,687	
34																
35	QUALIFYING FACILITY (908.42)															
36	INVESTMENT		\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	
39																
40	DEPRECIATION EXPENSE		211	211	211	211	211	211	211	211	211	211	211	211	211	2,532
41																
42	CUMULATIVE INVESTMENT	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657
43	LESS: ACC. DEPRECIATION	7,440	7,651	7,862	8,073	8,284	8,495	8,706	8,917	9,128	9,339	9,550	9,761	9,972	9,972	9,972
44	NET INVESTMENT	5,217	5,006	4,795	4,584	4,373	4,162	3,951	3,740	3,529	3,318	3,107	2,896	2,685	2,685	2,685
45	AVERAGE INVESTMENT		5,112	4,901	4,690	4,479	4,268	4,057	3,846	3,635	3,424	3,213	3,002	2,791	2,791	
46	RETURN ON AVERAGE INVESTMENT		36	34	33	31	30	28	26	26	24	23	21	20	20	332
47																
48	RETURN REQUIREMENTS		50	47	46	43	41	39	36	36	33	32	29	28	460	460
49																
50	PROGRAM TOTAL		\$ 261	\$ 258	\$ 257	\$ 254	\$ 252	\$ 250	\$ 247	\$ 247	\$ 244	\$ 243	\$ 240	\$ 239	\$2,992	

FLORIDA POWER CORPORATION
 SCHEDULE OF ESTIMATED INVESTMENT, AMORTIZATION & RETURN
 ON LOAD CONTROL EQUIPMENT
 FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

FPSC DOCKET NO. 990002-EG
 FLORIDA POWER CORPORATION
 WITNESS: M. F. JACOB
 EXHIBIT NO: _____ (MFJ - 1)
 SCHEDULE C - 2
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 SEPTEMBER 27, 1999

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED												TOTAL	
			Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00	Dec-00		
1	LOAD MANAGEMENT SWITCHES (908.80) (D)															
2	LOAD CONTROL RECEIVERS, SWITCHES, AND HARDWARE - INVESTMENT		\$ 148,500	\$ 57,500	\$ 57,500	\$ 148,500	\$ 57,500	\$ 57,500	\$ 148,500	\$ 57,500	\$ 57,500	\$ 148,500	\$ 57,500	\$ 57,500	\$ 57,500	\$1,054,000
4	RETIREMENTS		125,042	143,149	435,348	65,383	122,177	44,669	205,485	214,697	66,856	269,942	226,201	367,664	367,664	2,286,623
5	AMORTIZATION BASE		10,418,065	10,386,969	10,155,221	10,007,850	10,017,065	9,991,142	9,969,065	9,861,974	9,778,698	9,713,299	9,568,227	9,328,795	9,328,795	
6																
7	AMORTIZATION EXPENSE		173,835	173,116	169,254	166,798	166,951	166,519	166,151	164,367	162,979	161,889	159,471	155,480	155,480	1,986,610
8																
9	CUMULATIVE INVESTMENT	10,406,336	10,429,794	10,344,145	9,966,297	10,049,404	9,984,727	9,997,558	9,940,573	9,783,376	9,774,020	9,652,578	9,483,877	9,173,713	9,173,713	9,173,713
10	LESS: ACC. AMORTIZATION	6,051,628	6,100,221	6,130,188	5,864,094	5,965,499	6,010,273	6,132,123	6,092,789	6,042,459	6,138,582	6,030,529	5,963,799	5,751,615	5,751,615	5,751,615
11	NET INVESTMENT	4,354,708	4,329,573	4,213,957	4,102,203	4,083,905	3,974,454	3,865,435	3,847,784	3,740,917	3,635,438	3,622,049	3,520,078	3,422,098	3,422,098	3,422,098
12	AVERAGE INVESTMENT		4,342,140	4,271,785	4,158,080	4,093,054	4,029,179	3,919,944	3,856,609	3,794,350	3,688,177	3,628,743	3,571,063	3,471,088	3,471,088	
13	RETURN ON AVERAGE INVESTMENT		30,287	29,795	29,002	28,549	28,103	27,341	26,900	26,465	25,725	25,311	24,909	24,211	24,211	326,598
14																
15	RETURN REQUIREMENTS		41,922	41,241	40,143	39,516	38,899	37,844	37,234	36,632	35,607	35,034	34,478	33,512	33,512	452,062
16																
17	TOTAL AMORTIZATION AND RETURN		\$ 215,557	\$ 214,357	\$ 209,397	\$ 206,314	\$ 205,850	\$ 204,363	\$ 203,385	\$ 200,999	\$ 198,586	\$ 196,923	\$ 193,949	\$ 188,992	\$ 188,992	\$2,438,672
18																
19																
20	SUMMARY OF DEMAND & ENERGY:															
21																
22	ENERGY		\$ 2,317	\$ 2,224	\$ 2,268	\$ 2,425	\$ 2,523	\$ 2,505	\$ 2,602	\$ 2,701	\$ 2,679	\$ 2,777	\$ 2,871	\$ 2,666	\$ 2,666	\$ 30,558
23																
24	DEMAND		299,193	287,086	248,692	220,982	220,433	218,861	217,797	215,326	212,828	211,079	208,021	202,979	202,979	2,763,277
25																
26	TOTAL DEPRECIATION AND RETURN	Proof 0	\$ 301,510	\$ 289,310	\$ 250,960	\$ 223,407	\$ 222,958	\$ 221,368	\$ 220,399	\$ 218,027	\$ 215,507	\$ 213,856	\$ 210,892	\$ 205,645	\$ 205,645	\$ 2,793,835

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-EI). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%.

SCHEDULE C - 3

JANUARY THROUGH AUGUST 1999 ACTUAL

SEPTEMBER THROUGH DECEMBER 1999 ESTIMATED

FLORIDA POWER CORPORATION
 CONSERVATION PROGRAM COSTS
 JANUARY through AUGUST, 1999 ACTUAL
 SEPTEMBER through DECEMBER, 1999 ESTIMATED

FPSC DOCKET NO. 990002-EG
 FLORIDA POWER CORPORATION
 WITNESS: M. F. JACOB
 EXHIBIT NO: _____ (MFJ - 1)
 SCHEDULE C - 3
 PAGE 1 OF 9
 SEPTEMBER 27, 1999

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS						PROGRAM REVENUES (CREDITS)	TOTAL	
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES			OTHER
1	BETTER BUSINESS (908.15)										
2	A. ACTUAL	\$ -	\$ 19,795	\$ 1,578	\$ -	\$ -	\$ -	\$ 71,951	\$ 100	\$ -	\$ 93,424
3	B. ESTIMATED	-	7,762	65,844	-	-	-	-	201	-	73,807
4											
5	C. TOTAL	-	27,557	67,422	-	-	-	71,951	301	-	167,231
6											
7	GAS DEMONSTRATION (908.17)										
8	A. ACTUAL	-	3,672	-	-	-	-	-	-	-	3,672
9	B. ESTIMATED	-	-	-	-	-	-	-	-	-	-
10											
11	C. TOTAL	-	3,672	-	-	-	-	-	-	-	3,672
12											
13	RESIDENTIAL NEW CONSTRUCTION (908.22)										
14	A. ACTUAL	-	208,136	12,106	15,862	6,527	39,435	101,700	20,064	-	403,830
15	B. ESTIMATED	-	98,477	6,566	37,688	128	71,680	80,000	19,957	-	314,496
16											
17	C. TOTAL	-	306,613	18,672	53,550	6,655	111,115	181,700	40,021	-	718,326
18											
19	HOME ENERGY IMPROVEMENT (908.23)										
20	A. ACTUAL	-	269,365	12,900	44,145	2,210	158,664	1,523,072	16,323	(730)	2,025,949
21	B. ESTIMATED	-	88,979	7,890	17,352	400	43,249	800,000	22,890	-	980,760
22											
23	C. TOTAL	-	358,344	20,790	61,497	2,610	201,913	2,323,072	39,213	(730)	3,006,709
24											
25	COMM / IND NEW CONSTRUCTION (908.24)										
26	A. ACTUAL	-	220	8	-	-	-	-	112	-	340
27	B. ESTIMATED	-	426	-	-	-	-	40,000	-	-	40,426
28											
29	C. TOTAL	-	646	8	-	-	-	40,000	112	-	40,766
30											
31	HOME ENERGY CHECK (908.25)										
32	A. ACTUAL	3,866	924,898	60,467	150,731	31,806	152,281	-	54,437	3,565	1,382,051
33	B. ESTIMATED	2,164	461,291	43,232	55,542	2,670	61,204	-	73,159	-	699,262
34											
35	C. TOTAL	6,030	1,386,189	103,699	206,273	34,476	213,485	-	127,596	3,565	2,081,313

FLORIDA POWER CORPORATION
 CONSERVATION PROGRAM COSTS
 JANUARY through AUGUST, 1999 ACTUAL
 SEPTEMBER through DECEMBER, 1999 ESTIMATED

FPSC DOCKET NO. 990002-EG
 FLORIDA POWER CORPORATION
 WITNESS: M. F. JACOB
 EXHIBIT NO: _____ (MFJ - 1)
 SCHEDULE C - 3
 PAGE 2 OF 9
 SEPTEMBER 27, 1999

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS						PROGRAM REVENUES (CREDITS)	TOTAL	
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES			OTHER
1	BUSINESS ENERGY CHECK (908.28)										
2	A. ACTUAL	-	76,519	5,619	608	37	-	-	4,339	-	87,122
3	B. ESTIMATED	-	114,627	8,077	836	955	-	-	6,190	-	130,685
4											
5	C. TOTAL	-	191,146	13,696	1,444	992	-	-	10,529	-	217,807
6											
7	QUALIFYING FACILITY (908.42)										
8	A. ACTUAL	2,222	226,263	884	5,883	1,169	-	-	31,109	-	267,530
9	B. ESTIMATED	1,063	84,376	419	1,000,000	-	-	-	13,468	-	1,099,326
10											
11	C. TOTAL	3,285	310,639	1,303	1,005,883	1,169	-	-	44,577	-	1,366,856
12											
13	INNOVATION INCENTIVE (908.60)										
14	A. ACTUAL	-	-	-	-	-	-	-	-	-	-
15	B. ESTIMATED	-	7,396	672	-	-	-	58,336	-	-	66,404
16											
17	C. TOTAL	-	7,396	672	-	-	-	58,336	-	-	66,404
18											
19	TECHNOLOGY DEVELOPMENT (908.65)										
20	A. ACTUAL	-	14,338	449	58,088	2,545	-	3,116	6,131	-	84,667
21	B. ESTIMATED	-	4,779	97	34,100	1,754	-	16,672	4,826	-	62,226
22											
23	C. TOTAL	-	19,117	546	92,188	4,299	-	19,788	10,957	-	146,895
24											
25	STANDBY GENERATION (908.68 & .69)										
26	A. ACTUAL	-	10,982	811	3,680	10,342	-	215,415	6,222	-	247,452
27	B. ESTIMATED	-	1,073	-	7,736	3,936	-	189,432	-	-	202,177
28											
29	C. TOTAL	-	12,055	811	11,416	14,278	-	404,847	6,222	-	449,629

FLORIDA POWER CORPORATION

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
 FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1999

LINE NO.	BEGINNING BALANCE	ACTUAL												ESTIMATE				TOTAL
		JAN 99	FEB 99	MAR 99	APR 99	MAY 99	JUN 99	JUL 99	AUG 99	SEP 99	OCT 99	NOV 99	DEC 99					
1																		
2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4		12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	
5																		
6		211	211	211	211	211	211	211	211	211	211	211	211	211	211	211	2,532	
7																		
8		12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	
9		4,908	5,119	5,330	5,541	5,752	5,963	6,174	6,385	6,596	6,807	7,018	7,229	7,440	7,440	7,440	7,440	
10		7,749	7,538	7,327	7,116	6,905	6,694	6,483	6,272	6,061	5,850	5,639	5,428	5,217	5,217	5,217	5,217	
11			7,644	7,433	7,222	7,011	6,800	6,589	6,378	6,167	5,956	5,745	5,534	5,323	5,323	5,323	544	
12			54	52	51	49	47	46	44	43	41	41	39	37	37	37	544	
13																		
14			75	72	70	68	65	64	61	59	57	57	54	51	51	51	753	
15																		
16			286	283	281	279	276	275	272	270	268	268	265	262	262	262	3,285	
17																		
18																		
19			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22																		
23			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24																		
25		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30																		
31			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
32																		
33			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
34																		
35																		
36			22,545	443,555	8,726	554	0	0	0	0	0	0	0	0	0	0	475,380	
37			0	2,946	0	0	0	0	0	0	357,146	228,026	319,778	209,427	209,427	209,427	1,117,323	
38			5,339,453	5,571,030	5,795,697	5,800,337	5,800,614	5,800,614	5,800,614	5,800,614	5,622,041	5,329,455	5,055,553	4,790,951	4,790,951	4,790,951	4,790,951	
39																		
40			88,991	92,851	96,595	96,672	96,677	96,677	96,677	96,677	93,701	88,824	84,259	79,849	79,849	79,849	1,108,450	
41																		
42		5,328,180	5,350,725	5,791,334	5,800,060	5,800,614	5,800,614	5,800,614	5,800,614	5,800,614	5,443,468	5,215,442	4,895,664	4,686,237	4,686,237	4,686,237	4,686,237	
43		3,909,034	3,998,025	4,087,930	4,184,525	4,281,197	4,377,874	4,474,551	4,571,228	4,667,905	4,404,460	4,265,258	4,029,739	3,900,161	3,900,161	3,900,161	3,900,161	
44		1,419,146	1,352,700	1,703,404	1,615,535	1,519,417	1,422,740	1,326,063	1,229,386	1,132,709	1,039,008	950,184	865,925	786,076	786,076	786,076	786,076	
45			1,385,923	1,528,052	1,659,470	1,567,476	1,471,079	1,374,402	1,277,725	1,181,048	1,085,859	994,596	908,055	826,001	826,001	826,001	826,001	
46			9,666	10,858	11,574	10,933	10,261	9,586	8,912	8,238	7,574	6,938	6,333	5,761	5,761	5,761	106,434	
47																		
48			13,379	14,753	16,020	15,133	14,203	13,269	12,336	11,403	10,484	9,603	8,766	7,974	7,974	7,974	147,323	
49																		
50			102,370	107,604	112,615	111,805	110,880	109,946	109,013	108,080	104,185	98,427	93,025	87,823	87,823	87,823	1,255,773	

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-MIDPOINT AUTHORIZED BY THE FPSC IN DOCKET NO. 910890-E). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%.

FLORIDA POWER CORPORATION

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
 FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1999

LINE NO.	BEGINNING BALANCE	ACTUAL											TOTAL
		JAN 99	FEB 99	MAR 99	APR 99	MAY 99	JUN 99	JUL 99	AUG 99	SEP 99	OCT 99	NOV 99	
1 HOME ENERGY CHECK													
2 INVESTMENTS		0	0	0	0	0	4,585	0	0	0	0	0	0
3 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0
4 DEPRECIATION BASE		22,615	22,615	22,615	22,615	22,615	24,908	27,200	27,200	27,200	27,200	27,200	27,200
5													
6 DEPRECIATION EXPENSE		377	377	377	377	377	415	453	453	453	453	453	453
7													
8 CUMM. NET INVEST	22,615	22,615	22,615	22,615	22,615	22,615	27,200	27,200	27,200	27,200	27,200	27,200	27,200
9 LESS: ACC. NET DEPR	14,005	14,382	14,759	15,138	15,513	15,890	16,305	16,758	17,211	17,664	18,117	18,570	19,023
10 NET INVESTMENT	8,610	8,233	7,856	7,479	7,102	6,725	10,895	10,442	9,989	9,536	9,083	8,630	8,177
11 AVERAGE INVESTMENT		8,422	8,045	7,668	7,291	6,914	8,810	10,669	10,216	9,763	9,310	8,857	8,404
12 RETURN ON AVG INVEST		59	56	54	51	48	62	75	72	68	65	62	59
13													
14 RETURN REQUIREMENTS		82	77	75	70	66	88	104	100	94	90	86	82
15													
16 PROGRAM TOTAL		459	454	452	447	443	501	557	553	547	543	539	535
17													
18 CONSERV. PROGRAM ADMIN													
19 INVESTMENTS		0	0	0	4,425	0	0	10,074	0	4,691	4,691	4,691	4,699
20 RETIREMENTS		0	10,779	0	0	0	0	0	5,239	0	0	1,614,271	0
21 DEPRECIATION BASE		1,668,958	1,663,569	1,658,179	1,660,392	1,662,604	1,662,604	1,667,641	1,670,059	1,669,785	1,674,476	1,672,031	69,591
22													
23 DEPRECIATION EXPENSE		27,816	27,726	27,636	27,673	27,710	27,710	27,794	27,834	27,830	27,908	14,534	1,160
24													
25 CUMM. NET INVEST	1,668,958	1,668,958	1,658,179	1,658,179	1,662,604	1,662,604	1,662,604	1,672,678	1,667,439	1,672,130	1,676,821	67,241	71,940
26 LESS: ACC. NET DEPR	1,366,539	1,394,355	1,411,302	1,438,938	1,466,611	1,494,321	1,522,031	1,549,825	1,572,420	1,600,250	1,628,158	28,421	29,581
27 NET INVESTMENT	302,419	274,603	246,877	219,241	195,993	168,283	140,573	122,853	95,019	71,880	48,663	38,820	42,359
28 AVERAGE INVESTMENT		288,511	260,740	233,959	207,617	182,138	154,428	131,713	108,936	83,450	60,272	43,742	40,590
29 RETURN ON AVG INVEST		2,012	1,818	1,625	1,448	1,270	1,077	919	760	582	420	305	283
30													
31 RETURN REQUIREMENTS		2,785	2,516	2,249	2,004	1,758	1,491	1,272	1,052	806	581	422	392
32													
33 PROGRAM TOTAL		30,601	30,242	29,885	29,677	29,468	29,201	29,066	28,886	28,636	28,489	14,956	1,552
34													
35 UNUSED													
36 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0
37 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0
38 DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0
39													
40 DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0
41													
42 CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	0	0
43 LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	0	0
44 NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0
45 AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0
46 RETURN ON AVG INVEST		0	0	0	0	0	0	0	0	0	0	0	0
47													
48 RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0
49													
50 PROGRAM TOTAL		0	0	0	0	0	0	0	0	0	0	0	0

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-MIDPOINT AUTHORIZED BY THE FPSC IN DOCKET NO. 910890-EI). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%.

FLORIDA POWER CORPORATION

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
 FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1999

LINE NO.	BEGINNING BALANCE	ACTUAL												TOTAL	
		JAN 99	FEB 99	MAR 99	APR 99	MAY 99	JUN 99	JUL 99	AUG 99	SEP 99	OCT 99	NOV 99	DEC 99		
1															
2															
3															
4		15,560	10,954	19,012	28,618	7,350	27,108	26,796	16,917	82,567	82,567	82,567	82,583	482,599	
5		313,501	205,328	306,665	122,535	132,106	274,093	340,183	308,166	286,333	181,915	240,766	151,312	2,862,903	
6		12,637,670	12,391,512	12,150,499	11,959,714	11,850,377	11,664,506	11,384,320	11,082,002	10,834,495	10,682,938	10,554,164	10,440,700		
7															
8		210,628	206,526	202,509	199,329	197,507	194,409	189,739	184,700	180,575	178,049	175,903	174,012	2,293,886	
9															
10	12,786,640	12,488,699	12,294,325	12,006,672	11,912,755	11,787,999	11,541,014	11,227,627	10,936,378	10,732,612	10,633,264	10,475,065	10,406,336	10,406,336	
11	6,620,645	6,517,772	6,518,970	6,414,814	6,491,608	6,557,009	6,477,325	6,326,881	6,203,415	6,097,657	6,093,791	6,028,928	6,051,628	6,051,628	
12		5,970,927	5,775,355	5,591,858	5,421,147	5,230,990	5,063,689	4,900,746	4,732,963	4,634,955	4,539,473	4,446,137	4,354,708	4,354,708	
13		6,068,461	5,873,141	5,683,607	5,506,503	5,326,069	5,147,339	4,982,217	4,816,854	4,683,959	4,587,214	4,492,805	4,400,422		
14		42,327	40,965	39,643	38,408	37,150	35,903	34,751	33,597	32,671	31,996	31,337	30,693	429,441	
15															
16		58,587	56,702	54,872	53,163	51,421	49,695	48,101	46,504	45,222	44,287	43,375	42,484	594,413	
17															
18		269,215	263,228	257,381	252,492	248,928	244,104	237,840	231,204	225,797	222,336	219,278	216,496	2,888,299	

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-MIDPOINT AUTHORIZED BY THE FPSC IN DOCKET NO. 910890-EI). RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%.

FLORIDA POWER CORPORATION

ACTUAL CONSERVATION PROGRAM COSTS BY MONTH
 FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1999

LINE

NO.	PROGRAM TITLE	ACTUAL								ESTIMATE				TOTAL
		JAN 99	FEB 99	MAR 99	APR 99	MAY 99	JUN 99	JUL 99	AUG 99	SEP 99	OCT 99	NOV 99	DEC 99	
1	BETTER BUSINESS (908.15)	18,416	22,235	3,601	3,715	21,106	15,777	7,443	1,131	18,442	18,442	18,442	18,481	167,231
2	GAS DEMONSTRATION (908.17)	0	0	0	0	0	0	1,101	2,571	0	0	0	0	3,672
3	RESIDENTIAL NEW CONSTRUCTION (908.22)	38,842	45,752	51,137	71,619	38,255	61,345	46,576	52,302	78,572	78,572	78,572	78,780	718,326
4	HOME ENERGY IMPROVEMENT (908.23)	189,797	214,396	226,497	233,656	223,011	292,386	386,980	259,956	271,149	236,463	236,463	236,685	3,007,439
5	COMM / IND NEW CONSTRUCTION (908.24)	184	60	14	(6)	119	(31)	0	0	10,105	10,105	10,105	10,111	40,766
6	HOME ENERGY CHECK (908.25)	109,009	132,205	203,346	184,387	170,965	228,730	158,591	191,253	226,161	157,594	157,590	157,917	2,077,748
7	BUSINESS ENERGY CHECK (908.28)	8,894	7,489	10,224	11,216	13,725	11,673	13,704	12,197	32,625	32,625	32,625	32,810	217,807
8	QUALIFYING FACILITY (908.42)	19,457	27,724	30,534	41,704	41,053	40,605	30,452	36,001	24,823	1,024,823	24,820	24,860	1,366,856
9	INNOVATION INCENTIVE (908.60)	0	0	0	0	0	0	0	0	16,597	16,597	16,597	16,613	66,404
10	TECHNOLOGY DEVELOPMENT (908.65)	2,451	3,062	2,006	7,302	1,690	17,557	14,059	36,540	9,286	34,286	9,286	9,370	146,895
11	STANDBY GENERATION (908.68 & .69)	38,817	32,924	31,242	29,948	34,012	26,501	21,755	32,253	50,540	50,540	50,540	50,557	449,629
12	INTERRUPT LOAD MANAGEMENT (908.70 & .71)	1,660,904	1,819,052	1,663,895	1,746,585	1,578,341	1,598,166	1,670,509	1,689,998	1,752,766	1,752,766	1,752,766	1,752,775	20,438,523
13	CURTAIL LOAD MANAGEMENT (908.72 & .73)	55,602	44,479	50,977	46,871	52,928	49,664	51,731	47,332	59,999	59,999	59,999	60,011	639,592
14	RESIDENTIAL LOAD MANAGEMENT (908.75, .76, .77, .78 & .79)	3,427,891	2,641,033	3,011,516	2,632,054	2,864,323	3,388,059	3,329,760	3,663,414	3,675,341	3,355,792	3,104,736	3,212,193	38,306,112
15	COMMERCIAL LOAD MANAGEMENT (908.85, .86 & .87)	57,165	51,109	44,468	68,091	56,746	57,780	57,495	66,296	62,860	62,860	62,860	62,888	710,618
16	CONSERVATION PROGRAM ADMIN (908.35)	136,051	181,956	191,790	217,641	171,508	230,286	150,025	158,951	233,476	233,354	219,796	207,038	2,331,872
17	TOTAL ALL PROGRAMS	5,759,480	5,223,476	5,521,247	5,294,783	5,267,782	6,018,498	5,940,183	6,250,195	6,522,742	7,124,818	5,835,197	5,931,089	70,689,490
18														
19	LESS: BASE RATE RECOVERY	0	0	0	0	0	0	0	0	0	0	0	0	0
20														
21	NET RECOVERABLE (CT-3, PAGE 2)	5,759,480	5,223,476	5,521,247	5,294,783	5,267,782	6,018,498	5,940,183	6,250,195	6,522,742	7,124,818	5,835,197	5,931,089	70,689,490

* GROSS EXPENDITURES ONLY. AUDIT PROGRAM REVENUES ARE ACCOUNTED FOR IN CALCULATION OF TRUE-UP SCHEDULE CT-3, PAGE 2 OF 3.

FLORIDA POWER CORPORATION
 ENERGY CONSERVATION ADJUSTMENT
 CALCULATION OF TRUE-UP
 FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1999

LINE NO.	ACTUAL								ESTIMATE				TOTAL FOR THE PERIOD
	JAN 99	FEB 99	MAR 99	APR 99	MAY 99	JUN 99	JUL 99	AUG 99	SEP 99	OCT 99	NOV 99	DEC 99	
1A BETTER BUSINESS (908.15)	0	0	0	0	0	0	0	0	0	0	0	0	0
1B HOME ENERGY IMPROVEMENT (908.23)	0	0	0	0	0	0	0	730	0	0	0	0	730
1C HOME ENERGY CHECK (908.25)	0	195	(1,858)	63	44	195	(994)	(1,210)	0	0	0	0	(3,565)
1D SUBTOTAL - FEES	0	195	(1,858)	63	44	195	(994)	(480)	0	0	0	0	(2,835)
2 CONSERVATION CLAUSE REVENUES	6,511,547	5,534,455	5,705,792	6,053,036	6,473,619	7,290,051	8,009,836	9,249,894	8,439,357	7,541,610	6,327,574	6,397,003	83,530,775
2A CURRENT PERIOD GRT REFUND	0	0	0	0	0	0	0	0	0	0	0	0	0
3 TOTAL REVENUES	6,511,547	5,534,650	5,703,935	6,053,099	6,473,663	7,290,246	8,008,842	9,249,414	8,439,357	7,541,610	6,327,574	6,397,003	83,530,940
4 PRIOR PSC APPROVED ECCR TRUE-UP OVER(UNDER)	(1,359,603)	135,245	135,245	135,245	135,245	135,245	135,245	135,245	135,245	135,245	135,245	135,253	1,622,948
5 CONSERVATION REVENUES APPLICABLE TO PERIOD	6,646,792	5,669,895	5,839,180	6,188,344	6,608,908	7,425,491	8,144,087	9,384,659	8,574,602	7,676,855	6,462,819	6,532,256	85,153,888
6 CONSERVATION EXPENSES (CT-3,PAGE 1, LINE 73)	5,759,480	5,223,476	5,521,247	5,294,783	5,267,782	6,018,498	5,940,183	6,250,195	6,522,742	7,124,818	5,835,197	5,931,089	70,689,490
7 TRUE-UP THIS PERIOD (O)U	(887,312)	(446,419)	(317,933)	(893,561)	(1,341,126)	(1,406,993)	(2,203,904)	(3,134,464)	(2,051,860)	(552,037)	(627,622)	(601,167)	(14,464,398)
8 CURRENT PERIOD INTEREST	3,979	1,835	855	(1,044)	(4,994)	(10,254)	(17,565)	(29,110)	(40,539)	(45,553)	(47,741)	(50,046)	(240,197)
9 ADJUSTMENTS PER AUDIT \RDC Order	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TRUE-UP & INTEREST PROVISIONS BEGINNING OF MONTH (O)U	1,359,603	611,514	302,175	120,343	(639,018)	(1,849,893)	(3,131,895)	(5,218,139)	(8,246,467)	(10,203,621)	(10,665,966)	(11,206,084)	1,359,603
10 A CURRENT PERIOD GRT REFUNDED	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PRIOR TRUE-UP REFUNDED/ (COLLECTED) Repro 4/94-10/94	135,245	135,245	135,245	135,245	135,245	135,245	135,245	135,245	135,245	135,245	135,245	135,253	1,622,948
12 END OF PERIOD NET TRUE-UP	611,514	302,175	120,343	(639,018)	(1,849,893)	(3,131,895)	(5,218,139)	(8,246,467)	(10,203,621)	(10,665,966)	(11,206,084)	(11,722,044)	(11,722,044)

SUMMARY ENERGY & DEMAND

	12 Month Period Ended December 2000		
	FORECAST	RATIO	TRUE UP
ENERGY	\$ 11,267,197	14.91%	(\$ 2,192,455)
DEMAND	\$ 61,506,244	85.09%	(12,512,140)
REVENUE DECOUPLING			2,982,551
TOTAL (Over)Under recovery	\$ 72,773,441	100.00%	(\$ 11,722,044)

FLORIDA POWER CORPORATION
 CALCULATION OF INTEREST PROVISION
 FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1999

LINE NO.	ACTUAL							ESTIMATE					
	JAN 99	FEB 99	MAR 99	APR 99	MAY 99	JUN 99	JUL 99	AUG 99	SEP 99	OCT 99	NOV 99	DEC 99	
1 BEGINNING TRUE-UP AMOUNT (CT-3,PAGE 2, LINE 9 & 10)	1,359,603	611,514	302,175	120,343	(639,018)	(1,849,893)	(3,131,895)	(5,218,139)	(8,246,467)	(10,203,621)	(10,665,966)	(11,206,084)	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	607,535	300,340	119,488	(637,974)	(1,844,899)	(3,121,641)	(5,200,554)	(8,217,357)	(10,163,082)	(10,620,413)	(11,158,343)	(11,671,998)	
3 TOTAL BEGINNING & ENDING TRUE-UP	1,967,138	911,855	421,663	(517,631)	(2,483,916)	(4,971,534)	(8,332,449)	(13,435,496)	(18,409,550)	(20,824,035)	(21,824,310)	(22,878,083)	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	983,569	455,927	210,831	(258,816)	(1,241,958)	(2,485,767)	(4,166,224)	(6,717,748)	(9,204,775)	(10,412,017)	(10,912,155)	(11,439,041)	
5 INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	4.90%	4.81%	4.85%	4.88%	4.80%	4.85%	5.05%	5.08%	5.32%	5.25%	5.25%	5.25%	
6 INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	4.81%	4.85%	4.88%	4.80%	4.85%	5.05%	5.08%	5.32%	5.25%	5.25%	5.25%	5.25%	
7 TOTAL (LINE 5 AND LINE 6)	9.71%	9.66%	9.73%	9.68%	9.65%	9.90%	10.13%	10.40%	10.57%	10.50%	10.50%	10.50%	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	4.855%	4.830%	4.865%	4.840%	4.825%	4.950%	5.065%	5.200%	5.285%	5.250%	5.250%	5.250%	
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	3,979	1,835	855	(1,044)	(4,994)	(10,254)	(17,585)	(29,110)	(40,539)	(45,553)	(47,741)	(50,046)	(240,197)

SCHEDULE C - 4

JANUARY 2000 THROUGH DECEMBER 2000

CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES
 FOR THE PERIOD: JANUARY 2000 THROUGH DECEMBER 2000

MONTH	JURISDICTIONAL MWH SALES	BASE REVENUES	CLAUSE REVENUE NET OF REVENUE TAXES
JANUARY	2,617,474	\$0	\$4,940,556
FEBRUARY	2,602,786	\$0	\$4,883,087
MARCH	2,484,039	\$0	\$4,607,123
APRIL	2,556,219	\$0	\$4,696,227
MAY	2,666,725	\$0	\$4,907,607
JUNE	3,097,998	\$0	\$5,828,438
JULY	3,410,830	\$0	\$6,505,317
AUGUST	3,362,486	\$0	\$6,437,145
SEPTEMBER	3,475,073	\$0	\$6,642,121
OCTOBER	3,070,042	\$0	\$5,795,968
NOVEMBER	2,634,226	\$0	\$4,866,088
DECEMBER	<u>2,580,708</u>	<u>\$0</u>	<u>\$4,786,153</u>
TOTAL	<u>34,558,606</u>	<u>\$0</u>	<u>\$64,895,830</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 program requirement for participation. There are four versions of this audit: the free walk-thru, the paid walk-thru (\$15 charge), the energy rating (Energy Gauge) and the mail-in audit.

Program Projections for January, 2000 through December, 2000: It is estimated that 27,000 customers will participate in this program during the projection period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program are projected to be \$2,960,445.

Program Progress Summary: The Home Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which results in participation of energy efficiency measures being implemented.

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 repair.

Program Projections for January, 2000 through December, 2000: It is estimated that 13,500 completions will be performed in this program during the projected period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program are projected to be \$3,215,204.

Program Progress Summary: Year-to-date 1999 completions for the ceiling insulation and duct test and repair components of the program are running below previous year completions for the same period, while high efficiency heat pump replacement completions are running ahead of prior year results.

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 that 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 January, 2000 through December, 2000: It is estimated that 5,600 homes representing 225 builders will participate in this program during the projection period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program are projected to be \$1,109,451.

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.

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 January 2000 through December 2000: During this period we anticipate installing 5,500 new participants to the program.

Program Fiscal Expenditures for January 2000 through December 2000: Program expenditures during this period are projected to be \$36,487,856.

Program Progress Summary: As of September 1, 1999 there are 472,223 customers participating in the Load Management program.

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 January, 2000 through December, 2000: It is estimated that 400 customers will participate in this program during the projection period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program are projected to be \$235,245.

Program Progress Summary: The program is required for participation in most of the company's other DSM incentive programs. There have been 261 participants year-to-date.

Program Description and Progress

Program Title: Better Business

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

Program Projections for January, 2000 through December, 2000: It is estimated that 100 customers will participate during the projection period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program are projected to be \$240,125.

Program Progress Summary: There have been 73 Better Business program completions in 1999 to date.

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, window film, insulation and leak free ducts.

Program Projections for January, 2000 through December, 2000: It is estimated that four customers will participate in the program during the projection period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program are projected to be \$94,647.

Program Progress Summary: There are no new C/I New Construction program completions in 1999 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 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 January, 2000 through December, 2000: It is estimated that 3 customers will participate in the program during the projection period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program are projected to be \$166,250.

Program Progress Summary: This program continues to attract specialized, customer specific energy efficiency measures not covered through the company's other DSM 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 January, 2000 through December, 2000: It is estimated that two new customer will participate in the program during the projection period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program are projected to be \$579,941.

Program Progress Summary: The program currently has a total of 39 participants.

Program Description and Progress

Program Title: Interruptible Service Program

Program Description: The Interruptible Service 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 January, 2000 through December, 2000: No new participants are expected during the projection period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program are projected to be \$21,030,922.

Program Progress Summary: The program currently has 148 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 are placed on the newer 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 January, 2000 through December, 2000: No new participants are expected during the projection period.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program are projected to be \$675,000.

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 are placed on the newer CS-2 tariff.

Program Description and Progress

Program Title: Technology Development

Program Description: This program allows Florida Power Corporation to undertake certain development and demonstration projects which have promise to become cost-effective conservation and energy efficiency programs.

Program Projections for January, 2000 through December, 2000: A planned residential project to evaluate HVAC airflow and proper refrigerant charging is expected to have 25 to 30 participants. Also, a photovoltaic R&D project is expected to have about 100 participants.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program are projected to be \$210,466.

Program Progress Summary: Plans for the year 2000 include a study to research and evaluate the energy impacts from residential HVAC airflow and proper refrigerant charging. Also planned is an R&D project to design and install a standardized pre-packaged, roof mounted photovoltaic system for manufactured buildings, the primary objective of which is to reduce the labor costs associated with the installation of PV systems in the field.

Program Description and Progress

Program Title: Gas Demonstration

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

Program Projections for January, 2000 through December, 2000: The Residential and Commercial Gas Demonstration Projects are expected to be completed by the end of 1999.

Program Fiscal Expenditures for January, 2000 through December, 2000: Expenses for this program are projected to be \$0.

Program Progress Summary: Data collection for the residential York Triathlon R&D project is complete, while monitoring of the commercial Gas Dehumidification R&D project will be ending this fall. The evaluation of measure impacts and cost-effectiveness is expected to be completed by year-end.

Program Description and Progress

Program Title: Qualifying Facility

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

Program Projections for January 2000 through December 2000: Contracts for new facilities will continue to be negotiated when opportune. In addition, a Standard Offer contract is to be filed in early September 1999 and will be available to Qualifying Facilities that meet the FPSC requirements for a Standard Offer.

Program Fiscal Expenditures for January 2000 through December 2000: Expenses for this program are projected to be \$368,913.

Program Progress Summary: The total MW of qualifying facility capacity available at the end of 1997 was approximately 830 MW, excluding the Tiger Bay capacity that is now owned by FPC. As approved in Order No. PSC-97-0652-S-EQ Order Approving Stipulation and Supplemental Stipulation, the Tiger Bay QF payments will continue to be recovered as if the contracts are still in place.

SCHEDULE C - 6

Florida Power Corporation

Residential Revenue Decoupling Calculation - Actual Calculation

1997 Revised 9/21/99

1998 interest calculated on 1997 adjustments

Revenue per Customer computed by multiplying Adjusted RPC by monthly factor

FPSC DOCKET NO. 990002-EG

FLORIDA POWER CORPORATION

WITNESS: M. F. JACOB

EXHIBIT NO. _____ (MFJ-1)

SCHEDULE C-6

PAGE 1 OF 1

SEPTEMBER 27, 1999

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Annual
Adjustment for Economy														
1 Coefficient for Real personal Income (Monthly)	0.0018508333													
2 Coefficient for Real personal Income	N/A													
3 Personal Income - Forecast	252,740	253,389	254,037	254,688	255,342	255,996	256,653	257,312	257,971	258,633	259,296	259,963	256,335	256,335
4 Personal Income - Actual as of 10/31/98	263306	264586	265741	266769	267670	268574	269480	270388	271199	271913	272529	273263	268,785	268,785
5 Use per Customer - Base Value	1,107.4	1,107.4	1,107.4	1,107.4	1,107.4	1,107.4	1,107.4	1,107.4	1,107.4	1,107.4	1,107.4	1,107.4	13,289.0	13,289
6 Adjustment for Personal Income	19.6	20.7	21.7	22.4	22.8	23.3	23.7	24.2	24.5	24.6	24.5	24.9	276.9	277.0
7 Adjustment for Personal Income	N/A	N/A	N/A	N/A	N/A									N/A
8 Use per Customer adj for Pere Inc	1,127.0	1,128.1	1,129.1	1,129.8	1,130.2	1,130.7	1,131.1	1,131.6	1,131.9	1,132.0	1,131.9	1,132.3	13,566	13,566
9 Adjusted Revenue per Customer:	54.16	54.20	54.24	54.27	54.28	54.30	54.32	54.34	54.35	54.36	54.35	54.37	651.54	651.54
10 Monthly Rev Adj Factor	0.9638	0.917997	0.852694	0.821098	0.870585	1.076555	1.216842	1.252828	1.237765	1.087522	0.844233	0.874764	1.0014	1.0000
11 Monthly Use per Customer Target	1,087	1,037	966	932	987	1,215	1,371	1,412	1,395	1,229	959	994		
12 Monthly RPC Target	1,078	1,018	930	888	955	1,234	1,424	1,473	1,453	1,250	921	939	13,563	13,566
13 Monthly RPC Target	52.20	49.76	46.25	44.56	47.26	58.46	66.10	68.08	67.27	59.12	45.88	46.60	651.54	651.55
14														
15 Actual Customers	1,163,483	1,163,733	1,174,343	1,149,665	1,157,156	1,143,200	1,136,768	1,151,821	1,133,811	1,162,173	1,198,413	1,163,449	1,158,168	1,158,168
16 Actual Meters	1,163,620	1,163,870	1,174,479	1,149,800	1,157,290	1,143,324	1,136,897	1,151,947	1,133,936	1,162,303	1,198,543	1,163,578	1,158,299	1,158,299
17 Actual Sales -kwh	1,221,669,524	1,087,941,589	981,584,215	995,341,965	1,022,212,713	1,340,680,806	1,588,475,260	1,602,724,199	1,604,828,390	1,463,249,300	1,052,708,693	1,096,808,503	15,058,225,157	15,058,225,157
18 Actual Use per Customer	1,050	935	836	866	883	1,173	1,397	1,391	1,415	1,259	878	943	13,026	13,002
19 Actual Base Revenues	59,409,152	54,035,501	49,853,825	50,188,477	51,334,968	64,013,786	73,918,244	74,624,244	74,549,435	69,109,003	52,925,995	54,389,367	728,351,997	728,351,997
20 Actual Revenue per Customer	51.06	46.43	42.45	43.65	44.36	56.00	65.02	64.79	65.75	59.47	44.16	46.75	629.89	628.88
21														
22 True- Up Calculation:														
23 Actual Base Revenue	59,409,152	54,035,501	49,853,825	50,188,477	51,334,968	64,013,786	73,918,244	74,624,244	74,549,435	69,109,003	52,925,995	54,389,367	728,351,997	728,351,997
24 Target Base Revenue	63,010,100	63,075,099	63,697,357	62,391,169	62,816,288	62,081,590	61,750,629	62,591,437	61,626,433	63,172,691	65,137,749	63,253,764	754,604,306	754,604,306
25 True-up Provision - Over/(Under) Recovery	(3,600,948)	(9,039,598)	(13,843,532)	(12,202,692)	(11,481,320)	1,932,196	12,167,615	12,032,807	12,923,002	5,936,312	(12,211,754)	(8,864,397)	(26,252,309)	(26,252,309)
26 To be corrected														
27 Adjustment to 1997 Over/(Under) Recovery	(3,347,105)												(3,347,105)	(3,347,105)