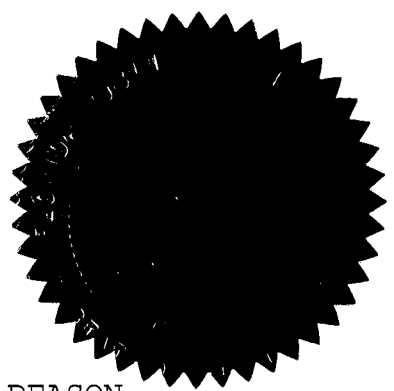


BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

-----  
In the Matter of : DOCKET NO. 990002-EG  
Energy Conservation :  
Cost Recovery :  
Clause :  
-----



PROCEEDINGS: HEARING

BEFORE: COMMISSIONER J. TERRY DEASON  
COMMISSIONER SUSAN F. CLARK  
COMMISSIONER E. LEON JACOBS, Jr.

DATE: Monday, November 22, 1999

TIME: Commenced at 9:30 a.m.

PLACE: Betty Easley Conference Center  
Room 148  
4075 Esplanade Way  
Tallahassee, Florida

REPORTED BY: KIMBERLY K. BERENS, CSR, RPR  
FPSC Commission Reporter

1     **APPEARANCES:**

2                     **JAMES A. McGEE**, Post Office Box 14042, 3201  
3     34th Street South, St. Petersburg, Florida 33733,  
4     appearing on behalf of **Florida Power Corporation**.

5                     **JEFFREY A. STONE** and **RUSSELL A. BADDERS**,  
6     Beggs & Lane, 700 Blount Building, 3 West Garden  
7     Street, Post Office Box 12950, Pensacola, Florida  
8     32576-2950, appearing on behalf of **Gulf Power Company**.

9                     **JAMES D. BEASLEY** and **LEE L. WILLIS**, Ausley &  
10    McMullen, Post Office Box 391, Tallahassee, Florida  
11    32302, appearing on behalf of **Tampa Electric Company**  
12    **(TECO)**.

13                    **JOHN McWHIRTER, JR.**, McWhirter, Reeves,  
14    McGlothlin, Davidson, Decker, Kaufman, Arnold & Steen,  
15    Post Office Box 3350, Tampa, Florida 32601-3350, and  
16    **JOSEPH A. McGLOTHLIN** and **VICKI GORDON KAUFMAN**,  
17    McWhirter, Reeves, McGlothlin, Davidson, Rief and  
18    Bakas, appearing on behalf of **Florida industrial Power**  
19    **Users Group (FIPUG)**.

20

21

22

23

24

25

1    **APPEARANCES CONTINUED:**

2                   **STEPHEN C. BURGESS**, Deputy Public Counsel,  
3    Office of Public Counsel, 111 West Madison Street,  
4    Room 812, Tallahassee, Florida 32399-1400, appearing  
5    on behalf of the **Citizens of the State of Florida**.

6                   **GRACE JAYE**, Florida Public Service  
7    Commission, Division of Legal Services, 2540 Shumard  
8    Oak Boulevard, Tallahassee, Florida 32399-0870,  
9    appearing on behalf of the **Commission Staff**.

10                  **MICHAEL A. PALECKI**, NUI Corporation, Florida  
11    Division, PMB 110-M, 3111-20 Mahan Drive, Tallahassee,  
12    Florida 32308, appearing on behalf of **City Gas Company**  
13    **of Florida**.

14

15

16

17

18

19

20

21

22

23

24

25

## I N D E X

## WITNESSES

NAME	PAGE NO.
Michael F. Jacob	
Prefiled Direct Testimony Inserted into the Record by Stipulation	11
Leonor Busto	
Prefiled Direct Testimony Inserted into the Record by Stipulation	23
Margaret D. Neyman	
Prefiled Direct Testimony Inserted into the Record by Stipulation	31
Howard T. Bryant	
Prefiled Direct Testimony Inserted into the Record by Stipulation	47
Beverly A. Bauck	
Prefiled Direct Testimony Inserted into the Record by Stipulation	53
Carl Smith	
Prefiled Direct Testimony Inserted into the Record by Stipulation	59
Amended Prefiled Direct Testimony Inserted into the Record by Stipulation	65
Second Amended Prefiled Direct testimony Inserted into the Record by Stipulation	68
Bruce Narzissenfeld	
Prefiled Direct Testimony Inserted into the record by Stipulation	71
Revised Prefiled Direct Testimony Inserted into the Record by Stipulation	77
J. Brent Caldwell	
Prefiled Direct Testimony Inserted into the Record by Stipulation	83
Revised Prefiled Direct Testimony Inserted into the Record by Stipulation	89
Michael A. Peacock	
Prefiled Direct Testimony Inserted into the Record by Stipulation	95
Debbie Stitt	
Prefiled Direct Testimony Inserted into the Record by Stipulation	100

	EXHIBITS			
	NUMBER		ID.	ADMTD.
1				
2				
3	1	MFJ-1	10	10
4	2	MFJ-2	10	10
5	3	LMB-1	10	10
6	4	LMB-2	10	10
7	5	MDN-1	10	10
8	6	MDN-2	10	10
9	7	HTB-1	10	10
10	8	HTB-2	10	10
11	9	BAB-1	10	10
12	10	BAB-2	10	10
13	11	CS-1	10	10
14	12	BNN-1R	10	10
15	13	BNN-2R	10	10
16	14	JBC-1R	10	10
17	15	JBC-2R	10	10
18	16	MAP-2	10	10
19	17	MAP-3	10	10
20	18	SJNG	10	10
21		CERTIFICATE OF REPORTER		102
22				
23				
24				
25				

## P R O C E E D I N G S

(Hearing convened at 9:35 a.m.)

**COMMISSIONER DEASON:** Call the hearing to order. Can I have the Notice read, please.

**MR. KEATING:** Pursuant to Notice issued September 22, 1999 this time and place have been set for a hearing in Docket No. 990001-EI, Fuel and Purchased Power Cost Recovery Clause and Generating Performance Incentive Factor; Docket No. 990002-EG, Energy Conversation Cost Recovery Clause; Docket No. 990003-GU, Purchased Gas Adjustment True-up; and Docket No. 990007-EI, Environmental Cost Recovery Clause.

**COMMISSIONER DEASON:** Thank you. We are going to take appearances in just a moment. Let me ask Staff, are we going to take appearances for all the dockets at this time?

**MR. KEATING:** I think that's how we've done it.

**COMMISSIONER DEASON:** And then parties will indicate on which dockets they are appearing?

**MR. KEATING:** Yes.

**COMMISSIONER DEASON:** Very well. We'll take appearances.

**MR. BURGESS:** I'm Steve Burgess here on

1 behalf of the Public Counsel's Office representing the  
2 Citizens of the State of Florida in all the dockets  
3 before the Commission.

4 **MR. PALECKI:** Michael Palecki on behalf of  
5 City Gas Company of Florida, 3111 Mahan Drive,  
6 Tallahassee, Florida in the 002 and 003 dockets.

7 **MR. MCGEE:** James McGee on behalf of Florida  
8 Power Corporation in the 01 and 02 dockets.

9 **MS. KAUFMAN:** John McWhirter and Vicki  
10 Gordon Kaufman of the McWhirter Reeves law firm on  
11 behalf of the Florida Industrial Power Users Group in  
12 the 01, 02 and 07 dockets.

13 **MR. CHILDS:** Matthew M. Childs with the firm  
14 of Steel, Hector and Davis appearing on behalf of  
15 Florida Power & Light Company in the 01 and 07  
16 dockets.

17 **MR. STONE:** Jeffrey A. Stone and together  
18 with me is Russell A. Badders of the law firm of Beggs  
19 and Lane, Pensacola, and we're appearing in the 01, 02  
20 and 07 dockets.

21 **MR. WILLIS:** Lee L. Willis together with  
22 James D. Beasley and Kenneth R. Hart of Ausley &  
23 McMullen, P.O. Box 391, Tallahassee, Florida 32302  
24 appearing on behalf of Tampa Electric Company in the  
25 01, 02 and 07 dockets.

1           **MR. KEATING:** Cochran Keating appearing on  
2 behalf of the Commission Staff in the 01 and 03  
3 dockets.

4           **MS. JAYE:** Grace Jaye appearing on behalf of  
5 Commission Staff in the 02 and 07 dockets.

6           **COMMISSIONER DEASON:** And there are a number  
7 of other parties who have been excused from this  
8 proceeding because all issues have been stipulated; is  
9 that correct?

10          **MR. KEATING:** I believe so.

11          **COMMISSIONER DEASON:** Very well.

12                                   \* \* \* \* \*

13          **COMMISSIONER DEASON:** We will now proceed to  
14 the 02 docket.

15          **MS. JAYE:** Commissioner, the 02 docket has  
16 been completely stipulated and the -- at this time I  
17 would recommend that we move the witnesses' testimony  
18 and exhibits into the record. If we could number the  
19 exhibits as well.

20          **COMMISSIONER DEASON:** Okay. Let's address  
21 the testimony to begin with. The witnesses are listed  
22 on Page 6 of the prehearing order. At least on my  
23 version of the prehearing order it's Page 6. Is that  
24 correct?

25          **MS. JAYE:** Yes, Commissioner, that is



1 correct.

2           **COMMISSIONER DEASON:** Okay. There are nine  
3 witnesses in total. Just for purposes of the record,  
4 would you just go through that list of witnesses  
5 please.

6           **MS. JAYE:** Yes. The witnesses are as  
7 follows: Michael F. Jacob, Leonor Busto, Margaret D.  
8 Neyman, Howard T. Bryant, Beverly A. Bauck, Carl  
9 Smith, Bruce Narzissenfeld, J. Brent Caldwell and  
10 Michael A. Peacock.

11           **COMMISSIONER DEASON:** Okay. Very well. The  
12 prefiled testimony of the listed witnesses will be  
13 admitted into the record.

14           We also need to identify the prefiled  
15 exhibits. Those exhibits appear on my version of the  
16 prehearing order on Pages 15, 16, 17 and 18?

17           **MS. JAYE:** Yes, Commissioner, that is  
18 correct.

19           **COMMISSIONER DEASON:** Would you number those  
20 first, please?

21           **MS. JAYE:** Yes, Commissioner. I would begin  
22 with the exhibit of Michael F. Jacob. This  
23 identification number is MFJ-1. That would be Exhibit  
24 1, followed by MFJ-2 which would be Exhibit 2 and so  
25 on through the list ending with Exhibit 18.

1                   **COMMISSIONER DEASON:** Very well. The  
2 prefiled exhibits will be identified consistent with  
3 the list appearing on Pages 15 through 18 of the  
4 prehearing order and will constitute Exhibits 1  
5 through 18, and without objection those exhibits are  
6 also admitted.

7                   (Exhibits 1-18 marked for identification and  
8 received in evidence.)

9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

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, 17757 U.S. Highway 19 North, Suite 660, Clearwater, Florida,  
4 33764-6592.

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**  
11 **last 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 compare the actual costs for  
16 implementing programs during the April 1998 through December 1998 time  
17 frame with the revenues collected pursuant to the conservation cost recover  
18 factor for that same period of time.

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

2 A. Florida Power seeks recovery pursuant to the Conservation Cost Recovery  
3 Clause for the following conservation programs approved by the Commission  
4 as part of FPC's DSM Plan, as well as for Conservation Program Administration  
5 (those common administration expenses not specifically linked to an individual  
6 program).

- 7 • Home Energy Check
- 8 • Home Energy Improvement
- 9 • Residential New Construction
- 10 • Energy Management (Residential and Commercial)
- 11 • Business Energy Check
- 12 • Better Business
- 13 • Commercial/Industrial New Construction
- 14 • Innovation Incentive
- 15 • Standby Generation
- 16 • Interruptible Service
- 17 • Curtailable Service
- 18 • Technology Development
- 19 • Gas Demonstration
- 20 • Qualifying Facility

21

22 **Q. Do you have any Exhibits to your testimony?**

1 A. Yes, Exhibit No. 1 (MFJ-1) entitled, "Florida Power Corporation Energy  
2 Conservation Adjusted Net True-Up for the Period April 1998 through  
3 December 1998." There are five (5) schedules to this exhibit.

4  
5 **Q. Will you please explain your Exhibit**

6 A. Yes. Exhibit No. 1 (MFJ-1) presents Schedules CT-1 through CT-5. These  
7 schedules set out the actual costs incurred for all programs during the nine  
8 month period from April 1998 through December 1998. These pages also  
9 describe the variance between actual costs and previously projected values for  
10 the same time period. Schedule CT-5, consisting of 14 pages, provides a brief  
11 summary report for each program that includes a program description, fiscal  
12 expenditures for the April 1998 through December 1998 period, and program  
13 accomplishments over the same period.

14  
15 **Q. Would you please discuss Schedule CT-1?**

16 A. Yes. Schedule CT-1 for the nine month period ending December 1998 shows  
17 that Florida Power Corporation under-recovered \$1,359,603, including  
18 principal, interest, and a revenue decoupling adjustment, in its Conservation  
19 Cost Recovery Clause. This amount is \$8,840,575 less than what was  
20 previously projected.

21  
22 **Q. Does this conclude your direct testimony?**

23 A. Yes.

**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 13<sup>th</sup> 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

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

3  
4 My testimony also covers the calculation of the final true-up amount for  
5 residential revenue decoupling for 1997 and the calculation of the final  
6 estimated true-up balance of \$6,699,054 (under-recovery) which has been  
7 incorporated in the calculation of the Energy Conservation Cost Recovery  
8 Factor.

9  
10 **Q. Do you have any Exhibits to your testimony?**

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

16  
17 **Q. For what programs does FPC seek recovery?**

18 A. FPC is seeking to recover those costs allowed pursuant to Rule 25-17.015  
19 of the Florida Administrative Code, as adopted by the Florida Public Service  
20 Commission, for each of the following programs as well as for  
21 Conservation Program Administration (those common administration  
22 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 reprojected 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. 1 (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.

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

	Secondary	Primary	Transmission
<u>Retail Rate Schedule</u>	<u>Voltage</u>	<u>Voltage</u>	<u>Voltage</u>
Residential	\$2.39	N/A	N/A
General Service Non-Demand	\$1.72	\$1.70	\$1.69
General Service 100% Load Factor	\$1.21	N/A	N/A
General Service Demand	\$1.41	\$1.40	\$1.38
Curtable	\$1.22	\$1.21	\$1.20
Interruptible	\$1.16	\$1.15	\$1.14
Lighting	\$0.59	N/A	N/A

Revenue Decoupling

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

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

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

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

DOCUMENT NUMBER-DATE

12239 OCT-88

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.

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

**FLORIDA POWER & LIGHT COMPANY**

**TESTIMONY OF LEONOR M. BUSTO**

**DOCKET NO. 990002-EG**

**May 14, 1999**

1 **Q. Please state your name and business address.**

2 A. My name is Leonor M. Busto, and my business address is: 9250 West Flagler  
3 Street, Miami, Florida 33174.

4

5 **Q. Who is your employer and what position do you hold?**

6 A. I am employed by Florida Power & Light Company (FPL) as a Regulatory and  
7 Administrative Support Supervisor.

8

9 **Q. Have you previously testified in this docket?**

10 A. Yes, I have.

11

12 **Q. What are your responsibilities and duties as a Regulatory and Administrative  
13 Support Supervisor?**

14 A. I am responsible for Regulatory and Administrative Support of the Marketing  
15 Programs, including all training, budgeting, accounting and system support  
16 function related to the Demand Side Management programs. I am also

1 responsible for preparing the Energy Conservation Cost Recovery (ECCR)  
2 Forecast and True-Up.

3

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

5 A. The purposes of my testimony are (1) to present the conservation related  
6 revenues and costs associated with FPL's energy conservation programs for the  
7 period April 1, 1998 through December 31, 1998, and (2) to present the net  
8 overrecovery for the period April 1, 1998 through December 31, 1998 to be  
9 carried forward for calculation of FPL's new ECCR factors.

10

11 **Q. Have you prepared or had prepared under your supervision and control an  
12 exhibit?**

13 A. Yes. I am sponsoring Exhibit LMB-1, which is attached to my testimony, and  
14 consists of Schedules CT-1 through CT-6, and Appendix A. Appendix A is the  
15 documentation required by Rule 25-17.015(5), F.A.C. regarding specific claims  
16 of energy savings in advertisements. While I am sponsoring all of Exhibit LMB-  
17 1, parts of the exhibit were prepared at my request by Ms. Korel M. Dubin,  
18 Principal Rate Analyst, Rates and Tariffs Department, who is available to  
19 respond to any questions which the parties or the Commission may have regarding  
20 those parts. Exhibit LMB-1, Table of Contents, Page 1 of 1, identifies the  
21 portions prepared by, or under the supervision of, Ms. Dubin and me.



1 **Q. What is the actual net true-up amount which FPL is requesting for the April**  
2 **1998 through December 1998 period?**

3 A. FPL has calculated and is requesting approval of an overrecovery of \$3,068,391  
4 as the actual net true-up amount for that period.

5

6 **Q. What is the adjusted net true-up amount which FPL is requesting for the**  
7 **April 1998 through December 1998 period which is to be carried over and**  
8 **refunded in the January 2000 through December 2000 period?**

9 FPL has calculated and is requesting approval of an overrecovery of \$5,093,496  
10 as the adjusted net true-up amount for that period. The adjusted net true-up of an  
11 overrecovery of \$5,093,496 is the difference between the actual net true-up of  
12 an overrecovery of \$3,068,391 and the estimated/actual net true-up of an  
13 underrecovery of \$2,025,105 approved by the Commission at the November 1998  
14 Hearing. This is shown on Exhibit 3, (LMB-1), Schedules CT-1 Page 1 of 1,  
15 and CT-2 Page 1 of 5.

16

17 **Q. Are all costs listed in Schedule CT-2 attributable to approved programs?**

18 A. Yes they are.

19

20 **Q. During the April 1998 through December 1998 period, is FPL seeking**  
21 **recovery of any advertising which makes a specific claim of potential energy**  
22 **savings or states appliance efficiency ratings or savings?**

23 A. Yes. A copy of the advertising, data sources and calculations used to substantiate  
24 the savings are included in Appendix A, Pages 1-A through 7-B.

1 **Q. How did your actual program expenditures for April 1998 through**  
2 **December 1998 compare to the Estimated/Actual and original estimated**  
3 **projections for that period presented at the November 1998 Hearing?**

4 A. At the November 1998 Hearing, total expenditures for April 1998 through  
5 December 1998 were estimated to be \$125,697,330. The actual expenditures for  
6 the period were \$125,620,407. This represents a period variance of \$76,923 less  
7 than projected. This variance is shown on Schedule CT-2, Page 3 of 5, Line 32,  
8 and is explained in Schedule CT-6.

9  
10 **Q. Was the calculation of the adjusted net true-up amount for the period April**  
11 **1998 through December 1998 period performed consistently with the prior**  
12 **true-up calculations in this and the predecessor conservation cost recovery**  
13 **dockets?**

14 A. FPL's adjusted net true-up was calculated consistent with the methodology set  
15 forth in Schedule 1, page 2 of 2 attached to Order No. 10093, dated June 19, 1981.  
16 The schedules prepared by Ms. Dubin detail this calculation.

17  
18 **Q. What was the source of the data used in calculating the actual net true-up**  
19 **amount?**

20 A. Unless otherwise indicated, the data used in calculating the adjusted net true-up  
21 amount is taken from the books and records of FPL. The books and records are  
22 kept in the regular course of our business in accordance with generally accepted  
23 accounting principles and practices, and provisions of the Uniform System of  
24 Accounts as prescribed by this Commission. As directed in Rule 25-17.015,

1 F.A.C., Schedules CT-2, Pages 4 and 5 of 5 provide a complete list of all account  
2 numbers used for conservation cost recovery during the period April 1998 through  
3 December 1998.

4

5 **Q. Does that conclude your testimony?**

6 A. Yes, it does.

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION****FLORIDA POWER & LIGHT COMPANY****TESTIMONY OF LEONOR M. BUSTO****DOCKET NO. 990002-EG****September 27, 1999**

1 **Q. Please state your name and business address.**

2 A. My name is Leonor M. Busto, and my business address is: 9250 West Flagler  
3 Street, Miami, Florida 33174.

4

5 **Q. Who is your employer, and what position do you hold?**

6 A. I am employed by Florida Power & Light Company (FPL) as Regulatory and  
7 Administrative Support Supervisor.

8

9 **Q. What are your responsibilities and duties as a Regulatory and  
10 Administrative Support Supervisor?**

11 A. I am responsible for Regulatory and Administrative Support of the Marketing  
12 Programs, including all training, budgeting, accounting and system support  
13 function related to the Demand Side Management programs. I am also  
14 responsible for preparing the Energy Conservation Cost Recovery (ECCR)  
15 Forecast, True-Up and Testimony.

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

2 A. The purpose is to submit for Commission review and approval the projected  
3 ECCR costs to be incurred by FPL during the months of January 2000 through  
4 December 2000, as well as the actual/estimated ECCR costs for January 1999  
5 through December 1999, for our Demand Side Management programs. I also  
6 present the total level of costs FPL seeks to recover through its Conservation  
7 Factors during the period January 2000 through December 2000, as well as the  
8 Conservation Factors which, when applied to our customers' bills during the  
9 period January 2000 through December 2000, will permit the recovery of total  
10 ECCR costs.

11

12 **Q. Are you sponsoring an exhibit in connection with your testimony?**

13 A. Yes, I am sponsoring Exhibit LMB-2, which is attached to my testimony and  
14 consists of Schedules C-1 through C-5. While I am sponsoring all of Exhibit  
15 LMB-2, parts of the exhibit were prepared at my request by Ms. Korel M. Dubin,  
16 Principal Rate Analyst, Rates and Tariff Administration, who is available to  
17 respond to any questions which the parties or the Commission may have  
18 regarding those parts. Exhibit LMB-2, Table of Contents, Page 1 of 1, identifies  
19 the portion prepared by, or under the supervision of, Ms. Dubin and me.

20

21 **Q. Are all the costs listed in these schedules reasonable, prudent and**  
22 **attributable to programs approved by the Commission ?**

23 A. Yes they are.

1 **Q. Please describe the methods used to derive the program costs for which FPL**  
2 **seeks recovery.**

3 A. The actual expenditures for the months January 1999 through July 1999 are taken  
4 from the books and records of FPL. Expenditures for the months of August 1999  
5 through December 1999, and January 2000 through December 2000 are  
6 projections based upon a detailed month-by-month analysis of the expenditures  
7 expected for each program at each location within FPL where such costs are  
8 incurred. These projections are developed by each FPL location where costs are  
9 incurred and take into consideration not only cost levels but also market  
10 penetrations. They have been subjected to FPL's budgeting process and an on-  
11 going cost-justification process.

12

13 **Q. Does that conclude your testimony?**

14 A. Yes, it does.

1 Gulf Power Company

2 Before the Florida Public Service Commission

3 Prepared Direct Testimony of

4 Margaret D. Neyman

5 Docket No. 990002-EG

6 May 14, 1999

7

8 Q. Will you please state your name, business address,  
9 employer and position?

10 A. My name is Margaret D. Neyman and my business address is  
11 One Energy Place, Pensacola, Florida 32520. I am  
12 employed by Gulf Power Company as the Marketing Services  
13 Manager.

14 Q. Ms. Neyman, for what purpose are you appearing before  
15 this Commission today?

16 A. I am testifying before this Commission on behalf of Gulf  
17 Power Company regarding matters related to the Energy  
18 Conservation Cost Recovery Clause, specifically the  
19 approved programs for April, 1998, through December,  
20 1998.

21 Q. Are you familiar with the documents concerning the  
22 Energy Conservation Cost Recovery Clause and its related  
23 true-up and interest provisions?

24 A. Yes, I am.

25

1 Q. Have you verified, that to the best of your knowledge  
2 and belief, this information is correct?

3 A. Yes, I have.

4 Counsel: We ask that Ms. Neyman's exhibit consisting of  
5 6 Schedules, CT-1 through CT-6, be marked for  
6 identification as:

7 Exhibit No. 5 (MDN-1)

8

9 Q. Would you summarize for this Commission the deviations  
10 resulting from the actual expenditures for this recovery  
11 period and the original estimates of expenses?

12 A. The estimated true-up net expenses for the entire  
13 recovery period April, 1998, through December, 1998,  
14 were \$1,866,305, while the actual costs were \$2,042,773  
15 resulting in a variance of \$176,468 or 9.5% over the  
16 estimated true-up.

17

18 Q. Ms. Neyman, would you explain the April, 1998, through  
19 December, 1998, variance?

20 A. Yes, the reasons for this variance are an increase in  
21 expenses in Geothermal Heat Pump, over \$58,267; Advanced  
22 Energy Management, over \$129,588; Commercial GoodCents  
23 Buildings, over \$50,802; Commercial/Industrial E.A. &  
24 T.A.A., over \$40,203; Commercial Mail-in Audit, over  
25 \$17,456; and Solar for Schools, over \$5,771. These



1 program expenses are off-set by Residential Energy  
2 Audits, under \$25,169; Gulf Express Loan Program, under  
3 \$4,488; In Concert With The Environment, under \$1,302;  
4 GoodCents Environmental Home, under \$8,056; Duct Leakage  
5 Program, under \$11,431; Research and Development, under  
6 \$64,752; Residential Mail-in Audit, \$10,421 under,  
7 resulting in a variance of \$176,468 over budget. A more  
8 detailed description of the deviations is contained in  
9 Schedule CT-6.

10

11 Q. Ms. Neyman, what was Gulf's adjusted net true-up for the  
12 period April, 1998, through December, 1998?

13 A. There was an under-recovery of \$416,045 as shown on  
14 Schedule CT-1, page 1.

15

16 Q. Would you describe the results of your programs during  
17 the April, 1998, through December, 1998, recovery  
18 period?

19 A. A more detailed review of each of the programs is  
20 included in my Schedule CT-6. The following is a  
21 synopsis of the accomplishments during this recovery  
22 period.

23 (A) Home Energy Audits - During this period, we  
24 projected to audit 1,500 structures. We actually  
25 completed 1,079.

- 1 (B) Residential Mail-In Audits - During this period,  
2 750 audits were projected and 260 audits were  
3 completed.
- 4 (C) Gulf Express Loan Program - No loans were completed  
5 during this period. The program discontinued  
6 accepting new loans in June, 1997.
- 7 (D) In Concert With The Environment - During this recovery  
8 period, no students attended the program compared to a  
9 projection of 750 students.
- 10 (E) Good Cents Environmental Home - During this recovery  
11 period, no homes were completed compared to a  
12 projection of 4.
- 13 (F) Duct Leakage Program - During this recovery period, no  
14 homes were completed compared to a projection of 15.
- 15 (G) Geothermal Heat Pump - During this recovery period, a  
16 total of 266 geothermal heat pumps were installed  
17 compared to a projection of 274.
- 18 (H) Advanced Energy Management - During this recovery  
19 period, no units were installed. Startup of this  
20 program has been delayed until summer of 1999 due to  
21 equipment delays.

22

23 The program is designed to provide the customer with a  
24 means of conveniently and automatically controlling  
25 and monitoring his/her energy purchases in response to

1 prices that vary during the day and by season in  
2 relation to the Company's cost of producing or  
3 purchasing energy. The AEM system includes field  
4 units utilizing a communication gateway, radio  
5 frequency (RF) based Local Area Network (LAN), major  
6 appliance load control relays, and a proprietary,  
7 programmable thermostat (Superstat), all operating at  
8 the customer's home. This program will be marketed  
9 under the name "GoodCents Select."

10  
11 Gulf expected 6,750 customers to participate in this  
12 program by the end of the projection period. However,  
13 the program has been delayed due to several factors.

14  
15 The expected prototype units have been delivered, but  
16 the production units have been delayed due to failures  
17 of electronic components during testing. Gulf now  
18 estimates production units will not arrive until mid-  
19 1999. Despite the unpreventable delays that have  
20 occurred, Gulf still believes that the AEM System is a  
21 viable program. Gulf's near term residential  
22 conservation goals have been adversely impacted as a  
23 result of the delays in implementing AEM, but the  
24 process has produced the most cost-effective solution  
25 that is currently possible.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

Gulf is modifying its schedule for market implementation as a result of the delays, and plans to increase the number of units deployed during the latter part of 1999 and during the years 2000 to 2009 to accomplish the basic program objective of achieving a total of 99,000 kilowatts of peak demand reduction by year end 2009.

- (I) GoodCents Building - During this recovery period a total of 159 buildings were built or improved to Good Cents standards, compared to a budget of 165.
- (J) Energy Audits and Technical Assistance Audits - During this recovery period, a total of 101 EA/TAA were completed compared to a projection of 179.
- (K) Commercial/Industrial Mail-in Audit - 825 mail-in audits were projected compared to 913 mail-in audits being completed.
- (L) Solar for Schools - During this recovery period, Gulf evaluated a "green pricing" promotion plan. The communications plan for Green Pricing promotion will be centered around presentations to civic groups, construction of a web page, press releases and payment center brochures. Additionally, Gulf intends to communicate by bill inserts, direct mail and certain events such as Earth Day. New solar

1           lights were installed in 3 locations. One is a  
2           test light that is being tracked in the  
3           Conservation Demonstration and Development program.  
4           The other two lights are located at schools in  
5           Gulf's service area.

6           (M) Conservation Demonstration and Development - Sixteen  
7           research or demonstration projects have been  
8           identified and are detailed in Schedule CT-6.

9

10    Q.    Ms. Neyman, does this conclude your testimony?

11    A.    Yes, it does.

12

13

14

15

16

17

18

19

20

21

22

23

24

25

1 Gulf Power Company

2 Before the Florida Public Service Commission

3 Prepared Direct Testimony of

4 Margaret D. Neyman

5 Docket No. 990002-EG

6 September 27, 1999

7

8 Q. Will you please state your name, business address,

9 employer and position?

10 A. My name is Margaret D. Neyman and my business address

11 is One Energy Place, Pensacola, Florida 32520. I am

12 employed by Gulf Power Company as the Marketing

13 Services Manager.

14

15 Q. Are you familiar with the documents concerning the

16 Energy Conservation Cost Recovery?

17 A. Yes, I am.

18

19 Q. Have you verified, that to the best of your knowledge

20 and belief, this information is correct?

21 A. Yes, I have.

22

23 Counsel: We ask that Ms. Neyman's exhibit consisting

24 of 5 Schedules be marked for identification as:

25 Exhibit No. 6 (MDN-2).

1 Q. Ms. Neyman, for what purpose are you appearing before  
2 this Commission today?

3 A. I am testifying before this Commission on behalf of  
4 Gulf Power Company regarding matters related to the  
5 Energy Conservation Cost Recovery Clause and to answer  
6 any questions concerning the accounting treatment of  
7 conservation costs in this filing. Specifically, I  
8 will address projections for approved programs during  
9 the January, 2000, through December, 2000, recovery  
10 period and the results of those programs during the  
11 recovery period, January, 1999, through December, 1999,  
12 (8 months actual, 4 months estimated).

13

14 Q. Would you summarize for this Commission the deviations  
15 resulting from the actual expenditures for January  
16 through August of the current recovery period?

17 A. Projected expenses for the period were \$1,721,412  
18 compared to actual expenses of \$1,705,224 for a  
19 difference of \$16,188 or 0.01% below budget. A  
20 detailed summary of these expenses is contained in my  
21 Schedule C-3, pages 1 and 3 and my Schedule C-5, pages  
22 1 through 16.

23

24

25

- 1 Q. Would you describe the results achieved so far this  
2 year by the programs during the period, January, 1999,  
3 through August, 1999?
- 4 A. A detailed summary of year-to-date results for each  
5 program is contained in my Schedule C-5, pages 1  
6 through 16.  
7
- 8 Q. Would you summarize the conservation program cost  
9 projections for the January, 2000 through December,  
10 2000 recovery period?
- 11 A. Program costs for the recovery period are projected to  
12 be \$2,676,912. These costs are broken down as follows:  
13 depreciation/amortization and return, \$427,628;  
14 payroll/benefits, \$1,719,320; materials/expenses,  
15 \$649,898; and advertising, \$315,325; all of which are  
16 offset by program revenues, \$189,128 and credits Gulf  
17 will be receiving from the Advanced Energy Management  
18 equipment vendor. More detail is contained in my  
19 Schedule C-2.  
20
- 21 Q. Would you review the expected results for your programs  
22 during the January, 2000, through December, 2000,  
23 recovery period?
- 24 A. The following is a synopsis of each program goal:  
25 (1) Residential Energy Audits - During the period,



- 1           1,500 audits are projected to be completed. These  
2           audits emphasize selling customers on making  
3           conservation improvements.
- 4           (2) Residential Mail-In Audit - This is a direct mail  
5           energy auditing program. This program builds on  
6           the success of Gulf's existing Residential Energy  
7           Audit program and will assist in the evaluation of  
8           the specific energy requirements of a residential  
9           dwelling. Gulf expects 1,500 participants during  
10          the projection period.
- 11          (3) Gulf Express Loan Program - This program is no  
12          longer accepting new loans. No units are  
13          projected during this period. The projected costs  
14          are for the administration of existing loans.
- 15          (4) In Concert With The Environment - This energy  
16          awareness program is designed for 8th and 9th  
17          grade students as a supplement to the residential  
18          audit program. Beginning in 2000, the program  
19          will no longer be promoted as a stand alone  
20          program. It will remain available for students  
21          until Gulf's contract with the survey/tabulation  
22          company expires at the end of 2000.
- 23          (5) Duct Leakage Repair - The object of the program is  
24          to provide the customer with a means to identify  
25          house air duct leakage and recommend repairs that

1 can reduce customer kWh energy usage and kW  
2 demand. This program will also be made available  
3 to any customer desiring it. However, expenses  
4 and units are not projected for the 2000  
5 projection period.

6 (6) Geothermal Heat Pump - The objective of this  
7 program is to reduce the demand and energy  
8 requirements of new and existing residential  
9 customers through the promotion and installation  
10 of geothermal systems. During the projection  
11 period, 500 customers are expected to participate  
12 in the program.

13 (8) Residential Advanced Energy Management (AEM) - The  
14 program is designed to provide the customer with a  
15 means of conveniently and automatically controlling  
16 and monitoring energy purchases in response to prices  
17 that vary during the day and by season in relation to  
18 the Company's cost of producing or purchasing energy.  
19 The AEM system includes field units utilizing a  
20 communication gateway, a radio frequency based Local  
21 Area Network, major appliance load control relays,  
22 and a programmable thermostat (Superstat), all  
23 operating at the customer's home. This program will  
24 be marketed under the name "GoodCents Select."  
25

1 AEM production units will arrive in late 1999.  
2 Gulf expects 6,000 customers to participate in  
3 this program by December, 2000. The startup of  
4 the program was delayed because of several issues.  
5 Please refer to M.D. Neyman testimony, Docket No.  
6 980002-EG, January 13, 1998, for a detailed  
7 explanation of the factors contributing to the  
8 delay in full implementation. As a result of the  
9 delays, the schedule for market implementation has  
10 been modified. Gulf has increased the number of  
11 units to be deployed during the years 2000 to 2003  
12 to still accomplish the basic program objective of  
13 achieving a total of 80,000 kilowatts of peak  
14 demand reduction by year end 2004.

15  
16 Despite the unpreventable delays that have  
17 occurred, Gulf still believes that the AEM System  
18 is a viable program and the development process  
19 has produced the most cost-effective solution  
20 possible.

21 (9) GoodCents Building - This program includes both  
22 new and existing commercial customers. For the  
23 projection period, 215 installations are expected.  
24 Implementation strategies will concentrate on  
25 architects, engineers, developers and other

- 1 decision makers in the construction process.
- 2 (10) Energy Audits and Technical Assistance Audits -  
3 Gulf projects 125 audits for 2000. Emphasis will  
4 be placed on audits for large, complex commercial  
5 customers such as hospitals, hotels and office  
6 buildings. These audits will focus on the  
7 benefits of alternative technologies such as heat  
8 pump water heaters and geothermal technologies.
- 9 (11) Commercial/Industrial Mail-In Audit - This is a  
10 direct mail energy auditing program. This program  
11 builds on the success of Gulf's existing  
12 Commercial/Industrial Energy Audit program and  
13 will assist in the evaluation of the specific  
14 energy requirements of a given business type.  
15 Gulf expects 950 participants during the  
16 projection period.
- 17 (12) Solar for Schools Pilot - This program uses "green  
18 pricing" to fund solar technologies in public  
19 schools. It also incorporates a school-based  
20 energy education component as well as enhanced  
21 security lighting for schools.
- 22 (13) Conservation Demonstration and Development -  
23 For this period, 16 research projects have been  
24 identified. A detailed description of each  
25 project is in Schedule C-2.

1 Q. What has contributed to the under recovery of \$912,032  
2 found in Schedule C-3, Page 6 of 7?

3 A. There are three factors that have contributed to the  
4 under recovery, 1) the inclusion of Construction Work  
5 in Progress (CWIP) associated with the Advanced Energy  
6 Management (AEM) program, 2) a mathematical error made  
7 in the preparation of the 1999 ECCR Projection filing  
8 and, 3) failure of the AEM equipment manufacturer to  
9 deliver production units as projected.

10

11 Since 1996 Gulf has made expenditures to develop  
12 components of the AEM system. No rate of return  
13 associated with this CWIP was included as program  
14 related recoverable costs in previous filings. In this  
15 filing, Gulf has included the rate of return for CWIP  
16 associated with AEM starting January 1, 1999.

17

18 The mathematical error occurred when the supporting  
19 C-Schedules were converted to the calendar year basis.  
20 This resulted in overstating the 1998 estimated over  
21 recovery amount by approximately \$250,000.

22

23 The delay in installation of production units has  
24 resulted in a loss of program revenues totaling \$362,400  
25 and the additional expense of having the installation

1 contractor on site without units to install  
2 (approximately \$600,000).

3

4 These amounts have been offset somewhat by expenses  
5 associated with the deployment of the program that Gulf  
6 has not incurred.

7

8 Q. Ms. Neyman, what amount does Gulf propose to bill for  
9 the months January, 2000, through December, 2000, as  
10 Energy Conservation Cost Recovery factors?

11 A. The factors for these months and how they were derived  
12 are detailed on Schedule C-1, page 3 of 3.

13

14 Q. Ms. Neyman, does this conclude your testimony?

15 A. Yes, it does.

16

17

18

19

20

21

22

23

24

25

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

BEFORE THE PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

HOWARD T. BRYANT

Q. Please state your name and address.

A. My name is Howard Bryant. My business address is 702 North Franklin Street in Tampa, Florida 33602.

Q. Mr. Bryant, what is the purpose of your testimony?

A. The purpose of my testimony is to support the Company's actual conservation costs incurred during the period April 1, 1998 through and including December 31, 1998, the actual and projected period of January 1, 1999 to December 31, 1999, and the twelve month projected period of January 1, 2000 through December 31, 2000. Also, I will support the level of charges (benefits) for the interruptible Customers allocated to the period April 1, 1999 through December 31, 1999. The balance of costs will be charged to the firm Customers on a per kilowatt-hour basis in accordance with Docket No. 930759-EG, Order No. PSC-93-1845-FOF-EG dated December 29, 1993.

1 Q. What is the basis of this request for expenses to be based  
2 on different charges for interruptible and firm Customers?

3  
4 A. Tampa Electric Company believes that our conservation and  
5 load management programs do not accrue capacity benefits to  
6 interruptible Customers. This position has been supported  
7 by this Commission in Dockets 900002-EG through 990002-EG.  
8 The Company estimates the cumulative effects of its  
9 conservation and load management programs will allow the  
10 interruptible Customers to have lower fuel costs  
11 (\$0.18/MWH) due to the reductions in marginal fuel costs.  
12

13 Q. How were those benefits calculated?

14  
15 A. To determine fuel savings effects, we have calculated a  
16 "what if there had been no conservation programs." The  
17 results indicate that the avoided gigawatt-hours have  
18 actually reduced average fuel costs due to the fact that  
19 higher priced marginal fuels would be burned if the  
20 gigawatt-hours had not been saved.

21  
22 The attached analysis, Exhibit No. (HTB-2), Conservation  
23 Costs Projected, portrays costs and benefits.

24  
25 Q. Doesn't charging different amounts for firm and



- 1 | interruptible Customers conflict with the Florida Energy  
2 | Efficiency and Conservation Act?  
3 |
- 4 | **A.** No. The act requires the utilities, through the guidance  
5 | of the Florida Public Service Commission, to cost  
6 | effectively reduce peak demand, energy consumption and the  
7 | use of scarce resources, particularly petroleum fuels. It  
8 | does not require all Customers to pay the utilities'  
9 | conservation costs no matter if they receive the same level  
10 | of benefits or not. The relationships between costs and  
11 | benefits received are specifically the determination of the  
12 | Commission.  
13 |
- 14 | **Q.** Please describe the conservation program costs projected by  
15 | Tampa Electric Company during the period April 1, 1998  
16 | through December 31, 1998.  
17 |
- 18 | **A.** For the period April 1, 1998 through December 31, 1998  
19 | Tampa Electric Company projected conservation program costs  
20 | to be \$14,799,690. The Commission authorized collections  
21 | to recover these expenses in Docket No. 980002-EG, Order  
22 | No. PSC-98-0403-FOF-EG, issued March 18, 1998.  
23 |
- 24 | **Q.** Mr. Bryant, for the period April 1, 1998 through December  
25 | 31, 1998, what were Tampa Electric's conservation costs and

1           what was recovered through the Conservation Cost Recovery  
2           Clause?

3  
4   **A.**   For the period April 1, 1998 through December 31, 1998  
5           Tampa Electric Company incurred actual net conservation  
6           costs of \$15,368,605, plus a beginning true-up over  
7           recovery of \$975,858 for a total of \$14,392,747. The  
8           amount collected in the Conservation Cost Recovery Clause  
9           was \$16,797,180.

10

11   **Q.**   What was the true-up amount?

12

13   **A.**   The true-up amount for the period April 1, 1998 through  
14           December 31, 1998 was an over recovery of \$2,485,639.  
15           These calculations are detailed in Exhibit No. (HTB-1),  
16           Conservation Cost Recovery True Up, Pages 1 through 10.

17

18   **Q.**   Please describe the conservation program costs incurred and  
19           projected to be incurred by Tampa Electric Company during  
20           the period January 1, 1999 through December 31, 1999.

21

22   **A.**   The actual costs incurred by Tampa Electric Company through  
23           August 31, 1999 and estimated for September 1, 1999 through  
24           December 31, 1999 are \$18,388,690.

25

1 For the period, Tampa Electric anticipates an over recovery  
2 in the conservation cost recovery of \$2,068,849 which  
3 includes the previous period true-up and interest. A  
4 summary of these costs and estimates are fully detailed in  
5 Exhibit No. (HTB-2), Conservation Costs Projected, Pages 1  
6 through 31.

7  
8 **Q.** Mr. Bryant, for the period January 1, 2000 through and  
9 including December 31, 2000, what are Tampa Electric's  
10 estimates of its conservation costs and cost recovery  
11 factor?

12  
13 **A.** The company has estimated that the total conservation costs  
14 (less program revenues) during that period will be  
15 \$18,612,677 plus true-up. Including true-up estimates and  
16 the interruptible sales contribution at 0.018 cents/KWH,  
17 the cost recovery factors for firm retail rate classes will  
18 be 0.125 cents/KWH for Residential, 0.110 cents/KWH for  
19 General Service Non-Demand and Temporary Service (GS, TS),  
20 0.096 cents/KWH for General Service Demand (GSD)-Secondary,  
21 0.095 cents/KWH for General Service Demand (GSD)-Primary,  
22 0.089 cents/KWH for General Service Large Demand and Firm  
23 Standby (GSLD, SBF)-Secondary, 0.088 cents/KWH for General  
24 Service Large Demand and Firm Standby (GSLD, SBF)-Primary,  
25 0.087 cents/KWH for General Service Large Demand and Firm

1 Standby (GSLD, SBF) - Subtransmission and 0.049 cents/KWH  
2 for Lighting (SL, OL). Exhibit No. (HTB-2), Conservation  
3 Costs Projected, pages 3 through 8 contain the Commission  
4 prescribed forms which detail these estimates.

5  
6 Q. Mr. Bryant, has Tampa Electric Company complied with the  
7 ECCR cost allocation methodology stated in Docket No.  
8 930759-EG, Order No. PSC-93-1845-EG?

9  
10 A. Yes, it has.

11  
12 Q. Does this conclude your testimony?

13  
14 A. Yes it does.  
15  
16  
17  
18  
19  
20  
21

## 1 BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

2 In Re: Conservation Cost Recovery Clause

3 DIRECT TESTIMONY OF BEVERLY A. BAUCK

4 On Behalf of5 Chesapeake Utilities Corporation

6 DOCKET NO. 990002-EG

7 Q. Please state your name, business address, by whom you are employed, and in  
8 what capacity.

9 A. My name is Beverly Bauck, and my business address is 1015 6<sup>th</sup> Street N.W.,  
10 Winter Haven, Florida, 33881. I am employed by Chesapeake Utilities  
11 Corporation ("Chesapeake") as Conservation Service Representative.

12 Q. Are you familiar with the energy conservation programs of Chesapeake and costs  
13 which have been, are projected to be, incurred in their implementation?

14 A. Yes.

15 Q. What is the purpose of your testimony in this docket?

16 A. The purpose of my testimony is to present data and summaries concerning the  
17 planned and actual accomplishments of Chesapeake's energy conservation  
18 programs during the period April 1998 through March 1999. Data related to  
19 calculation of the true-up for this period is also included.

20 Q. Have you prepared summaries of Chesapeake's conservation programs and the  
21 costs associated with them?

22 A. Yes. Summaries of the seven programs in connection with which Chesapeake  
23 incurred recoverable costs during the period April 1998 through March 1999 are

1 contained in Schedule CT6 of Exhibit BAB-1. Included are our Residential Home  
2 Builders Programs, Appliance Replacement Program, Water Heater Retention  
3 Program, Natural Gas Space Conditioning for Residential Homes Program,  
4 Natural Gas Space Conditioning Program, Residential Propane Distribution  
5 Program and our Conservation Education Program.

6 Q. Have you prepared schedules which show the expenditures associated with  
7 Chesapeake's energy  
8 Conservation programs for the periods you have mentioned?

9 A. Yes. Schedule CT-2 page 1, Exhibit BAB-1 shows actual expenses for the period.  
10 Schedule CT-2,  
11 Page 1, shows a comparison of the actual program costs and true-up with the  
12 estimated costs and true-up submitted at the February 1999 hearing in this docket.

13 Q. What was the total cost incurred by Chesapeake in connection with the seven  
14 programs during the months ending March 31, 1999?

15 A. As shown in Exhibit BAB-1, Schedule CT-2, page 2, total program costs were  
16 \$281,209. This total is \$ 1,954 less than our projection of the program costs for  
17 the twelve month period.

18 Q. Have you prepared, for the twelve-month period involved, a schedule which  
19 shows the variance of actual from projected costs by categories of expenses.

20 Yes. Schedule CT-2, page 3, of Exhibit BAB-1 shows these variances. Reasons  
21 for the variance are included in Schedule CT-5 of Exhibit BAB-1.

22 Q. What is Chesapeake's adjusted net true-up for the twelve-months ended March  
23 31, 1999?

1 A. We originally estimated an underrecovery, including interest of, \$40,317. This  
2 projected true-up amount was based on conservation revenues of \$246,176 for the  
3 period April 1998 through March 1999. However, sales during this period  
4 actually yielded conservation revenues of \$222,612, over projecting by \$23,566.  
5 Reducing expenses by \$1,954 less than projected results in a total difference  
6 including interest, of \$22,033 as shown on Schedule CT-1 of Exhibit BAB-1.

7 Q. Is this adjusted net true-up of \$22,033 an overrecovery or an underrecovery?

8 A. An underrecovery, as shown on Schedule CT-1 of Exhibit BAB-1.

9 Q. Does this conclude your testimony?

10 A. Yes, it does.

11

## 1 BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

2 In Re: Conservation Cost Recovery Clause

3 DIRECT TESTIMONY OF BEVERLY A. BAUCK

4 On behalf of5 Chesapeake Utilities Corporation6 DOCKET NO. 990002-EG7 Q. Please state your name, business address, by whom you are employed, and in what  
8 capacity.9 A. My name is Beverly A. Bauck, and my business address is 1015 6<sup>th</sup> Street N.W.,  
10 Winter Haven, Florida, 33881. I am employed by Chesapeake Utilities Corporation  
11 ("Chesapeake") as Conservation Services Representative.12 Q. Are you familiar with the energy conservation programs of Chesapeake and costs which  
13 have been, and are projected to be, incurred in their implementation?

14 A. Yes.

15 Q. What is the purpose of your testimony in this docket?

16 A. To describe generally the expenditures made and projected to be made in implementing,  
17 promoting, and operating Chesapeake's energy conservation programs. This will  
18 include recoverable costs incurred in April through July, 1999 and projections of  
19 program costs to be incurred from August through December, 1999. It will  
20 also include projected conservation costs for the period January 2000 through  
21 December 2000, with a calculation of the conservation adjustment factors to be applied  
22 to the customers' bills during the collection period of January 1, 2000 through December  
23 31, 2000.24 Q. Have you prepared summaries of Chesapeake's conservation programs and the costs  
25 associated with these programs?



- 1 A. Yes. Summaries of the seven programs are contained in Schedule C-4 of Exhibit BAB-  
2 2. Included are our Residential Home Builder Program, Residential Appliance  
3 Replacement Program, Residential Propane Distribution Program, Residential Water  
4 Heater Retention Program, Natural Gas Space Conditioning for Residential Homes  
5 Program, Gas Space Conditioning Program, and our Conservation Education Program.
- 6 Q. Have you prepared schedules which show the expenditures associated with  
7 Chesapeake's energy conservation programs for the periods you have mentioned?
- 8 A. Yes, Schedule C-3, Exhibit BAB-2 shows actual expenses for the months April through  
9 July, 1999. Projections for August through December, 1999 are also  
10 shown on Schedule C-3. Projected expenses for the January 2000 through December  
11 2000  
12 period are shown on Schedule C-2 of Exhibit BAB-2.
- 13 Q. Have You Prepared schedules which show revenues for the period April, 1999  
14 through December, 1999?
- 15 A. Yes. Schedule C-3 (Page 6 of 7, Line 4) shows actual revenues for the months April  
16 through July, 1999. Projections for August through December, 1999, are  
17 also shown on Schedule C-3 (Page 6 of 7, Line 4).
- 18 Q. Have you prepared a schedule which shows the calculation of Chesapeake's proposed  
19 conservation adjustment factors to be applied during billing periods from January 1, 2000  
20 through December 31, 2000?
- 21 A. Yes. Schedule C-1 of Exhibit BAB-2 shows this calculation. Net program cost  
22 estimates for the period April 1, 1999 through December 31, 1999 are used. The  
23 estimated true-up amount from Schedule C-3 (Page 6 of 7, Line 12) of Exhibit BAB-2,  
24 being an underrecovery, was added to the total of the projected costs for the nine-month  
25 period. The total amount was then divided among Chesapeake's firm rate classes,  
26 based on total projected contributions. The results were then divided by the projected

1 retail firm therm sales for each rate class for the twelve-month period ending December  
2 31, 2000. The resulting factors are shown on Schedule C-1 of Exhibit BAB-2.

3 Q. Does this conclude your testimony?

4 A. Yes, it does.

5

6

7

8

## BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26

In re: Conservation Cost Recovery Clause ) DOCKET NO. 990002-EG

## DIRECT TESTIMONY

OF

CARL SMITH

**Q. Please state your name, business address, by whom you are employed, and in what capacity.**

A. My name is Carl Smith and my business address is 955 East 25th Street, Hialeah, Florida 33013-3498. I am employed by NUI Corporation as Director of Marketing for its regulated businesses, comprising the Florida, North Carolina, Maryland, Pennsylvania, New York and New Jersey utility operations of NUI Corporation.

**Q. Are you familiar with the energy conservation programs of City Gas Company of Florida ("City Gas")?**

A. Yes, I am. City Gas is NUI Corporation's Florida utility operation.

**Q. Are you familiar with the costs that have been incurred and that are projected to be incurred by City Gas in implementing its energy conservation programs?**

DOCUMENT NUMBER-DATE

07144 JUN 11 2008

FPSC-RECORDS/REPORTING

1 A. Yes, I am.

2

3 **Q. What is the purpose of your testimony in this docket?**

4

5 A. To submit the recoverable costs incurred during the period ending March  
6 31, 1999, and to identify the final true-up amount related to that period.

7

8 **Q. Has City Gas prepared schedules which show the expenditures**  
9 **associated with its energy conservation programs for the period you**  
10 **have mentioned?**

11

12 A. Yes. I have prepared and filed together with this testimony Schedules CT-  
13 1, CT-2 and CT-3.

14

15 **Q. What amount did City Gas spend on conservation programs during**  
16 **this period?**

17

18 A. \$2,116,908.00.

19

20

21 **Q. What is the final true-up amount associated with the period**  
22 **ending March 31, 1999?**

23

24 A. An over-recovery of \$116,427.00.

25

26 **Q. Does this conclude your testimony?**

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26

A. Yes, it does.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION  
DIRECT TESTIMONY  
OF  
CARL SMITH

1           **Q.    Please state your name, business address, by whom you are**  
2           **employed, and in what capacity.**

3

4           A.    My name is Carl Smith and my business address is 955 East 25th Street,  
5           Hialeah, Florida 33013-3498. I am employed by NUI Corporation as  
6           Director of Marketing for its regulated Florida and North Carolina utility  
7           operations.

8

9           **Q.    Are you familiar with the energy conservation programs of City Gas**  
10          **Company of Florida (“City Gas”)?**

11

12          A.    Yes, I am.

13

14          **Q.    Are you familiar with the costs that have been projected to be**  
15          **incurred by City Gas in implementing its energy conservation**  
16          **programs?**

17

18          A.    Yes, I am.

19

20          **Q.    What is the purpose of your testimony in this docket?**

1           A.     To submit the conservation cost recovery true-up for the final true-up  
 2                     period April 1,1998 through December 31, 1998, and for the actual and  
 3                     estimated period of January 1, 1999, through December 31, 1999. I will  
 4                     also present the total level of costs City Gas seeks to recover through its  
 5                     Conservation Factors during the period January 1, 2000 and December 31,  
 6                     2000, as well as the Conservation factors which, when applied to our  
 7                     customer's bills during the period January 1, 2000 and December 31, 2000,  
 8                     will permit recovery of total ECCR costs.

9

10           **Q.     What is the Company's true-up for the period January 1, 1999 through**  
 11                     **December 31, 1999?**

12

13           A.     An overrecovery of \$101,154.

14

15           **Q.     What is the total cost City Gas seeks to recover during the period**  
 16                     **January 1, 2000 through December 31, 2000?**

17

18           A.     \$2,172,909.

19

20           **Q.     What conservation factors does City Gas need to permit recovery of**  
 21                     **these costs?**

22

23           A.     Residential (RS, ED & GL)                 \$00.06739

24                     Commercial (CS, ED, CTS & SCTS) \$00.01681

25                     Commercial Large Volume (LCS)         \$00.01270

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

**Q. Has City Gas prepared summaries of its conservation programs and the costs associated with these programs?**

A. Yes. Summaries of the Company's programs are contained in Schedule C-5 of my Exhibit (CS-1).

**Q. Has City Gas prepared schedules to support its requested Conservation Cost Recovery Factor?**

A. Yes. I have prepared and filed together with this testimony Schedules C-1 through C-3 as prescribed by Commission Staff. These schedules are included in my Exhibit (CS-1).

**Q. Does this conclude your testimony?**

A. Yes, it does.



## BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

## AMENDED DIRECT TESTIMONY

OF

CARL SMITH

1           **Q.    Please state your name, business address, by whom you are**  
2           **employed, and in what capacity.**

3

4           A.    My name is Carl Smith and my business address is 955 East 25th Street,  
5           Hialeah, Florida 33013-3498. I am employed by NUI Corporation as  
6           Director of Marketing for its regulated Florida and North Carolina utility  
7           operations.

8

9           **Q.    Are you familiar with the energy conservation programs of City Gas**  
10          **Company of Florida (“City Gas”)?**

11

12          A.    Yes, I am.

13

14          **Q.    Are you familiar with the costs that have been projected to be**  
15          **incurred by City Gas in implementing its energy conservation**  
16          **programs?**

17

18          A.    Yes, I am.

19

20          **Q.    What is the purpose of your testimony in this docket?**

1 A. To submit the conservation cost recovery true-up for the final true-up  
 2 period April 1, 1998 through December 31, 1998, and for the actual and  
 3 estimated period of April 1, 1999, through December 31, 1999. I will also  
 4 present the total level of costs City Gas seeks to recover through its  
 5 Conservation Factors during the period January 1, 2000 and December 31,  
 6 2000, as well as the Conservation factors which, when applied to our  
 7 customer's bills during the period January 1, 2000 and December 31, 2000,  
 8 will permit recovery of total ECCR costs.

9

10 **Q. What is the Company's true-up for the period April 1, 1999 through**  
 11 **December 31, 1999?**

12

13 A. An underrecovery of \$76,851.

14

15 **Q. What is the total cost City Gas seeks to recover during the period**  
 16 **January 1, 2000 through December 31, 2000?**

17

18 A. \$2,350,914.

19

20 **Q. What conservation factors does City Gas need to permit recovery of**  
 21 **these costs?**

22

23 A. Residential (RS, ED & GL) \$00.07292

24 Commercial (CS, ED, CTS & SCTS) \$00.01819

25 Commercial Large Volume (LCS) \$00.01374

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

**Q. Has City Gas prepared summaries of its conservation programs and the costs associated with these programs?**

A. Yes. Summaries of the Company's programs are contained in Schedule C-5 of my Exhibit (CS-1).

**Q. Has City Gas prepared schedules to support its requested Conservation Cost Recovery Factor?**

A. Yes. I have prepared and filed together with this testimony Schedules C-1 through C-3 as prescribed by Commission Staff. These schedules are included in my Exhibit (CS-1).

**Q. Does this conclude your testimony?**

A. Yes, it does.

SECOND AMENDED DIRECT TESTIMONY

OF

CARL SMITH

1           **Q.    Please state your name, business address, by whom you are**  
2           **employed, and in what capacity.**

3  
4           **A.    My name is Carl Smith and my business address is 955 East 25th Street,**  
5           **Hialeah, Florida 33013-3498. I am employed by NUI Corporation as**  
6           **Director of Marketing for its regulated Florida and North Carolina utility**  
7           **operations.**

8  
9           **Q.    Are you familiar with the energy conservation programs of City Gas**  
10          **Company of Florida (“City Gas”)?**

11  
12          **A.    Yes, I am.**

13  
14          **Q.    Are you familiar with the costs that have been projected to be**  
15          **incurred by City Gas in implementing its energy conservation**  
16          **programs?**

17  
18          **A.    Yes, I am.**

19  
20          **Q.    What is the purpose of your testimony in this docket?**

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

**Q. Has City Gas prepared summaries of its conservation programs and the costs associated with these programs?**

A. Yes. Summaries of the Company's programs are contained in Schedule C-5 of my Exhibit (CS-1).

**Q. Has City Gas prepared schedules to support its requested Conservation Cost Recovery Factor?**

A. Yes. I have prepared and filed together with this testimony Schedules C-1 through C-3 as prescribed by Commission Staff. These schedules are included in my Second Amended Exhibit (CS-1).

**Q. Does this conclude your testimony?**

A. Yes, it does.

1 Q. Please state your name, business address, by whom you are  
2 employed, and in what capacity?

3  
4 A. My name is Bruce Narzissenfeld. My business address is  
5 Peoples Gas System, 702 North Franklin Street, P.O. Box  
6 2562, Tampa, Florida 33601-2562. I am employed by Peoples  
7 Gas System ("Peoples") as Assistant Controller.

8  
9 Q. Please describe your educational and employment background.

10  
11 A. I have a Bachelor of Science degree in Accounting from the  
12 University of Florida, a Masters of Business Administration  
13 from the University of Tampa, and am a Certified Public  
14 Accountant. Upon graduation, I joined Arthur Andersen as  
15 a staff auditor and examined and attested to the fair  
16 presentation of client's books and records. I then joined  
17 Florida Power & Light Company where my duties as a  
18 financial accountant included the review of regulatory  
19 filings. I joined Tampa Electric Company in 1985 as a  
20 Regulatory Accountant in the Regulatory Control and Budget  
21 Department. As a regulatory accountant I was responsible  
22 for participating in the review of all filings required by  
23 both the Florida Public Service Commission and the Federal  
24 Energy Regulatory Commission. I moved to TECO Transport in

1 1986 as assistant controller. My duties included primary  
2 responsibility for the general accounting functions and the  
3 review of all regulatory filings, including reports filed  
4 with the Securities and Exchange Commission, and the  
5 Federal Maritime Administration. I also served as liaison  
6 to Tampa Electric's regulatory department, assisting with  
7 responses to interrogatories and support of witness  
8 testimony related to transportation agreements with Tampa  
9 Electric. I then joined Peoples Gas in 1998 as assistant  
10 controller and am responsible for all accounting activity,  
11 including that associated with the Energy Conservation Cost  
12 Recovery ("ECCR") Clause.

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

15  
16 **A.** My testimony addresses the costs that Peoples has incurred  
17 and the revenues recovered by Peoples through the ECCR  
18 clause. My testimony supports the revenues and expenses  
19 incurred in connection with the ECCR programs of both the  
20 former Peoples Gas System, Inc. (the costs of which are  
21 recovered under Peoples' Volume 1 Tariff) and the former  
22 West Florida Natural Gas Company (the costs of which are  
23 recovered under Peoples' Volume 2 Tariff). I will

1 hereinafter refer to the territory within which the Volume  
2 2 Tariff applies as Peoples' "West Florida Region."

3

4 Finally, my testimony addresses the adjusted net  
5 true-up amounts associated with those programs for the  
6 period April 1998 through March 1999.

7

8 Q. Are you sponsoring any exhibits with your testimony?

9

10 A. Yes. I am sponsoring two exhibits produced under my  
11 direction and supervision. Exhibit 12 (BNN-1), contains  
12 the conservation cost recovery true-up data for the period  
13 April 1998 through March 1999 for Peoples' divisions other  
14 than the West Florida Region, and Exhibit 13 (BNN-2),  
15 contains similar information for the same period for the  
16 West Florida Region.

17

18 Q. Have you prepared schedules showing the expenditures  
19 associated with Peoples' energy conservation programs for  
20 the period April 1998 through March 1999?

21

22 A. Yes. Actual expenses for the period April 1998 through  
23 March 1999 for Peoples' divisions other than the West



1 Florida Region are shown on Schedule CT-2, page 2, of  
2 Exhibit 12 (BNN-1). Actual expenses for that period for  
3 the West Florida Region are shown on Schedule CT-2, page 2,  
4 of Exhibit 13 (BNN-2). In each of these exhibits,  
5 Schedule CT-2, page 1 presents a comparison of the actual  
6 program costs and true-up amount to the projected costs and  
7 true-up amount for the same period.  
8

9 **Q.** What are the Company's true-up amounts for the period April  
10 1998 through March 1999?  
11

12 **A.** With respect to Peoples' divisions other than the West  
13 Florida Region, as shown on Schedule CT-1 of Exhibit 12  
14 (BNN-1), the end-of-period net true-up for the period is an  
15 overrecovery of \$405,192 including both principal and  
16 interest. The projected true-up for the period, as approved  
17 by Commission Order No. PSC-99-0421-FOF-EG, was an  
18 overrecovery of \$1,431,005 (including interest).  
19 Subtracting the projected true-up overrecovery from the  
20 actual overrecovery yields the adjusted net true-up of  
21 \$1,025,813 underrecovery (including interest).  
22

23 With respect to Peoples' West Florida Region, as shown on

1 Schedule CT-1 of Exhibit 13 (BNN-2), the end-of-period  
2 net true-up for the period is an overrecovery of \$62,169,  
3 including both principal and interest. The projected  
4 true-up for the period, as approved by Commission Order No.  
5 PSC-99-0421-FOF-EG, was an overrecovery of \$506,992  
6 (including interest). Subtracting the projected true-up  
7 overrecovery from the actual overrecovery yields the  
8 adjusted net true-up of \$444,823 underecovery (including  
9 interest).

10  
11 Q. What do the rest of the schedules in Exhibits 12 (BNN-1)  
12 and 13 (BNN-2) show?

13  
14 A. Schedule CT-2, in each of the exhibits, presents an  
15 analysis of the variance between actual and estimated  
16 energy conservation program costs for the period April 1998  
17 through March 1999. Each exhibit's Schedule CT-3 presents  
18 an analysis of program costs, by month and by program, and  
19 calculation of the true-up and interest amounts. Schedule  
20 CT-4 is not applicable to Peoples. Schedule CT-5 provides  
21 for a reconciliation and explanation of differences between  
22 the Company's filing and the Commission's audit for the  
23 relevant period, and there are no such differences to

1 report as of the date of the filing of the schedules. Each  
2 exhibit's Schedule CT-6 contains Program Progress Reports  
3 for each of Peoples' approved energy conservation programs.  
4

5 **Q.** Does this conclude your prefiled direct testimony?  
6

7 **A.** Yes, it does.  
8  
9  
10  
11  
12  
13  
14

1 Q. Please state your name, business address, by whom you are  
2 employed, and in what capacity?

3

4 A. My name is Bruce Narzissenfeld. My business address is  
5 Peoples Gas System, 702 North Franklin Street, P.O. Box  
6 2562, Tampa, Florida 33601-2562. I am employed by Peoples  
7 Gas System ("Peoples") as Assistant Controller.

8

9 Q. Please describe your educational and employment background.

10

11 A. I have a Bachelor of Science degree in Accounting from the  
12 University of Florida, a Masters of Business Administration  
13 from the University of Tampa, and am a Certified Public  
14 Accountant. Upon graduation, I joined Arthur Andersen as  
15 a staff auditor and examined and attested to the fair  
16 presentation of client's books and records. I then joined  
17 Florida Power & Light Company where my duties as a  
18 financial accountant included the review of regulatory  
19 filings. I joined Tampa Electric Company in 1985 as a  
20 Regulatory Accountant in the Regulatory Control and Budget  
21 Department. As a regulatory accountant I was responsible  
22 for participating in the review of all filings required by  
23 both the Florida Public Service Commission and the Federal  
24 Energy Regulatory Commission. I moved to TECO Transport in

1 1986 as assistant controller. My duties included primary  
2 responsibility for the general accounting functions and the  
3 review of all regulatory filings, including reports filed  
4 with the Securities and Exchange Commission, and the  
5 Federal Maritime Administration. I also served as liaison  
6 to Tampa Electric's regulatory department, assisting with  
7 responses to interrogatories and support of witness  
8 testimony related to transportation agreements with Tampa  
9 Electric. I then joined Peoples Gas in 1998 as assistant  
10 controller and am responsible for all accounting activity,  
11 including that associated with the Energy Conservation Cost  
12 Recovery ("ECCR") Clause.

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

15  
16 **A.** My testimony addresses the costs that Peoples has incurred  
17 and the revenues recovered by Peoples through the ECCR  
18 clause. My testimony supports the revenues and expenses  
19 incurred in connection with the ECCR programs of both the  
20 former Peoples Gas System, Inc. (the costs of which are  
21 recovered under Peoples' Volume 1 Tariff) and the former  
22 West Florida Natural Gas Company (the costs of which are  
23 recovered under Peoples' Volume 2 Tariff). I will

1 hereinafter refer to the territory within which the Volume  
2 2 Tariff applies as Peoples' "West Florida Region."

3

4 Finally, my testimony addresses the adjusted net  
5 true-up amounts associated with those programs for the  
6 period April 1998 through March 1999.

7

8 Q. Are you sponsoring any exhibits with your testimony?

9

10 A. Yes. I am sponsoring two exhibits produced under my  
11 direction and supervision. Exhibit 12 (BNN-1R),  
12 contains the conservation cost recovery true-up data for  
13 the period April 1998 through March 1999 for Peoples'  
14 divisions other than the West Florida Region, and Exhibit  
15 13 (BNN-2R), contains similar information for the same  
16 period for the West Florida Region.

17

18 Q. Have you prepared schedules showing the expenditures  
19 associated with Peoples' energy conservation programs for  
20 the period April 1998 through March 1999?

21

22 A. Yes. Actual expenses for the period April 1998 through  
23 March 1999 for Peoples' divisions other than the West

1 Florida Region are shown on Schedule CT-2, page 2, of  
2 Exhibit 12 (BNN-1R). Actual expenses for that period for  
3 the West Florida Region are shown on Schedule CT-2, page 2,  
4 of Exhibit 13 (BNN-2R). In each of these exhibits,  
5 Schedule CT-2, page 1 presents a comparison of the actual  
6 program costs and true-up amount to the projected costs and  
7 true-up amount for the same period.

8  
9 **Q.** What are the Company's true-up amounts for the period April  
10 1998 through March 1999?

11  
12 **A.** With respect to Peoples' divisions other than the West  
13 Florida Region, as shown on Schedule CT-1 of Exhibit 12  
14 (BNN-1R), the end-of-period net true-up for the period is  
15 an overrecovery of \$446,455 including both principal and  
16 interest. The projected true-up for the period, as approved  
17 by Commission Order No. PSC-99-0421-FOF-EG, was an  
18 overrecovery of \$1,431,005 (including interest).  
19 Subtracting the projected true-up overrecovery from the  
20 actual overrecovery yields the adjusted net true-up of  
21 \$984,550 underrecovery (including interest).

22  
23 With respect to Peoples' West Florida Region, as shown on

1 Schedule CT-1 of Exhibit 13 (BNN-2R), the end-of-period  
2 net true-up for the period is an overrecovery of \$204,737,  
3 including both principal and interest. The projected  
4 true-up for the period, as approved by Commission Order No.  
5 PSC-99-0421-FOF-EG, was an overrecovery of \$506,992  
6 (including interest). Subtracting the projected true-up  
7 overrecovery from the actual overrecovery yields the  
8 adjusted net true-up of \$302,255 underrecovery (including  
9 interest).

10  
11 Q. What do the rest of the schedules in Exhibits 12 (BNN-  
12 1R) and 13 (BNN-2R) show?

13  
14 A. Schedule CT-2, in each of the exhibits, presents an  
15 analysis of the variance between actual and estimated  
16 energy conservation program costs for the period April 1998  
17 through March 1999. Each exhibit's Schedule CT-3 presents  
18 an analysis of program costs, by month and by program, and  
19 calculation of the true-up and interest amounts. Schedule  
20 CT-4 is not applicable to Peoples. Schedule CT-5 provides  
21 for a reconciliation and explanation of differences between  
22 the Company's filing and the Commission's audit for the  
23 relevant period, and there are no such differences to



1 report as of the date of the filing of the schedules. Each  
2 exhibit's Schedule CT-6 contains Program Progress Reports  
3 for each of Peoples' approved energy conservation programs.  
4

5 **Q.** Does this conclude your prefiled direct testimony?  
6

7 **A.** Yes, it does.  
8  
9  
10  
11  
12  
13  
14

1 Q. Please state your name, business address, by whom you are  
2 employed, and in what capacity?

3  
4 A. My name is J. Brent Caldwell. My business address is  
5 Peoples Gas System, 702 North Franklin Street, P.O. Box  
6 2562, Tampa, Florida 33601-2562. I am employed by Peoples  
7 Gas System ("Peoples") as Manager of Regulatory and Gas  
8 Supply.

9  
10 Q. Please describe your educational and employment background?

11  
12 A. I have a Bachelor of Electrical Engineering degree from the  
13 Georgia Institute of Technology and a Masters of Science in  
14 Electrical Engineering from the University of South  
15 Florida. From 1985 to 1994, I was employed in a series of  
16 progressively more responsible positions in the electrical  
17 engineering and systems analysis fields. In 1994, I joined  
18 Tampa Electric Company as a Rate Analyst in the Regulatory  
19 Affairs Department. As a Rate Analyst, I performed  
20 analyses associated with the Fuel Adjustment Clause, the  
21 Environmental Cost Recovery Clause and other rate design  
22 issues. I joined Peoples in 1997 as a member of the Gas  
23 Supply and Regulatory Planning Department. As Manager of  
24 Regulatory and Gas Supply, I am primarily responsible for

1 coordinating and overseeing all regulatory activity for  
2 Peoples, including the Energy Conservation Cost Recovery  
3 ("ECCR") Clause.  
4

5 **Q.** What is the purpose of your testimony in this docket?  
6

7 **A.** My testimony addresses Peoples' energy conservation  
8 programs and the costs that Peoples seeks to recover  
9 through the ECCR clause. My testimony supports the  
10 revenues and expenses that are expected to be incurred in  
11 connection with the conservation programs of both the  
12 former Peoples Gas System, Inc. (the costs of which are  
13 recovered under Peoples' Volume 1 Tariff) and the former  
14 West Florida Natural Gas Company (the costs of which are  
15 recovered under Peoples' Volume 2 Tariff). I will  
16 hereinafter refer to the territory within which the Volume  
17 2 Tariff applies as Peoples' "West Florida Region."  
18

19 My testimony describes generally the expenditures made and  
20 projected to be made in implementing, promoting and  
21 operating Peoples' energy conservation programs for the  
22 current period. This information includes actual costs  
23 incurred in January through August 1999, and revised

1 projections of program costs that Peoples expects to incur  
2 from September through December 1999. Next, my testimony  
3 presents projected conservation program costs for the  
4 period January 1, 2000 through December 31, 2000.

5  
6 Finally, my testimony presents the calculation of the  
7 conservation cost recovery adjustment factors to be applied  
8 to customers' bills during the period beginning January 1,  
9 2000 and continuing through December 31, 2000.

10

11 **Q.** Are you sponsoring any exhibits with your testimony?

12

13 **A.** Yes. I am sponsoring two exhibits produced under my  
14 direction and supervision. Exhibit \_\_\_\_ (JBC-1), consists  
15 of Schedules C-1 through C-5, which contain information  
16 related to the calculation of the ECCR factors to be  
17 applied to customers' bills during the period January  
18 through December 2000 in Peoples' divisions other than the  
19 West Florida Region. Exhibit \_\_\_\_ (JBC-2), contains the  
20 same schedules and similar information for Peoples' West  
21 Florida Region.

22

23 **Q.** Have you prepared summaries of the Company's conservation

1 programs and the costs associated with these programs?

2

3 A. Yes. Summaries of the Company's programs in divisions  
4 other than the West Florida Region are presented in Exhibit  
5 \_\_\_\_ (JBC-1), Schedule C-5. Summaries of the programs in  
6 the West Florida Region are presented in Exhibit \_\_\_\_ (JBC-  
7 2), Schedule C-5.

8

9 Q. Have you prepared schedules required for the calculation of  
10 Peoples' proposed conservation adjustment factors to be  
11 applied during the period from January 1, 2000 through and  
12 including December 31, 2000?

13

14 A. Yes. Schedule C-3 of Exhibit \_\_\_\_ (JBC-1) (for divisions  
15 other than the West Florida Region) and Exhibit \_\_\_\_ (JBC-  
16 2) (for the West Florida Region) show actual expenses for  
17 the period January through August 1999 and projected  
18 expenses for the period September 1999 through December  
19 1999.

20

21 Projected expenses for the January through December 2000  
22 period are shown on Schedule C-2 of Exhibits \_\_\_\_ (JBC-1)  
23 and \_\_\_\_ (JBC-2). The total annual cost projected

1 represents an increase over recent levels as a result of  
2 Peoples' active expansion of the availability of natural  
3 gas throughout the state of Florida. The levels of Home  
4 Builder Incentives and program promotional expenses have  
5 increased as a result of increased numbers of new  
6 customers. Additionally, the previously approved ECCR  
7 factors were reduced as a result of significant levels of  
8 prior period overrecovery true-up which no longer exist in  
9 the factors for which Peoples now seeks approval. Schedule  
10 C-1 of both exhibits shows the calculation of the  
11 conservation adjustment factors. The estimated true-up  
12 amount from Schedule C-3 (Page 4, line 11) of Exhibit \_\_\_\_  
13 (JBC-1) being an overrecovery, and Exhibit \_\_\_\_ (JBC-2)  
14 being an underrecovery, were subtracted from the total of  
15 the projected costs for the January through December 2000  
16 period. The resulting totals of \$10,167,976 (for divisions  
17 other than the West Florida Region) and \$1,842,017 (for the  
18 West Florida Region) were then allocated to the Company's  
19 affected rate classes pursuant to the methodology approved  
20 by the Commission.

21  
22 Schedule C-1 of Exhibit \_\_\_\_ (JBC-1) shows the estimated  
23 ECCR revenues and adjustment factors by rate class for

1 Peoples' divisions other than the West Florida Region for  
2 the period January 1 through December 31, 2000. Schedule  
3 C-1 of Exhibit \_\_\_\_ (JBC-2) shows the estimated ECCR  
4 revenues and adjustment factors by rate class for Peoples'  
5 West Florida Region for the same period.

6  
7 **Q.** Does this conclude your prefiled direct testimony?

8  
9 **A.** Yes, it does.

10

11

12

13

14

15

16

1 Q. Please state your name, business address, by whom you are  
2 employed, and in what capacity?

3

4 A. My name is J. Brent Caldwell. My business address is  
5 Peoples Gas System, 702 North Franklin Street, P.O. Box  
6 2562, Tampa, Florida 33601-2562. I am employed by Peoples  
7 Gas System ("Peoples") as Manager of Regulatory and Gas  
8 Supply.

9

10 Q. Please describe your educational and employment background?

11

12 A. I have a Bachelor of Electrical Engineering degree from the  
13 Georgia Institute of Technology and a Masters of Science in  
14 Electrical Engineering from the University of South  
15 Florida. From 1985 to 1994, I was employed in a series of  
16 progressively more responsible positions in the electrical  
17 engineering and systems analysis fields. In 1994, I joined  
18 Tampa Electric Company as a Rate Analyst in the Regulatory  
19 Affairs Department. As a Rate Analyst, I performed  
20 analyses associated with the Fuel Adjustment Clause, the  
21 Environmental Cost Recovery Clause and other rate design  
22 issues. I joined Peoples in 1997 as a member of the Gas  
23 Supply and Regulatory Planning Department. As Manager of  
24 Regulatory and Gas Supply, I am primarily responsible for



1 coordinating and overseeing all regulatory activity for  
2 Peoples, including the Energy Conservation Cost Recovery  
3 ("ECCR") Clause.  
4

5 **Q.** What is the purpose of your testimony in this docket?  
6

7 **A.** My testimony addresses Peoples' energy conservation  
8 programs and the costs that Peoples seeks to recover  
9 through the ECCR clause. My testimony supports the  
10 revenues and expenses that are expected to be incurred in  
11 connection with the conservation programs of both the  
12 former Peoples Gas System, Inc. (the costs of which are  
13 recovered under Peoples' Volume 1 Tariff) and the former  
14 West Florida Natural Gas Company (the costs of which are  
15 recovered under Peoples' Volume 2 Tariff). I will  
16 hereinafter refer to the territory within which the Volume  
17 2 Tariff applies as Peoples' "West Florida Region."  
18

19 My testimony describes generally the expenditures made and  
20 projected to be made in implementing, promoting and  
21 operating Peoples' energy conservation programs for the  
22 current period. This information includes actual costs  
23 incurred in January through August 1999, and revised

1 projections of program costs that Peoples expects to incur  
2 from September through December 1999. Next, my testimony  
3 presents projected conservation program costs for the  
4 period January 1, 2000 through December 31, 2000.

5

6 Finally, my testimony presents the calculation of the  
7 conservation cost recovery adjustment factors to be applied  
8 to customers' bills during the period beginning January 1,  
9 2000 and continuing through December 31, 2000.

10

11 **Q.** Are you sponsoring any exhibits with your testimony?

12

13 **A.** Yes. I am sponsoring two exhibits produced under my  
14 direction and supervision. Exhibit 14 (JBC-1R), consists  
15 of Schedules C-1 through C-5, which contain information  
16 related to the calculation of the ECCR factors to be  
17 applied to customers' bills during the period January  
18 through December 2000 in Peoples' divisions other than the  
19 West Florida Region. Exhibit 15 (JBC-2R), contains the  
20 same schedules and similar information for Peoples' West  
21 Florida Region.

22

23 **Q.** Have you prepared summaries of the Company's conservation

1 programs and the costs associated with these programs?

2

3 **A.** Yes. Summaries of the Company's programs in divisions  
4 other than the West Florida Region are presented in Exhibit  
5 14 (JBC-1R), Schedule C-5. Summaries of the programs in  
6 the West Florida Region are presented in Exhibit 15 (JBC-  
7 2R), Schedule C-5.

8

9 **Q.** Have you prepared schedules required for the calculation of  
10 Peoples' proposed conservation adjustment factors to be  
11 applied during the period from January 1, 2000 through and  
12 including December 31, 2000?

13

14 **A.** Yes. Schedule C-3 of Exhibit 14 (JBC-1R) (for divisions  
15 other than the West Florida Region) and Exhibit 15 (JBC-  
16 2R) (for the West Florida Region) show actual expenses for  
17 the period January through August 1999 and projected  
18 expenses for the period September 1999 through December  
19 1999.

20

21 Projected expenses for the January through December 2000  
22 period are shown on Schedule C-2 of Exhibits 14 (JBC-1R)  
23 and 15 (JBC-2R). The total annual cost projected

1 represents an increase over recent levels as a result of  
2 Peoples' active expansion of the availability of natural  
3 gas throughout the state of Florida. The levels of Home  
4 Builder Incentives and program promotional expenses have  
5 increased as a result of increased numbers of new  
6 customers. Additionally, the previously approved ECCR  
7 factors were reduced as a result of significant levels of  
8 prior period overrecovery true-up which no longer exist in  
9 the factors for which Peoples now seeks approval. Schedule  
10 C-1 of both exhibits shows the calculation of the  
11 conservation adjustment factors. The estimated true-up  
12 amount from Schedule C-3 (Page 4, line 11) of Exhibit 14  
13 (JBC-1R) being an overrecovery, and Exhibit 15 (JBC-2R)  
14 being an underrecovery, were subtracted from the total of  
15 the projected costs for the January through December 2000  
16 period. The resulting totals of \$10,125,140 (for divisions  
17 other than the West Florida Region) and \$1,756,784 (for the  
18 West Florida Region) were then allocated to the Company's  
19 affected rate classes pursuant to the methodology approved  
20 by the Commission.

21  
22 Schedule C-1 of Exhibit 14 (JBC-1R) shows the estimated  
23 ECCR revenues and adjustment factors by rate class for

1 Peoples' divisions other than the West Florida Region for  
2 the period January 1 through December 31, 2000. Schedule  
3 C-1 of Exhibit 15 (JBC-2R) shows the estimated ECCR  
4 revenues and adjustment factors by rate class for Peoples'  
5 West Florida Region for the same period.

6

7 **Q.** Does this conclude your prefiled direct testimony?

8

9 **A.** Yes, it does.

10

11

12

13

14

15

16

BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 990002-EG  
DETERMINATION OF CONSERVATION COSTS RECOVERY FACTOR

Direct Testimony of  
MICHAEL A. PEACOCK

On Behalf of  
FLORIDA PUBLIC UTILITIES COMPANY

1 Q. Please state your name and business address.

2 A. Michael A. Peacock: my business address is P.O. Box 610  
3 Marianna, Florida 32446.

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

5 A. I am employed by Florida Public Utilities Company as  
6 Manager of Customer Relations.

7 Q. What is the purpose of your testimony at this time?

8 A. To Advise the Commission of the actual over/under  
9 recovery of the Conservation Program costs for the period  
10 April 1, 1998 through December 31, 1998 as compared to  
11 the true-up amounts previously reported for that period  
12 which were based on seven months actual and two months  
13 estimated data.

14 Q. Please state the actual amounts of over/under recovery of  
15 Conservation Program costs for both divisions of Florida  
16 Public Utilities Company for April 1, 1998 through  
17 December 31, 1998

18 A. The Company over-recovered \$88,996 in the Marianna

1 Division during that period. In the Fernandina Beach  
2 Division we over-recovered \$122,660. These amounts are  
3 substantiated on Schedule CT-3, page 2 of 3, Energy  
4 Conservation Adjustment.

5 Q. How do these amounts compare with the estimated true-up  
6 amounts which were allowed by the Commission during the  
7 February 1999 hearing?

8 A. We had estimated that we would over-recover \$78,282 in  
9 Marianna. In Fernandina Beach we had estimated an over-  
10 recovery of \$106,572 as of December 31, 1998.

11 Q. Have you prepared any exhibits at this time?

12 A. We have prepared and pre-filed Schedules CT-1, CT-2,  
13 CT-3, CT-4, CT-5 and CT-6 (Composite Exhibit MAP-2).

14 Q. Does this conclude your testimony?

15 A. Yes.

16

17 Disk Conservation 11-97

18 Peacocktest.499

19

20

BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 990002-EG  
DETERMINATION OF CONSERVATION COSTS RECOVERY FACTOR

Direct Testimony of  
MICHAEL A. PEACOCK  
On Behalf of  
FLORIDA PUBLIC UTILITIES COMPANY

- 1 Q. Please state your name and business address.
- 2 A. Michael A. Peacock: my business address is P.O.  
3 Box 610 Marianna, Florida 32446.
- 4 Q. By whom are you employed and in what capacity?
- 5 A. I am employed by Florida Public Utilities  
6 Company as Manager of Customer Relations.
- 7 Q. What is the purpose of your testimony at this  
8 time?
- 9 A. To Advise the Commission as to the Conservation  
10 Cost Recover Clause Calculation for the period  
11 January, 2000 through December, 2000.
- 12 Q. What respectively are the total projected costs  
13 for the period January 2000 through December,  
14 2000 in the Marianna Division and the Fernandina  
15 Beach Division?
- 16 A. For the Marianna Division, the total projected  
17 Conservation Program Costs are \$145,900. For  
18 the Fernandina Beach Division, the total  
19 projected Conservation Program Costs are



1           \$149,400. For each Division, please see its  
2           respective Schedule C-2, page 2, for the  
3           programmatic and functional breakdown of these  
4           total costs.

5           Q. For each division, what is the true-up amount to  
6           be applied to determine the projected net total  
7           costs for the period January, 1999 through  
8           December, 1999.

9           A. As reflected in the respective "C" Schedules,  
10          the true-up amount for the Marianna Division is  
11          (\$30,228). In the Fernandina Beach Division the  
12          true-up is (\$45,130). These amounts are based  
13          upon eight months actual and four months  
14          estimated data.

15          Q. For each division, what are the resulting net  
16          total projected conservation costs to be  
17          recovered during this period?

18          A. For the Marianna Division the net total costs  
19          to be recovered are \$115,672. For the  
20          Fernandina Beach Division the net total costs  
21          to be recovered are \$104,270.

22          Q. For each division, what is the Conservation  
23          Adjustment Factor necessary to recover these  
24          projected net total costs?

25          A. For the Marianna Division, the Conservation  
26          Adjustment Factor is \$.00043 per KWH. For the

1           Fernandina Beach Division, the factor is  
2           \$.00027 per KWH.

3           Q.   Are there any exhibits that you wish to sponsor  
4           in this proceeding?

5           A.   Yes.  I wish to sponsor as exhibits for each  
6           division Schedules C-1, C-2, C-3, C-4, and C-5  
7           (Composite Prehearing Identification Number  
8           MAP-3), which have been filed with this  
9           testimony.

10          Q.   Does this conclude your testimony?

11          A.   Yes

12

13          conservation disk/peactest.99)

14

15

16

17

18

19

20

21

22

23

24

## 1. BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

2. In Re: Conservation Cost  
Recovery ClauseDocket No. 990002-EG  
Filing Date: May 11, 1999

3. \_\_\_\_\_/

4.

5. DIRECT TESTIMONY OF DEBBIE STITT ON  
BEHALF OF ST. JOE NATURAL GAS COMPANY, INC.

6. \_\_\_\_\_

7. Q. Please state your name, business address, by whom you are  
8. employed and in what capacity.9. A. Debbie Stitt, 301 Long Avenue, Port St. Joe, Florida 32456  
10. St. Joe Natural Gas Company in the capacity of Energy  
11. Conservation Analyst.

12. Q. What is the purpose of your testimony?

13. A. My purpose is to submit the expenses and revenues  
14. associated with the Company's conservation programs  
15. during the twelve month period ending March 31, 1999  
16. and to identify the final true-up amount related to that  
17. period.18. Q. Have you prepared any exhibits in conjunction with your  
19. testimony?20. A. Yes, I have prepared and filed together with this testi-  
21. mony this 11th day of May, 1999 Schedules CT-1 through  
22. CT-5 prescribed by the Commission Staff which have  
23. collectively been entitled "Adjusted Net True-up for  
24. twelve months ending March 31, 1999" for identi-  
25. fication.

1. Q. What amount did St. Joe Natural Gas spend on conser-  
2. vation programs during the period?

3. A. \$23,575.00

4. Q. What is the final true-up amount associated with this  
5. twelve month period ending March 31, 1999?

6. A. An under-recovery of \$10,139.00?

7. Q. Does this conclude your testimony?

9. A. Yes

10.

11.

12.

13.

14.

15.

16.

17.

18.

19.

20.

21.

22.

23.

24.

25.

## 1                   BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

2   In Re:  Conservation Cost        )        Docket No.  990002-EG  
3            Recovery Clause         )        Submitted for Filing  
  )        October 11, 1999

---

4

5

DIRECT TESTIMONY OF DEBBIE STITT ON  
BEHALF OF ST. JOE NATURAL GAS COMPANY, INC.

---

---

6

7   Q.  Please state your name, business address, by whom you  
8       are employed and in what capacity.

9   A.  Debbie Stitt, 301 Long Avenue, Port St. Joe, Florida  
10       32456, St Joe Natural Gas Company in the capacity of  
11       Energy Conservation Analyst.

12  Q.  What is the purpose of your testimony?

13  A.  My purpose is to submit the known and projected  
14       expenses and revenues associated with SJNG's  
15       conservation programs incurred in April thru August  
16       1999 and projection costs to be incurred from Sept.  
17       1999 through December 1999.  It will also include  
18       projected conservation costs for the period January  
19       1, 2000 through December 31, 2000 with a calculation  
20       of the conservation adjustment factors to be applied  
21       to the customers bills during the January 1, 2000  
22       through December 31, 2000 period.

23  Q.  Have you prepared any exhibits in conjunction with  
24       your testimony?

25  A.  Yes, I have prepared and filed to the Commission the

1           29th day of September 1999 Schedules C1 through C4  
2           prescribed by the Commission Staff which have  
3           collectively been entitled "Energy Conservation  
4           Adjustmnt Summary of Cost Recovery Clause Calculation  
5           for months January 1, 2000 through December 31, 2000"  
6           for identification.

7           Q.   What Conservation Adjustment Factor does St. Joe  
8           Natural Gas seek approval through its petition for  
9           the twelve month period ending December 31, 2000.

10          A.   \$0.02326 per therm for Residential, \$0.02883 per  
11          therm for Commercial, and \$0.00872 for Large  
12          Commercial.

13          Q.   Does this conclude your testimony?

14          A.   Yes.

15

16

17

18

19

20

21

22

23

24

25

1           **COMMISSIONER DEASON:** Would it be  
2 appropriate to address the stipulated issues as this  
3 time?

4           **MS. JAYE:** Yes, Commissioner, it would be.  
5 Staff recommends that the stipulations be accepted.

6           **COMMISSIONER DEASON:** Do we have a motion?

7           **COMMISSIONER CLARK:** I move we approve the  
8 stipulation.

9           **COMMISSIONER JACOBS:** Second.

10           **COMMISSIONER DEASON:** It's been moved and  
11 seconded. Show then that the Commission unanimously  
12 approves the stipulated issues in the 02 docket and  
13 that should conclude all matters within that docket.  
14 We will now -- yes, the 02 docket.

15                           \* \* \* \* \*

16

17

18

19

20

21

22

23

24

25

1 STATE OF FLORIDA)  
2 COUNTY OF LEON )

: CERTIFICATE OF REPORTER

3 I, KIMBERLY K. BERENS, CSR, RPR, Official  
4 Commission Reporter,

5 DO HEREBY CERTIFY that the Hearing in Docket  
6 No. 990002-EG was heard by the Hearing Officer at the  
7 time and place herein stated; it is further

8 CERTIFIED that I stenographically reported  
9 the said proceedings; that the same has been  
10 transcribed by me; and that this transcript,  
11 consisting of 104 pages, constitutes a true  
12 transcription of my notes of said proceedings and the  
13 insertion of the prescribed prefiled testimony of the  
14 witness.

15 DATED this 3rd day of December, 1999.

16

17

18

19

20

21

22

23

24

25


26

27

28

29

30

  
KIMBERLY K. BERENS, CSR, RPR  
Florida Public Service Commission  
Official Commission Reporter



---

SCHEDULE C - 1

JANUARY 2000 THROUGH DECEMBER 2000

---

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990002-EG EXHIBIT NO. 1  
COMPANY/  
WITNESS: Jacob  
DATE: 10-22-99

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  
PAGE 1 OF 4      9/29/99 14:49      **REVISED**

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	60.346%	3.557%	0.125%	30.561%	0.381%	4.862%	0.168%	100.000%
2 DEMAND RELATED INCREMENTAL COSTS	\$37,116,558	\$2,187,777	\$76,883	\$18,796,923	\$234,339	\$2,990,434	\$103,330	\$61,506,244
3 DEMAND PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$7,550,576)	(\$445,057)	(\$15,640)	(\$3,823,835)	(\$47,671)	(\$608,340)	(\$21,020)	(\$12,512,140)
4 TOTAL DEMAND RELATED INCREMENTAL COSTS	\$29,565,982	\$1,742,720	\$61,243	\$14,973,088	\$186,668	\$2,382,094	\$82,310	\$48,994,104
5 ENERGY ALLOCATION PERCENTAGE	49.514%	3.479%	0.188%	37.944%	0.555%	7.593%	0.727%	100.000%
6 ENERGY RELATED INCREMENTAL COSTS	\$5,578,840	\$391,986	\$21,182	\$4,275,225	\$62,533	\$855,518	\$81,913	\$11,267,197
7 ENERGY PORTION OF PERIOD END TRUE UP (O)/U RECOVERY	(\$1,085,572)	(\$76,276)	(\$4,122)	(\$831,905)	(\$12,168)	(\$166,473)	(\$15,939)	(\$2,192,455)
8 TOTAL ENERGY RELATED INCREMENTAL COSTS	\$4,493,268	\$315,710	\$17,060	\$3,443,320	\$50,365	\$689,045	\$65,974	\$9,074,742
9 TOTAL INCREMENTAL COSTS (LINE 2 + 6)	\$42,695,398	\$2,579,763	\$98,065	\$23,072,148	\$296,872	\$3,845,952	\$185,243	\$72,773,441
10 ECCR TRUE UP (O)/U RECOVERY (LINE 3+7)	(\$8,636,148)	(\$521,333)	(\$19,762)	(\$4,655,740)	(\$59,839)	(\$774,813)	(\$36,959)	(\$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)	\$40,758,304	\$2,058,430	\$78,303	\$18,416,408	\$237,033	\$3,071,139	\$148,284	\$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)	\$2.3913	\$1.7190	\$1.2099	\$1.4061	\$1.2224	\$1.1589	\$0.5924	
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	2.3918	1.7193	1.2101	1.4064	1.2226	1.1591	0.5925	
18 CONSERVATION ADJUSTMENT FACTOR \$/1,000 KWH								
19 @ SECONDARY VOLTAGE	\$2.39	\$1.72	\$1.21	\$1.41	\$1.22	\$1.16	\$0.59	
20 @ PRIMARY VOLTAGE (1% REDUCTION FACTOR)	N/A	\$1.70	N/A	\$1.40	\$1.21	\$1.15	N/A	
21 @ TRANSMISSION VOLTAGE (2% REDUCTION FACTOR)	N/A	\$1.69	N/A	\$1.38	\$1.20	\$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  
 PAGE 2 OF 4 9/29/99 14:49 **REVISED**

(1) MWH SALES @ METER LEVEL	(2) 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
<b>I. RESIDENTIAL SERVICE</b>								
17,044,580	0.515	3,778.11	0.9458216	3,994.53	17,044,580	0.9458216	18,020,925	2,057.18
<b>II. GENERAL SERVICE NON-DEMAND</b>								
TRANSMISSION	0	0.00	0.9790000	0.00	0	0.9790000	0	0.00
PRIMARY	7,604	1.40	0.9690000	1.44	7,604	0.9690000	7,847	0.90
SECONDARY	1,189,926	218.39	0.9458216	230.90	1,189,926	0.9458216	1,258,087	143.62
TOTAL	1,197,530	219.79		232.34	1,197,530		1,265,934	144.52
<b>III. GS - 100% L.F.</b>								
64,719	1.000	7.39	0.9458216	7.81	64,719	0.9458216	68,426	7.81
<b>IV. GENERAL SERVICE DEMAND</b>								
GSD - 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
TOTAL	13,124,057	1,856.04		1,953.00	13,124,057		13,809,608	1,576.44
<b>V. CURTAILABLE SERVICE</b>								
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	441	0.05
TOTAL	195,855	23.12		23.86	195,855		202,131	23.07
<b>VI. INTERRUPTIBLE SERVICE</b>								
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	90,423	10.32
TOTAL	2,681,535	293.22		302.20	2,681,535		2,763,612	315.48
<b>VII. LIGHTING SERVICE</b>								
250,330	3.779	7.56	0.9458216	7.99	250,330	0.9458216	264,669	30.21
<b>TOTAL RETAIL</b>								
34,558,606				6,521.73	34,558,606		36,395,305	4,154.71

CALCULATION OF DEMAND AND ENERGY ALLOCATORS  
 FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

(1) RATE CLASS	(2) AVERAGE 12 CP DEMAND MW	(3) ANNUAL AVERAGE DEMAND MW	(4) ANNUAL AVERAGE DEMAND %	(5) 12/13 OF 12 CP 12/13*(2)	(6) 1/13 OF AVG. DEMAND 1/13 * (4)	(7) DEMAND ALLOCATOR (5)+(6)
I. RESIDENTIAL SERVICE	3,994.53	2,057.18	49.514%	56.537%	3.809%	60.346%
II. GENERAL SERVICE NON-DEMAND						
TRANSMISSION	0.00	0.00	0.000%	0.000%	0.000%	0.000%
PRIMARY	1.44	0.90	0.022%	0.022%	0.002%	0.022%
SECONDARY	230.90	143.62	3.540%	3.457%	0.266%	3.534%
TOTAL	232.34	144.52	3.563%	3.479%	0.268%	3.557%
III. GS - 100% L.F.	7.81	7.81	0.120%	0.188%	0.111%	0.125%
IV. GENERAL SERVICE DEMAND						
TRANSMISSION	1.46	1.55	0.022%	0.037%	0.020%	0.023%
PRIMARY	379.49	306.25	5.819%	7.371%	0.567%	5.938%
SECONDARY	1,572.05	1,268.64	24.105%	30.535%	2.349%	24.600%
TOTAL	1,953.00	1,576.44	29.946%	37.944%	2.919%	30.561%
V. CURTAILABLE SERVICE						
PRIMARY	23.81	23.02	0.365%	0.554%	0.043%	0.380%
SECONDARY	0.05	0.05	0.001%	0.001%	0.000%	0.001%
TOTAL	23.86	23.07	0.366%	0.555%	0.043%	0.381%
VI. INTERRUPTIBLE SERVICE						
TRANSMISSION	62.24	64.97	0.954%	1.564%	0.120%	1.001%
PRIMARY	230.07	240.19	3.528%	5.781%	0.445%	3.702%
SECONDARY	9.89	10.32	0.152%	0.248%	0.019%	0.159%
TOTAL	302.20	315.48	4.634%	7.593%	0.584%	4.862%
VII. LIGHTING SERVICE	7.99	30.21	0.122%	0.727%	0.056%	0.168%
TOTAL RETAIL	6,521.73	4,154.71	100.000%	100.000%	7.693%	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 &amp; ENERGY</u>				
24		12 Months	Prior Period	1997 Revenue	Total Costs
25		Total	True - up	Decoupling	with True - up
26			Sch C-3 p 9	True-up	
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) or 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	\$ 23,876	\$ 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	244,576	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	15,031	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	2,686,451
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 (908.60) (E)	13,854	13,854	13,854	13,854	13,854	13,854	13,854	13,854	13,854	13,854	13,854	13,854	166,250
11	TECHNOLOGY DEVELOPMENT (908.65) (E)	17,685	18,685	18,777	21,613	20,363	27,113	19,863	18,863	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	3,138,013
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	875	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	SUMMARY OF DEMAND & ENERGY													
25														
26	ENERGY	\$ 817,307	\$ 926,416	\$ 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 CORPORATION  
 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	-	1,109,451
3	HOME ENERGY IMPROVEMENT (908.23) (E)	-	397,142	2,200	76,721	424,747	2,250,000	21,138	43,256	-	3,215,204
4	C/ 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	-	2,960,445
6	BUSINESS ENERGY CHECK (908.28) (E)	-	157,719	2,375	2,375	-	-	1,238	71,538	-	235,245
7	CONSERVATION PROGRAM ADMIN (908.35) (E)	21,687	764,211	25,813	614,280	-	41,901	12,746	1,185,813	-	2,666,451
8	CONSERVATION PROGRAM ADMIN (908.35) (D)	-	84,910	2,868	68,250	-	4,649	1,417	131,759	-	293,853
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	-	-	-	579,941
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	-	32,273,872
16	RES ENERGY MANGMNT-EQUIP SVC (908.76) (D)	324,605	902,157	7,125	2,003,401	-	-	66,001	159,329	-	3,462,618
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	\$ -	\$ 72,773,441
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	\$ -	\$ 11,267,197
27											
28	DEMAND	2,763,277	1,891,170	187,702	2,316,241	325,000	53,024,749	77,604	920,501	-	61,506,244
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	\$ -	\$ 72,773,441

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  
PAGE 4 OF 6  
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	\$ 0
3	RETIREMENTS		0	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	27,200	15,893	
5																	
6	DEPRECIATION EXPENSE		453	453	453	453	453	453	453	453	453	453	453	453	265	5,248	
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	19,476	19,929	20,382	20,835	21,288	21,741	22,194	22,647	23,100	23,553	24,006	24,006	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	631	
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	12,886	14,328	15,770	15,770	15,770	
27	NET INVESTMENT	42,359	53,345	52,415	55,948	63,621	62,471	61,321	68,848	67,552	66,256	73,637	72,195	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	691	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	\$ 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		
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	28	460	
49																	
50	PROGRAM TOTAL		\$ 261	\$ 258	\$ 257	\$ 254	\$ 252	\$ 250	\$ 247	\$ 247	\$ 244	\$ 243	\$ 240	\$ 239	\$ 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  
 PAGE 6 OF 6  
 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,														
3	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	\$1,054,000
4	RETIREMENTS		125,042	143,149	435,348	65,393	122,177	44,669	205,485	214,697	66,856	269,942	226,201	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	
6															
7	AMORTIZATION EXPENSE		173,635	173,116	169,254	166,798	166,951	166,519	166,151	164,367	162,979	161,889	159,471	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
10	LESS: ACC. AMORTIZATION	6,051,828	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
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
12	AVERAGE INVESTMENT		4,342,140	4,271,765	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	
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	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	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	\$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	\$ 30,558
23															
24	DEMAND		299,193	287,086	248,692	220,982	220,433	218,881	217,797	215,326	212,828	211,079	208,021	202,979	2,763,277
25															
26	TOTAL DEPRECIATION AND RETURN	Proof 0	\$ 301,510	\$ 289,310	\$ 250,960	\$ 223,407	\$ 222,956	\$ 221,366	\$ 220,399	\$ 218,027	\$ 215,507	\$ 213,856	\$ 210,892	\$ 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	-	62,228
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	211	
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	7,651	7,862	8,073	
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	5,006	4,795	4,584	
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	5,112	4,901	4,690	
12			54	52	51	49	47	46	44	43	41	41	39	37	35	33	31	
13																		
14			75	72	70	68	65	64	61	59	57	57	54	51	48	45	42	
15																		
16			286	283	281	279	276	275	272	270	268	268	265	262	259	256	253	
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			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	1,117,323	0	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	4,532,449	4,273,947	4,015,445	
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	75,420	70,971	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	4,477,020	4,267,793	4,058,566	
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	3,770,583	3,641,005	3,511,427	
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	706,227	626,378	546,529	
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	743,952	661,903	580,854	
46			9,666	10,658	11,574	10,933	10,261	9,586	8,912	8,238	7,574	6,938	6,333	5,761	5,189	4,617	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	7,220	6,506	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	82,621	77,419	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	DEC 99		
1															
2		0	0	0	0	0	4,585	0	0	0	0	0	0	0	4,585
3		0	0	0	0	0	0	0	0	0	0	0	0	0	0
4		22,615	22,615	22,615	22,615	22,615	24,908	27,200	27,200	27,200	27,200	27,200	27,200	27,200	0
5															
6		377	377	377	377	377	415	453	453	453	453	453	453	453	5,018
7															
8		22,615	22,615	22,615	22,615	22,615	27,200	27,200	27,200	27,200	27,200	27,200	27,200	27,200	27,200
9		14,005	14,382	14,759	15,136	15,513	15,890	16,305	16,758	17,211	17,664	18,117	18,570	19,023	19,023
10		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	8,177
11			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			59	56	54	51	48	62	75	72	68	65	62	59	731
13															
14		82	77	75	70	66	86	104	100	94	90	86	82	82	1,012
15															
16		459	454	452	447	443	501	557	553	547	543	539	535	535	6,030
17															
18															
19		0	0	0	4,425	0	0	10,074	0	4,691	4,691	4,691	4,699	4,699	33,271
20		0	10,779	0	0	0	0	0	5,239	0	0	1,614,271	0	0	1,630,289
21		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	872,031	69,591	69,591	
22															
23		27,816	27,726	27,636	27,673	27,710	27,710	27,794	27,834	27,830	27,908	14,534	1,160	1,160	293,331
24															
25		1,668,958	1,668,958	1,658,179	1,658,179	1,662,604	1,662,604	1,672,678	1,667,439	1,672,130	1,676,821	67,241	71,940	71,940	71,940
26		1,366,539	1,394,355	1,411,302	1,438,938	1,466,611	1,494,321	1,549,825	1,572,420	1,600,250	1,628,158	28,421	29,581	29,581	29,581
27		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	42,359
28			288,511	260,740	233,059	207,617	182,138	154,428	131,713	108,936	83,450	60,272	43,742	40,590	
29			2,012	1,818	1,625	1,448	1,270	1,077	919	760	582	420	305	283	12,519
30															
31		2,785	2,516	2,249	2,004	1,758	1,491	1,272	1,052	806	581	422	392	392	17,328
32															
33		30,601	30,242	29,885	29,677	29,468	29,201	29,066	28,886	28,636	28,489	14,956	1,552	1,552	310,659
34															
35															
36		0	0	0	0	0	0	0	0	0	0	0	0	0	0
37		0	0	0	0	0	0	0	0	0	0	0	0	0	0
38		0	0	0	0	0	0	0	0	0	0	0	0	0	0
39															
40		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41															
42		0	0	0	0	0	0	0	0	0	0	0	0	0	0
43		0	0	0	0	0	0	0	0	0	0	0	0	0	0
44		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46		0	0	0	0	0	0	0	0	0	0	0	0	0	0
47															
48		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49															
50		0	0	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										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															
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	6,165,995	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-EJ). 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)	36,842	45,752	51,137	71,619	38,255	61,345	46,578	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)	6,894	7,489	10,224	11,216	13,725	11,673	13,704	12,197	32,625	32,625	32,625	32,810	217,907
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	83,533,775
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	6,016,498	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)	(17,585)	(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	811,514	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	<u>1,967,138</u>	<u>911,855</u>	<u>421,663</u>	<u>(517,631)</u>	<u>(2,483,916)</u>	<u>(4,971,534)</u>	<u>(8,332,449)</u>	<u>(13,435,496)</u>	<u>(18,409,550)</u>	<u>(20,824,035)</u>	<u>(21,824,310)</u>	<u>(22,878,083)</u>	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	<u>983,569</u>	<u>455,927</u>	<u>210,831</u>	<u>(258,816)</u>	<u>(1,241,958)</u>	<u>(2,485,767)</u>	<u>(4,166,224)</u>	<u>(6,717,748)</u>	<u>(9,204,775)</u>	<u>(10,412,017)</u>	<u>(10,912,155)</u>	<u>(11,439,041)</u>	
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)	<u>9.71%</u>	<u>9.66%</u>	<u>9.73%</u>	<u>9.68%</u>	<u>9.65%</u>	<u>9.90%</u>	<u>10.13%</u>	<u>10.40%</u>	<u>10.57%</u>	<u>10.50%</u>	<u>10.50%</u>	<u>10.50%</u>	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	<u>4.855%</u>	<u>4.830%</u>	<u>4.865%</u>	<u>4.840%</u>	<u>4.825%</u>	<u>4.950%</u>	<u>5.085%</u>	<u>5.200%</u>	<u>5.285%</u>	<u>5.250%</u>	<u>5.250%</u>	<u>5.250%</u>	
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	<u>3,979</u>	<u>1,835</u>	<u>855</u>	<u>(1,044)</u>	<u>(4,994)</u>	<u>(10,254)</u>	<u>(17,585)</u>	<u>(29,110)</u>	<u>(40,539)</u>	<u>(45,553)</u>	<u>(47,741)</u>	<u>(50,046)</u>	<u>(240,197)</u>

---

**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	\$4,933,976
FEBRUARY	2,602,786	\$0	\$4,876,934
MARCH	2,484,039	\$0	\$4,602,034
APRIL	2,556,219	\$0	\$4,691,736
MAY	2,666,725	\$0	\$4,902,898
JUNE	3,097,998	\$0	\$5,821,295
JULY	3,410,830	\$0	\$6,496,292
AUGUST	3,362,486	\$0	\$6,427,929
SEPTEMBER	3,475,073	\$0	\$6,632,765
OCTOBER	3,070,042	\$0	\$5,788,669
NOVEMBER	2,634,226	\$0	\$4,861,212
DECEMBER	<u>2,580,708</u>	<u>\$0</u>	<u>\$4,780,985</u>
TOTAL	<u>34,558,606</u>	<u>\$0</u>	<u>\$64,816,725</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
<b>Adjustment for Economy</b>														
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	N/A	N/A	N/A	N/A	N/A	N/A		N/A
8 Use per Customer adj for Pers 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	1,087	1,037	966	932	987	1,215	1,371	1,412	1,395	1,229	959	994		
12 Monthly Use per Customer 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 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
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)

2

---

**SCHEDULE CT-1**  
**APRIL 1998 THROUGH DECEMBER 1998**

---

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 990002-EI EXHIBIT NO. 2  
COMPANY/ WITNESS: Jacobs  
DATE: 11-22-99

FLORIDA POWER CORPORATION  
 ENERGY CONSERVATION ADJUSTED NET TRUE-UP  
 FOR THE PERIOD APRIL 1998 THROUGH DECEMBER 1998

LINE  
NO.

1	ACTUAL END OF PERIOD TRUE-UP (OVER) / UNDER RECOVERY		
2	BEGINNING BALANCE	(\$12,735,283)	
3	PRINCIPAL (CT 3, PAGE 2 of 3)	(9,617,567)	
4	INTEREST (CT 3, PAGE 2 of 3)	234,020	
5	PRIOR TRUE-UP REFUND	1,334,892	
6	ADJUSTMENTS	<u>22,143,540</u>	\$1,359,603
7	LESS: PROJECTED TRUE-UP FROM JANUARY 1998 FILING		
8	(OVER) / UNDER RECOVERY		
9	BEGINNING BALANCE	(\$11,158,760)	
10	PRINCIPAL	(1,426,068)	
11	INTEREST	473,793	
12	PRIOR TRUE-UP REFUND	143,418	
13	ADJUSTMENTS	<u>22,167,795</u>	<u>\$10,200,178</u>
14	VARIANCE TO PROJECTION		<u><u>(\$8,840,575)</u></u>

---

**SCHEDULE CT-2**  
**APRIL 1998 THROUGH DECEMBER 1998**

---

FLORIDA POWER CORPORATION

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
 ACTUAL VS. ESTIMATED  
 FOR THE PERIOD APRIL 1998 THROUGH DECEMBER 1998

LINE NO.	PROGRAM	ACTUAL	ESTIMATED	DIFFERENCE
1	DEPRECIATION AMORT. & RETURN	4,171,643	4,182,963	(11,320)
2	PAYROLL AND BENEFITS	3,944,104	3,845,238	98,866
3	MATERIALS AND SUPPLIES	178,207	153,262	24,945
4	OUTSIDE SERVICES	2,750,736	2,880,097	(129,361)
5	ADVERTISING	606,699	1,312,175	(705,476)
6	INCENTIVES	43,630,722	45,715,609	(2,084,887)
7	VEHICLES	224,052	287,663	(63,611)
8	OTHER	1,327,162	1,828,941	(501,779)
9	PROGRAM REVENUES	<u>(200)</u>	<u>0</u>	<u>(200)</u>
10	TOTAL PROGRAM COSTS	56,833,125	60,205,948	(3,372,823)
11	LESS:			
12	CONSERVATION CLAUSE REVENUES	65,115,800	61,488,598	3,627,202
13	PRIOR TRUE-UP	<u>12,735,283</u>	<u>11,158,760</u>	<u>1,576,523</u>
14	TRUE-UP BEFORE INTEREST	(21,017,958)	(12,441,410)	(8,576,548)
15	AUDIT & REV DECOUPLING ADJUSTMENT	22,143,540	22,167,795	(24,255)
16	INTEREST PROVISION	<u>234,020</u>	<u>473,793</u>	<u>(239,773)</u>
17	END OF PERIOD TRUE-UP	<u>1,359,603</u>	<u>10,200,178</u>	<u>(8,840,575)</u>

( ) REFLECTS OVERRECOVERY

FLORIDA POWER CORPORATION

ACTUAL ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM  
 FOR THE PERIOD APRIL 1998 THROUGH DECEMBER 1998

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	BETTER BUSINESS	0	34,904	0	0	0	300,331	2,627	1,129	338,991	0	338,991
2	GAS DEMONSTRATION	0	50	0	0	0	0	0	0	50	0	50
3	RESIDENTIAL NEW CONSTRUCTION	0	184,929	982	42,828	188,903	83,803	12,720	25,773	539,938	0	539,938
4	HOME ENERGY IMPROVEMENT	0	264,907	5,721	52,695	112,060	1,942,469	10,865	7,382	2,396,099	(150)	2,395,949
5	COMM / IND NEW CONSTRUCTION	0	586	0	0	0	675	21	0	1,282	0	1,282
6	HOME ENERGY CHECK	4,290	1,059,767	39,853	161,978	166,697	0	73,545	111,730	1,617,860	(50)	1,617,810
7	BUSINESS ENERGY CHECK	0	75,871	429	774	0	0	7,270	6,290	90,634	0	90,634
8	QUALIFYING FACILITY	2,654	242,144	652	4,415	0	0	2,598	40,580	293,043	0	293,043
9	INNOVATION INCENTIVE	0	70	0	0	0	136,500	0	0	136,570	0	136,570
10	TECHNOLOGY DEVELOPMENT	0	11,914	6,704	190	0	11,135	460	19,007	49,410	0	49,410
11	STANDBY GENERATION	0	9,445	12,484	9,879	0	275,149	272	4,925	312,154	0	312,154
12	INTERRUPT LOAD MANAGEMENT	0	22,193	32,605	6,967	0	15,732,638	1,227	219	15,795,849	0	15,795,849
13	CURTAIL LOAD MANAGEMENT	0	0	0	0	0	495,708	0	0	495,708	0	495,708
14	RESIDENTIAL LOAD MANAGEMENT	3,767,579	1,435,364	63,841	1,932,630	139,039	24,107,148	104,925	577,100	32,127,626	0	32,127,626
15	COMMERCIAL LOAD MANAGEMENT	0	13,229	0	7,365	0	536,041	7	1,838	558,480	0	558,480
16	CONSERVATION PROGRAM ADMIN	397,120	588,731	14,936	531,015	0	9,125	7,515	531,189	2,079,631	0	2,079,631
17	TOTAL ALL PROGRAMS	4,171,643	3,944,104	178,207	2,750,736	606,699	43,630,722	224,052	1,327,162	56,833,325	(200)	56,833,125

FLORIDA POWER CORPORATION  
 VARIANCE IN ENERGY CONSERVATION PROGRAM COSTS  
 9 MONTHS ACTUAL VERSUS 9 MONTHS ESTIMATED  
 FOR THE PERIOD APRIL 1998 THROUGH DECEMBER 1998

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	BETTER BUSINESS	0	10,920	0	(4,877)	(22,132)	(236,037)	(6,116)	(3,266)	(261,508)	0	(261,508)
2	GAS DEMONSTRATION	0	(5,306)	(3,752)	(9,375)	0	0	(191)	(810)	(19,434)	0	(19,434)
3	RESIDENTIAL NEW CONSTRUCTION	0	29,288	693	(22,003)	(58,600)	(630,572)	(6,229)	(6,104)	(693,527)	0	(693,527)
4	HOME ENERGY IMPROVEMENT	0	(41,787)	5,344	29,486	(262,957)	335,519	(7,826)	(99,077)	(41,298)	(150)	(41,448)
5	COMM / IND NEW CONSTRUCTION	0	(8,586)	0	0	(39,004)	(175,832)	(940)	(998)	(225,360)	0	(225,360)
6	HOME ENERGY CHECK	0	101,065	32,915	(315,215)	(120,938)	0	(9,175)	(24,559)	(335,907)	(50)	(335,957)
7	BUSINESS ENERGY CHECK	0	(106,812)	(6,770)	(88,852)	(10,128)	(37,502)	(30,842)	(27,164)	(308,070)	0	(308,070)
8	QUALIFYING FACILITY	0	(16,229)	576	(70,662)	0	0	308	(20,448)	(106,455)	0	(106,455)
9	INNOVATION INCENTIVE	0	(19,282)	0	(14,625)	0	(103,502)	(26,977)	(11,339)	(175,725)	0	(175,725)
10	TECHNOLOGY DEVELOPMENT	0	(5,846)	2,954	(24,563)	0	(6,117)	(185)	7,211	(26,546)	0	(26,546)
11	STANDBY GENERATION	0	2,026	3,595	(14,272)	(7,501)	(173,051)	(1,379)	4,925	(185,657)	0	(185,657)
12	INTERRUPT LOAD MANAGEMENT	0	14,774	10,105	6,967	0	141,828	(123)	219	173,770	0	173,770
13	CURTAIL LOAD MANAGEMENT	0	0	(22,500)	0	0	(104,647)	0	0	(127,147)	0	(127,147)
14	RESIDENTIAL LOAD MANAGEMENT	(13,382)	211,692	17,106	845,492	(184,216)	(1,427,451)	28,171	(88,372)	(610,960)	0	(610,960)
15	COMMERCIAL LOAD MANAGEMENT	0	5,784	0	(34,260)	0	323,352	7	1,838	296,721	0	296,721
16	CONSERVATION PROGRAM ADMIN	2,062	(72,835)	(15,321)	(412,602)	0	9,125	(2,114)	(233,835)	(725,520)	0	(725,520)
17	TOTAL ALL PROGRAMS	(11,320)	98,866	24,945	(129,361)	(705,476)	(2,084,887)	(63,611)	(501,779)	(3,372,623)	(200)	(3,372,823)

---

**SCHEDULE CT-3**  
**APRIL 1998 THROUGH DECEMBER 1998**

---



FLORIDA POWER CORPORATION

ACTUAL CONSERVATION PROGRAM COSTS BY MONTH  
 FOR THE PERIOD APRIL 1998 THROUGH DECEMBER 1998

LINE NO.	PROGRAM TITLE	APR 98	MAY 98	JUN 98	JUL 98	AUG 98	SEP 98	OCT 98	NOV 98	DEC 98	TOTAL
1	BETTER BUSINESS	30,185	18,325	10,978	98,863	51,791	5,456	11,340	76,883	35,170	338,991
2	GAS DEMONSTRATION	0	0	0	0	0	50	0	0	0	50
3	RESIDENTIAL NEW CONSTRUCTION	89,270	55,922	51,977	48,445	70,179	58,033	56,245	57,395	52,472	539,938
4	HOME ENERGY IMPROVEMENT	261,554	309,285	311,070	245,608	254,980	261,828	374,478	209,451	167,845	2,396,099
5	COMM / IND NEW CONSTRUCTION	0	824	13	(4)	0	184	0	207	58	1,282
6	HOME ENERGY CHECK	168,419	227,926	260,120	155,606	157,308	162,542	200,626	72,236	213,077	1,617,860
7	BUSINESS ENERGY CHECK	11,053	10,211	9,881	8,590	11,174	10,209	10,082	12,553	6,881	90,634
8	QUALIFYING FACILITY	34,552	32,163	33,018	31,267	27,986	38,788	33,604	30,936	30,729	293,043
9	INNOVATION INCENTIVE	48,070	0	0	0	0	88,500	0	0	0	136,570
10	TECHNOLOGY DEVELOPMENT	4,502	2,002	5,318	5,297	261	13,506	10,878	941	6,705	49,410
11	STANDBY GENERATION	59,121	25,084	45,139	23,090	27,514	29,803	30,992	27,980	43,431	312,154
12	INTERRUPT LOAD MANAGEMENT	1,795,190	1,774,003	1,758,849	1,752,241	1,739,323	1,609,673	1,740,848	1,650,817	1,974,905	15,795,849
13	CURTAIL LOAD MANAGEMENT	55,323	65,274	57,682	54,439	52,997	59,410	52,322	50,140	48,121	495,708
14	RESIDENTIAL LOAD MANAGEMENT	3,048,807	2,909,944	4,164,034	4,586,654	4,029,066	3,579,471	3,630,629	3,070,805	3,108,216	32,127,626
15	COMMERCIAL LOAD MANAGEMENT	64,435	56,913	65,702	51,569	73,896	52,204	65,942	65,921	61,898	558,480
16	CONSERVATION PROGRAM ADMIN	175,370	200,777	201,119	242,468	212,066	233,843	264,671	251,056	298,261	2,079,631
17	TOTAL ALL PROGRAMS	5,845,851	5,688,653	6,974,900	7,304,133	6,708,541	6,203,500	6,482,657	5,577,321	6,047,769	56,833,325
18											
19	LESS: BASE RATE RECOVERY	0	0	0	0	0	0	0	0	0	0
20											
21	NET RECOVERABLE (CT-3,PAGE 2)	5,845,851	5,688,653	6,974,900	7,304,133	6,708,541	6,203,500	6,482,657	5,577,321	6,047,769	56,833,325

\* 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 APRIL 1998 THROUGH DECEMBER 1998

LINE NO.	APR 98	MAY 98	JUN 98	JUL 98	AUG 98	SEP 98	OCT 98	NOV 98	DEC 98	TOTAL FOR THE PERIOD
1A BETTER BUSINESS	0	0	0	0	0	0	0	0	0	0
1B HOME ENERGY IMPROVEMENT	0	0	0	0	50	100	0	0	0	150
1C HOME ENERGY CHECK	0	0	0	0	0	50	0	0	0	50
1D SUBTOTAL - FEES	0	0	0	0	50	150	0	0	0	200
2 CONSERVATION CLAUSE REVENUES	5,879,629	5,973,767	7,974,723	8,478,461	8,661,738	8,055,118	7,730,362	6,236,585	6,125,415	65,115,800
2A CURRENT PERIOD GRT REFUND	0	0	0	0	0	0	0	0	0	0
3 TOTAL REVENUES	5,879,629	5,973,767	7,974,723	8,478,461	8,661,788	8,055,268	7,730,362	6,236,585	6,125,415	65,116,000
4 PRIOR <b>PSC APPROVED</b> ECCR TRUE-UP OVER/(UNDER)	(9,408,257)	434,068	112,603	112,603	112,603	112,603	112,603	112,603	112,603	1,334,892
5 CONSERVATION REVENUES APPLICABLE TO PERIOD	6,313,697	6,086,370	8,087,326	8,591,064	8,774,391	8,167,871	7,842,965	6,349,188	6,238,018	66,450,892
6 CONSERVATION EXPENSES (CT-3,PAGE 1, LINE 73)	5,845,851	5,688,653	6,974,900	7,304,133	6,708,541	6,203,500	6,482,657	5,577,321	6,047,769	56,833,325
7 TRUE-UP THIS PERIOD (O)/U	(467,846)	(397,717)	(1,112,426)	(1,286,931)	(2,065,850)	(1,964,371)	(1,360,308)	(771,867)	(190,249)	(9,617,567)
8 CURRENT PERIOD INTEREST	43,357	42,628	40,124	35,472	28,162	18,911	11,589	7,743	6,034	234,020
9 ADJUSTMENTS PER AUDIT \RDC Order	22,143,540	0	0	0	0	0	0	0	0	22,143,540
10 TRUE-UP & INTEREST PROVISIONS BEGINNING OF MONTH (O)/U	(12,735,283)	9,417,836	9,175,350	8,215,651	7,076,795	5,151,710	3,318,852	2,082,736	1,431,215	(12,735,283)
10 A CURRENT PERIOD GRT REFUNDED	0	0	0	0	0	0	0	0	0	0
11 PRIOR TRUE-UP REFUNDED/ (COLLECTED) Repr 4/94-10/94	434,068	112,603	112,603	112,603	112,603	112,603	112,603	112,603	112,603	1,334,892
12 END OF PERIOD NET TRUE-UP	9,417,836	9,175,350	8,215,651	7,076,795	5,151,710	3,318,852	2,082,736	1,431,215	1,359,603	1,359,603

FLORIDA POWER CORPORATION  
 CALCULATION OF INTEREST PROVISION  
 FOR THE PERIOD APRIL 1998 THROUGH DECEMBER 1998

LINE NO.	APR 98	MAY 98	JUN 98	JUL 98	AUG 98	SEP 98	OCT 98	NOV 98	DEC 98	
1 BEGINNING TRUE-UP AMOUNT (CT-3,PAGE 2, LINE 9 & 10)	9,408,257	9,417,836	9,175,350	8,215,651	7,076,795	5,151,710	3,318,852	2,082,736	1,431,215	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	9,374,479	9,132,722	8,175,527	7,041,323	5,123,548	3,299,941	2,071,147	1,423,472	1,353,569	
3 TOTAL BEGINNING & ENDING TRUE-UP	<u>18,782,736</u>	<u>18,550,558</u>	<u>17,350,877</u>	<u>15,256,974</u>	<u>12,200,342</u>	<u>8,451,651</u>	<u>5,390,000</u>	<u>3,506,208</u>	<u>2,784,783</u>	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	<u>9,391,368</u>	<u>9,275,279</u>	<u>8,675,438</u>	<u>7,628,487</u>	<u>6,100,171</u>	<u>4,225,826</u>	<u>2,695,000</u>	<u>1,753,104</u>	<u>1,392,392</u>	
5 INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	5.55%	5.53%	5.50%	5.60%	5.56%	5.52%	5.22%	5.10%	5.50%	
6 INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	5.53%	5.50%	5.60%	5.56%	5.52%	5.22%	5.10%	5.50%	4.90%	
7 TOTAL (LINE 5 AND LINE 6)	<u>11.08%</u>	<u>11.03%</u>	<u>11.10%</u>	<u>11.16%</u>	<u>11.08%</u>	<u>10.74%</u>	<u>10.32%</u>	<u>10.60%</u>	<u>10.40%</u>	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	<u>5.540%</u>	<u>5.515%</u>	<u>5.550%</u>	<u>5.580%</u>	<u>5.540%</u>	<u>5.370%</u>	<u>5.160%</u>	<u>5.300%</u>	<u>5.200%</u>	
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	<u>43,357</u>	<u>42,628</u>	<u>40,124</u>	<u>35,472</u>	<u>28,162</u>	<u>18,911</u>	<u>11,589</u>	<u>7,743</u>	<u>6,034</u>	<u>234,020</u>

---

**SCHEDULE CT-4**  
**APRIL 1998 THROUGH DECEMBER 1998**

---

FLORIDA POWER CORPORATION  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN  
 FOR THE PERIOD APRIL 1998 THROUGH DECEMBER 1998

LINE NO.	BEGINNING BALANCE	APR 98	MAY 98	JUN 98	JUL 98	AUG 98	SEP 98	OCT 98	NOV 98	DEC 98	TOTAL
1	<b>QUALIFYING FACILITY</b>										
2	INVESTMENTS	0	0	0	0	0	0	0	0	0	0
3	RETIREMENTS	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	
5											
6	DEPRECIATION EXPENSE	211	211	211	211	211	211	211	211	211	1,899
7											
8	CUMM. NET INVEST	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657	12,657
9	LESS: ACC. NET DEPR	3,009	3,220	3,431	3,642	3,853	4,064	4,275	4,486	4,697	4,908
10	NET INVESTMENT	9,648	9,437	9,226	9,015	8,804	8,593	8,382	8,171	7,960	7,749
11	AVERAGE INVESTMENT	9,543	9,332	9,121	8,910	8,699	8,488	8,277	8,066	7,855	7,644
12	RETURN ON AVG INVEST	67	65	64	62	61	59	57	56	55	546
13											
14	RETURN REQUIREMENTS	93	90	88	86	84	82	79	77	76	755
15											
16	PROGRAM TOTAL	304	301	299	297	295	293	290	288	287	2,654
17											
18	<b>UNUSED</b>										
19	INVESTMENTS	0	0	0	0	0	0	0	0	0	0
20	RETIREMENTS	0	0	0	0	0	0	0	0	0	0
21	DEPRECIATION BASE	0	0	0	0	0	0	0	0	0	0
22											
23	DEPRECIATION EXPENSE	0	0	0	0	0	0	0	0	0	0
24											
25	CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0
26	LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0
27	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0
28	AVERAGE INVESTMENT	0	0	0	0	0	0	0	0	0	0
29	RETURN ON AVG INVEST	0	0	0	0	0	0	0	0	0	0
30											
31	RETURN REQUIREMENTS	0	0	0	0	0	0	0	0	0	0
32											
33	PROGRAM TOTAL	0	0	0	0	0	0	0	0	0	0
34											
35	<b>LOAD MANAGEMENT ASSETS</b>										
36	INVESTMENTS	0	0	0	19,952	0	0	0	0	4,899	24,851
37	RETIREMENTS	0	237,963	0	0	0	0	76,254	0	246,301	560,518
38	DEPRECIATION BASE	5,863,847	5,744,866	5,625,884	5,635,860	5,645,836	5,645,836	5,607,709	5,569,582	5,448,881	
39											
40	DEPRECIATION EXPENSE	97,731	95,748	93,765	93,931	94,097	94,097	93,462	92,827	90,815	846,473
41											
42	CUMM. NET INVEST	5,863,847	5,863,847	5,625,884	5,625,884	5,645,836	5,645,836	5,645,836	5,569,582	5,328,180	5,328,180
43	LESS: ACC. NET DEPR	3,623,079	3,720,810	3,578,595	3,672,360	3,766,291	3,860,388	3,954,485	3,971,693	4,064,520	3,909,034
44	NET INVESTMENT	2,240,768	2,143,037	2,047,289	1,953,524	1,879,545	1,785,448	1,691,351	1,597,889	1,505,062	1,419,146
45	AVERAGE INVESTMENT	2,191,903	2,095,163	2,000,407	1,916,535	1,832,497	1,738,400	1,644,620	1,551,476	1,462,104	1,419,146
46	RETURN ON AVG INVEST	15,288	14,613	13,953	13,368	12,782	12,125	11,471	10,822	10,198	114,620
47											
48	RETURN REQUIREMENTS	21,161	20,227	19,313	18,503	17,692	16,783	15,878	14,979	14,115	158,651
49											
50	PROGRAM TOTAL	118,892	115,975	113,078	112,434	111,789	110,880	109,340	107,806	104,930	1,005,124

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 APRIL 1998 THROUGH DECEMBER 1998

LINE NO.	BEGINNING BALANCE	APR 98	MAY 98	JUN 98	JUL 98	AUG 98	SEP 98	OCT 98	NOV 98	DEC 98	TOTAL
1											
2	HOME ENERGY CHECK										
3	INVESTMENTS	0	0	0	0	0	0	0	0	0	0
4	RETIREMENTS	0	0	0	0	0	0	0	0	0	0
5	DEPRECIATION BASE	22,615	22,615	22,615	22,615	22,615	22,615	22,615	22,615	22,615	22,615
6	DEPRECIATION EXPENSE	377	377	377	377	377	377	377	377	377	3,393
7											
8	CUMM. NET INVEST	22,615	22,615	22,615	22,615	22,615	22,615	22,615	22,615	22,615	22,615
9	LESS: ACC. NET DEPR	10,612	10,989	11,366	11,743	12,120	12,497	12,874	13,251	13,628	14,005
10	NET INVESTMENT	12,003	11,626	11,249	10,872	10,495	10,118	9,741	9,364	8,987	8,610
11	AVERAGE INVESTMENT		11,815	11,438	11,061	10,684	10,307	9,930	9,553	9,176	8,799
12	RETURN ON AVG INVEST		82	80	77	75	72	69	67	64	62
13											648
14	RETURN REQUIREMENTS		113	111	107	104	100	95	93	88	86
15											897
16	PROGRAM TOTAL		490	488	484	481	477	472	470	465	463
17											4,290
18	CONSERV. PROGRAM ADMIN										
19	INVESTMENTS		8,922	24	0	781	54	0	0	0	9,781
20	RETIREMENTS		30,826	0	252,887	1,103,888	0	153,457	83,708	0	1,689,805
21	DEPRECIATION BASE		3,338,030	3,327,090	3,200,659	2,522,662	1,971,135	1,894,434	1,775,851	1,733,997	1,701,478
22											
23	DEPRECIATION EXPENSE		55,634	55,452	53,344	42,044	32,852	31,574	29,598	28,900	357,756
24											
25	CUMM. NET INVEST	3,348,982	3,327,078	3,327,102	3,074,215	1,971,108	1,971,162	1,817,705	1,733,997	1,733,997	1,668,958
26	LESS: ACC. NET DEPR	2,698,588	2,723,396	2,778,848	2,579,305	1,517,461	1,550,313	1,428,430	1,374,320	1,403,220	1,366,539
27	NET INVESTMENT	650,394	603,682	548,254	494,910	453,647	420,849	389,275	359,677	330,777	302,419
28	AVERAGE INVESTMENT		627,038	575,968	521,582	474,279	437,248	405,062	374,476	345,227	316,598
29	RETURN ON AVG INVEST		4,373	4,017	3,638	3,308	3,050	2,825	2,612	2,408	2,208
30											28,439
31	RETURN REQUIREMENTS		6,053	5,560	5,035	4,579	4,222	3,910	3,616	3,333	3,056
32											39,364
33	PROGRAM TOTAL		61,687	61,012	58,379	46,623	37,074	35,484	33,214	32,233	31,414
34											397,120
35	UNUSED										
36	INVESTMENTS		0	0	0	0	0	0	0	0	0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		0	0	0	0	0	0	0	0	0
39											
40	DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0
41											
42	CUMM. NET INVEST	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
44	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0
45	AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0
46	RETURN ON AVG INVEST		0	0	0	0	0	0	0	0	0
47											
48	RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0
49											
50	PROGRAM TOTAL		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 APRIL 1998 THROUGH DECEMBER 1998

LINE NO.	BEGINNING BALANCE	APR 98	MAY 98	JUN 98	JUL 98	AUG 98	SEP 98	OCT 98	NOV 98	DEC 98	TOTAL
1	UNUSED										
2	INVESTMENTS	0	0	0	0	0	0	0	0	0	0
3	RETIREMENTS	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE	0	0	0	0	0	0	0	0	0	0
5											
6	DEPRECIATION EXPENSE	0	0	0	0	0	0	0	0	0	0
7											
8	CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0
9	LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0
10	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0
11	AVERAGE INVESTMENT	0	0	0	0	0	0	0	0	0	0
12	RETURN ON AVG INVEST	0	0	0	0	0	0	0	0	0	0
13											
14	RETURN REQUIREMENTS	0	0	0	0	0	0	0	0	0	0
15											
16	PROGRAM TOTAL	0	0	0	0	0	0	0	0	0	0
17											
18	UNUSED										
19	INVESTMENTS	0	0	0	0	0	0	0	0	0	0
20	RETIREMENTS	0	0	0	0	0	0	0	0	0	0
21	DEPRECIATION BASE	0	0	0	0	0	0	0	0	0	0
22											
23	DEPRECIATION EXPENSE	0	0	0	0	0	0	0	0	0	0
24											
25	CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0
26	LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0
27	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0
28	AVERAGE INVESTMENT	0	0	0	0	0	0	0	0	0	0
29	RETURN ON AVG INVEST	0	0	0	0	0	0	0	0	0	0
30											
31	RETURN REQUIREMENTS	0	0	0	0	0	0	0	0	0	0
32											
33	PROGRAM TOTAL	0	0	0	0	0	0	0	0	0	0
34											
35	UNUSED										
36	INVESTMENTS	0	0	0	0	0	0	0	0	0	0
37	RETIREMENTS	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE	0	0	0	0	0	0	0	0	0	0
39											
40	DEPRECIATION EXPENSE	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
43	LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0
44	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0
45	AVERAGE INVESTMENT	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
47											
48	RETURN REQUIREMENTS	0	0	0	0	0	0	0	0	0	0
49											
50	PROGRAM TOTAL	0	0	0	0	0	0	0	0	0	0
51											
52	TOTAL DEPRECIATION AND RETURN	181,373	177,776	172,240	159,835	149,635	147,129	143,314	140,792	137,094	1,409,188

NOTE: DEPR ONLY 153,953 151,788 147,697 136,563 127,537 126,259 123,648 122,315 119,761 1,209,521  
 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 APRIL 1998 THROUGH DECEMBER 1998

LINE NO.	BEGINNING BALANCE	APR 98	MAY 98	JUN 98	JUL 98	AUG 98	SEP 98	OCT 98	NOV 98	DEC 98	TOTAL
1	LOAD MANAGEMENT										
2											
3	LOAD CONTROL RECEIVERS, SWITCHES										
4	& HARDWARE - INVESTMENTS	226,031	194,568	124,316	254,370	135,402	28,612	69,582	27,444	55,976	1,116,302
5	RETIREMENTS	780,598	776,404	796,615	865,705	451,463	347,404	306,271	505,600	277,305	5,107,365
6	AMORTIZATION BASE	16,500,419	15,932,217	15,305,150	14,663,333	14,199,635	13,882,209	13,604,468	13,247,046	12,897,304	
7											
8	AMORTIZATION EXPENSE	275,008	265,537	255,086	244,389	236,661	231,371	226,739	220,785	214,955	2,170,531
9											
10	CUMULATIVE INVEST.	16,777,702	16,223,135	15,641,299	14,969,001	14,357,666	14,041,604	13,722,813	13,486,124	13,007,968	12,786,639
11	LESS: ACC. AMORT.	9,557,479	9,051,889	8,541,022	7,999,493	7,378,177	7,163,375	7,047,342	6,967,810	6,682,995	6,620,645
12	NET INVESTMENT	7,220,223	7,171,246	7,100,277	6,969,508	6,979,489	6,878,229	6,675,471	6,518,314	6,324,973	6,165,994
13	AVERAGE INVESTMENT		7,195,735	7,135,762	7,034,893	6,974,498	6,928,859	6,776,850	6,596,892	6,421,644	6,245,484
14	RETURN ON AVG. INVEST.		50,190	49,772	49,069	48,647	48,328	47,269	46,013	44,791	43,563
15											
16	RETURN REQUIREMENTS		69,471	68,892	67,919	67,335	66,894	65,428	63,689	61,998	60,298
17											
18	PROGRAM TOTAL		344,479	334,429	323,005	311,724	303,555	296,799	290,428	282,783	276,253
											2,762,455

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%.



---

**SCHEDULE CT-5**

---

Program Description and Progress

**Program Title:** Home Energy Check

**Program Description:** The 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. This program acts as a motivational tool to identify, evaluate, and inform consumers on cost effective energy saving measures. It serves as the foundation of the residential Home Energy Improvement program and is a requirement for participation. There are four versions of this audit: the free walk-thru, the paid walk-thru (\$15 charge), the Building Energy Rating System (Energy Gauge), and the mail-in audit.

**Program Accomplishments April, 1998 through December, 1998:** There were 18,308 customers that participated in this program.

**Program Fiscal Expenditures for April, 1998 through December, 1998:** Expenses for this program are were \$1,448,939.

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

Program Description and Progress

**Program Title:** Home Energy Improvement

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

**Program Accomplishments April, 1998 through December, 1998:** There were 17,792 customers that participated in this program.

**Program Fiscal Expenditures for April, 1998 through December, 1998:** Expenses for this program were \$2,396,099.

**Program Progress Summary:** Ceiling insulation and duct repair completions are stabilizing, due to the length of time the program has been offered and number of participants that have seen the value of these measures.

### 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. The program is composed of three award levels, of which the Department of Energy's "Energy Star Home Award" is the highest level available. This program 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 Accomplishments April, 1998 through December, 1998:** There were 4,512 participants in the program.

**Program Fiscal Expenditures for April, 1998 through December, 1998:** Expenses for this program were \$351,033.

**Program Progress Summary:** Participation has increased each year since its inception and is expected to continue this upward trend.

### Program Description and Progress

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

**Program Description:** The Energy 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 based on the options selected and their monthly kWh usage.

**Program Accomplishments for April 1998 through December 1998:** During this period, we added 7,412 new participants to the program.

**Program Fiscal Expenditures for April 1998 through December 1998:** Program expenditures during this period were \$28,953,713.

**Program Progress Summary:** At year-end 1998 there were 493,129 customers participating in the Energy Management program.

### Program Description and Progress

**Program Title:** Business Energy Check

**Program Description:** The Business Energy Check Program is an energy audit program that provides business customers with information about their energy use. The program provides recommendations on how customers can improve the energy efficiency of their facilities. It serves as the foundation for participation in other commercial and industrial DSM programs. There are two types of energy audits in this program. The first is the Walk-Through Audit that is provided at no cost and consists of an on-site energy evaluation. 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. The second part of this program is the Paid Audit that is a more detailed analysis of the customer's facility. There is a fee involved in this analysis.

**Program Accomplishments April, 1998 through December, 1998:** There were 417 customers that participated in this program.

**Program Fiscal Expenditures for April, 1998 through December, 1998:** Expenses for this program were \$90,818.

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

### Program Description and Progress

**Program Title:** Better Business

**Program Description:** The Better Business Program is the umbrella efficiency program targeted to existing business customers. The Better Business Program builds on the Business Energy Check by using the audit as a prerequisite for participating in the program. The Better Business Program pays incentives for select energy efficient heating, ventilation, air conditioning, motors, and water heating equipment, as well as for roof insulation upgrades, duct leakage tests and repairs, and window film retrofits.

**Program Accomplishments April, 1998 through December, 1998:** There were 142 customers that participated for the period.

**Program Fiscal Expenditures for April, 1998 through December, 1998:** Expenses for this program were \$341,066.

**Program Progress Summary:** The Better Business program was first implemented during the 1996 year. A slowdown in overall participation is expected due to a Commission approved program modification in 1998 that discontinued the Interior Lighting component of the program.

Program Description and Progress

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

**Program Description:** The primary goal of the Commercial/Industrial New Construction Program is to foster the design and construction of energy efficient buildings. This program provides incentives for installing energy efficient HVAC equipment, motors, heat recovery units and properly sealed ductwork.

**Program Accomplishments April, 1998 through December, 1998:** No new participants were added during the period.

**Program Fiscal Expenditures for April, 1998 through December, 1998:** Expenses for this program were \$1,280.

**Program Progress Summary:** There were no commercial participants during this time frame.



Program Description and Progress

**Program Title:** Innovation Incentive

**Program Description:** The Innovation Incentive Program encourages customers to make capital investments for the installation of energy efficiency measures which reduce or shift kW demand and/or kWh consumption on the Florida Power Corporation System. 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 Accomplishments April, 1998 through December, 1998:** There were 2 new participants during this period.

**Program Fiscal Expenditures for April, 1998 through December, 1998:** Expenses for this program were \$136,570.

**Program Progress Summary:** This program continues to be the source for customers to implement specialized customized energy efficiency measures that are not offered by FPC as part of the Better Business or Commercial/Industrial New Construction Programs.

Program Description and Progress

**Program Title:** Standby Generation

**Program Description:** The Standby Generation Program is a load control program that reduces Florida Power Corporation's demand based upon the indirect control of customer equipment. The program is voluntary and is available to business customers who have on-site generation capability and are willing to reduce their Florida Power Corporation demand when requested.

**Program Accomplishments April, 1998 through December, 1998:** There were 2 new customers added to this program.

**Program Fiscal Expenditures for April, 1998 through December, 1998:** Expenses for this program were \$312,155.

**Program Progress Summary:** As of December 31, 1998 there were 40 participants in this program.

### Program Description and Progress

**Program Title:** Interruptible Service Program

**Program Description:** The Interruptible Service Program is a direct load control program that reduces Florida Power Corporation's demand during peak or emergency conditions. A load control switch is installed at the customer's premises allowing the load to be interrupted. The signal to operate the automatic control switch on the customer's service is activated by Florida Power's Energy Control Center. In return for this, the customer receives a credit on their monthly electric bill.

**Program Accomplishments April, 1998 through December, 1998:** There were no new participants during the period.

**Program Fiscal Expenditures for April, 1998 through December, 1998:** Expenses for this program were \$15,795,967.

**Program Progress Summary:** 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 new, cost-effective IS-2 tariff.

Program Description and Progress

**Program Title:** Curtailable Service Program

**Program Description:** The Curtailable Service Program is an indirect load control program that reduces Florida Power Corporation's demand during peak or emergency conditions. Participants voluntarily curtail their load to a level at or below an agreed upon non-curtailable demand amount. In return, the customer receives a credit on his monthly electric bill.

**Program Accomplishments April, 1998 through December, 1998:** No new participants were added during the period.

**Program Fiscal Expenditures for April, 1998 through December, 1998:** Expenses for this program were \$495,707.

**Program Progress Summary:** 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 new, cost-effective 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 Accomplishment April, 1998 through December, 1998:** The Low-Income Weatherization Pilot is still underway, as is data collection for two heat pump R&D projects.

**Program Fiscal Expenditures for April, 1998 through December, 1998:** Expenses for this program were \$49,440.

**Program Progress Summary:** Currently, the Low Income Weatherization Pilot, Dual Source Heat Pump Project and the Full Condensing Heat Pump (with Water Heater) Project are in progress.

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 Accomplishment April, 1998 through December, 1998:** The monitoring phase of the residential natural gas demonstration (York Triathlon) project has been completed. Data collection is still underway for the commercial natural gas project involving a regenerated desiccant dehumidification system.

**Program Fiscal Expenditures for April, 1998 through December, 1998:** Expenses for this program were \$50.

**Program Progress Summary:** Data analysis of the residential gas powered York Triathlon project is underway. Monitoring and data collection associated with the commercial natural gas dehumidification research project continues to be in progress.

Program Description and Progress

**Program Title:** Qualifying Facility

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

**Program Accomplishment April, 1998 through December, 1998:** Contracts for new facilities will continue to be negotiated when opportune.

**Program Fiscal Expenditures for April, 1998 through December, 1998:** Expenses for this program were \$298,823.

**Program Progress Summary:** The total MW of qualifying facility capacity available at the end of 1998 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. An as-available contract was signed with Perpetual Energy in September 1998.

Docket No. 990002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(LMB-1)  
Table of Contents  
Page 1 of 1

Schedule

Prepared By

CT-1, Page 1 of 1	Korel M. Dubin
CT-2, Page 1 of 5, Lines 1-11	Leonor M. Busto
CT-2, Page 1 of 5, Lines 12-19	Korel M. Dubin
CT-2, Pages 2 - 5 of 5	Leonor M. Busto
CT-3, Pages 1 of 3	Leonor M. Busto
CT-3, Pages 2 & 3 of 3	Korel M. Dubin
CT-4, Pages 1 - 3 of 3, Line 1	Leonor M. Busto
CT-4, Pages 1 - 3 of 3, Lines 2 - 10	Korel M. Dubin
CT-5, Page 1 of 1	Leonor M. Busto
CT-6, Pages 1 - 29 of 29	Leonor M. Busto
Appendix A	Leonor M. Busto

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990002-EG EXHIBIT NO. 3  
COMPANY/  
WITNESS: Busto  
DATE 11-23-99

DOCUMENT NUMBER-DATE

06166 MAY 14 88

FPSC-RECORDS/REPORTING



**Energy Conservation Cost Recovery  
 Final True-Up for the Period  
 April 1998 Through December 1998**

1. Actual End of Period True-Up			
2. Principal	\$	4,542,579	
3. Interest	\$	<u>(92,745)</u>	\$ <u>4,449,834</u>
4. Less Estimated/Actual True-Up approved at the November 1998 Hearing			
5. Principal		(510,899)	
6. Interest	\$	<u>(132,763)</u>	\$ <u>(643,662)</u>
7. Final Net True-Up to be carried over to the January 2000 through December 2000 period			\$ <u><u>5,093,496</u></u>

( ) Reflects Underrecovery

**Energy Conservation Cost Recovery  
 Analysis of Program Costs  
 Actual VS Estimate for the Period  
 April 1998 through December 1998**

	<u>Actual</u>	<u>Estimated (a)</u>	<u>Difference</u>
1. Depreciation & Return	\$ 18,673,767	\$ 18,712,616	\$ (38,849)
2. Payroll & Benefits	13,303,301	14,200,011	(896,710)
3. Materials & Supplies	113,389	182,724	(69,335)
4. Outside Services	10,798,015	9,105,292	1,692,723
5. Advertising	3,508,990	2,819,452	689,538
6. Incentives	78,149,470	79,951,509	(1,802,039)
7. Vehicles	4,326	7,099	(2,773)
8. Other	<u>2,054,940</u>	<u>2,020,068</u>	<u>34,872</u>
9. SUB-TOTAL	\$ 126,606,200	\$ 126,998,773	\$ (392,573)
10. Program Revenues	<u>(22,650)</u>	<u>(267,345)</u>	<u>244,695</u>
11. TOTAL PROGRAM COSTS	\$ 126,583,550	\$ 126,731,428	\$ (147,876)
12. Amounts included in Base Rates	<u>963,143</u>	<u>1,034,097</u>	<u>(70,954)</u>
13. SUBTOTAL	\$ 125,620,407	\$ 125,697,330	\$ (76,923)
14. ECCR Revenues (Net of Revenue Taxes)	<u>130,137,669</u>	<u>125,161,114</u>	<u>4,976,555</u>
15. True-Up Before Interest (Line 14 - Line 13)	\$ 4,517,262	\$ (536,216)	\$ 5,053,478
16. Interest Provision	(92,745)	(132,763)	40,018
17. Prior Period True-Up (Oct '97 - Mar '98)	33,756	33,756	-
18. Deferred True-Up from Prior Period (Oct '97 - Mar '98)	<u>(1,389,882)</u>	<u>(1,389,882)</u>	<u>-</u>
19. End of Period True-Up	<u>\$ 3,068,391</u>	<u>\$ (2,025,105)</u>	<u>\$ 5,093,496</u>

**(a) From Estimated/Actual Filing. Approved 11/98 Hearing.**

For Lines 15 - 19 ( ) reflects an underrecovery.

Totals may not add due to rounding.

**CONSERVATION PROGRAM COSTS**  
**April 1998 through December 1998 Actuals**

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period
1. Residential Conservation Service Program	\$	\$ 2,214,727	\$ 7,524	\$ 1,726,798	\$ 2,796,601		\$ 205	\$ 307,188	\$ 7,053,043	\$	\$ 7,053,043
2. Residential Building Envelope Program		176,397	1,618	101,986		2,438,011		17,949	2,735,961		2,735,961
3. Residential Heat Recovery Water Heating Program		30		296		1,076			1,402		1,402
4. Residential Load Management ("On Call")	15,363,515	1,560,704	40,033	1,909,685		34,622,070	1,822	583,008	54,080,837		54,080,837
5. Duct System Testing & Repair Program		1,852,618	24,152	285,725	185,820	2,146,941		(489,455)	4,005,801		4,005,801
6. Residential Air Conditioning Program		557,099	288	407,463	210,700	12,367,702		50,456	13,593,708		13,593,708
7. GS Load Management ("Business On Call")	1,335,957	128,922		317,799		417,685		39,627	2,239,990		2,239,990
8. Cogeneration & Small Power Production		222,708	70	2,279,122				(20,411)	2,481,489		2,481,489
9. Commercial/Industrial Efficient Lighting		168,116	202	534,279		1,652,079		31,969	2,386,645		2,386,645
10. Commercial/Industrial Load Control		173,016	3,245	991		20,897,678	355	60,711	21,135,996		21,135,996
11. Business Energy Evaluation		687,655	719	278,825	243,215			133,315	1,343,729		1,343,729
12. C/I Heating, Ventilating & A/C Program		701,327	10	628,682	(2,365)	1,862,987		63,155	3,253,796		3,253,796
13. Efficient Motors Program		445							445		445
14. C/I Off Peak Battery Charging Program		6,866		1,162		17,461		1,023	26,512		26,512
15. Business Custom Incentive Program		15,685		94				416	16,195		16,195
16. C/I Building Envelope Program		242,871	375	269,654		1,725,970	(13)	28,739	2,267,596		2,267,596
17. Demand Load Control Trial Project		6,692		92,765		(227)		22	99,252		99,252
18. Res. Thermal Energy Storage Research Proj.				14,210					14,210		14,210
19. Cool Communities Research Project				47,540				59	47,599		47,599
20. Res. Heat Pump Water Heating Research Project		1,339		9,500				657	11,496		11,496
21. Conservation Research & Development Program		5,366		30,434				63	35,863		35,863
22. Natural Gas End-Use Technology R&D Project		13,987		32,279				4,710	50,976		50,976
23. C/I Daylight Dimming Research Project		15,598		82,949				7,033	105,580		105,580
24. C/I New Construction Research Project		17,559		197,961				3,467	218,987		218,987
25. Marketing Conservation Research & Dev.											
26. BuildSmart Program		394,393	1,728	179,261	250		4	61,722	637,358	(22,650)	614,708
27. Green Pricing Research & Development Project		10,386		55,888	74,743			454	141,471		141,471
28. C/I Solar Desiccant Research Project		5,867		35,626				15	41,508		41,508
29. Common Expenses	1,974,295	4,122,928	33,425	1,277,041	26	37	1,953	1,169,048	8,578,753		8,578,753
30. Total All Programs	\$ 18,673,767	\$ 13,303,301	\$ 113,389	\$ 10,798,015	\$ 3,508,990	\$ 78,149,470	\$ 4,326	\$ 2,054,940	\$ 126,606,200	\$ (22,650)	\$ 126,583,550
31. LESS: Included in Base Rates		963,143							963,143		963,143
32. Recoverable Conservation Expenses	\$ 18,673,767	\$ 12,340,158	\$ 113,389	\$ 10,798,015	\$ 3,508,990	\$ 78,149,470	\$ 4,326	\$ 2,054,940	\$ 125,643,057	\$ (22,650)	\$ 125,620,407

Totals may not add due to rounding

**CONSERVATION PROGRAM COSTS**  
**April 1998 through December 1998 Variance**

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total Variance for Period
1. Residential Conservation Service Program	\$	\$(272,340)	\$ 2,216	\$ 1,244,825	\$ 267,161		\$ 205	\$(76,175)	\$ 1,165,892	\$	\$ 1,165,892
2. Residential Building Envelope Program		928	762	(3,181)		(162,980)		(7,501)	(171,972)		(171,972)
3. Residential Heat Recovery Water Heating Program		(2)		286					284		284
4. Residential Load Management ("On Call")	54,037	194,013	(34,738)	316,910		(992,547)	(1,411)	138,271	(325,465)		(325,465)
5. Duct System Testing & Repair Program		(270,106)	(15,187)	(1,408)	132,740	(1,523,559)		84,020	(1,593,500)		(1,593,500)
6. Residential Air Conditioning Program		(76,560)	129	(118,017)	210,700	(348,618)		(12,730)	(345,096)		(345,096)
7. GS Load Management ("Business On Call")	4,698	45,479		142,947		(28,988)		2,489	166,625		166,625
8. Cogeneration & Small Power Production		1,157	70	822,258				(27,469)	796,016		796,016
9. Commercial/Industrial Efficient Lighting		(33,882)	202	135,611		(84,131)		(13,259)	4,541		4,541
10. Commercial/Industrial Load Control		16,210	(563)	(18,428)		1,381,697	294	(3,883)	1,375,327		1,375,327
11. Business Energy Evaluation		30,697	(10,403)	175,409	90,699			22,375	308,777		308,777
12. C/I Heating, Ventilating & A/C Program		(1,618)	10	(45,157)		(84,857)		(21,523)	(153,145)		(153,145)
13. Efficient Motors Program		445							445		445
14. C/I Off Peak Battery Charging Program		(220)		527		2,808		(1,162)	1,953		1,953
15. Business Custom Incentive Program		46		(13,811)		(98,956)		(973)	(113,694)		(113,694)
16. C/I Building Envelope Program		(36,751)	126	(34,904)		138,055	(13)	(22,511)	44,002		44,002
17. Demand Load Control Trial Project		3,266		14,045				22	17,333		17,333
18. Res. Thermal Energy Storage Research Proj.				(4,169)				(2,081)	(6,250)		(6,250)
19. Cool Communities Research Project				(71,317)				51	(71,266)		(71,266)
20. Res. Heat Pump Water Heating Research Project		3	(20,831)	(94,669)				(1,703)	(117,200)		(117,200)
21. Conservation Research & Development Program		(90,770)		(188,725)				(6,481)	(285,976)		(285,976)
22. Natural Gas End-Use Technology R&D Project		6,278		(155,362)				4,523	(144,561)		(144,561)
23. C/I Daylight Dimming Research Project		6,724		(5,639)				6,629	7,714		7,714
24. C/I New Construction Research Project		17		(93,708)				(831)	(94,522)		(94,522)
25. Marketing Conservation Research & Dev.				(437,726)				(6,375)	(444,101)		(444,101)
26. BuildSmart Program		(32,102)	(1,734)	17,937	(4,750)		4	13,765	(6,880)	244,695	237,815
27. Green Pricing Research & Development Project		(12,443)		2,061	1,040			(103,227)	(112,569)		(112,569)
28. C/I Solar Desiccant Research Project		(5,579)		9,795				(1,235)	2,981		2,981
29. Common Expenses	(97,584)	(369,600)	10,606	96,333	(8,052)	37	(1,852)	71,846	(298,266)		(298,266)
30. Total All Programs	\$ (38,849)	\$ (896,710)	\$ (69,335)	\$ 1,692,723	\$ 689,538	\$ (1,802,039)	\$ (2,773)	\$ 34,872	\$ (392,573)	\$ 244,695	\$ (147,876)
31. LESS: Included in Base Rates		(70,954)							(70,954)		(70,954)
32. Recoverable Conservation Expenses	\$ (38,849)	\$ (825,756)	\$ (69,335)	\$ 1,692,723	\$ 689,538	\$ (1,802,039)	\$ (2,773)	\$ 34,872	\$ (321,617)	\$ 244,695	\$ (76,923)

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY		
CONSERVATION ACCOUNTS		
April 1998 through December 1998		
Program	ACCOUNT	
No.	NO.	PROGRAM TITLE
1	456.300	RESIDENTIAL CONSERVATION SERVICE PROGRAM
1	908.620	RESIDENTIAL CONSERVATION SERVICE PROGRAM
1	909.101	RESIDENTIAL CONSERVATION SERVICE PROGRAM
2	908.600	RESIDENTIAL BUILDING ENVELOPE PROGRAM
2	908.650	RESIDENTIAL BUILDING ENVELOPE PROGRAM
2	908.660	RESIDENTIAL BUILDING ENVELOPE PROGRAM
2	909.103	RESIDENTIAL BUILDING ENVELOPE PROGRAM
2	909.104	RESIDENTIAL BUILDING ENVELOPE PROGRAM
2	909.600	RESIDENTIAL BUILDING ENVELOPE PROGRAM
3	908.840	RES. HEAT RECOVERY WATER HEATING PGM.
3	909.113	RES. HEAT RECOVERY WATER HEATING PGM.
4	440.300	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	582.800	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	586.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	587.200	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	587.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	592.800	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	592.880	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	597.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	598.870	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	908.500	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	908.540	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
4	909.106	RESIDENTIAL LOAD MANAGEMENT ("ON CALL")
5	908.700	DUCT SYSTEM TESTING & REPAIR PROGRAM
5	908.710	DUCT SYSTEM TESTING & REPAIR PROGRAM
5	909.121	DUCT SYSTEM TESTING & REPAIR PROGRAM
5	909.710	DUCT SYSTEM TESTING & REPAIR PROGRAM
6	908.410	RESIDENTIAL AIR CONDITIONING PROGRAM
6	909.410	RESIDENTIAL AIR CONDITIONING PROGRAM
7	442.190	GS LOAD MANAGEMENT ("BUSINESS ON CALL")
7	442.290	GS LOAD MANAGEMENT ("BUSINESS ON CALL")
7	587.250	GS LOAD MANAGEMENT ("BUSINESS ON CALL")
7	598.140	GS LOAD MANAGEMENT ("BUSINESS ON CALL")
7	908.580	GS LOAD MANAGEMENT ("BUSINESS ON CALL")
7	909.580	GS LOAD MANAGEMENT ("BUSINESS ON CALL")
8	560.400	COGENERATION & SMALL POWER PRODUCTION
8	908.350	COGENERATION & SMALL POWER PRODUCTION
9	908.170	COMMERCIAL/INDUSTRIAL EFFICIENT LIGHTING
9	909.170	COMMERCIAL/INDUSTRIAL EFFICIENT LIGHTING
10	442.300	COMMERCIAL/INDUSTRIAL LOAD CONTROL
10	442.320	COMMERCIAL/INDUSTRIAL LOAD CONTROL
10	587.120	COMMERCIAL/INDUSTRIAL LOAD CONTROL
10	598.120	COMMERCIAL/INDUSTRIAL LOAD CONTROL
10	908.550	COMMERCIAL/INDUSTRIAL LOAD CONTROL
10	909.107	COMMERCIAL/INDUSTRIAL LOAD CONTROL

FLORIDA POWER & LIGHT COMPANY		
CONSERVATION ACCOUNTS		
April 1998 through December 1998		
Program No.	ACCOUNT NO.	PROGRAM TITLE
11	456.150	BUSINESS ENERGY EVALUATION
11	908.400	BUSINESS ENERGY EVALUATION
11	908.430	BUSINESS ENERGY EVALUATION
11	909.430	BUSINESS ENERGY EVALUATION
11	909.450	BUSINESS ENERGY EVALUATION
12	908.150	C/I HEATING, VENTILATING & A/C PROGRAM
12	908.160	C/I HEATING, VENTILATING & A/C PROGRAM
12	908.420	C/I HEATING, VENTILATING & A/C PROGRAM
12	908.440	C/I HEATING, VENTILATING & A/C PROGRAM
12	908.590	C/I HEATING, VENTILATING & A/C PROGRAM
12	909.150	C/I HEATING, VENTILATING & A/C PROGRAM
12	909.160	C/I HEATING, VENTILATING & A/C PROGRAM
12	909.420	C/I HEATING, VENTILATING & A/C PROGRAM
12	909.440	C/I HEATING, VENTILATING & A/C PROGRAM
12	909.590	C/I HEATING, VENTILATING & A/C PROGRAM
13	908.140	EFFICIENT MOTORS PROGRAM
13	909.140	EFFICIENT MOTORS PROGRAM
14	908.180	C/I OFF PEAK BATTERY CHARGING PROGRAM
14	909.180	C/I OFF PEAK BATTERY CHARGING PROGRAM
15	908.190	BUSINESS CUSTOM INCENTIVE PROGRAM
16	908.300	C/I BUILDING ENVELOPE PROGRAM
16	909.310	C/I BUILDING ENVELOPE PROGRAM
17	908.640	DEMAND LOAD CONTROL (DLC) TRIAL PROJECT
18	908.110	RES. THERMAL ENERGY STORAGE RESEARCH PROJ.
19	908.730	COOL COMMUNITIES RESEARCH PROJECT
20	908.740	RES. HEAT PUMP WATER HEATING RESEARCH PROJECT
21	910.499	CONSERVATION RESEARCH & DEVELOPMENT PROGRAM
22	908.760	NATURAL GAS END-USE TECHNOLOGY R&D. PROJECT
23	908.200	C/I DAYLIGHT DIMMING RESEARCH PROJECT
24	908.720	C/I NEW CONSTRUCTION RESEARCH PROJECT
25	909.130	MARKETING CONSERVATION RESERACH & DEV
25	910.130	MARKETNG CONSERVATION RESERACH & DEV.
26	456.870	BUILDSMART PROGRAM
26	908.770	BUILDSMART PROGRAM
26	909.770	BUILDSMART PROGRAM
27	908.260	GREEN PRICING RESEARCH & DEVEVELOPMENT PROJECT
27	909.260	GREEN PRICING RESEARCH & DEVEVELOPMENT PROJECT
28	908.570	C/I SOLAR DESICCANT RESEARCH PROJECT
29	907.100	COMMON EXPENSES
29	908.130	COMMON EXPENSES
29	908.450	COMMON EXPENSES
29	908.460	COMMON EXPENSES
29	909.700	COMMON EXPENSES
29	910.100	COMMON EXPENSES
29	910.120	COMMON EXPENSES
29	910.176	COMMON EXPENSES
29	931.100	COMMON EXPENSES
**	926.211	PENSION & WELFARE BENEFITS

\*\* Pension & Welfare benefits are allocated to the specific program by means of work order allocation; Each work order translates to Ferc Account 926.211.

**CONSERVATION PROGRAM COSTS**  
**April through December 1998 ACTUAL**

Program Title	April	May	June	July	August	September	October	November	December	Total for Period
1. Residential Conservation Service Program	\$ 455,753	\$ 1,054,334	\$ 360,132	\$ 1,218,706	\$ 515,122	\$ 1,436,261	\$ 284,603	\$ 317,709	\$ 1,410,423	\$ 7,053,043
2. Residential Building Envelope Program	435,475	562,680	428,985	241,409	306,081	159,664	311,452	235,267	54,948	2,735,961
3. Residential Heat Recovery Water Heating Program	689	437	12	(20)	(2)	0			286	1,402
4. Residential Load Management ("On Call")	6,254,938	6,534,888	6,503,378	6,232,482	6,187,332	6,572,151	6,461,596	4,621,261	4,712,811	54,080,837
5. Duct System Testing & Repair Program	904,516	371,854	462,400	412,484	436,230	419,022	272,048	329,953	397,294	4,005,801
6. Residential Air Conditioning Program	1,989,169	1,572,832	1,558,279	1,834,057	1,769,898	1,616,510	1,171,940	1,167,313	913,709	13,593,708
7. GS Load Management ("Business On Call")	232,456	198,134	369,902	235,926	250,801	242,592	260,559	199,325	250,296	2,239,990
8. Cogeneration & Small Power Production	35,804	431,066	170,252	74,351	129,598	363,424	281,025	415,305	580,664	2,481,489
9. Commercial/Industrial Efficient Lighting	249,363	168,525	388,444	473,506	446,077	263,974	159,149	23,901	213,706	2,386,645
10. Commercial/Industrial Load Control	2,277,197	2,190,057	2,439,530	2,480,212	2,387,918	2,485,493	2,497,157	2,425,315	1,953,115	21,135,996
11. Business Energy Evaluation	118,552	229,502	99,638	86,507	141,933	165,323	112,812	128,211	261,250	1,343,729
12. C/I Heating, Ventilating & A/C Program	455,171	134,113	437,617	382,756	293,964	623,170	391,327	351,048	184,630	3,253,796
13. Efficient Motors Program					954	781	(1,191)	(107)	8	445
14. C/I Off Peak Battery Charging Program	1,203	2,352	8,127	963	1,904	793	615	6,746	3,810	26,512
15. Business Custom Incentive Program	1,784	1,702	1,702	1,694	2,553	1,879	1,627	1,627	1,627	16,195
16. C/I Building Envelope Program	218,322	317,039	329,861	239,858	194,750	412,059	242,515	163,119	150,073	2,267,596
17. Demand Load Control Trial Project	825	4,854	867	75,373	15,849	966	476	42	-	99,252
18. Res. Thermal Energy Storage Research Proj.			14,210							14,210
19. Cool Communities Research Project	8	0	0	45,938		1,616	19	18	-	47,599
20. Res. Heat Pump Water Heating Research Project	158	417	139	139	312	146	139	408	9,639	11,496
21. Conservation Research & Development Program	645	615	15,415	11,245	1,128	663	484	5,344	325	35,863
22. Natural Gas End-Use Technology R&D Project	11,523	1,453	8,695	2,496	5,446	8,351	1,315	8,210	3,487	50,976
23. C/I Daylight Dimming Research Project	28,152	2,396	2,332	1,937	35,224	1,376	32,766	606	790	105,580
24. C/I New Construction Research Project	8,762	5,378	5,635	569	539	(544)	902	647	197,100	218,987
25. Marketing Conservation Research & Dev.									-	0
26. BuildSmart Program	68,479	46,995	46,600	103,086	72,209	48,306	84,016	59,795	107,872	637,358
27. Green Pricing Research & Development Project	3,446	58,070	41,916	2,477	3,251	29,515	2,604	62	130	141,471
28. C/I Solar Desiccant Research Project	567	578	578	578	5,779	644	578	31,627	578	41,508
29. Common Expenses	930,878	885,863	840,380	915,469	1,130,268	910,221	961,942	886,058	1,117,673	8,578,753
30. Total All Programs	\$ 14,683,835	\$ 14,776,133	\$ 14,535,028	\$ 15,074,198	\$ 14,335,119	\$ 15,764,358	\$ 13,532,475	\$ 11,378,810	\$ 12,526,245	\$ 126,606,200
31. LESS: Included in Base Rates	180,193	96,319	91,722	94,560	95,065	141,351	90,203	86,330	87,400	963,143
32. Recoverable Conservation Expenses	\$ 14,503,642	\$ 14,679,814	\$ 14,443,306	\$ 14,979,638	\$ 14,240,054	\$ 15,623,006	\$ 13,442,271	\$ 11,292,480	\$ 12,438,845	\$ 125,643,057

Totals may not add due to rounding

**FLORIDA POWER & LIGHT COMPANY**  
**CONSERVATION TRUE-UP & INTEREST CALCULATION**  
**APRIL 1998 THROUGH DECEMBER 1998**

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
B. CONSERVATION PROGRAM REVENUES										
1. a. RESIDENTIAL LOAD CONTROL CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. C/I - PENALTIES	0	0	0	0	0	0	0	0	0	0
c. BUILDSMART PROGRAM REVENUES	0	0	5,025	1,925	6,475	1,575	1,050	4,375	2,225	22,650
2. CONSERVATION CLAUSE REVENUES (NET OF REVENUE TAXES)	11,673,218	12,256,433	15,432,249	16,760,170	16,133,037	16,188,439	15,359,988	13,537,649	12,796,487	130,137,669
3. TOTAL REVENUES	11,673,218	12,256,433	15,437,274	16,762,095	16,139,512	16,190,014	15,361,038	13,542,024	12,798,712	130,160,319
4. ADJUSTMENT NOT APPLICABLE TO PERIOD - PRIOR TRUE-UP	2,813	2,813	2,813	2,813	2,813	2,813	2,813	2,813	2,813	25,317
5. CONSERVATION REVENUES APPLICABLE TO PERIOD (Line B3 + B4)	11,676,031	12,259,246	15,440,087	16,764,908	16,142,325	16,192,827	15,363,851	13,544,837	12,801,525	130,185,636
6. CONSERVATION EXPENSES (From CT-3, Page 1, Line 32)	14,503,642	14,679,814	14,443,306	14,979,638	14,240,054	15,623,006	13,442,271	11,292,480	12,438,845	125,643,057
7. TRUE-UP THIS PERIOD (Line B5 - Line B6)	(2,827,611)	(2,420,568)	996,781	1,785,270	1,902,271	569,821	1,921,580	2,252,357	362,680	4,542,579
8. INTEREST PROVISION FOR THE MONTH (From CT-3, Page 3, Line C10)	(12,737)	(24,868)	(28,446)	(22,277)	(13,721)	(7,843)	(2,225)	6,909	12,463	(92,745)
9. TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH	33,756	(2,809,405)	(5,257,654)	(4,292,132)	(2,531,952)	(646,215)	(87,050)	1,829,492	4,085,945	33,756
a. DEFERRED TRUE-UP BEGINNING OF PERIOD	(1,389,882)	(1,389,882)	(1,389,882)	(1,389,882)	(1,389,882)	(1,389,882)	(1,389,882)	(1,389,882)	(1,389,882)	(1,389,882)
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	(2,813)	(2,813)	(2,813)	(2,813)	(2,813)	(2,813)	(2,813)	(2,813)	(2,813)	(25,317)
11. END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (Line B7+B8+B9+B9a+B10)	(\$4,199,287)	(\$6,647,536)	(\$5,682,014)	(\$3,921,834)	(\$2,036,097)	(\$1,476,932)	\$439,610	\$2,696,063	\$3,068,391	\$3,068,391

NOTES: ( ) Reflects Underrecovery



**FLORIDA POWER & LIGHT COMPANY  
CONSERVATION TRUE-UP & INTEREST CALCULATION  
APRIL 1998 THROUGH DECEMBER 1998**

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C. INTEREST PROVISION										
1. BEGINNING TRUE-UP AMOUNT (Line B9+B9a)	(\$1,356,126)	(\$4,199,287)	(\$6,647,536)	(\$5,682,014)	(\$3,921,834)	(\$2,036,097)	(\$1,476,932)	\$439,610	\$2,696,063	(\$22,184,153)
2. ENDING TRUE-UP AMOUNT BEFORE INTEREST (Line B7+B9+B9a+B10)	(4,186,550)	(6,622,668)	(5,653,568)	(3,899,557)	(2,022,376)	(1,469,089)	441,835	2,689,154	3,055,930	(17,666,889)
3. TOTAL OF BEGINNING & ENDING TRUE-UP (Line C1+C2)	(\$5,542,676)	(\$10,821,955)	(\$12,301,104)	(\$9,581,571)	(\$5,944,210)	(\$3,505,186)	(\$1,035,097)	\$3,128,764	\$5,751,993	(\$39,851,042)
4. AVERAGE TRUE-UP AMOUNT (50% of Line C3)	(\$2,771,338)	(\$5,410,978)	(\$6,150,552)	(\$4,790,786)	(\$2,972,105)	(\$1,752,593)	(\$517,549)	\$1,564,382	\$2,875,997	(\$19,925,521)
5. INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	5.50000%	5.53000%	5.50000%	5.60000%	5.56000%	5.52000%	5.22000%	5.10000%	5.50000%	N/A
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	5.53000%	5.50000%	5.60000%	5.56000%	5.52000%	5.22000%	5.10000%	5.50000%	4.90000%	N/A
7. TOTAL (Line C5+C6)	11.03000%	11.03000%	11.10000%	11.16000%	11.08000%	10.74000%	10.32000%	10.60000%	10.40000%	N/A
8. AVERAGE INTEREST RATE (50% of Line C7)	5.51500%	5.51500%	5.55000%	5.58000%	5.54000%	5.37000%	5.16000%	5.30000%	5.20000%	N/A
9. MONTHLY AVERAGE INTEREST RATE (Line C8 / 12)	0.45958%	0.45958%	0.46250%	0.46500%	0.46167%	0.44750%	0.43000%	0.44167%	0.43333%	N/A
10. INTEREST PROVISION FOR THE MONTH (Line C4 x C9)	(\$12,737)	(\$24,868)	(\$28,446)	(\$22,277)	(\$13,721)	(\$7,843)	(\$2,225)	\$6,909	\$12,463	(\$92,745)

NOTES: ( ) Reflects Underrecovery  
N/A = Not Applicable

**FLORIDA POWER & LIGHT COMPANY**  
**Schedule of Capital Investment, Depreciation and Return**  
**Residential Load Management ("On Call")**  
**For the Period April 1998 through December 1998**

Line No.	Description	Beginning of Period	April	May	June	July	August	September	October	November	December	Total	Line No.
1.	Investments (Net of Retirements)		\$1,052,161	\$967,917	\$839,131	(\$27,710,957)	\$916,016	\$640,158	\$286,286	\$1,652,143	\$1,005,354	(\$20,351,792)	1.
2.	Depreciation Base		103,269,016	104,236,933	105,076,063	77,365,106	78,281,122	78,921,280	79,207,566	80,859,709	81,865,062	n/a	2.
3.	Depreciation Expense (a)		1,710,967	1,748,351	1,755,137	1,291,196	1,304,309	1,320,967	1,296,946	1,427,929	1,390,804	13,246,605	3.
4.	Cumulative Investment (Line 2)	\$102,216,855	103,269,016	104,236,933	105,076,063	77,365,106	78,281,122	78,921,280	79,207,566	80,859,709	81,865,062	n/a	4.
5.	Less: Accumulated Depreciation	61,953,303	63,683,538	65,434,461	67,189,599	40,142,995	41,447,304	42,768,272	44,067,233	45,495,364	46,886,168	n/a	5.
6.	Net Investment (Line 4 - 5)	\$40,263,552	\$39,585,477	\$38,802,471	\$37,886,465	\$37,222,111	\$36,833,818	\$36,153,009	\$35,140,333	\$35,364,345	\$34,978,895		6.
7.	Average Net Investment		39,924,514	39,193,974	38,344,468	37,554,288	37,027,964	36,493,413	35,646,671	35,252,339	35,171,620	n/a	7.
8.	Return on Average Net Investment )												8.
a.	Equity Component (Line 7 * 4.925%/12) (b)		163,873	160,875	157,388	154,145	151,984	149,790	146,315	144,696	144,365		
b.	Equity Comp. grossed up for taxes		266,786	261,905	256,228	250,948	247,431	243,859	238,201	235,566	235,026	2,235,949	
c.	Debt Component (Line 7 * 4.3642% /12)		145,199	142,542	139,452	136,579	134,665	132,720	129,641	128,207	127,913	1,216,918	
9.	Total Return Requirements (Line 8b + 8c)		411,985	404,447	395,680	387,527	382,095	376,579	367,842	363,772	362,940	3,452,867	9.
10.	Total Depreciation & Return (Line 3 + 9)		\$2,122,952	\$2,152,797	2,150,818	\$1,678,722	\$1,686,404	\$1,697,547	\$1,664,788	\$1,791,701	\$1,753,743	\$16,699,472	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

(b) Return on Equity (ROE) is 12.0%, per FPSC Order No. PSC-93-1024-FOF-EI. Docket No. 930612-EI.

ALLOCATION OF DEPRECIATION AND RETURN ON INVESTMENT BETWEEN PROGRAMS											
Residential On Call Program 4 (92%)	Depreciation	1,574,089	1,608,483	1,614,726	1,187,900	1,199,964	1,215,290	1,193,191	1,313,695	1,279,539	12,186,877
	Return	379,026	372,091	364,026	356,524	351,528	346,453	338,414	334,671	333,904	3,176,638
	<b>Total</b>	<b>1,953,116</b>	<b>1,980,573</b>	<b>1,978,752</b>	<b>1,544,425</b>	<b>1,551,492</b>	<b>1,561,743</b>	<b>1,531,605</b>	<b>1,648,365</b>	<b>1,613,444</b>	<b>15,363,514</b>
Business on Call Program 7 (8%)	Depreciation	136,877	139,868	140,411	103,296	104,345	105,677	103,756	114,234	111,264	1,059,728
	Return	32,959	32,356	31,654	31,002	30,568	30,126	29,427	29,102	29,035	276,229
	<b>Total</b>	<b>169,836</b>	<b>172,224</b>	<b>172,065</b>	<b>134,298</b>	<b>134,912</b>	<b>135,804</b>	<b>133,183</b>	<b>143,336</b>	<b>140,299</b>	<b>1,335,958</b>
Total	Depreciation	1,710,967	1,748,351	1,755,137	1,291,196	1,304,309	1,320,967	1,296,946	1,427,929	1,390,804	13,246,605
	Return	411,985	404,447	395,680	387,527	382,095	376,579	367,842	363,772	362,940	3,452,867
	<b>Total</b>	<b>2,122,952</b>	<b>2,152,797</b>	<b>2,150,818</b>	<b>1,678,722</b>	<b>1,686,404</b>	<b>1,697,547</b>	<b>1,664,788</b>	<b>1,791,701</b>	<b>1,753,743</b>	<b>16,699,472</b>

**FLORIDA POWER & LIGHT COMPANY**  
**Schedule of Capital Investment, Depreciation and Return**  
**Monitoring Equipment**  
**For the Period April 1998 through December 1998**

Line No.	Description	Beginning of Period	April	May	June	July	August	September	October	November	December	Total	Line No.
1.	Investment (Net of Retirements)		\$0	\$0	\$0	(\$1,559,973)	\$0	\$0	\$0	\$0	\$0	(\$1,559,973)	1.
2.	Depreciation Base		2,559,132	2,559,132	2,559,132	999,159	999,159	999,159	999,159	999,159	999,159	n/a	2.
3.	Depreciation Expense (a)		42,652	42,652	42,652	16,653	16,653	16,653	16,653	16,653	16,653	227,872	3.
4.	Cumulative Investment (Line 2)	\$2,559,132	2,559,132	2,559,132	2,559,132	999,159	999,159	999,159	999,159	999,159	999,159	n/a	4.
5.	Less: Accumulated Depreciation (c)	2,023,252	2,065,904	2,108,556	2,151,209	607,889	624,541	641,194	657,847	674,499	691,152	n/a	5.
6.	Net Investment (Line 4 - 5)	<u>\$535,880</u>	<u>\$493,227</u>	<u>\$450,575</u>	<u>\$407,923</u>	<u>\$391,270</u>	<u>\$374,618</u>	<u>\$357,965</u>	<u>\$341,312</u>	<u>\$324,660</u>	<u>\$308,007</u>		6.
7.	Average Net Investment		\$514,553	\$471,901	\$429,249	\$399,597	\$382,944	\$366,291	\$349,639	\$332,986	\$316,333	n/a	7.
8.	Return on Average Net Investment												8.
	a. Equity Component (Line 7 * 4.9255% /12) (b)		2,112	1,937	1,762	1,640	1,572	1,503	1,435	1,367	1,298	14,627	8a.
	b. Equity Comp. grossed up for taxes (Line 8a/.61425)		3,438	3,153	2,868	2,670	2,559	2,448	2,336	2,225	2,114	23,812	8b.
	c. Debt Component (Line 7 * 4.3642% /12)		1,871	1,716	1,561	1,453	1,393	1,332	1,272	1,211	1,150	12,960	8c.
9.	<u>Total Return Requirements (Line 8b + 8c)</u>		<u>5,310</u>	<u>4,870</u>	<u>4,429</u>	<u>4,123</u>	<u>3,952</u>	<u>3,780</u>	<u>3,608</u>	<u>3,436</u>	<u>3,264</u>	<u>36,772</u>	9.
10.	Total Depreciation & Return (Line 3 + 9)		<u>\$47,962</u>	<u>\$47,522</u>	<u>\$47,082</u>	<u>\$20,776</u>	<u>\$20,604</u>	<u>\$20,432</u>	<u>\$20,261</u>	<u>\$20,089</u>	<u>\$19,917</u>	<u>\$264,644</u>	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.  
(b) Return on Equity (ROE) is 12.0%, per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI.  
(c) July includes a reserve transfer of \$2,895.13.

**FLORIDA POWER & LIGHT COMPANY**  
**Schedule of Capital Investment, Depreciation and Return**  
**ECCR Common**  
**For the Period April 1998 through December 1998**

Line No.	Description	Beginning of Period	April	May	June	July	August	September	October	November	December	Total	Line No.
1.	Investment (Net of Retirements)		(\$68,798)	\$25,113	(\$402)	(\$1,400)	\$119	\$35	(\$155)	\$0	\$60,000	\$14,513	1.
2.	Depreciation Base		8,745,885	8,770,999	8,770,597	8,769,197	8,769,316	8,769,351	8,769,196	8,769,196	8,829,196	n/a	2.
3.	Depreciation Expense (a)		135,882	138,648	137,791	137,726	137,804	137,800	137,784	137,796	143,796	1,245,028	3.
4.	Cumulative Investment (Line 2)	\$8,814,683	8,745,885	8,770,999	8,770,597	8,769,197	8,769,316	8,769,351	8,769,196	8,769,196	8,829,196	n/a	4.
5.	Less: Accumulated Depreciation	3,150,736	3,286,618	3,425,266	3,563,058	3,700,784	3,838,588	3,976,388	4,114,173	4,251,969	4,395,765	n/a	5.
6.	Net Investment (Line 4 - 5)	<u>\$5,663,947</u>	<u>\$5,459,267</u>	<u>\$5,345,732</u>	<u>\$5,207,539</u>	<u>\$5,068,413</u>	<u>\$4,930,728</u>	<u>\$4,792,963</u>	<u>\$4,655,023</u>	<u>\$4,517,227</u>	<u>\$4,433,431</u>		6.
7.	Average Net Investment		\$5,561,607	\$5,402,500	\$5,276,636	\$5,137,976	\$4,999,570	\$4,861,845	\$4,723,993	\$4,586,125	\$4,475,329	n/a	7.
8.	Return on Average Net Investment												8.
a.	Equity Component (Line 7 * 4.9255% /12)		22,828	22,175	21,658	21,089	20,521	19,956	19,390	18,824	18,369	184,811	8a.
b.	Equity Comp. grossed up for taxes (Line 8a/.61425)		37,164	36,101	35,260	34,333	33,408	32,488	31,567	30,646	29,905	300,873	8b.
c.	Debt Component (Line 7 * 4.3642% /12)		20,227	19,648	19,190	18,686	18,183	17,682	17,180	16,679	16,276	163,751	8c.
9.	Total Return Requirements (Line 8b + 8c)		<u>57,391</u>	<u>55,749</u>	<u>54,450</u>	<u>53,019</u>	<u>51,591</u>	<u>50,170</u>	<u>48,747</u>	<u>47,325</u>	<u>46,181</u>	<u>464,624</u>	9.
10.	Total Depreciation & Return (Line 3 + 9)		<u>\$193,273</u>	<u>\$194,397</u>	<u>\$192,241</u>	<u>\$190,745</u>	<u>\$189,395</u>	<u>\$187,970</u>	<u>\$186,532</u>	<u>\$185,121</u>	<u>\$189,977</u>	<u>\$1,709,651</u>	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

(b) Return on Equity (ROE) is 12.0%, per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI.

Docket No. 990002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(LMB-1)  
Schedule CT-5  
Page 1 of 1

Reconciliation and Explanation of  
Differences between Filing and FPSC Audit  
Reports for Months: April 1998 through December 1998

The audit has not been completed as of the date of this filing.

## **PROGRAM DESCRIPTION AND PROGRESS**

### **Program Title: Residential Conservation Service**

**Program Description:** An energy audit program designed to assist residential customers in making their homes more energy efficient through the installation of conservation measures and the implementation of conservation practices.

**Program Accomplishments for April 1998 through December 1998:** During this period 34,784 energy audits were completed. The estimate for this period was 44,527 energy audits.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$7,053,043 or \$1,165,892 more than projected due to advance purchase of media and related items which will result in substantial savings and overall reduction in program costs.

**Program Progress Summary:** Program inception to date, 1,465,383 energy audits have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

### **Program Title: Residential Building Envelope Program**

**Program Description:** A program designed to encourage qualified customers to install energy-efficient building envelope measures that cost-effectively reduce FPL's coincident peak air conditioning load and customer energy consumption.

**Program Accomplishments for April 1998 through December 1998:** During this period 21,974 installations were completed. The estimate for this period was 17,795 installations.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$2,735,961 or \$171,972 less than projected due to the average incentive cost per installation being lower than anticipated.

**Program Progress Summary:** Program inception to date, 610,417 installations have been completed.

**Docket No. 990002-EG**  
**Exhibit No. \_\_\_\_\_**  
**Florida Power & Light Co.**  
**(LMB-1)**  
**Schedule CT-6**  
**Page 3 of 29**

## **PROGRAM DESCRIPTION AND PROGRESS**

**Program Title: Residential Load Management Program ("On Call")**

**Program Description:** A program designed to offer voluntary load control to residential customers.

**Program Accomplishments for April 1998 through December 1998:** Installation of equipment at 22 additional substations and 35,670 customer installations were completed during this period. The estimate for the period was 25,743 customer installations.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$54,080,837 or \$325,465 less than projected. This program is deemed on target with a less than one-percent variance.

**Program Progress Summary:** Program inception to date, installation of equipment at 349 substations has been completed, and there are 574,330 active installations in customers' homes.



## PROGRAM DESCRIPTION AND PROGRESS

### **Program Title: Duct System Testing and Repair Program**

**Program Description:** A program designed to identify air conditioning duct system leaks and have qualified contractors repair those leaks.

**Program Accomplishments for April 1998 through December 1998:** During this period 18,133 installations were completed. The estimate for this period was 24,145 installations.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$4,005,801 or \$1,593,500 less than projected due to fewer installations and the average incentive cost per installation being lower than anticipated.

**Program Progress Summary:** Program inception to date, 242,892 installations have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Residential Air Conditioning Program**

**Program Description:** A program designed to provide financial incentives for residential customers to purchase a more efficient unit when replacing an existing air conditioning system.

**Program Accomplishments for April 1998 through December 1998:** During this period 62,959 installations were completed. The estimate for this period was 60,240 installations.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$13,593,708 or \$345,096 less than projected. This program is deemed on target with a less than three-percent variance.

**Program Progress Summary:** Program inception to date, 423,773 installations have been completed.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title: General Service Load Management Program ("Business On Call")**

**Program Description:** This program is designed to offer voluntary load control of central air conditioning to customers in the GS-1 rate class.

**Program Accomplishments for April 1998 through December 1998:** During this period 1,847 installations were completed. The estimate for this period was 1,952 installations.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$2,239,990 or \$166,625 more than projected. This program is deemed on target with an eight-percent variance.

**Program Progress Summary:** Program inception to date, total reduction is 15.6 MW and 9,281 installations.

## **PROGRAM DESCRIPTION AND PROGRESS**

### **Program Title: Cogeneration and Small Power Production**

**Program Description:** A program intended to facilitate the installation of cogeneration and small power production facilities.

**Program Accomplishments for April 1998 through December 1998:** FPL received 890 MW of firm capacity at time of system peak and 4,569 GWh of purchase power. Eight firm and seven as-available power producers participated. The estimate for the period was expected to include 885.6 MW of firm capacity at time of system peak and 5,625.4 GWh of purchase power.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$2,481,489 or \$796,016 more than projected due to higher than anticipated legal costs related to three projects.

**Program Progress Summary:** Total MW under contract (facility size) is 885.6 MW of which 885.6 MW is committed capacity.

Docket No. 990002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(LMB-1)  
Schedule CT-6  
Page 8 of 29

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Commercial/Industrial Efficient Lighting

**Program Description:** A program designed to encourage the installation of energy efficient lighting measures in commercial/industrial facilities.

**Program Accomplishments for April 1998 through December 1998:** During this period total reduction was 11,746.80 kW. The estimate for this period was 12,211.55 kW.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$2,386,645 or \$4,541 more than projected. This program is deemed on target with a less than one-percent variance.

**Program Progress Summary:** Program to date, total reduction is 192,956.59 kW.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Commercial/Industrial Load Control**

**Program Description:** A program designed to offer voluntary load control to commercial/industrial customers with a controllable load of 200 kW or more.

**Program accomplishments for April 1998 through December 1998:** During this period the demand reduction capability from program participants was a total of 446.1 MW at the generator. The target reduction for the period was 444 MW at the generator.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$21,135,996 or \$1,375,327 more than projected due to incentive greater than anticipated due to over-achievement driving sign-ups to occur earlier in the year than planned.

**Program Progress Summary:** Program to date, participation in this program totals 446.1 MW at the generator. As requested in Docket No. 881106-EI, Order No. PSC-92-0687-FOF-EI, Page 10 of 29 lists the customers that transferred from CILC rate to a firm rate during this period.

**Customers that transferred from C/I Load Control Rate to a Firm Rate**

**During the Period: April 1998 through December 1998**

<u>Customer Name</u>	<u>Effective Date</u>	<u>Firm Rate</u>	<u>Remarks</u>
Customer No. 1	6/1/98	RTP	Customer made changes to his operation. Mostly operating off-peak. Real Time Pricing rate more beneficial.
Customer No. 2	8/7/98	GSD-1	Customer's generator needs major repairs. Customer in bankruptcy. Temporarily suspended from CILC until repairs are completed.
Customer No. 3	9/14/98	GSD-1	Customer is replacing generators and switch gear. Temporarily unavailable for load control. Temporarily suspended CILC credits.
Customer No. 4	7/29/98	GSD-1	Customer is building new plant. Old plant being dismantled and load reduced. Load being transferred to new plant, which will be on CILC-1 rate.

Docket No. 990002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(LMB-1)  
Schedule CT-6  
Page 11 of 29

## PROGRAM DESCRIPTION AND PROGRESS

### **Program Title: Business Energy Evaluation**

**Program Description:** This program is designed to provide a free evaluation of commercial and industrial customers' existing and proposed facilities and encourage energy efficiency by identifying DSM opportunities and providing recommendations to the customer.

**Program Accomplishments for April 1998 through December 1998:** During this period 4,068 energy evaluations were completed. The estimate for this period was 3,835 energy evaluations.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$1,343,729 or \$308,777 more than projected due to underestimating advertising expenses in the projection.

**Program Progress Summary:** Program inception to date, 44,025 energy evaluations have been completed.



## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: C/I Heating, Ventilating and Air Conditioning Program**

**Program Description:** A program designed to reduce the current and future growth of coincident peak demand and energy consumption of commercial and industrial customers by increasing the use of high efficiency, ventilating and air conditioning (HVAC) systems.

**Program accomplishments for April 1998 through December 1998:** During this period total demand reduction was 12,730.05 kW. The estimate for this period was 13,047.33 kW.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$3,253,796 or \$153,145 less than projected. This program is deemed on target with a less than five-percent variance.

**Program Progress Summary:** Program inception to date, total reduction is 122,311.48 kW.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** C/I Off Peak Battery Charging Program

**Program Description:** The objective of this program is to reduce the current coincident peak demand and the future growth of coincident peak demand by shifting the coincident kW load due to battery charging.

**Program accomplishments for April 1998 through December 1998:** During this period program total reduction was 119.2 kW. The estimate for the period was 167.60 kW.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$26,512 or \$1,953 more than projected. This program is deemed on target with a less than eight-percent variance.

**Program Progress Summary:** Program inception to date, total reduction is 2,881.8 kW.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: C/I Business Custom Incentive**

**Program Description:** A program designed to assist FPL's commercial and industrial customers achieve electric demand and savings cost-effective to all FPL customers. FPL will provide incentives to qualifying commercial and industrial customers who purchase, install and successfully operate cost-effective energy efficiency measures not covered by other FPL programs, which reduce electric demand or shift electric demand from summer peak.

**Program accomplishments for April 1998 through December 1998:** During this period program accomplishments included evaluating one project and finalizing one.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$16,195 or \$113,694 less than projected due to no projects implemented during this period.

**Program Progress Summary:** Program inception to date, 58 projects have been reviewed for eligibility and cost-effectiveness.

Docket No. 990002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(LMB-1)  
Schedule CT-6  
Page 15 of 29

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Commercial/Industrial Building Envelope Program

**Program Description:** A program designed to encourage eligible commercial and industrial customers to increase the efficiency of the qualifying portion of their building's envelope, which will reduce HVAC energy consumption and demand.

**Program accomplishments for April 1998 through December 1998:** During this period total reduction was 3,780 kW. The estimate for the period was 5,361.91 kW.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$2,267,596 or \$44,002 more than projected. This program is deemed on target with a less than two-percent variance.

**Program Progress Summary:** Program inception to date, total reduction is 13,620.70 kW.

Docket No. 990002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(LMB-1)  
Schedule CT-6  
Page 16 of 29

## PROGRAM DESCRIPTION AND PROGRESS

**Project Title: Demand Load Control Trial Project**

**Project Description:** This is a pilot project designed to offer voluntary load control to Dade and Broward GSD and GSLD rate customers that have air conditioning and/or other controllable equipment that can be equipped with FPL control equipment. The maximum customer participation for this project is 120 commercial and industrial rate customers.

**Project Accomplishments for April 1998 through December 1998:** During this period project accomplishments included completion of final report.

**Project Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$99,252 or \$17,333 more than projected. This project is complete.

**Project Progress Summary:** Field monitoring has been completed. Final report was submitted to the FPSC in July 1998, this project has been completed.

Docket No. 990002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(LMB-1)  
Schedule CT-6  
Page 17 of 29

## PROGRAM DESCRIPTION AND PROGRESS

**Project Title:** Residential Thermal Energy Storage Research Project

**Project Description:** A research project to determine feasibility of a program to offer incentives to residential customers to cool their homes with thermal energy storage.

**Project Accomplishments for April 1998 through December 1998:** During this period accomplishments included continued research of technical papers/journals and monitoring of any new developments in manufacturing technology.

**Project Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$14,210 or \$6,250 less than projected.

**Project Progress Summary:** No significant development of the technology has occurred during the current year.

## **PROGRAM DESCRIPTION AND PROGRESS**

**Project Title:** Cool Communities Research Project

**Project Description:** A research project designed to evaluate emerging conservation technologies to determine which are worthy of pursuing for program development and approval.

**Project accomplishments for April 1998 through December 1998:** During this period program accomplishments included creating a statistical regression model which produced preliminary estimates of energy savings from light colored roofs and tree shading in residential applications. Also, shade intensity in Florida as a function of position and tree height was developed.

**Project Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$47,599 or \$71,266 less than projected due to restructuring of the professional consulting company.

**Project Progress Summary:** The majority of the data analysis in Phase II of the R&D project was completed during this period. After the documentation of the methodology and findings is completed in 1999, FPL may pursue the next phase of research beginning with a small research contract with the Florida Solar Energy Center.

## PROGRAM DESCRIPTION AND PROGRESS

**Project Title: Residential Heat Pump Water Heating Research Project (HPWH)**

**Project Description:** This research project is intended to evaluate improvements to HPWH technology and equipment, its application, installation costs, customer acceptance as well as demand and energy savings.

**Project accomplishments for April 1998 through December 1998:** During this period project accomplishments included completion of final report.

**Project Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$11,496 or \$117,200 less than projected due to completion of the project.

**Project Progress Summary:** Final report was received in July 1998.



## PROGRAM DESCRIPTION AND PROGRESS

### **Program Title: Conservation Research & Development Program**

**Program Description:** A program designed to evaluate emerging conservation technologies to determine which are worthy of pursuing for program development and approval.

**Program Accomplishments for April 1998 through December 1998:** This period included the continuation of technology assessment of products/concepts for potential DSM opportunities. (See supplement for current concepts).

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$35,863 or \$285,976 less than projected due to delays in identifying specific technologies to evaluate. There have also been fewer requests than expected from outside parties to evaluate technologies in these areas.

**Program Progress Summary:** Program development is proceeding. Concepts have been identified and work is underway to select specific technologies for further evaluation.

**Supplement to Schedule CT-6  
 Conservation Research & Development (CRD) Activities**

<b><u>Technology Assessment</u></b>	<b><u>Description</u></b>	<b><u>Status</u></b>
Cooling Tower Enhancement	Phase II: Conduct field tests based on results from Phase I.	On hold.
Desiccant Enhanced Air Conditioning	Conduct field testing and meet with air conditioning manufacturers to commercialize.	Looking for commercial partners; waiting for results of FPL's solar-enhanced Desiccant A/C project.
HVAC Enhancements	Study the demand and energy impact of uncontrolled air-flow in commercial buildings. Evaluate the demand and energy impact of new HVAC technologies.	Identification of technologies underway.
Residential Building Envelope Technologies	Further investigation into reflective roof coating for demand and other insulating materials for demand and energy impacts will be conducted.	Identification of technologies underway.
Appliance Technologies	Evaluate appliance technologies such as front-load washing machines, refrigerators, ceiling fans and microwave clothes dryers for demand and energy impacts.	Identification of technologies underway.
UV-Filtration	Evaluate the potential demand and energy impacts for reducing make up air for commercial buildings by utilizing UV Filtration.	Research needs being considered.
Energy Management Technologies	Evaluate the demand and energy impacts of energy management systems in varying degrees of sophistication from manual controls to integrated home energy systems.	Identification of technologies underway.

## PROGRAM DESCRIPTION AND PROGRESS

**Project Title:** Natural Gas End-Use Technology Research & Development Program

**Project Description:** A research and development project designed to determine Florida-specific operating characteristics of natural gas end-use technologies; gas heat pump, gas engine-driven chillers, gas water heating, and gas desiccant-cooling.

**Project accomplishments for April 1998 through December 1998:** During this period accomplishments included completion of field monitoring for gas water heating, gas heat pump and gas engine driven chillers with the next step being data analysis by the contractor in preparation of the final report.

**Project Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$50,976 or \$144,561 less than projected due to lower than projected monitoring and analysis costs, as well as cost deferred from using sites that already had gas equipment installed.

**Project Progress Summary:** On December 17, 1998 FPL submitted the final report for the Gas Desiccant Cooling project. This technology did not prove cost-effective using the FPSC approved cost-effectiveness methodologies. Field monitoring is complete for the Gas Engine-Driven Chillers, Gas Engine-Driven Heat Pump, and the Gas Water-Heating projects. Final reports to be submitted in 1999.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** C/I Daylight Dimming Research Project

**Program Description:** A research and development project designed to assess the viability and feasibility of daylight dimming technology; compare the demand and energy reductions and cost differentials of daylight dimming systems to conventional lighting systems; discover and overcome potential barriers for the technology; quantify the cost effectiveness of the technology; test acceptance of the technology with architectural and engineering consultants; qualitatively assess customer acceptance of the technology; and conduct market research to determine target markets and expected penetrations.

**Program Accomplishments for the period April 1998 through December 1998:** During this period new lamps, ballasts and dimming equipment were installed in two office buildings, one in the north part of the state and one in the south part. Both sites have been monitored for the base line, and the dimming equipment has been activated for field monitoring.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$105,580 or \$7,714 more than projected. This project is deemed on target with a less than eight-percent variance.

**Program Progress Summary:** FPL requested and was granted on December 2, 1998, an extension of this project through August 1999.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** C/I New Construction Research Project

**Program Description:** The objective of this project is to identify cost-effective conservation opportunities in the commercial/industrial new construction market which would provide efficiencies beyond that required by the Florida Energy Efficiency Code.

**Program Accomplishments for the period April 1998 through December 1998:** During this period project accomplishments in Phase I included a literature search and the development of a baseline database from Energy Code Data; conducting trade ally surveys; developing a list of measures; and developing a preliminary baseline.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$218,987 or \$94,522 less than projected due to project being behind schedule. Discussions are underway with the contractor to determine how to catch up, or whether a deadline extension will be necessary.

**Program Progress Summary:** Phase I, including the accomplishments listed above and an analysis indicating that further work should be done, was completed in February 1999. Phase II and III are underway. Field surveys have been scheduled for approximately twenty buildings.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** Marketing Conservation Research & Development Program

**Program Description:** The objective of this program is to allow FPL, through an umbrella effort not requiring costly and time consuming research projects, to test alternative market strategies and communications efforts on existing DSM Program.

**Program Accomplishments for the period April 1998 through December 1998:** During this period, FPL completed an analysis of the On Call customer satisfaction research that was fielded in 1998. This research provides a more complete understanding of customer dropouts and customer satisfaction for the residential load control program when the program is activated. A new communication plan is being developed to address the unmet customer needs that were discovered in this research. FPL will also be investigating the relationship between communications, customer satisfaction and incentive levels, which may lead to a load control related MCRD project.

**Program Fiscal Expenditures for April 1998 through December 1998:** There were no program expenditures incurred resulting in a variance of \$444,101 less than anticipated due to delays in starting new research projects.

**Program Progress Summary:** FPL has continued to investigate additional potential MCRD projects that will examine the impacts of seasonal incentives for several of its DSM programs. Preliminary research plans are currently being developed.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** BuildSmart Program

**Program Description:** The objective of this program is to encourage the design and construction of energy-efficient homes that cost effectively reduce FPL's coincident peak load and customer energy consumption.

**Program Accomplishments for the period April 1998 through December 1998:** During this period program accomplishments included 168 homes for a total reduction of 160.2 kW. The estimate for this period was 389 kW.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures (net of revenues) were \$614,708 or \$237,815 more than projected due to less program revenues received than anticipated.

**Program Progress Summary:** Program inception to date, total reduction is 243.35 kW and 258 homes.

## **PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** Green Pricing Research & Development Project

**Program Description:** The objective of this project is to test FPL customer response to a Green Pricing initiative. FPL will solicit contributions from customers to be used to purchase, install, maintain and operate photovoltaic (PV) modules on FPL's system.

**Program Accomplishments for the period April 1998 through December 1998:** During this period program accomplishments included completion of the marketing and solicitation phases of this project.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$141,471 or \$112,569 less than projected due to timing of expenditures.

**Program Progress Summary:** Customer contributions for this project will be used to purchase, install, maintain and operate photovoltaic (PV) modules on FPL's system. Contributions for this project have been in excess of \$89,000, with the construction phase scheduled for completion in June 1999.



## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** C/I Solar Desiccant Research Project

**Program Description:** The objective of this project is to research the potential demand and energy savings associated with, and the cost-effectiveness of a hybrid solar desiccant dehumidification system combined with a traditional cooling system.

**Program Accomplishments for the period April 1998 through December 1998:** During this period the Solar Energy and Energy Conversion Laboratory (SEECL) at the University of Florida modeled the theoretical performance of a solar-assisted hybrid liquid desiccant air conditioning. SEECL also developed a solar-assisted hybrid liquid desiccant air conditioning system and began laboratory tests on the system.

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$47,508 or \$2,981 more than projected. This project is deemed to be on target with a less than seven-percent variance.

**Program Progress Summary:** The SEECL model indicated that for certain types of C/I buildings the concept might be suitable for commercial use in Florida. Laboratory tests have indicated that triethylene glycol is unsuitable for use as a desiccant because excessive glycol vapors escape from the system. Tests have been restarted with a lithium chloride desiccant.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** Common Expenses

**Program Description:** Expenses common to all programs.

**Program Accomplishments:** N/A

**Program Fiscal Expenditures for April 1998 through December 1998:** Total expenditures were \$8,578,753 or \$292,266 less than projected. This program is deemed on target with a less than three-percent variance.

**Program Progress Summary:** N/A

**APPENDIX A**



**THE POWER TO IMPROVE  
YOUR BUSINESS™**

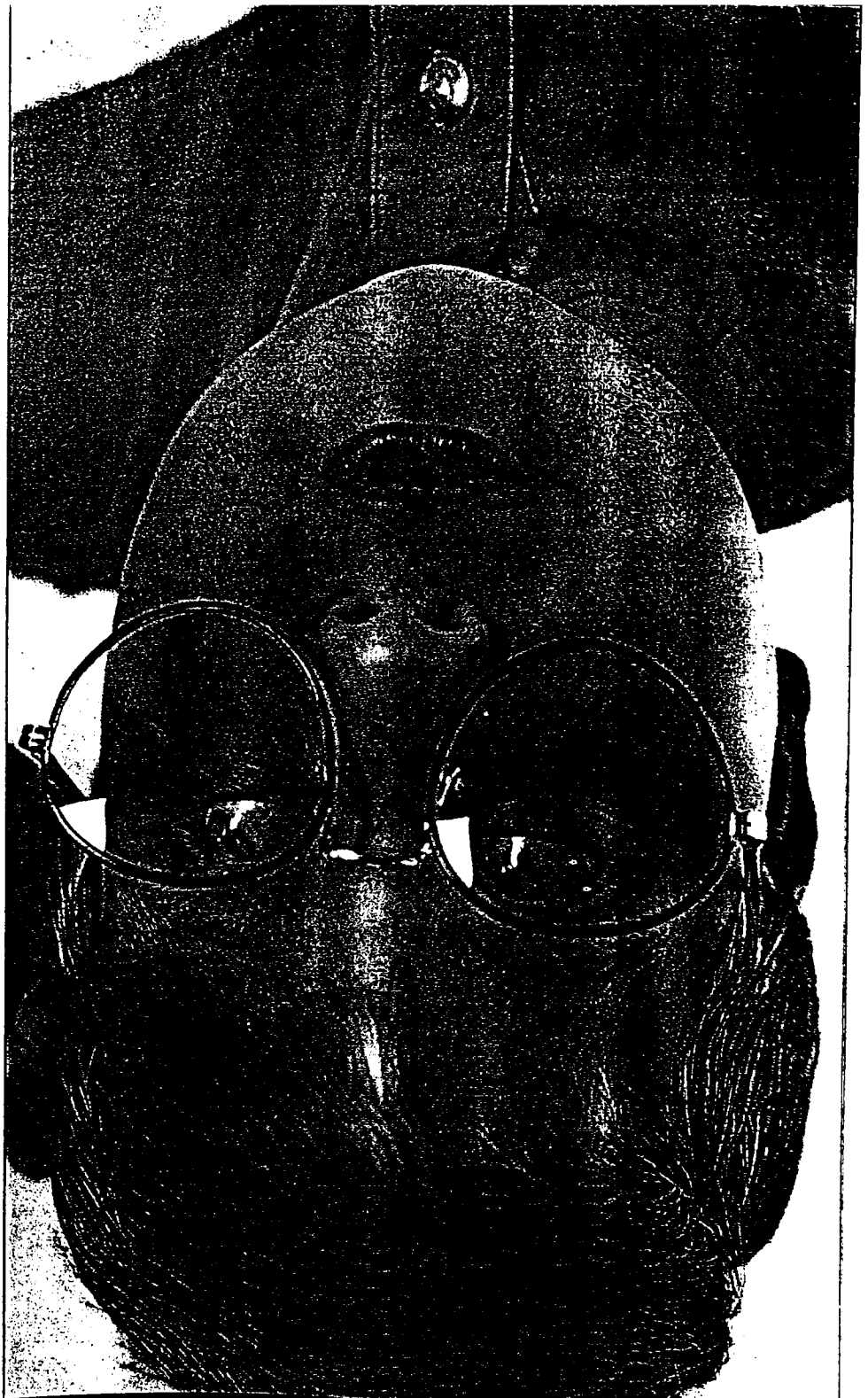
**ANSWER:** \$4,600 per month.

This figure was arrived at by performing a full lighting upgrade.

By replacing the fluorescent, 40 watt lamps and magnetic ballasts with 32 watt lamps and electronic ballasts.

By retrofitting "exit" signs and incandescent downlights with compact fluorescent lamps. And by multiplying the original monthly energy bill x  $\frac{8}{100}$ . Learn what

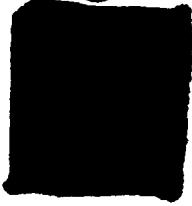

Florida Power & Light can do for you. Call 1-800-FPL-5566 for a free Business Energy Evaluation.



**IF FPL HELPED FOUR ST. LUCIE COUNTY SCHOOLS CUT THEIR ENERGY BILL BY 8% AND THEIR ENERGY BILL WAS \$57,500 PER MONTH, HOW MUCH MONEY IS FPL HELPING THE FOUR ST. LUCIE COUNTY SCHOOLS SAVE?**

St. Lucie County Schools

Savings Calculated on Comparison of Energy Usage using same effective rates.

	Before Retrofit	After Retrofit
	9/26/95 to 8/23/96	9/24/96 to 8/25/97
	(A)	(B)
1 School #1		
2 School #2		
3 School #3		
4 School #4		
Annual Cost	\$692,332	\$636,989
Monthly Cost	\$57,694*	\$53,082
Average Monthly Savings:	\$4,612*	
Percentage Savings:	8%	

See Pages 1-C through 1-J for details.

\* numbers rounded for presentation

RATE ANALYSIS

1  
2  
3  
4  
 OM BILL COMPARISON 09/19/97 1228.16  
 12/14/87  
 LUCIE CO BPI PH

This Rate Analysis is based on  
 Past Rates of: 4-1997, 4-1996 AND 10-1996

5  
6

MAXIMUM DEMAND	
PRESENT FIRM KWD	

last revised 10/25/1997

DATE	DAYS	FRAN	(A) TOT KWH	(B) ON PK KWH	(C) ACTUAL KWD	(D) ON PK KWD	(E) BILL KWD	CURT/FIRM	(F) ACTUAL AMT	(G) PRESENT RATE (72) OSD-1	PROPOSED RATE (72) OSD-1
8/23/98	30	1650									
7/25/98	29	1650									
6/25/98	32	1650									
5/24/98	29	1650									
4/25/98	29	1650									
3/27/98	29	1650									
2/27/98	29	1650									
1/29/98	32	1650									
12/28/95	31	1650									
11/27/95	33	1650									
10/25/95	29	1650									
9/26/95	32	1650									

19

\$0.074 / KWH	\$0.074 / KWH
YRLY \$ SAVINGS:	\$0.00
YRLY % SAVINGS:	0%

Facility Rental Charge is included!

RATE ANALYSIS

1 IICOM BILL COMPARISON 09/19/97 12:26:15  
 2 [REDACTED] 12/14/97  
 3 [REDACTED]  
 4 [REDACTED]

This Rate Analysis is based on  
 Past Rates of: 4-1997, 4-1996 AND 10-1996

5  
6

MAXIMUM DEMAND	[REDACTED]
PRESENT FIRM KWD	[REDACTED]

7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18

DATE	DAYS	FRAN	(A) TOT KWH	(B) ON PK KWH	(C) ACTUAL KWD	(D) ON PK KWD	(E) BILL KWD	CURT/FIRM	(F) ACTUAL AMT	(G) PRESENT RATE (72) OSD-1	PROPOSED RATE (72) OSD-1
8/25/97	31	1850	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
7/25/97	30	1850	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
6/25/97	32	1850	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
5/27/97	29	1850	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
4/25/97	29	1850	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
3/27/97	29	1850	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
2/26/97	30	1850	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
1/27/97	32	1850	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
12/26/98	34	1850	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
11/22/98	30	1850	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
10/23/98	29	1850	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
9/24/98	32	1850	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]

last revision 8/25/1997

19

\$0.00 / KWH	\$0.08 / KWH
YRLY \$ SAVINGS:	\$0.00
YRLY % SAVINGS:	0%

Facility Rental Charge is included!

13691 → 13.57¢

RATE ANALYSIS

1 BCOM BILL COMPARISON 09/19/97 12:18:24  
 2 01/11/89  
 3 ST LUCIE CO. BIL. PH. ( ) C

This Rate Analysis is based on  
 Past Rates of: 4-1997, 4-1996 AND 10-1996

4  
5

MAXIMUM DEMAND	
PRESENT FIRM KWD	

6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17

DATE	DAYS	FRAN	(A) TOT KWH	(B) ON PK KWH	(C) ACTUAL KWD	(D) ON PK KWD	(E) BILL KWD	CURT/FIRM	(F) ACTUAL AMT	(G) PRESENT RATE (02) QSLD-1	PROPOSED RATE (02) QSLD-1
8/22/96	29	1650									
7/24/96	30	1650									
6/24/96	32	1650									
5/23/96	29	1650									
4/24/96	29	1650									
3/26/96	29	1650									
2/26/96	31	1650									
1/26/96	30	1650									
12/27/95	33	1650									
11/24/95	31	1650									
10/24/95	29	1650									
9/25/95	32	1650									

last revision 07/25/1997

18

\$0.063 / KWH	\$0.063 / KWH
YRLY \$ SAVINGS:	\$0.00
YRLY % SAVINGS:	0%

Facility Rental Charge is included!



RATE ANALYSIS

1 BICOM BILL COMPARISON 09/19/97 12:16:35  
 2 [REDACTED] 01/11/89 [REDACTED]  
 3 ST LUCIE CO BPI PH ( ) C  
 [REDACTED]

This Rate Analysis is based on  
 Past Rates of: 4-1997, 4-1996 AND 10-1996

4

MAXIMUM DEMAND	[REDACTED]
PRESENT FIRM KWD	[REDACTED]

6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17

DATE	DAYS	FRAN	(A) TOT KWH	(B) ON PK KWH	(C) ACTUAL KWD	(D) ON PK KWD	(E) BILL KWD	CURT/FIRM	(F) ACTUAL AMT	(G) PRESENT RATE (62) OSLD-1	(H) PROPOSED RATE (62) OSLD-1
8/22/97	29	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
7/24/97	30	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
6/24/97	32	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
5/23/97	29	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
4/24/97	29	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
3/26/97	29	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
2/25/97	32	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
1/24/97	32	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
12/23/96	32	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
11/21/96	30	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
10/22/96	29	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]
9/23/96	32	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]

last revision 09/25/1997

18

\$0.064 / KWH	\$0.064 / KWH
YRLY \$ SAVINGS:	\$0.00
YRLY % SAVINGS:	0%

Facility Rental Charge is included!

14231

590

RATE ANALYSIS

BCOM BILL COMPARISON 09/19/97 12:08:55  
 01/10/75  
 ST LUCIE CO BPI PH ( ) C

This Rate Analysis is based on  
 Past Rates of: 4-1997, 4-1996 AND 10-1996

4	MAXIMUM DEMAND	
5	PRESENT FIRM KWD	

last revision 6/25/1997

1  
2  
3  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17

DATE	DAYS	FRAN	(A) TOT KWH	(B) ON PK KWH	(C) ACTUAL KWD	(D) ON PK KWD	(E) BILL KWD	(F) CURT/FIRM	(F) ACTUAL AMT	(G) PRESENT RATE (73)080-1	(G) PROPOSED RATE (73)080-1
8/7/96	29	1650									
7/9/96	32	1650									
6/7/96	30	1650									
5/8/96	29	1650									
4/9/96	29	1650									
3/11/96	31	1650									
2/9/96	31	1650									
1/10/96	32	1650									
12/8/95	31	1650									
11/7/95	29	1650									
10/9/95	31	1650									
9/8/95	30	1650									

18

\$0.079 / KWH	\$0.079 / KWH
YRLY \$ SAVINGS:	\$0.00
YRLY % SAVINGS:	0%

Facility Rental Charge is included!

RATE ANALYSIS

1 UCOM BILL COMPARISON 09/19/97 12-05-26  
 2 ST. LUCIE CO BIP PH ( ) C 01/10/75  
 3

This Rate Analysis is based on  
 Past Rates of: 4-1997, 4-1996 AND 10-1996

4 5

MAXIMUM DEMAND	[REDACTED]
PRESENT FIRM KWD	[REDACTED]

(G) last revision 06/25/1997

DATE	DAYS	FRAN	(A) TOT KWH	(B) ON PK KWH	(C) ACTUAL KWD	(D) ON PK KWD	(E) BILL KWD	(F) CURT/FIRM	(F) ACTUAL AMT	(G) PRESENT RATE (72) QSD-1	PROPOSED RATE (72) QSD-1
6 8/7/97	29	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
7 7/9/97	30	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
8 6/9/97	32	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
9 5/8/97	29	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
10 4/9/97	29	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
11 3/11/97	32	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
12 2/7/97	30	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
13 1/8/97	33	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
14 12/6/96	31	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
15 11/5/96	29	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
16 10/7/96	31	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
17 9/6/96	30	1650	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

18

\$0.08 / KWH	\$0.08 / KWH
YRLY \$ SAVINGS:	\$0.00
YRLY % SAVINGS:	0%

Facility Rental Charge is included!

14245 (1590)

RATE ANALYSIS

INCOM BILL COMPARISON 09/19/97 12:22:15  
 09/12/91  
 ST LUCIE CO BPI PH

This Rate Analysis is based on  
 Past Rates of: 4-1997, 4-1996 AND 10-1996

5  
6

MAXIMUM DEMAND	
PRESENT FIRM KWD	

last revision: 1/25/1997

DATE	DAYS	FRAN	(A) TOT KWH	(B) ON PK KWH	(C) ACTUAL KWD	(D) ON PK KWD	(E) BILL KWD	CURT/FIRM	(F) ACTUAL AMT	(G) PRESENT RATE (62) GSLD-1	PROPOSED RATE (62) GSLD-1
8/8/96	29	1650									
7/10/96	30	1650									
6/10/96	32	1650									
5/9/96	29	1650									
4/10/96	29	1650									
3/12/96	29	1650									
2/12/96	32	1650									
1/11/96	31	1650									
12/11/95	33	1650									
11/8/95	29	1650									
10/10/95	29	1650									
9/11/95	32	1650									

19

\$0.073 / KWH	\$0.073 / KWH
YRLY \$ SAVINGS:	\$0.00
YRLY % SAVINGS:	0%

Facility Rental Charge is included

1 IICOM BILL COMPARISON 09/19/97 12:20:22  
 2 09/12/91  
 3 ST LUCIE CO BPI PH  
 4

This Rate Analysis is based on  
 Past Rates of: 4-1997, 4-1996 AND 10-1996

5  
6

MAXIMUM DEMAND	
PRESENT FIRM KWD	

7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18

DATE	DAYS	FRAN	(A) TOT KWH	(B) ON PK KWH	(C) ACTUAL KWD	(D) ON PK KWD	(E) BILL KWD	(F) CURT/FIRM ACTUAL KWD	(G) PRESENT RATE (62) 08LD-1	last revised 6/25/1997 PROPOSED RATE (62) 08LD-1
8/8/97	30	1650								
7/10/97	30	1650								
6/10/97	31	1650								
5/9/97	29	1650								
4/10/97	29	1650								
3/12/97	30	1650								
2/10/97	32	1650								
1/9/97	33	1650								
12/9/96	31	1650								
11/8/96	29	1650								
10/8/96	29	1650								
9/9/96	32	1650								

19

\$0.083 / KWH	\$0.083 / KWH
YRLY \$ SAVINGS:	\$0.00
YRLY % SAVINGS:	0%

Facility Rental Charge is included!

13176 => 7%

**SARASOTA MEMORIAL'S NEW CHILLER SAVES  
15% ON COOLING, WHILE KEEPING THEIR DOCTORS'  
STETHOSCOPES NICE AND COLD.**



After over a decade on the job, Sarasota Memorial Hospital found their existing chiller just wasn't keeping things as cool as it used to. So Florida Power & Light was called in. To perform a chillerectomy. The hospital installed a new, high-efficiency, water-cooled system - a system that manages to keep temperatures lower, while using 15% less electricity. But don't take our word for it. Take the word of bare-skinned, Sarasota Memorial patients, who say, "YEEEEEEEEEEEEEEEEEEEEEEEEEEEEOW!"

To find out what FPL can do for you, call 1-800-FPL-5566 and ask for a free Business Energy Evaluation.

**THE POWER TO IMPROVE  
YOUR BUSINESS™**



[www.fpl.com](http://www.fpl.com)

an FPL Group company

### Sarasota Memorial Hospital

Average summer A/C load = 3422 tons (183 days)  
Average winter A/C load = 1500 tons (182 days)

#### Prior to change-out:

Summer:

183 X 24 = 4,392 Hours

1	Chiller # 5	█ hours	█ Tons
2	Chiller # 6	█ hours	█ Tons
3	Chiller # 7	█ hours	█ Tons

Usage:

4	█
5	= █
6	= █
7	Ton hours = █

Winter:

182 X 24 = 4,368 Hours

8	Chiller # 3	█ hours	█ Tons
9	Chiller # 4	█ hours	█ Tons
10	Chiller # 5	█ hours	█ Tons

Usage:

11	█
12	= █
13	= █
14	Ton hours = █

15	Total usage	= █ kWh
16	Total ton hours	= █
17	Average kW/ton	= █

#### After chiller #4 change-out:

Summer:

183 X 24 = 4,392 Hours

18	Chiller # 2	█ hours	█ Tons
19	Chiller # 3	█ hours	█ Tons

1 Chiller # 4 [redacted] hours [redacted] Tons  
2 Chiller # 5 [redacted] hours [redacted] Tons

Usage:

3 [redacted]  
4 = [redacted]  
5 = [redacted]  
6 Ton hours = [redacted]

Winter:

182 X 24 = 4,368 Hours

7 Chiller # 2 [redacted] hours [redacted] Tons  
8 Chiller # 3 [redacted] hours [redacted] Tons  
9 Chiller # 4 [redacted] hours [redacted] Tons  
10 Chiller # 5 [redacted] hours [redacted] Tons

Usage:

11 [redacted]  
12 = [redacted]  
13 = [redacted]  
14 Ton hours = [redacted]

15 Total usage = [redacted] kWh  
16 Total ton hours = [redacted]  
17 Average kW/ton = [redacted]

18 Energy reduction = [redacted]



# FPL CHILLER TEST REPORT

DATE: 9/30/92

CUSTOMER NAME: Sarasota Memorial Hospital - Central Energy Center

ADDRESS: \_\_\_\_\_

**TEST INSTRUMENT DATA:**

INSTRUMENT	TYPE	CALIBRATION DATE	CALIBRATION E
Flowmeter	Armstrong APDH 135/60' gauge	8/17/92	2/17/92
Thermometer	40° - 300°	8/17/92	2/17/92
Ammeter	Carrier Chiller	8/1/92	2/1/92
Voltmeter	Carrier Chiller	8/1/92	2/1/92
Wattmeter	N/A	NA	NA
P.F. Meter	NA	NA	NA

**NAME PLATE DATA:** (if available) (A)

- 2 Chiller Manufacturer \_\_\_\_\_
- 3 Chiller Type \_\_\_\_\_
- 4 Model Number \_\_\_\_\_
- 5 Serial Number \_\_\_\_\_
- 6 Year Built (or estimated age) \_\_\_\_\_

**TEST RESULTS:** (B)

- 7 CHWS \_\_\_\_\_ F = 10.8
- 8 CHWR \_\_\_\_\_ F
- 9 Delta P \_\_\_\_\_ PSID
- 10 Flowrate \_\_\_\_\_ GPM
- 11 Tonnage \_\_\_\_\_ Tons....Tons = (GPM \* Delta T) / 24
- 12 CWS \_\_\_\_\_ F
- 13 OWR \_\_\_\_\_ F
- 14 Delta P \_\_\_\_\_ PSID
- 15 Flowrate \_\_\_\_\_ GPM

**POWER INPUT DATA:** (C)

- 16 Volts \_\_\_\_\_
- 17 Ampe \_\_\_\_\_
- 18 P.F. \_\_\_\_\_
- 19 KW \_\_\_\_\_

Nameplate Volts \_\_\_\_\_ (D)  
 Nameplate Ampe \_\_\_\_\_  
 Nameplate Phase \_\_\_\_\_  
 $KW = (V * A * 1.73 * PF) / 1000$

20 **CALCULATED EFFICIENCY:** \_\_\_\_\_

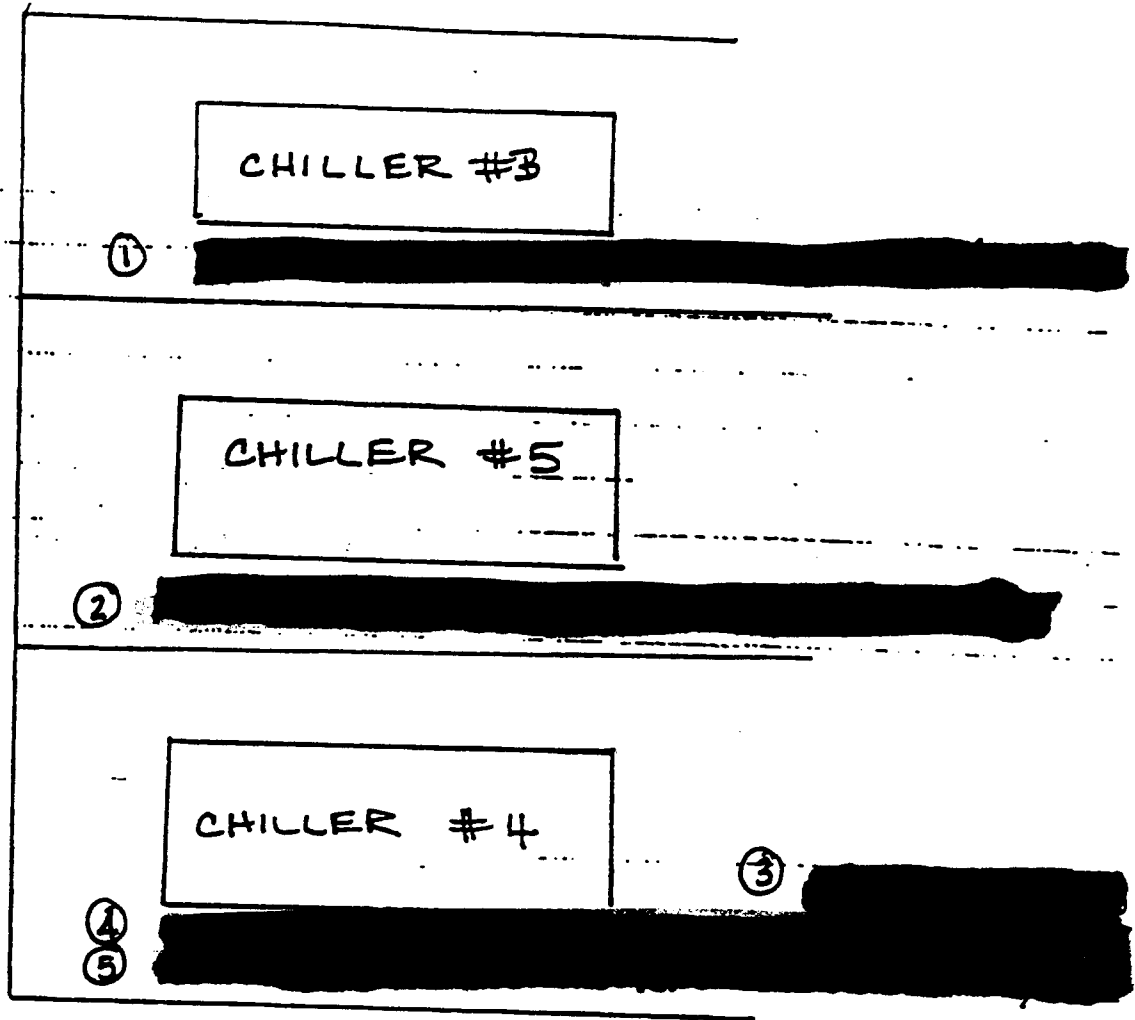
KW/Ton  
 (measured KW / calcolated tonnage)

21 TEST CONDUCTED BY: \_\_\_\_\_

22 OF: \_\_\_\_\_ DATE: 9/30/92

23 CERTIFIED CORRECT BY: \_\_\_\_\_

24 OF: \_\_\_\_\_ DATE: 10/5/92



**MOTOROLA IS SAVING \$225,000 THIS YEAR.  
HERE'S HOW TO FOLLOW IN THEIR FOOTSTEPS.**



One of the quickest and easiest ways to dramatically reduce overhead is directly over head.

It worked for Motorola. Their 600,000 square-foot Plantation facility is saving almost a quarter of a million dollars annually, thanks to Facility Manager Chuck Cobb, who got Florida Power & Light's business energy experts involved.



But lighting was just the beginning of the savings for Motorola. FPL consulted with them on power issues and conducted energy audits which led to additional savings opportunities.

These energy-wise improvements are paying for themselves through reduced electric bills and FPL incentives. Similar improvements could pay off for you. Because we know lots of ways to save big companies big money. To find out more about our lighting program or other business energy services, just give us a call at 1-800-FPL-5566.

**THE POWER TO IMPROVE  
YOUR BUSINESS<sup>SM</sup>**



Motorola

1 The Motorola lighting retrofit covered [redacted] separate lighting projects. A summary  
2 of the [redacted] jobs is included below:

Job #	Date Completed	Cost to Customer	Savings	FPL Rebate
3 (A) [redacted]	9/17/93	(B) [redacted]	(C) [redacted]	(D) [redacted]
4 [redacted]	10/8/93	[redacted]	[redacted]	[redacted]
5 [redacted]	11/22/93	[redacted]	[redacted]	[redacted]
6 [redacted]	3/4/94	[redacted]	[redacted]	[redacted]
		SAVINGS:	\$206,158	

These savings are only attributable to the lighting retrofit and do not account for additional savings that the customer receives through the reduction of HVAC usage.

See Pages 3-C through 3-F for details.

Florida Power & Light Company  
 COMMERCIAL/INDUSTRIAL LIGHTING INCENTIVE CERTIFICATE  
 Form M&L (Non-Blocked) Rev. 12/92

NON-NEGOTIABLE  
 VOID AFTER 120 DAYS FROM  
 DATE OF FPL PRE-APPROVAL

JOB NUMBER  
 [REDACTED]

FPL CUSTOMER ACCOUNT INFORMATION						SELECT PAYEE: FPL VENDOR <input checked="" type="checkbox"/>		CUSTOMER <input type="checkbox"/>	
DIST	CYCLE	ROUTE	FOUO	T	C	FEDERAL TAX ID No. (If Employer/State)		CUSTOMER SOCIAL SECURITY No. (If not Employer/State)	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	
CUSTOMER/FACILITY BUILDING TYPE:						VENDOR NAME			
Name: MOTOROLA						[REDACTED]			
PHONE No:						VENDOR FPL (PMS) I.D.:			
[REDACTED]						[REDACTED]			
Address:						Address:			
[REDACTED]						[REDACTED]			
City: PLANTATION FL 33322						City: [REDACTED]			

4  
5  
6  
7  
8

AREA/SYSTEM 1:

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE
EXISTING	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PROPOSED	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR <input checked="" type="checkbox"/>					

AREA/SYSTEM 2:

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE
EXISTING		1511	.190							
PROPOSED		1511	.106							
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR <input type="checkbox"/>					

AREA/SYSTEM 3:

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE
EXISTING										
PROPOSED										
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR <input type="checkbox"/>					

AREA/SYSTEM 4:

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE
EXISTING										
PROPOSED										
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR <input type="checkbox"/>					

DIRECT SALES

Pre-Approval No. JWH DATE 9/1/93

FPL INSPECTION No. VERCLUC DATE 9/17/93

CUSTOMER APPROVAL FOR INSTALLATION [REDACTED] DATE 9/1/93

CUSTOMER ACCEPTANCE OF INSTALLATION [REDACTED] DATE 9/16/93

This certifies that there has been a lighting kW Reduction at the above customer's Commercial/Industrial facility in accordance with the rules and regulations of the FPL Commercial and Industrial Lighting Program.

REMARKS

WO	ER	COMP	SEC	UC	LOCN CODE	EAC	AMOUNT	JOB No	VENDOR No
1790	91	000	02	0	085	769	[REDACTED]	[REDACTED]	[REDACTED]

AUTHORIZED FOR PAYMENT SEB DATE 9/16/93

Blanket Exception #009 Send Check To JULIE HANICE CBI/AOB  
 (PLEASE PRINT) Loan Systr - Bldg Code  
 Paid Through Working Fund Check No. \_\_\_\_\_

13  
14  
15

Florida Power & Light Company  
 COMMERCIAL/INDUSTRIAL LIGHTING INCENTIVE CERTIFICATE  
 Form 648-L (Non-Block) Rev. 12/92

NON-NEGOTIABLE  
 VOID AFTER 120 DAYS FROM  
 DATE OF FPL PRE-APPROVAL

JOB NUMBER: [REDACTED]

FPL CUSTOMER ACCOUNT INFORMATION						SELECT PAYEE: FPL VENDOR <input checked="" type="checkbox"/>		CUSTOMER <input type="checkbox"/>	
DIST	CYCLE	ROUTE	FOUO	T	C	CUSTOMER TAX ID No. (if not payee)		CUSTOMER SOCIAL SECURITY No. (if not payee)	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	
CUSTOMER/FACILITY BUILDING TYPE						VENDOR NAME			
Name: Motorola						[REDACTED]			
Address: [REDACTED]						[REDACTED]			
City: Plantation FL 33322						[REDACTED]			

5  
6  
7  
8  
9

AREA/SYSTEM 1: [REDACTED]

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE
EXISTING	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PROPOSED	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR <input checked="" type="checkbox"/>					

AREA/SYSTEM 2:

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE
EXISTING	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PROPOSED	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR <input type="checkbox"/>					

AREA/SYSTEM 3:

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE
EXISTING	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PROPOSED	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR <input type="checkbox"/>					

AREA/SYSTEM 4:

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE
EXISTING	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PROPOSED	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR <input checked="" type="checkbox"/>					

DIRECT SALE: UHOEWHT  
 [Signature] 9/1/93  
 RE-APPROVAL No. DATE  
 YESIE CALUPHCLH 10/9/93  
 INSPECTION CUS ID No. DATE

CUSTOMER APPROVAL FOR INSTALLATION: [Signature] 9/1/93  
 CUSTOMER ACCEPTANCE OF INSTALLATION: [Signature] 10/1/93

14  
15

This certifies that there has been a lighting kW Reduction at the above customer's Commercial/Industrial facility in accordance with the rules and regulations of the FPL Commercial and Industrial Lighting Program.

WO	ER	COMP	SEC	UC	LOCN CODE	EAC	AMOUNT	JOB No.	VENDOR No.
1790	91	000	02	0	085	769	[REDACTED]	[REDACTED]	[REDACTED]

18

ORDERED FOR PAYMENT DATE: [REDACTED]  
 Blanket Exception #009 Send Check To: JULIE HANCE CBI/AOB  
 Paid Through Working Fund Check No. [REDACTED]  
 (PLEASE PRINT) Loan Syms / Bldg Code

Florida Power & Light Company  
 COMMERCIAL/INDUSTRIAL LIGHTING INCENTIVE CERTIFICATE  
 Form 648-L (Non-Stocked) Rev. 12-92

NON-NEGOTIABLE  
 VOID AFTER 120 DAYS FROM  
 DATE OF FPL PRE-APPROVAL

JOB NUMBER  
 [REDACTED]

FPL CUSTOMER ACCOUNT INFORMATION

DIST	CYCLE	ROUTE	FOUO	T	C
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

CUSTOMER FACILITY BUILDING TYPE: manuf

Motorola [REDACTED] PHONE No. [REDACTED]

[REDACTED] State FL Zip Code 33322

Plantation City

SELECT PAYEE: FPL VENDOR  CUSTOMER

CUSTOMER TAX ID No. (if three per cent) [REDACTED]  
 CUSTOMER SOCIAL SECURITY No. (if four three per cent) [REDACTED]

VENDOR NAME [REDACTED]  
 VENDOR FPL CMS ID [REDACTED] PHONE No. [REDACTED]  
 Address [REDACTED]  
 City [REDACTED] State [REDACTED] Zip Code [REDACTED]

AREA/SYSTEM 1: [REDACTED]

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE
EXISTING	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PROPOSED	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR <input type="checkbox"/>					

AREA/SYSTEM 2: [REDACTED]

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE
EXISTING	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PROPOSED	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR <input type="checkbox"/>					

AREA/SYSTEM 3: [REDACTED]

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE
EXISTING	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PROPOSED	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR <input type="checkbox"/>					

AREA/SYSTEM 4: [REDACTED]

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE
EXISTING	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
PROPOSED	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR <input type="checkbox"/>					

DIRECT SALE  
J. Hance UHCEWLOH 9/1/93  
 FPL APPROVAL No. [REDACTED] DATE  
Yes - C. OUPMCLHC 11/22/93  
 FPL INSPECTION CUS ID No. [REDACTED] DATE (26)

CUSTOMER APPROVAL FOR INSTALLATION  [REDACTED] 9/1/93 18  
 DATE  
 CUSTOMER ACCEPTANCE OF INSTALLATION  [REDACTED] 11/22/93 19  
 DATE  
 This certifies that there has been a lighting kW Reduction at the above customers Commercial/Industrial facility in accordance with the rules and regulations of the FPL Commercial and Industrial Lighting Program.

[REDACTED] (21)  
 [REDACTED] (22)  
SEK 11-29-93  
 AUTHORIZED FOR PAYMENT DATE

WO	ER	COMP	SEC	UC	LOCN CODE	EAC	AMOUNT	JOB No.	VENDOR No.
1790	91	000	02	0	085	769	31,730 <sup>00</sup>	[REDACTED]	[REDACTED]

Blanket Exception #009 Send Check To Judie Hance GBI/AOB  
 (PLEASE PRINT)  
 Paid Through Working Fund Check No. [REDACTED] DATE

5  
6  
7  
8  
9  
11  
12  
13  
14  
15  
16  
17  
18  
19  
23

Florida Power & Light Company  
 COMMERCIAL/INDUSTRIAL LIGHTING INCENTIVE CERTIFICATE  
 Form 848-L (Plan-Blocked) Rev. 12/82

NON-NEGOTIABLE  
 VOID AFTER 120 DAYS FROM  
 DATE OF FPL PRE-APPROVAL

JOB NUMBER [REDACTED]					
FPL CUSTOMER ACCOUNT INFORMATION				SELECT PAYEE: FPL VENDOR <input checked="" type="checkbox"/> CUSTOMER <input type="checkbox"/>	
DIST	CYCLE	ROUTE	FOUO	T	C
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CUSTOMER/FACILITY BUILDING TYPE:				VENDOR NAME	
Name Motorola				[REDACTED]	
Address [REDACTED]				VENDOR BR. (FASLD)	
City Plantation				[REDACTED]	
State FL				[REDACTED]	
Zip Code 33322				[REDACTED]	

10 AREA/SYSTEM 1: [REDACTED]

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE	
11	EXISTING	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
12	PROPOSED	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR		<input checked="" type="checkbox"/>				

13 AREA/SYSTEM 2: [REDACTED]

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE	
4	EXISTING	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
5	PROPOSED	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR		<input checked="" type="checkbox"/>				

16 AREA/SYSTEM 3: [REDACTED]

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE	
8	EXISTING	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
9	PROPOSED	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR		<input checked="" type="checkbox"/>				

20 AREA/SYSTEM 4: [REDACTED]

	LIGHTING (CODE)	NUMBER of FIXTURES	KW per FIXTURE	TOTAL KW	ANNUAL OPER. HOURS	ANNUAL KWH SAV.	\$ COST OF SYSTEM	ANNUAL \$ SAVINGS	INCENTIVE \$/KW REDUC.	INCENTIVE	
2	EXISTING	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
3	PROPOSED	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
TOTAL KW REDUCTION				[REDACTED]	INCLUDES LABOR		<input checked="" type="checkbox"/>				

24  DIRECT SALES

PRE-APPROVAL No. [REDACTED] DATE 9/1/93 25

CUSTOMER APPROVAL FOR INSTALLATION [REDACTED] DATE 9/1/93 25

FPL INSPECTION No. [REDACTED] DATE 12/30/93 26

CUSTOMER ACCEPTANCE OF INSTALLATION [REDACTED] DATE 12/30/93 26

This certifies that there has been a lighting kW Reduction at the above customer's Commercial/Industrial facility in accordance with the rules and regulations of the FPL Commercial and Industrial Lighting Program.

27 [REDACTED]

WO	ER	COMP	SEC	UC	LOCN CODE	EAC	AMOUNT	CR No.	VENDOR No.
1790	91	000	02	0	085	769	[REDACTED]	[REDACTED]	[REDACTED]

28 CIL Jobs

29 [REDACTED]

29 [REDACTED]

Blanket Exception #009 Send Check To: Julie Hance CBI/AOB (PLEASE PRINT) Locn Symb / Bldg Code

Paid Through Working Fund Check No. \_\_\_\_\_



# beber/silverstein & partners

3361 s.w. third ave. miami, fl 33145 p 305.856.9800 f 305.854-7686

TV COPY

AS RECORDED

CLIENT: FPL  
TITLE: El Dorado Furniture - Savings  
PRODUCT: C/I TV

BOB: Hi, I'm Bob from FPL – we're here with Pedro Capo at El Dorado Furniture Boulevard.

PEDRO: Hi Bob.

BOB: What are your main concerns with energy issues?

PEDRO: Being such a big store-we have 60,000 square feet of showroom- efficiency was definitely one of the key issues here. We actually have done some retrofitting with the lighting system in all of our stores, and FPL came in and gave all they had to offer as far as savings is concerned. In this particular building, I can tell you because of the efficiency of the A/C units we have about \$1200 of savings a month.

ANNCR: Call (1-800-FPL-5566) for a free business energy evaluation.

BOB: Any other benefits?

PEDRO: Yeah, you get to be in a commercial.

# beber/silverstein & partners

3361 s.w. third ave. miami, fl 33145 p 305.856.9800 f 305.854-7686

RADIO COPY

AS RECORDED

CLIENT: FPL  
TITLE: El Dorado Furniture - Savings  
PRODUCT: C/I Radio

BOB: Hi, I'm Bob from FPL – we're here with Pedro Capo at El Dorado Furniture Boulevard.

PEDRO: Hi Bob, how are you?

BOB: Good, what are your main concerns with energy issues?

PEDRO: Well, actually efficiency, being such a big store, in such a big place-we have 60,000 square feet of showroom- and it's twenty-seven feet high. We have a lot of lighting. The lighting has to be perfect for the right mood for the right piece of furniture. If you don't have it right your not going to sell it. a lot of money. We actually have done some retrofitting with the lighting system in all of our stores, and it has given us excellent savings.

BOB: Wow.

PEDRO: A lot of money. In this particular building, I can tell you, we have put a super-high efficiency A/C unit. Because of the efficiency of the A/C units we have about \$1200 of savings a month.

ANNCR: FPL is helping businesses save big money. To find out how, call (1-800-FPL-5566) for a free business energy evaluation.

BOB: Any other benefits that you see since you've been at FPL?

PEDRO: Yeah, you get to be in a commercial.

BOB: Oh, that's good.

PEDRO: Call for your free business energy evaluation. 1-800-FPL-5566.

## El Dorado Furniture Ad

Savings are based on the combined effects of HVAC and lighting retrofits.

### HVAC

1 [REDACTED] DX units were installed. The combined kw reduction was [REDACTED]. The  
2 approximate monthly kwh is [REDACTED]. With operating hours of [REDACTED], this amounts  
3 to about [REDACTED]. This was calculated by:

Calculation:

4 The combined reduction of kw is [REDACTED] kw

5 [REDACTED]  
6 [REDACTED]  
7 [REDACTED]  
8 [REDACTED]

9 [REDACTED]  
10 [REDACTED]  
11 [REDACTED] savings /month for HVAC

### T8 Lighting

Calculation:

12 [REDACTED]  
13 [REDACTED]  
14 [REDACTED]  
15 [REDACTED]  
16 [REDACTED]

Savings come from:

17 [REDACTED]  
(excluding ballast factor) with factor savings is greater.

18 New operating lighting cost is [REDACTED]

19 Total savings is [REDACTED]

## HID Lighting

1 End result =   
2   
3

### Savings:

4 T8 change-out   
5 HID lighting  
6 HVAC

Total Combined Savings \$2,589.10 per month

Although the savings worked out to be more than \$2,500 a month, the customer felt comfortable in quoting a \$1,200 per month savings.

# beber/silverstein & partners

3361 s.w. third ave. miami, fl 33145 p 305.856.9800 f 305.854-7686

TV COPY

AS RECORDED

CLIENT: FPL  
TITLE: Augustan Wine - Savings  
PRODUCT: C/I TV

BOB: Hi, I'm Bob from FPL- we're here with Proal Perry at Augustan Wine Imports.

PROAL: Hi Bob.

BOB: What were some of the changes you made when you moved here to this warehouse?

PROAL: Well, the greatest enemy to wine is heat. So I contacted FPL to do an energy evaluation. The major change was to insulate the ceiling here. The incentive they offered lowered our cost in doing the insulation job.

BOB: What kind of savings are we looking at?

PROAL: We estimated that the savings would be in the 15-20% range.

BOB: Has it worked out that way?

PROAL: It sure has.

ANNCR: Call (1-800-FPL-5566) for a free business energy evaluation.

BOB: Life is a cabernet, ol' chum.

# beber/silverstein & partners

3361 s.w. third ave. miami, fl 33145 p 305.856.9800 f 305.854-7686

RADIO COPY

AS RECORDED

CLIENT: FPL  
TITLE: Augustan Wine - Savings  
PRODUCT: C/I Radio

BOB: Hi, I'm Bob from FPL- we're here with Proal Perry at Augustan Wine Imports.

PROAL: Hi Bob.

BOB: What were some of the changes you made when you moved here to this warehouse?

PROAL: Well, the greatest enemy to wine is heat, and it's shelf life is greatly extended if it's maintained at a proper temperature. When we moved into the warehouse, I knew I wanted to take measures to insulate it properly. So I contacted FPL to do an energy evaluation. The representative from FPL made recommendations, and the major change was to insulate the ceiling here. They offered a rebate which lowered our cost in doing the insulation job.

BOB: What kind of savings are we looking at on your cooling costs?

PROAL: We estimated that the savings would be in the 15-20% range.

BOB: Has it worked out that way?

PROAL: It sure has. And we've been very pleased with the savings.

ANNCR: FPL is saving small businesses big money. To find out how, call (1-800-FPL-5566) for a free business energy evaluation.

BOB: Well, the wine's not sitting here for long.

PROAL: No, hopefully not.

BOB: Life is a cabernet, ol' chum.

ANNCR: Call for your free business energy evaluation. 1-800-FPL-5566.

Augustan Wine Imports Inc.

FPL estimated the annual energy cost savings derived from this  
I installation to be [REDACTED] (see Page 5-D).

At that time, the customer expected this to represent 15 to 20% of his  
annual energy bill.

At the time of the insulation installation the customer was new to this  
location, so only two months of billing history was available.

**Commercial / Industrial Building Envelope Program**  
**Roof / Ceiling Insulation Worksheet**  
 (For Qualifying Roof / Ceiling Area Only)

Prepared For \_\_\_\_\_ Account Number [REDACTED] 1  
 Prepared By \_\_\_\_\_ Date \_\_\_\_\_  
 Proposed Insulation Type: (Circle One) Installation Cost (\$/ Sq. Foot) [REDACTED] 2  
 Roof (Rigid Board or Slabs) / Ceiling (Blown-In Batts or Sprayed) A  
 Added R-Value 30 Final Roof System R-Value \_\_\_\_\_  
 Area Description ALL Qualifying Area (Sq. Feet) [REDACTED] 3  
 Energy Charge [REDACTED] Demand Charge N/A Incentive (\$/Sq. Foot) 0.15 4  
 0



Qualifying Roof / Ceiling Area	Savings Factor	Billing Charges	
Annual Kwh = [REDACTED] / 1000 * B	<u>1538</u> (Table One, Kwh)	[REDACTED] * 1 = \$ [REDACTED] C	F 5
Summer Kwh = _____ / 1000 * B	_____ (Table One, Summer Kwh)	_____ * 7 = \$ <u>N/A</u> D	G
Winter Kwh = _____ / 1000 * B	_____ (Table One, Winter Kwh)	_____ * 5 = \$ <u>N/A</u> D	H

Total Annual Energy Cost Savings = \$ [REDACTED] 6  
 $J = (F + G + H)$

Simple Payback =  $\frac{\text{Installation Cost [REDACTED] A} - \text{Incentive [REDACTED] E}}{\text{Total Area [REDACTED] B}} \div \frac{\text{Annual Savings [REDACTED] C}}{\text{[REDACTED] D}} = \text{[REDACTED] Years} 7$



		Kwh	Summer Kwh	Winter Kwh
Roof Insulation	Add R-7.0 or Greater	1141	0.925	0.154
Roof Insulation	Add R-12.0 or Greater	1457	1.171	0.197
Ceiling Insulation	Add R-11.0 or Greater	1457	1.171	0.197
Ceiling Insulation	Add R-19.0 or Greater	1538	1.241	0.207

Note: KW and kWh savings amounts stated above are estimated only. Actual demand, energy and electric cost savings may vary.  
 All incentive amounts will be finalized on the actual installed products and will not be confirmed until post-approval.  
 Savings estimates are for a "typical" customer.



# beber/silverstein & partners

3361 s.w. third ave. miami, fl 33145 p 305.856.9800 f 305.854-7686

RADIO COPY

AS RECORDED

CLIENT: FPL  
TITLE: Salon 2000 - Savings  
PRODUCT: C/I Radio

BOB: Hi, I'm Bob from FPL-here with Lynn Proper at Salon 2000. How are you, Lynn?

LYNN: How are you, Bob.

BOB: What are some of the challenges you faced here opening your own business?

LYNN: The cooling of the salon. The salon was very hot- I called FPL and I asked them if they'd come out and take a look at the Salon.

BOB: What did FPL suggest?

LYNN: They said that the lights had to be changed. They were drawing 75 watts of electric a piece. It was creating such a oven effect in here.

BOB: So how did it turn out? Were they telling the truth, or what?

LYNN: They were telling the truth. The lights that FPL suggested I use had given me better light and more light. It's actually made the salon brighter. As soon as you went in and turned on the lights you could see that the shop remained cool.

LYNN: Monthly I save 20% on my cooling costs – Yearly I save \$775 dollars. Just on the lighting.

ANNCR: FPL is saving small businesses big money. To find out how, call (1-800-FPL-5566) for a free business energy evaluation.

BOB: I don't have a very famous face, but my hand is on camera a lot.

LYNN: You need a manicure.

BOB: I do?

ANNCR: Call for your free business energy evaluation. 1-800-FPL-5566

# beber/silverstein & partners

3361 s.w. third ave. miami, fl 33145 p 305.856.9800 f 305.854-7686

TV COPY

AS RECORDED

CLIENT: FPL  
TITLE: Salon 2000 - Savings  
PRODUCT: C/I TV

BOB: Hi, I'm Bob from FPL-here with Lynn Proper at Salon 2000.

LYNN: Hi Bob.

BOB: What are some of the challenges you faced here opening your own business?

LYNN: The cooling of the salon. The salon was very hot- I called FPL and I asked them if they'd come out and take a look at the Salon.

BOB: What did FPL suggest?

LYNN: They said that the lights had to be changed.

BOB: What kind of results did you see?

LYNN: Monthly I save 20% on my cooling costs – Yearly I save \$775 dollars.

ANNCR: Call (1-800-FPL-5566) for a free business energy evaluation.

BOB: I don't have a very famous face, but my hand is on camera a lot.

LYNN: You need a manicure.

BOB: I do?

LYNN: Yes, you do.

Salon 2000

The lighting retrofit savings for Salon 2000 was calculated as follows:

- 1 old [REDACTED]
- 2 new [REDACTED]
- 3 difference: [REDACTED]
- 4 \$ [REDACTED]
- 5 [REDACTED]
- 6 \*Salon 2000's average bill prior to the retrofit was [REDACTED] kwh/month or
- 7 [REDACTED] After the retrofit, comparable months bills have averaged [REDACTED]
- 8 an average monthly saving of [REDACTED]
- 9 This [REDACTED] represents a 20% savings.

\* See Page 6-D.

1  
 2  
 3

SVC Date	kwh <sup>(A)</sup>	Bill Amt <sup>(B)</sup>
6/12/98		
5/13/98		
4/14/98		
3/16/98		
2/12/98		
1/13/98		
12/11/97		
11/10/97		
10/10/97		
9/10/97		
8/11/97		
7/11/97		
6/11/97		
5/12/97		
4/11/97		
3/13/97		
2/11/97		
1/10/97		

Comparable months average bill post retrofit

[Redacted] (1) 4

Average bill prior to lighting retrofit

[Redacted] (2) 5

Average monthly bill savings - \$

[Redacted] 6

Average monthly bill savings - % of bill prior to retrofit

20% (3)/(2)

# beber/silverstein & partners

## RADIO COPY

CLIENT: FPL  
JOB NO.: HOME-M800  
TITLE: :60 BUILDSMART RADIO

DRIVER: [In background, over intercom]. Welcome ladies and gentlemen to the Homes On Parade tour. If everyone would have a seat, we'll be on our way.

SFX: [Air brakes. Bus pulling away.]

WIFE: Well, here we are. I hear some of these homes are really incredible.

HUSBAND: And REALLY expensive. I bet we couldn't even pay the property tax on some of these places.

WIFE: I know. Just let me fantasize for awhile then we can get back to House Hunting 101 tomorrow.

DRIVER: To the right is the Cash's mansion. 32 rooms, a full scale restaurant kitchen and an indoor driving range.

WIFE: Nice.

DRIVER: To your left is the Carlyle estate. 20 tons of marble, imported Spanish tile and an air-conditioned dog kennel.

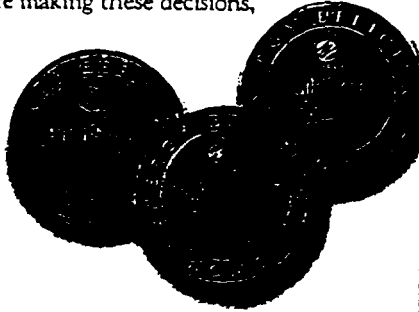
HUSBAND: Wow!

DRIVER: Their summer home. And off to your right is an FPL BuildSmart home. Energy efficient measures incorporated into the design. Savings of up to 30 percent on monthly air conditioning and water heating costs.

HUSBAND: Honey, look here. It says in the tour guide that we could even qualify for a more attractive mortgage if we choose a BuildSmart home because of their energy efficiency. All we have to do is call 1-800-DIAL-FPL for a free BuildSmart Resource Kit.

**Decisions. Decisions. Decisions.**

You've made the most important one - to buy a new home. Now... what color will you make the roof; do you want tile, carpet or both; what about the kitchen cabinets? While you're making these decisions, it's also the best time to build energy efficiency into your home. FPL can help... with BuildSmart.



**BuildSmart savings**

BuildSmart is FPL's program for energy-efficient home construction. FPL inspects and rates the efficiency of homes based on the State of Florida Energy Performance Index (EPI), awarding BuildSmart gold, silver and bronze certifications to homes that are progressively more energy-efficient than the state required EPI rating of 100. The lower the EPI, the less energy your home will use. The improved rating can be achieved through a variety of a home's components, such as HVAC system, insulation, windows, water heating and more.

BuildSmart Level	EPI rating	Monthly energy savings*
Gold	70 or below	30%
Silver	80-71	20%
Bronze	90-81	10%

\* Estimated savings based on air conditioning, heating and water heating energy costs over a home built to meet the state-required efficiency code. Actual savings will vary based on the quality of materials used, number of people in the home, lifestyle, house location and weather fluctuations.

Docket No. 990002-EG  
Exhibit No. \_\_\_\_\_  
Florida Power & Light Co.  
(LMB-2)  
Table of Contents  
Page 1 of 1

<u>Schedule</u>	<u>Prepared By</u>
C-1, Pages 1 - 3, of 3	Korel M. Dubin
C-2, Pages 1 - 3, of 7	Leonor M. Busto
C-2, Pages 4 - 7, of 7, Line 1	Leonor M. Busto
C-2, Pages 4 - 7, of 7, Lines 2 - 10	Korel M. Dubin
C-3, Pages 1a - 1e, of 10	Leonor M. Busto
C-3, Pages 2 - 4, of 10, Line 1	Leonor M. Busto
C-3, Pages 2 - 4, of 10, Lines 2 - 10	Korel M. Dubin
C-3, Pages 5 and 6, of 10	Leonor M. Busto
C-3, Pages 7 - 10, of 10	Korel M. Dubin
C-4, Page 1 of 1	Korel M. Dubin
C-5, Pages 1 - 28	Leonor M. Busto

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990002-EG EXHIBIT NO. 4  
COMPANY/ Busto  
WITNESS: \_\_\_\_\_  
DATE: 11-22-99

Energy Conservation Cost Recovery  
 Summary of ECCR Calculation  
 for the Period:  
**January 2000 through December 2000**

	<u>TOTAL COSTS</u>
1. Projected Costs (Schedule C-2, pg. 3, line 29)	166,266,451
2. True-up Over/(Under) Recoveries (Schedule C-3, pg 8, line 11)	<u>14,213,610</u>
3. Subtotal (line 1 minus line 2)	152,052,841
4. Less Load Management Incentives Not Subject To Revenue Taxes	<u>77,014,907</u>
5. Project Costs Subject To Revenue Taxes (line 3 minus line 4)	75,037,934
6. Revenue Tax Multiplier	1.01597
7. Subtotal (line 5 X line 6)	<u>76,236,290</u>
8. Total Recoverable Costs (line 7+ line 4)	<u>153,251,197</u>
<p>Costs are split in proportion to the current period split of demand-related (65.95%) and energy-related (34.05%) costs. The allocation of ECCR costs between demand and energy is shown on schedule C-2, page 2 of 7, and is consistent with the methodology set forth in Order No. PSC-93-1845-FOF-EG.</p>	
9. Total Cost	153,251,197
10. Energy Related Costs	52,182,033
11. Demand-Related Costs (total)	101,069,164
12. Demand costs allocated on 12 CP (Line 8/13 X 12)	93,294,613
13. Demand Costs allocated on 1/13 th (Line 8/13)	7,774,551



FLORIDA POWER & LIGHT COMPANY  
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
 JANUARY 2000 THROUGH DECEMBER 2000

Rate Class	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (kwh)	(3) Projected AVG 12 CP at Meter (kW)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (kwh)	(7) Projected AVG 12 CP at Generation (kW)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)
RS1	65.663%	45,775,979,675	7,958,163	1.087853533	1.070146277	48,986,994,225	8,657,316	53.48490%	58.46886%
GS1	68.507%	5,285,237,026	880,695	1.087853533	1.070146277	5,655,976,726	958,067	6.17530%	6.47049%
GSD1	79.960%	19,385,037,162	2,767,513	1.087742805	1.070049774	20,742,954,634	3,010,343	22.64754%	20.33093%
OS2	154.271%	22,436,583	1,660	1.054985802	1.044344811	23,431,529	1,752	0.02558%	0.01183%
GSLD1/CS1	79.899%	8,130,743,641	1,161,675	1.085995434	1.068671524	8,689,094,198	1,261,574	9.48691%	8.52029%
GSLD2/CS2	86.937%	1,321,076,743	173,468	1.080285711	1.064222691	1,405,919,846	187,395	1.53501%	1.26561%
GSLD3/CS3	88.868%	704,723,311	90,525	1.027701405	1.022816224	720,802,436	93,033	0.78699%	0.62831%
ISST1D	73.937%	1,481,171	229	1.087853533	1.070146277	1,585,070	249	0.00173%	0.00168%
SST1T	119.422%	100,278,926	9,586	1.027701405	1.022816224	102,566,912	9,851	0.11198%	0.06653%
SST1D	78.889%	54,386,732	7,870	1.065895599	1.051074226	57,164,492	8,389	0.06241%	0.05665%
CILC D/CILC G	90.893%	3,096,416,714	388,888	1.078162384	1.062672252	3,290,476,123	419,285	3.59260%	2.83172%
CILC T	99.482%	1,233,324,260	141,524	1.027701405	1.022816224	1,261,464,063	145,444	1.37729%	0.98228%
MET	67.719%	81,742,715	13,780	1.054985802	1.044344811	85,367,580	14,537	0.09321%	0.09818%
OL1/SL1/PL1	188.209%	449,319,366	27,253	1.087853533	1.070146227	480,837,424	29,647	0.52499%	0.20023%
SL2	101.128%	80,070,974	9,039	1.087853533	1.070146277	85,687,655	9,833	0.09356%	0.06641%
TOTAL		85,722,255,000	13,631,867			91,590,322,914	14,806,713	100.00%	100.00%

- (1) AVG 12 CP load factor based on actual calendar data
- (2) Projected kwh sales for the period January 2000 through December 2000
- (3) Calculated: Col (2) / 8760 hours X Col (1) ; 8760 hours = annual hours
- (4) Based on 1998 demand losses
- (5) Based on 1998 energy losses
- (6) Col (2) X Col (5)
- (7) Col (3) X Col (4)
- (8) Col (6) / total for Col (6)
- (9) Col (7) / total for Col (7)

Note: Totals may not add due to rounding.

FLORIDA POWER & LIGHT COMPANY  
 CALCULATION OF ENERGY CONSERVATION FACTORS  
 JANUARY 2000 THROUGH DECEMBER 2000

Rate Class	(1) Percentage of Sales at Generation (%)	(2) Percentage of Demand at Generation (%)	(3) Demand Allocation 12CP (\$)	(4) 1/13 th (\$)	(5) Energy Allocation (\$)	(6) Total Conservation Costs (\$)	(7) Projected Sales at Meter (kwh)	(8) Conservation Recovery Factor (\$/kwh)
RS1	53.48490%	58.46886%	\$54,548,292	\$4,158,211	\$27,909,509	\$86,616,012	45,775,979,675	0.00189
GS1	6.17530%	6.47049%	\$6,036,619	\$480,102	\$3,222,397	\$9,739,118	5,285,237,026	0.00184
GSD1	22.64754%	20.33093%	\$18,967,665	\$1,760,745	\$11,817,947	\$32,546,357	19,385,037,162	0.00168
OS2	0.02558%	0.01183%	\$11,036	\$1,989	\$13,350	\$26,375	22,436,583	0.00118
GSLD1/CS1	9.48691%	8.52029%	\$7,948,968	\$737,565	\$4,950,464	\$13,636,997	8,130,743,641	0.00168
GSLD2/CS2	1.53501%	1.26561%	\$1,180,744	\$119,340	\$800,999	\$2,101,083	1,321,076,743	0.00159
GSLD3/CS3	0.78699%	0.62831%	\$586,184	\$61,185	\$410,665	\$1,058,034	704,723,311	0.00150
ISST1D	0.00173%	0.00168%	\$1,568	\$135	\$903	\$2,606	1,481,171	0.00176
SST1T	0.11198%	0.06653%	\$62,071	\$8,706	\$58,436	\$129,213	100,278,926	0.00129
SST1D	0.06241%	0.05665%	\$52,855	\$4,852	\$32,568	\$90,275	54,386,732	0.00166
CILC D/CILC G	3.59260%	2.83172%	\$2,641,843	\$279,309	\$1,874,693	\$4,795,845	3,096,416,714	0.00155
CILC T	1.37729%	0.98228%	\$916,418	\$107,078	\$718,698	\$1,742,194	1,233,324,260	0.00141
MET	0.09321%	0.09818%	\$91,597	\$7,246	\$48,637	\$147,480	81,742,715	0.00180
OL1/SL1/PL1	0.52499%	0.20023%	\$186,801	\$40,815	\$273,949	\$501,565	449,319,366	0.00112
SL2	0.09356%	0.06641%	\$61,954	\$7,274	\$48,819	\$118,047	80,070,974	0.00147
<b>TOTAL</b>			<b>\$93,294,613</b>	<b>\$7,774,551</b>	<b>\$52,182,033</b>	<b>\$153,251,197</b>	<b>85,722,255,000</b>	<b>0.00179</b>

(1) Obtained from Schedule C-1, page 2 of 3, Col (8)

(2) Obtained from Schedule C-1, page 2 of 3, Col (9)

(3) Total from C-1, page 1, line 12 X Col (1)

(4) Total from C-1, page 1, line 13 X Col (1)

(5) Total from C-1, page 1, line 10 X Col (1)

(6) Total Conservation Costs

(7) Projected kwh sales for the period January 2000 through December 2000, From C-1 Page 2, Total of Column 2

(8) Col (6) / (7)

Note: Totals may not add due to rounding.

**CONSERVATION PROGRAM COSTS**  
**January 2000 through June 2000 Projection**

Program Title	January	February	March	April	May	June	Sub-Total (6 Mo.)
1. Residential Conservation Service Program	\$ 977,438	\$ 885,513	\$ 1,036,094	\$ 905,378	\$ 852,380	\$ 848,628	\$ 5,505,431
2. Residential Building Envelope Program	148,419	143,864	148,241	182,221	182,221	181,921	986,887
3. Residential Load Management ("On Call")	4,106,546	4,106,742	4,043,462	6,168,659	6,313,126	6,406,402	31,144,937
4. Duct System Testing & Repair Program	497,123	380,663	531,868	451,742	362,202	350,456	2,574,054
5. Residential Air Conditioning Program	790,577	769,332	1,194,988	1,177,540	1,177,040	1,718,812	6,828,289
6. GS Load Management ("Business On Call")	137,896	128,545	129,994	214,767	235,988	229,227	1,076,417
7. Cogeneration & Small Power Production	350,789	346,594	347,357	346,810	346,810	346,810	2,085,170
8. Commercial/Industrial Efficient Lighting	80,764	79,099	85,430	95,488	100,360	96,074	537,215
9. Commercial/Industrial Load Control	2,548,746	2,597,575	2,622,868	2,616,792	2,634,227	2,634,135	15,654,343
10. Business Energy Evaluation	382,298	406,552	476,022	412,448	418,961	468,417	2,564,698
11. C/I Heating, Ventilating & A/C Program	349,258	371,814	404,787	424,147	411,222	410,582	2,371,810
12. C/I Off Peak Battery Charging Program	1,201	1,052	1,077	1,052	1,052	1,072	6,506
13. Business Custom Incentive Program	1,933	241,841	1,933	2,649	1,933	61,888	312,177
14. C/I Building Envelope Program	94,008	83,121	130,423	434,891	288,749	113,497	1,144,689
15. Res. Thermal Energy Storage Research Proj.							0
16. Cool Communities Research Project	4,167	4,167	4,167	4,167	4,167	4,165	25,000
17. Res. Heat Pump Water Heating Research Project							0
18. Conservation Research & Development Program	49,876	49,766	49,876	50,722	49,876	49,820	299,936
19. Natural Gas End-Use Technology R&D Project							0
20. C/I Daylight Dimming Research Project							0
21. C/I New Construction Research Project	91,694	21,869	47,332	20,955	112,007	75,041	368,898
22. Marketing Conservation Research & Dev.							0
23. BuildSmart Program	158,659	124,590	157,730	129,644	126,844	285,900	983,367
24. Green Pricing Research & Development Project							0
25. C/I Solar Desiccant Research Project							0
26. Common Expenses	1,366,395	1,150,894	1,365,552	1,196,272	1,158,157	1,158,291	7,395,561
27. Total All Programs	<u>\$ 12,137,787</u>	<u>\$ 11,893,593</u>	<u>\$ 12,779,201</u>	<u>\$ 14,836,344</u>	<u>\$ 14,777,322</u>	<u>\$ 15,441,138</u>	<u>\$ 81,865,385</u>
28. LESS: Included in Base Rates	<u>143,949</u>	<u>105,387</u>	<u>146,027</u>	<u>112,827</u>	<u>108,263</u>	<u>108,730</u>	<u>725,183</u>
29. Recoverable Conservation Expenses	<u>\$ 11,993,838</u>	<u>\$ 11,788,206</u>	<u>\$ 12,633,174</u>	<u>\$ 14,723,517</u>	<u>\$ 14,669,059</u>	<u>\$ 15,332,408</u>	<u>\$ 81,140,202</u>
Totals may not add due to rounding							

**CONSERVATION PROGRAM COSTS  
July 2000 through December 2000 Projection**

Program Title	July	August	September	October	November	December	Sub-Total (6 Mo.)	Total (12 Mo.)	Demand Costs	Energy Costs
1. Residential Conservation Service Program	\$ 989,971	\$ 842,968	\$ 841,128	\$ 874,378	\$ 902,968	\$ 842,196	\$ 5,293,609	\$ 10,799,040		\$ 10,799,040
2. Residential Building Envelope Program	186,620	181,721	181,721	143,956	143,956	143,952	981,926	1,968,813		1,968,813
3. Residential Load Management ("On Call")	6,539,144	6,432,887	6,717,871	6,779,099	4,764,763	4,610,399	35,844,163	66,989,100	66,989,100	
4. Duct System Testing & Repair Program	381,086	283,277	266,196	253,746	253,246	257,377	1,694,928	4,268,982		4,268,982
5. Residential Air Conditioning Program	1,842,017	1,820,081	1,388,435	1,388,435	1,244,553	668,026	8,351,547	15,179,836		15,179,836
6. GS Load Management ("Business On Call")	232,463	234,637	237,539	240,243	138,277	138,456	1,221,615	2,298,032	2,298,032	
7. Cogeneration & Small Power Production	351,277	347,029	347,029	346,811	346,810	346,802	2,085,758	4,170,928		4,170,928
8. Commercial/Industrial Efficient Lighting	97,153	95,488	95,574	94,669	92,757	92,894	568,535	1,105,750		1,105,750
9. Commercial/Industrial Load Control	2,643,218	2,640,303	2,604,097	2,615,279	2,629,180	2,629,788	15,761,865	31,416,208	31,416,208	
10. Business Energy Evaluation	436,322	406,325	409,254	413,024	417,713	435,413	2,518,051	5,082,749		5,082,749
11. C/I Heating, Ventilating & A/C Program	446,445	411,222	380,454	381,095	377,396	348,481	2,345,093	4,716,903		4,716,903
12. C/I Off Peak Battery Charging Program	1,196	1,047	1,079	1,052	1,052	1,078	6,504	13,010		13,010
13. Business Custom Incentive Program	1,933	1,933	1,888	1,933	1,888	1,933	11,508	323,685		323,685
14. C/I Building Envelope Program	113,599	271,250	374,002	206,417	190,567	187,560	1,343,395	2,488,084		2,488,084
15. Res. Thermal Energy Storage Research Proj.							0	0		0
16. Cool Communities Research Project	4,167	4,167	4,167	4,167	4,167	4,165	25,000	50,000		50,000
17. Res. Heat Pump Water Heating Research Project							0	0		0
18. Conservation Research & Development Program	49,876	49,876	49,820	49,876	49,820	49,876	299,144	599,080		599,080
19. Natural Gas End-Use Technology R&D Project							0	0		0
20. C/I Daylight Dimming Research Project							0	0		0
21. C/I New Construction Research Project	19,592	19,594	0	0	0	0	39,186	408,084		408,084
22. Marketing Conservation Research & Dev.							0	0		0
23. (a) BuildSmart Program	162,041	129,644	279,475	126,844	131,844	279,091	1,108,939	2,092,306		1,358,006
24. Green Pricing Research & Development Project							0	0		0
25. C/I Solar Desiccant Research Project							0	0		0
26. Common Expenses	1,353,831	1,149,404	1,142,834	1,135,499	1,139,016	1,125,272	7,045,856	14,441,417	9,445,303	4,996,114
<b>27. Total All Programs</b>	<b>\$ 15,851,951</b>	<b>\$ 15,322,853</b>	<b>\$ 15,322,563</b>	<b>\$ 15,056,523</b>	<b>\$ 12,829,973</b>	<b>\$ 12,162,759</b>	<b>\$ 86,546,622</b>	<b>\$ 168,412,007</b>	<b>\$ 110,148,643</b>	<b>\$ 57,529,063</b>
28. LESS: Included in Base Rates	149,380	108,947	107,822	107,186	106,735	106,004	686,073	1,411,256	\$489,588	\$921,668
<b>29. Recoverable Conservation Expenses</b>	<b>\$ 15,702,571</b>	<b>\$ 15,213,906</b>	<b>\$ 15,214,741</b>	<b>\$ 14,949,337</b>	<b>\$ 12,723,238</b>	<b>\$ 12,056,755</b>	<b>\$ 85,860,549</b>	<b>\$ 167,000,751</b>	<b>\$ 109,659,055</b>	<b>\$ 56,607,396</b>
(a) Expenses in "Energy Cost" column are net of program revenues of (\$734,300) Totals may not add due to rounding										

**CONSERVATION PROGRAM COSTS**  
January 2000 through December 2000 Projection

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period
1. Residential Conservation Service Program	\$	\$ 3,985,391	\$ 111,312	\$ 1,604,000	\$ 4,524,996	\$	\$	\$ 573,341	\$ 10,799,040	\$	\$ 10,799,040
2. Residential Building Envelope Program		130,477	1,000	99,504		1,720,000		17,832	1,968,813		1,968,813
3. Residential Load Management ("On Call")	17,412,243	1,946,001	75,956	500,991		46,300,000	6,228	747,681	66,989,100		66,989,100
4. Duct System Testing & Repair Program		2,501,014	55,524	409,056	36,000	2,314,099		(1,046,711)	4,268,982		4,268,982
5. Residential Air Conditioning Program		584,776		501,516	36,000	14,000,000		57,544	15,179,836		15,179,836
6. GS Load Management ("Business On Call")	1,111,420	108,205	20,000	251,148		676,267		130,992	2,298,032		2,298,032
7. Cogeneration & Small Power Production		149,669		4,000,452				20,807	4,170,928		4,170,928
8. Commercial/Industrial Efficient Lighting		217,137	209,834			632,910		45,869	1,105,750		1,105,750
9. Commercial/Industrial Load Control	22,154	649,602	103,006	453,356		30,038,640		149,450	31,416,208		31,416,208
10. Business Energy Evaluation		1,321,340	48,000	1,275,080	2,019,612			418,717	5,082,749		5,082,749
11. C/I Heating, Ventilating & A/C Program		1,144,415		339,756		3,087,500		145,232	4,716,903		4,716,903
12. C/I Off Peak Battery Charging Program		5,603				6,000		1,407	13,010		13,010
13. Business Custom Incentive Program		17,805		12,400		290,000		3,480	323,685		323,685
14. C/I Building Envelope Program		216,799		70,492		2,139,613		61,180	2,488,084		2,488,084
15. Res. Thermal Energy Storage Research Proj.									0		0
16. Cool Communities Research Project				50,000					50,000		50,000
17. Res. Heat Pump Water Heating Research Proj.									0		0
18. Conservation Research & Development Pgm.		21,076		560,004				18,000	599,080		599,080
19. Natural Gas End-Use Technology R&D Project									0		0
20. C/I Daylight Dimming Research Project									0		0
21. C/I New Construction Research Project		8,449		398,835				800	408,084		408,084
22. Marketing Conservation Research & Dev.									0		0
23. BuildSmart Program		938,783	10,000	963,324	30,996			149,203	2,092,306	(734,300)	1,358,006
24. Green Pricing Research & Development Proj.									0		0
25. C/I Solar Desiccant Research Project									0		0
26. Common Expenses	2,513,034	6,968,898	91,212	3,154,920			11,319	1,702,034	14,441,417		14,441,417
27. TOTAL FOR THE PERIOD	\$ 21,058,851	\$ 20,915,440	\$ 725,844	\$ 14,644,834	\$ 6,647,604	\$ 101,205,029	\$ 17,547	\$ 3,196,858	\$ 168,412,007	\$ (734,300)	\$ 167,677,707
28. LESS: Included in Base Rates		1,411,256							1,411,256		1,411,256
29. Recoverable Conservation Expenses	\$ 21,058,851	\$ 19,504,184	\$ 725,844	\$ 14,644,834	\$ 6,647,604	\$ 101,205,029	\$ 17,547	\$ 3,196,858	\$ 167,000,751	\$ (734,300)	\$ 166,266,451
Totals may not add due to rounding											

**FLORIDA POWER & LIGHT COMPANY**  
**Schedule of Capital Investment, Depreciation and Return**  
**Residential Load Management ("On Call")**  
**For the Projected Period January through December 2000**

Line No	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total	Line No.
1.	Investments (Net of Retirements)		\$793,666	\$1,084,831	\$1,260,747	\$1,074,831	\$1,074,831	\$1,260,747	\$1,074,831	\$1,074,831	\$1,260,747	\$1,074,831	\$1,074,831	\$662,673	\$12,772,397	1.
2	Depreciation Base		69,864,633	70,949,464	72,210,211	73,285,042	74,359,873	75,620,620	76,695,451	77,770,282	79,031,029	80,105,860	81,180,691	81,843,364	n/a	2
3	Depreciation Expense (a)		1,164,411	1,182,491	1,203,504	1,221,417	1,239,331	1,260,344	1,278,258	1,296,171	1,317,184	1,335,098	1,353,012	1,364,056	15,215,275	3.
4	Cumulative Investment (Line 2)	\$69,070,967	69,864,633	70,949,464	72,210,211	73,285,042	74,359,873	75,620,620	76,695,451	77,770,282	79,031,029	80,105,860	81,180,691	81,843,364	n/a	4.
5	Less: Accumulated Depreciation	40,154,078	41,318,489	42,500,980	43,704,483	44,925,901	46,165,232	47,425,575	48,703,833	50,000,004	51,317,188	52,652,286	54,005,297	55,369,353	n/a	5.
6	Net Investment (Line 4 - 5)	\$28,916,889	\$28,546,144	\$28,448,484	\$28,505,728	\$28,359,142	\$28,194,641	\$28,195,045	\$27,991,618	\$27,770,278	\$27,713,841	\$27,453,574	\$27,175,394	\$26,474,011		6.
7	Average Net Investment		28,731,517	28,497,314	28,477,106	28,432,435	28,276,891	28,194,843	28,093,331	27,880,948	27,742,059	27,583,708	27,314,484	26,824,702	n/a	7.
8	Return on Average Net Investment )															8.
a	Equity Component (b)		109,563	108,670	108,593	108,422	107,829	107,516	107,129	106,319	105,790	105,186	104,159	102,292		
b	Equity Comp. grossed up for taxes		178,368	176,915	176,789	176,512	175,546	175,037	174,407	173,088	172,226	171,243	169,571	166,531	2,086,232	
c	Debt Component (Line 7 * 4.3642% /12)		104,492	103,640	103,566	103,404	102,838	102,540	102,171	101,398	100,893	100,317	99,338	97,557	1,222,155	
9	Total Return Requirements (Line 8b + 8c)		282,860	280,555	280,356	279,916	278,384	277,577	276,577	274,486	273,119	271,560	268,910	264,088	3,308,388	9.
10	Total Depreciation & Return (Line 3 + 9)		\$1,447,271	\$1,463,046	1,483,859	\$1,501,333	\$1,517,716	\$1,537,920	\$1,554,835	\$1,570,658	\$1,590,303	\$1,606,658	\$1,621,921	\$1,628,144	\$18,523,663	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

(b) The Equity Component is 4.5760% based on a ROE of 11.0% per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990067-EI.

**ALLOCATION OF DEPRECIATION AND RETURN ON INVESTMENT BETWEEN PROGRAMS**

Residential On Call Program 3 (94%)	Depreciation	1,094,546	1,111,542	1,131,293	1,148,132	1,164,971	1,184,723	1,201,562	1,218,401	1,238,153	1,254,992	1,271,831	1,282,213	14,302,359
	Return	265,889	263,721	263,534	263,121	261,681	260,922	259,983	258,017	256,732	255,267	252,775	248,242	3,109,884
	<b>Total</b>	<b>1,360,435</b>	<b>1,375,263</b>	<b>1,394,828</b>	<b>1,411,253</b>	<b>1,426,653</b>	<b>1,445,645</b>	<b>1,461,545</b>	<b>1,476,418</b>	<b>1,494,885</b>	<b>1,510,258</b>	<b>1,524,606</b>	<b>1,530,455</b>	<b>17,412,243</b>
Business on Call Program 6 (6%)	Depreciation	69,865	70,949	72,210	73,285	74,360	75,621	76,695	77,770	79,031	80,106	81,181	81,843	912,917
	Return	16,972	16,833	16,821	16,795	16,703	16,655	16,595	16,469	16,387	16,294	16,135	15,845	198,503
	<b>Total</b>	<b>86,836</b>	<b>87,783</b>	<b>89,032</b>	<b>90,080</b>	<b>91,063</b>	<b>92,275</b>	<b>93,290</b>	<b>94,239</b>	<b>95,418</b>	<b>96,399</b>	<b>97,315</b>	<b>97,689</b>	<b>1,111,420</b>
Total	Depreciation	1,164,411	1,182,491	1,203,504	1,221,417	1,239,331	1,260,344	1,278,258	1,296,171	1,317,184	1,335,098	1,353,012	1,364,056	15,215,275
	Return	282,860	280,555	280,356	279,916	278,384	277,577	276,577	274,486	273,119	271,560	268,910	264,088	3,308,388
	<b>Total</b>	<b>1,447,271</b>	<b>1,463,046</b>	<b>1,483,859</b>	<b>1,501,333</b>	<b>1,517,716</b>	<b>1,537,920</b>	<b>1,554,835</b>	<b>1,570,658</b>	<b>1,590,303</b>	<b>1,606,658</b>	<b>1,621,921</b>	<b>1,628,144</b>	<b>18,523,663</b>

**FLORIDA POWER & LIGHT COMPANY**  
**Schedule of Capital Investment, Depreciation and Return**  
**Commercial Industrial Load Control**  
**For the Projected Period January through December 2000**

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total	Line No.
1.	Investment (Net of Retirements)		\$0	\$0	\$75,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$2,500	\$2,500	\$2,500	\$2,500	\$100,000	1.
2.	Depreciation Base		0	0	75,000	78,000	81,000	84,000	87,000	90,000	92,500	95,000	97,500	100,000	n/a	2.
3.	Depreciation Expense (a)		0	0	1,250	1,300	1,350	1,400	1,450	1,500	1,542	1,583	1,625	1,667	14,667	3.
4.	Cumulative Investment (Line 2)	0	0	0	75,000	78,000	81,000	84,000	87,000	90,000	92,500	95,000	97,500	100,000	n/a	4.
5.	Less: Accumulated Depreciation (c)	0	0	0	1,250	2,550	3,900	5,300	6,750	8,250	9,792	11,375	13,000	14,667	n/a	5.
6.	Net Investment (Line 4 - 5)	\$0	\$0	\$0	\$73,750	\$75,450	\$77,100	\$78,700	\$80,250	\$81,750	\$82,708	\$83,625	\$84,500	\$85,333		6.
7.	Average Net Investment		\$0	\$0	\$36,875	\$74,600	\$76,275	\$77,900	\$79,475	\$81,000	\$82,229	\$83,167	\$84,063	\$84,917	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		0	0	141	284	291	297	303	309	314	317	321	324	2,900	8a.
b.	Equity Comp. grossed up for taxes (Line 8a/.61425)		0	0	229	463	474	484	493	503	510	516	522	527	4,721	8b.
c.	Debt Component (Line 7 * 4.3642% /12)		0	0	134	271	277	283	289	295	299	302	306	309	2,766	8c.
9.	Total Return Requirements (Line 8b + 8c)		0	0	363	734	751	767	782	797	810	819	828	836	7,487	9.
10.	Total Depreciation & Return (Line 3 + 9)		\$0	\$0	\$1,613	\$2,034	\$2,101	\$2,167	\$2,232	\$2,297	\$2,351	\$2,402	\$2,453	\$2,503	\$22,154	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

(b) The Equity Component is 4.5760% based on a ROE of 11.0% per FPSC Order No. PSC-99-0519-AS-EI. Docket No. 990067-EI.

**FLORIDA POWER & LIGHT COMPANY**  
**Schedule of Capital Investment, Depreciation and Return**  
**ECCR Common**  
**For the Projected Period January through December 2000**

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total	Line No.
1.	Investment (Net of Retirements)		\$103,204	\$89,110	\$89,110	\$89,110	\$89,110	\$89,110	\$103,204	\$89,110	\$89,110	\$89,110	\$89,110	\$89,110	\$1,097,508	1.
2.	Depreciation Base		9,752,774	9,841,884	9,930,994	10,020,104	10,109,214	10,198,324	10,301,528	10,390,638	10,479,748	10,568,858	10,657,968	10,747,078	n/a	2.
3.	Depreciation Expense (a)		162,546	164,031	165,517	167,002	168,487	169,972	171,692	173,177	174,662	176,148	177,633	179,118	2,049,985	3.
4.	Cumulative Investment (Line 2)	\$9,649,570	9,752,774	9,841,884	9,930,994	10,020,104	10,109,214	10,198,324	10,301,528	10,390,638	10,479,748	10,568,858	10,657,968	10,747,078	n/a	4.
5.	Less: Accumulated Depreciation	6,222,848	6,385,394	6,549,426	6,714,942	6,881,944	7,050,431	7,220,403	7,392,095	7,565,272	7,739,935	7,916,082	8,093,715	8,272,833	n/a	5.
6.	Net Investment (Line 4 - 5)	\$3,426,722	\$3,367,380	\$3,292,458	\$3,216,052	\$3,138,160	\$3,058,783	\$2,977,921	\$2,909,433	\$2,825,366	\$2,739,813	\$2,652,776	\$2,564,253	\$2,474,245		6.
7.	Average Net Investment		\$3,397,051	\$3,329,919	\$3,254,255	\$3,177,106	\$3,098,472	\$3,018,352	\$2,943,677	\$2,867,399	\$2,782,589	\$2,696,294	\$2,608,514	\$2,519,249	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		12,954	12,698	12,410	12,115	11,816	11,510	11,225	10,934	10,611	10,282	9,947	9,607	136,109	8a.
b.	Equity Comp. grossed up for taxes (Line 8a/ .61425)		21,089	20,673	20,203	19,724	19,236	18,738	18,275	17,801	17,275	16,739	16,194	15,640	221,585	8b.
c.	Debt Component (Line 7 * 4.3642% /12)		12,355	12,110	11,835	11,555	11,269	10,977	10,706	10,428	10,120	9,806	9,487	9,162	129,809	8c.
9.	Total Return Requirements (Line 8b + 8c)		33,444	32,783	32,038	31,278	30,504	29,716	28,980	28,229	27,394	26,545	25,681	24,802	351,394	9.
10.	Total Depreciation & Return (Line 3 + 9)		\$195,990	\$196,814	\$197,555	\$198,280	\$198,991	\$199,688	\$200,672	\$201,407	\$202,057	\$202,693	\$203,313	\$203,920	\$2,401,380	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

(b) The Equity Component is 4.5760% based on a ROE of 11.0% per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990067-EI.



**FLORIDA POWER & LIGHT COMPANY**  
**Schedule of Capital Investment, Depreciation and Return**  
**Monitoring Equipment**  
**For the Projected Period January through December 2000**

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total	Line No.
1.	Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	1.
2.	Depreciation Base		999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	n/a	2.
3.	Depreciation Expense (a)		16,653	16,653	16,653	16,653	16,653	16,653	8,259	0	0	0	0	0	108,175	3.
4.	Cumulative Investment (Line 2)	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	n/a	4.
5.	Less: Accumulated Depreciation (c)	890,984	907,637	924,289	940,942	957,595	974,247	990,900	999,159	999,159	999,159	999,159	999,159	999,159	n/a	5.
6.	Net Investment (Line 4 - 5)	<u>\$108,175</u>	<u>\$91,522</u>	<u>\$74,870</u>	<u>\$58,217</u>	<u>\$41,564</u>	<u>\$24,912</u>	<u>\$8,259</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>		6.
7.	Average Net Investment		\$99,849	\$83,196	\$66,543	\$49,891	\$33,238	\$16,585	\$4,129	\$0	\$0	\$0	\$0	\$0	n/a	7.
8.	Return on Average Net Investment															8.
	a. Equity Component (b)		381	317	254	190	127	63	16	0	0	0	0	0	1,348	8a.
	b. Equity Comp. grossed up for taxes (Line 8a/ .61425)		620	516	413	310	206	103	26	0	0	0	0	0	2,194	8b.
	c. Debt Component (Line 7 * 4.3642% /12)		363	303	242	181	121	60	15	0	0	0	0	0	1,285	8c.
9.	<b>Total Return Requirements (Line 8b + 8c)</b>		<b>983</b>	<b>819</b>	<b>655</b>	<b>491</b>	<b>327</b>	<b>163</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,480</b>	9.
10.	Total Depreciation & Return (Line 3 + 9)		<u>\$17,636</u>	<u>\$17,472</u>	<u>\$17,308</u>	<u>\$17,144</u>	<u>\$16,980</u>	<u>\$16,816</u>	<u>\$8,300</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$111,654</u>	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

(b) The Equity Component is 4.5760% based on a ROE of 11.0% per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990067-EI.

**CONSERVATION PROGRAM COSTS**  
**Jan 1999 through July 1999: ACTUAL**  
**August 1999 through December 1999: ESTIMATED**

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period
1. Residential Conservation Service Program	Actual	\$ 1,531,816	\$ 10,864	\$ 544,517	\$ 2,649,431		\$ 4,422	\$ 228,827	\$ 4,969,877		\$ 4,969,877
	Estimated	1,496,328	13,295	443,650	1,542,600			255,040	3,750,913		3,750,913
	Total	3,028,144	24,159	988,167	4,192,031		4,422	483,867	8,720,790		8,720,790
2. Residential Building Envelope Program	Actual		126,983	121	44,445	1,183,043	35	13,566	1,368,193		1,368,193
	Estimated		56,786	885	34,188	888,060		15,140	995,059		995,059
	Total		183,769	1,006	78,633	2,071,103	35	28,706	2,363,252		2,363,252
3. Residential Load Management ("On Call")	Actual	11,165,183	1,055,817	(272,180)	1,378,057	25,113,520	2,402	440,439	38,883,238		38,883,238
	Estimated	6,670,814	568,673	33,958	1,185,723	18,081,105	2,645	298,371	26,841,289		26,841,289
	Total	17,835,996	1,624,490	(238,222)	2,563,780	43,194,625	5,047	738,810	65,724,526		65,724,526
4. Duct System Testing & Repair Program	Actual		1,247,026	21,282	103,507	18,118	811,890	4,669	(266,706)	1,939,786	1,939,786
	Estimated		1,262,385	27,150	143,255		1,402,915		(520,915)	2,314,790	2,314,790
	Total		2,509,411	48,432	246,762	18,118	2,214,805	4,669	(787,621)	4,254,576	4,254,576
5. Residential Air Conditioning Program	Actual		487,094	238	181,236	18,203	7,731,002	70	60,203	8,478,046	8,478,046
	Estimated		400,450	15	264,440		6,659,050		35,680	7,359,635	7,359,635
	Total		887,544	253	445,676	18,203	14,390,052	70	95,883	15,837,681	15,837,681
6. GS Load Management ("Business On Call")	Actual	712,672	93,646		(1,913)	340	303,037	263	38,170	1,146,215	1,146,215
	Estimated	425,796	39,675		25,714		100,278		1,805	593,268	593,268
	Total	1,138,468	133,321		23,801	340	403,315	263	39,975	1,739,483	1,739,483
7. Cogeneration & Small Power Production	Actual		72,544		1,584,860		52	(34,787)	1,622,669		1,622,669
	Estimated		34,813		833,555			8,695	877,063		877,063
	Total		107,357		2,418,415		52	(26,092)	2,499,732		2,499,732

**CONSERVATION PROGRAM COSTS**  
**Jan 1999 through July 1999: ACTUAL**  
**August 1999 through December 1999: ESTIMATED**

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period	
8. Commercial/Industrial Efficient Lighting	Actual	\$	\$ 98,459	\$	\$ 183,590	\$	\$ 294,775	\$ 366	\$ 15,580	\$ 592,770	\$	\$ 592,770
	Estimated		89,371		95,745		180,655		22,645	388,416		388,416
	Total		187,830		279,335		475,430		38,225	981,186		981,186
9. Commercial/Industrial Load Control	Actual		240,350	5,245	13,590	17,024,772	1,359	62,195	17,347,511		17,347,511	
	Estimated		144,627	9,363	19,989	10,628,115		48,588	10,850,682		10,850,682	
	Total		384,977	14,608	33,579	27,652,887	1,359	110,783	28,198,193		28,198,193	
10. Business Energy Evaluation	Actual		505,747	3,294	190,962	173,253	2,524	71,533	947,313		947,313	
	Estimated		368,866	10,250	353,350	841,505		88,152	1,662,123		1,662,123	
	Total		874,613	13,544	544,312	1,014,758	2,524	159,685	2,609,436		2,609,436	
11. C/I Heating, Ventilating & A/C Program	Actual		496,653	132	162,933	33,830	2,012,491	1,985	39,971	2,747,995		2,747,995
	Estimated		460,082		177,902		1,326,630		58,176	2,022,790		2,022,790
	Total		956,735	132	340,835	33,830	3,339,121	1,985	98,147	4,770,785		4,770,785
12. C/I Off Peak Battery Charging Program	Actual		6,460		11,484			17	331	18,292		18,292
	Estimated		4,300		492		3,155		860	8,807		8,807
	Total		10,760		11,976		3,155	17	1,191	27,099		27,099
13. Business Custom Incentive Program	Actual		424			240,000		1,947	242,371		242,371	
	Estimated		2,260		11,000	240,000		1,900	255,160		255,160	
	Total		2,684		11,000	480,000		3,847	497,531		497,531	

**CONSERVATION PROGRAM COSTS**  
**Jan 1999 through July 1999: ACTUAL**  
**August 1999 through December 1999: ESTIMATED**

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period
14. C/I Building Envelope Program											
Actual	\$	\$ 147,070	\$ 4	\$ (13,710)	\$ 36,947	\$ 1,932,816	\$ 730	\$ 13,063	\$ 2,116,920	\$	\$ 2,116,920
Estimated		105,379		53,445		1,563,445		25,063	1,747,332		1,747,332
Total		252,449	4	39,735	36,947	3,496,261	730	38,126	3,864,252		3,864,252
15. Res. Thermal Energy Storage Research Project											
Actual									0		0
Estimated								4,165	4,165		4,165
Total								4,165	4,165		4,165
16. Cool Communities Research Project											
Actual				44,247				636	44,883		44,883
Estimated				41,665					41,665		41,665
Total				85,912				636	86,548		86,548
17. Res. Heat Pump Water Heating Research Project											
Actual		14							14		14
Estimated								4,165	4,165		4,165
Total		14						4,165	4,179		4,179
18. Conservation Research & Development Program											
Actual		32		29,537				8,089	37,658		37,658
Estimated		27,736		41,665				12,500	81,901		81,901
Total		27,768		71,202				20,589	119,559		119,559
19. Natural Gas End-Use Technology R&D Project											
Actual		113		118,326				7	118,446		118,446
Estimated									0		0
Total		113		118,326				7	118,446		118,446

**CONSERVATION PROGRAM COSTS**  
**Jan 1999 through July 1999: ACTUAL**  
**August 1999 through December 1999: ESTIMATED**

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period
20. C/I Daylight Dimming Research Project	Actual	\$ 56	\$	(6,332)	\$			\$ 51,078	\$ 44,802		\$ 44,802
	Estimated		4,622		67,074				71,696		71,696
	Total		4,678		60,742			51,078	116,498		116,498
21. C/I New Construction Research Project	Actual		57		268,392			153	268,602		268,602
	Estimated		4,622		483,853				488,475		488,475
	Total		4,679		752,245			153	757,077		757,077
22. Marketing Conservation Research & Dev.	Actual		63		67,314				67,377		67,377
	Estimated				320,068	132,900			452,968		452,968
	Total		63		387,382	132,900			520,345		520,345
23. BuildSmart Program	Actual		562,154	10,053	112,361	15,770	148	66,888	767,374	44,950	722,424
	Estimated		329,652	1,764	155,430	47,040		30,430	564,316	21,875	542,441
	Total		891,806	11,817	267,791	62,810		148	97,318	1,331,690	66,825
24. Green Pricing Research & Development Project	Actual		8,178	1,027	4,729			1,998	15,932		15,932
	Estimated								0		0
	Total		8,178	1,027	4,729			1,998	15,932		15,932

**CONSERVATION PROGRAM COSTS**  
 Jan 1999 through July 1999: **ACTUAL**  
 August 1999 through December 1999: **ESTIMATED**

Program Title	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Sub-Total	Program Revenues	Total for Period
25. C/I Solar Desiccant Research Project											
Actual	\$	\$ 55	\$	\$ 28,510	\$	\$	\$	\$	\$ 28,565	\$	\$ 28,565
Estimated		4,622		23,175					27,797		27,797
Total		4,677		51,685					56,362		56,362
26. Common Expenses											
Actual	1,502,142	3,507,810	36,777	712,535			35,194	758,799	6,553,257		6,553,257
Estimated	1,071,551	2,471,741	7,421	1,513,771			2,500	621,680	5,688,664		5,688,664
Total	2,573,693	5,979,551	44,198	2,226,306			37,694	1,380,479	12,241,921		12,241,921
27. TOTAL ACTUAL	11,877,855	10,188,621	(183,143)	5,763,177	2,945,892	56,647,346	54,236	1,571,980	90,368,108	44,950	90,323,156
TOTAL ESTIMATED	8,168,161	7,876,990	104,101	6,289,149	2,564,045	41,073,408	5,145	1,012,140	67,093,139	21,875	67,071,264
TOTAL FOR THE PERIOD	21,548,157	18,065,611	(79,042)	12,052,326	5,509,937	97,720,754	59,381	2,584,120	157,461,244	66,825	157,394,419
28. LESS: Included in Base Rates											
Actual		679,533							679,533		679,533
Estimated		437,320							437,320		437,320
Total		1,116,853							1,116,853		1,116,853
29. Recoverable Conservation Expenses	\$ 21,548,157	\$ 16,948,758	\$ (79,042)	\$ 12,052,326	\$ 5,509,937	\$ 97,720,754	\$ 59,381	\$ 2,584,120	\$ 156,344,391	\$ 66,825	\$ 156,277,566
Totals may not add due to rounding											

**FLORIDA POWER & LIGHT COMPANY**  
**Schedule of Capital Investment, Depreciation and Return**  
**Residential Load Management ('On Call')**  
**For the Estimated/Actual Period January through December 1999**

Line No.	Description	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total	Line No.
1.	Investments (Net of Retirements)		\$298,669	\$617,938	\$1,309,072	\$768,327	\$748,787	\$963,428	(\$21,340,221)	\$767,981	\$767,981	\$767,981	\$767,981	\$767,981	(\$12,794,095)	1
2	Depreciation Base		82,163,731	82,781,669	84,090,741	84,859,068	85,607,855	86,571,283	65,231,062	65,999,043	66,767,024	67,535,005	68,302,986	69,070,967	n/a	2
3	Depreciation Expense (a)		1,377,760	1,388,938	1,414,487	1,421,755	1,433,072	1,456,388	1,082,022	1,099,984	1,112,784	1,125,583	1,138,383	1,151,183	15,202,339	3
4	Cumulative Investment (Line 2)	\$81,865,062	82,163,731	82,781,669	84,090,741	84,859,068	85,607,855	86,571,283	65,231,062	65,999,043	66,767,024	67,535,005	68,302,986	69,070,967	n/a	4
5	Less: Accumulated Depreciation	46,886,168	48,263,868	49,600,195	51,057,185	52,437,251	53,869,778	55,326,167	34,526,161	35,626,145	36,738,929	37,864,513	39,002,896	40,154,078	n/a	5
6	Net Investment (Line 4 - 5)	\$34,978,895	\$33,899,863	\$33,181,475	\$33,033,557	\$32,421,818	\$31,738,077	\$31,245,117	\$30,704,901	\$30,372,898	\$30,028,095	\$29,670,493	\$29,300,091	\$28,916,889		6
7	Average Net Investment		34,439,379	33,540,669	33,107,516	32,727,687	32,079,947	31,491,597	30,975,009	30,538,899	30,200,496	29,849,294	29,485,292	29,108,490	n/a	7
8	Return on Average Net Investment )															8
a	Equity Component (b)		141,359	137,670	135,893	129,280	122,332	120,088	118,118	116,455	115,165	113,825	112,437	111,000		
b	Equity Comp. grossed up for taxes		230,133	224,128	221,233	210,468	199,156	195,503	192,796	189,589	187,488	185,308	183,048	180,709	2,399,059	
c	Debt Component (Line 7 * 4.3642% /12)		125,250	121,982	120,407	119,025	116,669	114,530	112,651	111,065	109,834	108,557	107,233	105,863	1,373,066	
9	Total Return Requirements (Line 8b + 8c)		355,383	346,110	341,640	329,493	315,825	310,033	304,947	300,654	297,322	293,865	290,281	286,572	3,772,125	9
10	Total Depreciation & Return (Line 3 + 9)		\$1,733,144	\$1,735,048	\$1,756,127	\$1,751,248	\$1,748,897	\$1,766,421	\$1,386,969	\$1,400,638	\$1,410,106	\$1,419,448	\$1,428,664	\$1,437,754	\$18,974,464	10

(a) Depreciation expense is based on the 'Cradle-to-Grave' method of accounting.

(b) For January through March 1999 the Equity Component is 4.9255% based on a Return on Equity (ROE) of 12.0% per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI.

For April 1999 the Equity Component is 4.7402% based on a weighted average ROE of 11.47%.

For May through December 1999 the Equity Component is 4.5760% based on a ROE of 11.0% per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990067-EI.

ALLOCATION OF DEPRECIATION AND RETURN ON INVESTMENT BETWEEN PROGRAMS															
Residential On Call Program 3 (94%)	Depreciation	1,295,094	1,305,602	1,329,618	1,336,449	1,347,088	1,369,005	1,017,101	1,033,985	1,046,017	1,058,048	1,070,080	1,082,112	14,290,199	
	Return	334,060	325,343	321,141	309,723	296,876	291,431	286,650	282,615	279,483	276,233	272,864	269,377	3,545,797	
	<b>Total</b>	<b>1,629,155</b>	<b>1,630,945</b>	<b>1,650,759</b>	<b>1,646,173</b>	<b>1,643,964</b>	<b>1,660,436</b>	<b>1,303,751</b>	<b>1,316,600</b>	<b>1,325,500</b>	<b>1,334,281</b>	<b>1,342,944</b>	<b>1,351,489</b>	<b>17,835,996</b>	
Business on Call Program 6 (6%)	Depreciation	82,666	83,336	84,869	85,305	85,984	87,383	64,921	65,999	66,767	67,535	68,303	69,071	912,140	
	Return	21,323	20,767	20,498	19,770	18,950	18,602	18,297	18,039	17,839	17,632	17,417	17,194	226,327	
	<b>Total</b>	<b>103,989</b>	<b>104,103</b>	<b>105,368</b>	<b>105,075</b>	<b>104,934</b>	<b>105,985</b>	<b>83,218</b>	<b>84,038</b>	<b>84,606</b>	<b>85,167</b>	<b>85,720</b>	<b>86,265</b>	<b>1,138,468</b>	
<b>Total</b>	Depreciation	1,377,760	1,388,938	1,414,487	1,421,755	1,433,072	1,456,388	1,082,022	1,099,984	1,112,784	1,125,583	1,138,383	1,151,183	15,202,339	
	Return	355,383	346,110	341,640	329,493	315,825	310,033	304,947	300,654	297,322	293,865	290,281	286,572	3,772,125	
	<b>Total</b>	<b>1,733,144</b>	<b>1,735,048</b>	<b>1,756,127</b>	<b>1,751,248</b>	<b>1,748,897</b>	<b>1,766,421</b>	<b>1,386,969</b>	<b>1,400,638</b>	<b>1,410,106</b>	<b>1,419,448</b>	<b>1,428,664</b>	<b>1,437,754</b>	<b>18,974,464</b>	

FLORIDA POWER & LIGHT COMPANY  
**Schedule of Capital Investment, Depreciation and Return**  
**ECCR Common**  
**For the Estimated/Actual Period January through December 1999**

Line No.	Description	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total	Line No.
1.	Investment (Net of Retirements)		(\$60,000)	\$60,000	\$650,366	\$3,511	\$269	\$0	(\$33,771)	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$820,374	1.
2.	Depreciation Base		8,769,196	8,829,196	9,479,562	9,483,072	9,483,341	9,483,341	9,449,570	9,489,570	9,529,570	9,569,570	9,609,570	9,649,570	n/a	2.
3.	Depreciation Expense (a)		146,042	147,042	162,801	152,079	152,002	151,993	151,430	158,160	158,826	159,493	160,160	160,826	1,860,855	3.
4.	Cumulative Investment (Line 2)	\$8,829,196	8,769,196	8,829,196	9,479,562	9,483,072	9,483,341	9,483,341	9,449,570	9,489,570	9,529,570	9,569,570	9,609,570	9,649,570	n/a	4.
5.	Less: Accumulated Depreciation	4,395,765	4,541,807	4,688,849	4,851,651	5,003,730	5,155,732	5,307,725	5,425,384	5,583,543	5,742,369	5,901,862	6,062,022	6,222,848	n/a	5.
6.	Net Investment (Line 4 - 5)	\$4,433,431	\$4,227,389	\$4,140,346	\$4,627,911	\$4,479,343	\$4,327,609	\$4,175,616	\$4,024,186	\$3,906,027	\$3,787,201	\$3,667,708	\$3,547,548	\$3,426,722		6.
7.	Average Net Investment		\$4,330,410	\$4,183,867	\$4,384,129	\$4,553,627	\$4,403,476	\$4,251,613	\$4,099,901	\$3,965,106	\$3,846,614	\$3,727,454	\$3,607,628	\$3,487,135	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		17,775	17,173	17,995	17,988	16,792	16,213	15,634	15,120	14,668	14,214	13,757	13,298	190,627	8a.
b.	Equity Comp. grossed up for taxes (Line 8a/ .61425)		28,937	27,958	29,296	29,284	27,337	26,394	25,453	24,616	23,880	23,140	22,397	21,649	310,340	8b.
c.	Debt Component (Line 7 * 4.3642% /12)		15,749	15,216	15,944	16,561	16,015	15,462	14,911	14,420	13,989	13,556	13,120	12,682	177,626	8c.
9.	Total Return Requirements (Line 8b + 8c)		44,686	43,174	45,240	45,845	43,352	41,857	40,363	39,036	37,870	36,697	35,517	34,331	487,967	9.
10.	Total Depreciation & Return (Line 3 + 9)		\$190,728	\$190,216	\$208,042	\$197,923	\$195,354	\$193,850	\$191,794	\$197,196	\$196,696	\$196,189	\$195,676	\$195,157	\$2,348,822	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

(b) For January through March 1999 the Equity Component is 4.9255% based on a Return on Equity (ROE) of 12.0% per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI.

For April 1999 the Equity Component is 4.7402% based on a weighted average ROE of 11.47%.

For May through December 1999 the Equity Component is 4.5760% based on a ROE of 11.0% per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990067-EI.



**FLORIDA POWER & LIGHT COMPANY**  
**Schedule of Capital Investment, Depreciation and Return**  
**Monitoring Equipment**  
**For the Estimated/Actual Period January through December 1999**

Line No.	Description	Beginning of Period	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total	Line No.
1.	Investment (Net of Retirements)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	1.
2.	Depreciation Base		999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	n/a	2.
3.	Depreciation Expense (a)		16,653	16,653	16,653	16,653	16,653	16,653	16,653	16,653	16,653	16,653	16,653	16,653	199,832	3.
4.	Cumulative Investment (Line 2)	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	999,159	n/a	4.
5.	Less: Accumulated Depreciation (c)	691,152	707,804	724,457	741,110	757,762	774,415	791,068	807,720	824,373	841,026	857,678	874,331	890,984	n/a	5.
6.	Net Investment (Line 4 - 5)	\$308,007	\$291,354	\$274,702	\$258,049	\$241,396	\$224,744	\$208,091	\$191,439	\$174,786	\$158,133	\$141,481	\$124,828	\$108,175		6.
7.	Average Net Investment		\$299,681	\$283,028	\$266,375	\$249,723	\$233,070	\$216,417	\$199,765	\$183,112	\$166,460	\$149,807	\$133,154	\$116,502	n/a	7.
8.	Return on Average Net Investment															8.
a.	Equity Component (b)		1,230	1,162	1,093	986	889	825	762	698	635	571	508	444	9,804	8a.
b.	Equity Comp. grossed up for taxes (Line 8a/.61425)		2,003	1,891	1,780	1,606	1,447	1,344	1,240	1,137	1,033	930	827	723	15,960	8b.
c.	Debt Component (Line 7 * 4.3642% /12)		1,090	1,029	969	908	848	787	727	666	605	545	484	424	9,082	8c.
9.	<b>Total Return Requirements (Line 8b + 8c)</b>		<b>3,092</b>	<b>2,921</b>	<b>2,749</b>	<b>2,514</b>	<b>2,295</b>	<b>2,131</b>	<b>1,967</b>	<b>1,803</b>	<b>1,639</b>	<b>1,475</b>	<b>1,311</b>	<b>1,147</b>	<b>25,042</b>	9.
10.	Total Depreciation & Return (Line 3 + 9)		\$19,745	\$19,573	\$19,401	\$19,167	\$18,947	\$18,783	\$18,619	\$18,455	\$18,291	\$18,127	\$17,964	\$17,800	\$224,874	10.

(a) Depreciation expense is based on the "Cradle-to-Grave" method of accounting.

(b) For January through March 1999 the Equity Component is 4.9255% based on a Return on Equity (ROE) of 12.0% per FPSC Order No. PSC-93-1024-FOF-EI, Docket No. 930612-EI.

For April 1999 the Equity Component is 4.7402% based on a weighted average ROE of 11.47%.

For May through December 1999 the Equity Component is 4.5760% based on a ROE of 11.0% per FPSC Order No. PSC-99-0519-AS-EI, Docket No. 990067-EI.

**CONSERVATION PROGRAM COSTS**  
**January 1999 through July 1999 ACTUAL**

Program Title	January	February	March	April	May	June	July	Sub-Total (7 Mo.)
1. Residential Conservation Service Program	\$ 232,502	\$ 239,517	\$ 423,711	\$ 308,031	\$ 318,942	\$ 2,911,014	\$ 536,160	\$ 4,969,877
2. Residential Building Envelope Program	107,394	175,276	157,042	121,704	252,038	268,465	286,274	1,368,193
3. Residential Load Management ("On Call")	4,612,866	4,451,574	4,279,796	6,358,030	6,430,955	6,397,893	6,352,124	38,883,238
4. Duct System Testing & Repair Program	228,676	208,907	336,446	259,963	316,563	264,530	324,702	1,939,786
5. Residential Air Conditioning Program	910,251	904,634	914,873	1,060,622	1,560,624	1,538,141	1,588,901	8,478,046
6. GS Load Management ("Business On Call")	123,816	135,862	172,891	55,980	230,229	215,429	212,008	1,146,215
7. Cogeneration & Small Power Production	230,025	95,901	576,525	209,888	295,141	194,851	20,339	1,622,669
8. Commercial/Industrial Efficient Lighting	61,071	116,877	52,096	98,717	143,776	41,404	78,829	592,770
9. Commercial/Industrial Load Control	2,886,366	2,058,945	2,581,699	1,908,982	3,196,802	2,308,345	2,406,372	17,347,511
10. Business Energy Evaluation	76,602	85,982	131,260	167,030	162,982	149,157	174,300	947,313
11. C/I Heating, Ventilating & A/C Program	421,816	108,358	273,039	405,970	504,098	469,653	565,061	2,747,995
12. C/I Off Peak Battery Charging Program	4,480	964	1,390	1,008	874	4,584	4,992	18,292
13. Business Custom Incentive Program	158	240,000	2,131	81	0	0	0	242,371
14. C/I Building Envelope Program	149,751	130,149	226,017	713,212	566,951	197,416	133,424	2,116,920
15. Res. Thermal Energy Storage Research Proj.	0	0	0	0	0	0	0	0
16. Cool Communities Research Project	0	0	0	0	636	43,589	658	44,883
17. Res. Heat Pump Water Heating Research Project	14	0	0	0	0	0	0	14
18. Conservation Research & Development Program	14,832	0	(23)	14,760	0	8,089	0	37,658
19. Natural Gas End-Use Technology R&D Project	113	815	3,793	0	0	50,228	63,497	118,446
20. C/I Daylight Dimming Research Project	56	19,207	0	0	0	25,539	0	44,802
21. C/I New Construction Research Project	56	57	33	19	102	0	268,335	268,602
22. Marketing Conservation Research & Dev.	0	8,100	0	18,204	20,275	20,761	37	67,377
23. BuildSmart Program	64,541	122,642	137,028	110,794	97,348	115,659	119,362	767,374
24. Green Pricing Research & Development Project	0	0	296	268	3,228	10,277	1,863	15,932
25. C/I Solar Desiccant Research Project	56	12,702	0	0	0	15,450	357	28,565
26. Common Expenses	816,616	896,556	1,373,393	884,607	857,193	901,270	823,622	6,553,257
27. Total All Programs	\$ 10,942,059	10,013,026	11,643,436	12,697,871	\$ 14,958,756	\$ 16,151,744	\$ 13,961,217	\$ 90,368,108
28. LESS: Included in Base Rates	89,565	83,072	82,473	159,916	87,147	85,995	91,365	679,533
29. Recoverable Conservation Expenses	\$ 10,852,494	\$ 9,929,954	\$ 11,560,963	\$ 12,537,955	\$ 14,871,609	\$ 16,065,749	\$ 13,869,852	\$ 89,688,575
Totals may not add due to rounding								

**CONSERVATION PROGRAM COSTS**  
**August 1999 through December 1999 ESTIMATED**

Program Title	August	September	October	November	December	Sub-Total (5 Mo.)	Total (12 Mo.)
1. Residential Conservation Service Program	\$ 850,692	\$ 679,426	\$ 939,711	\$ 938,742	\$ 342,342	\$ 3,750,913	\$ 8,720,790
2. Residential Building Envelope Program	203,072	198,084	197,910	197,909	198,084	995,059	2,363,252
3. Residential Load Management ("On Call")	5,392,239	5,350,983	5,360,187	5,366,343	5,371,537	26,841,289	65,724,526
4. Duct System Testing & Repair Program	507,138	451,913	451,913	451,913	451,913	2,314,790	4,254,576
5. Residential Air Conditioning Program	1,501,047	1,464,647	1,464,647	1,464,647	1,464,647	7,359,635	15,837,681
6. GS Load Management ("Business On Call")	130,624	133,450	131,465	98,592	99,137	593,268	1,739,483
7. Cogeneration & Small Power Production	177,943	174,780	174,780	174,780	174,780	877,063	2,499,732
8. Commercial/Industrial Efficient Lighting	77,763	81,422	76,340	76,370	76,521	388,416	981,186
9. Commercial/Industrial Load Control	2,150,460	2,154,996	2,159,980	2,171,855	2,213,391	10,850,682	28,198,193
10. Business Energy Evaluation	328,657	358,106	315,116	323,016	337,228	1,662,123	2,609,436
11. C/I Heating, Ventilating & A/C Program	411,341	418,721	397,595	397,595	397,538	2,022,790	4,770,785
12. C/I Off Peak Battery Charging Program	1,828	1,708	1,592	2,087	1,592	8,807	27,099
13. Business Custom Incentive Program	1,032	251,032	1,032	1,032	1,032	255,160	497,531
14. C/I Building Envelope Program	349,674	354,316	347,540	347,539	348,263	1,747,332	3,864,252
15. Res. Thermal Energy Storage Research Proj.	833	833	833	833	833	4,165	4,165
16. Cool Communities Research Project	8,333	8,333	8,333	8,333	8,333	41,665	86,548
17. Res. Heat Pump Water Heating Research Project	833	833	833	833	833	4,165	4,179
18. Conservation Research & Development Program	18,397	15,876	15,876	15,876	15,876	81,901	119,559
19. Natural Gas End-Use Technology R&D Project	0	0	0	0	0	0	118,446
20. C/I Daylight Dimming Research Project	14,676	14,255	14,255	14,255	14,255	71,696	116,498
21. C/I New Construction Research Project	98,031	97,611	97,611	195,222		488,475	757,077
22. Marketing Conservation Research & Dev.	163,334	289,634				452,968	520,345
23. BuildSmart Program	136,435	109,032	106,282	106,282	106,285	564,316	1,331,690
24. Green Pricing Research & Development Project	0	0	0	0	0	0	15,932
25. C/I Solar Desiccant Research Project	5,896	5,475	5,475	5,475	5,476	27,797	56,362
26. Common Expenses	1,251,041	1,135,408	1,088,006	1,081,104	1,133,105	5,688,664	12,241,921
27. Total All Programs	\$ 13,781,319	\$ 13,750,874	\$ 13,357,312	\$ 13,440,633	\$ 12,763,001	\$ 67,093,139	\$ 157,461,247
28. LESS: Included in Base Rates	109,558	84,072	81,225	81,283	81,182	437,320	1,116,853
29. Recoverable Conservation Expenses	\$ 13,671,761	\$ 13,666,802	\$ 13,276,087	\$ 13,359,350	\$ 12,681,819	\$ 66,655,819	\$ 156,344,394
Totals may not add due to rounding							

FLORIDA POWER & LIGHT COMPANY  
 CONSERVATION TRUE-UP & INTEREST CALCULATION  
 FOR THE ESTIMATED/ACTUAL PERIOD  
 JANUARY THROUGH DECEMBER 1999

	ACTUAL JANUARY	ACTUAL FEBRUARY	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE
<b>B. CONSERVATION PROGRAM REVENUES</b>						
1. a. LOAD CONTROL CREDIT	\$0	\$0	\$0	\$0	\$0	\$0
b. C/I - PENALTIES	0	0	0	0	0	0
c. BUILDSMART PROGRAM REVENUES	5,500	6,450	5,300	5,900	4,625	6,825
2. CONSERVATION CLAUSE REVENUES (NET OF REVENUE TAXES)	13,287,567	11,693,583	11,461,811	12,478,371	13,653,910	14,824,727
3. TOTAL REVENUES	13,293,067	11,700,033	11,467,111	12,484,271	13,658,535	14,831,552
4. ADJUSTMENT NOT APPLICABLE TO PERIOD - PRIOR TRUE-UP	(168,759)	(168,759)	(168,759)	(168,759)	(168,759)	(168,759)
5. CONSERVATION REVENUES APPLICABLE TO PERIOD (Line B3 + B4)	13,124,308	11,531,274	11,298,352	12,315,512	13,489,776	14,662,793
6. CONSERVATION EXPENSES (From CT-3, Page 1, Line 33)	10,852,494	9,929,954	11,560,963	12,537,955	14,871,609	16,065,748
7. TRUE-UP THIS PERIOD (Line B5 - Line B6)	2,271,815	1,601,320	(262,611)	(222,443)	(1,381,833)	(1,402,955)
8. INTEREST PROVISION FOR THE MONTH (From CT-3, Page 3, Line C10)	17,351	25,806	29,495	29,165	26,645	22,398
9. TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH	(2,025,105)	432,819	2,228,704	2,164,347	2,139,828	953,399
a. DEFERRED TRUE-UP BEGINNING OF PERIOD	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	168,759	168,759	168,759	168,759	168,759	168,759
11. END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (Line B7+B8+B9+B9a+B10)	\$5,526,314	\$7,322,199	\$7,257,842	\$7,233,323	\$6,046,894	\$4,835,096

NOTES: ( ) Reflects Underrecovery

	ACTUAL JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
<b>B. CONSERVATION PROGRAM REVENUES</b>							
1. a. LOAD CONTROL CREDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. C/I - PENALTIES	0	0	0	0	0	0	0
c. BUILDSMART PROGRAM REVENUES	10,350	4,375	4,375	4,375	4,375	4,375	66,825
2. CONSERVATION CLAUSE REVENUES (NET OF REVENUE TAXES)	15,848,807	15,850,914	16,093,786	15,506,912	13,083,815	13,214,604	166,998,807
3. TOTAL REVENUES	15,859,157	15,855,289	16,098,161	15,511,287	13,088,190	13,218,979	167,065,632
4. ADJUSTMENT NOT APPLICABLE TO PERIOD - PRIOR TRUE-UP	(168,759)	(168,759)	(168,759)	(168,759)	(168,759)	(168,759)	(2,025,105)
5. CONSERVATION REVENUES APPLICABLE TO PERIOD (Line B3 + B4)	15,690,398	15,686,530	15,929,402	15,342,528	12,919,431	13,050,220	165,040,527
6. CONSERVATION EXPENSES (From CT-3, Page 1, Line 33)	13,869,852	13,671,761	13,666,802	13,276,087	13,359,350	12,681,819	156,344,394
7. TRUE-UP THIS PERIOD (Line B5 - Line B6)	1,820,546	2,014,769	2,262,600	2,066,441	(439,919)	368,401	8,696,133
8. INTEREST PROVISION FOR THE MONTH (From CT-3, Page 3, Line C10)	24,655	33,748	43,699	53,801	58,203	59,016	423,982
9. TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH	(258,399)	1,755,561	3,972,837	6,447,895	8,736,896	8,523,939	(2,025,105)
a. DEFERRED TRUE-UP BEGINNING OF PERIOD	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495	5,093,495
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	168,759	168,759	168,759	168,759	168,759	168,759	2,025,105
11. END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (Line B7+B8+B9+B9a+B10)	\$6,849,056	\$9,066,332	\$11,541,388	\$13,830,389	\$13,617,432	\$14,213,610	\$14,213,610

NOTES: ( ) Reflects Underrecovery

FLORIDA POWER & LIGHT COMPANY  
 CONSERVATION TRUE-UP & INTEREST CALCULATION  
 FOR THE ESTIMATED/ACTUAL PERIOD  
 JANUARY THROUGH DECEMBER 1999

	ACTUAL JANUARY	ACTUAL FEBRUARY	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE
<b>C. INTEREST PROVISION</b>						
1. BEGINNING TRUE-UP AMOUNT (Line B9+B9a)	\$3,068,390	\$5,526,314	\$7,322,199	\$7,257,842	\$7,233,323	\$6,046,894
2. ENDING TRUE-UP AMOUNT BEFORE INTEREST (Line B7+B9+B9a+B10)	5,508,963	7,296,393	7,228,347	7,204,158	6,020,249	4,812,698
3. TOTAL OF BEGINNING & ENDING TRUE-UP (Line C1+C2)	\$8,577,353	\$12,822,707	\$14,550,546	\$14,462,000	\$13,253,572	\$10,859,592
4. AVERAGE TRUE-UP AMOUNT (50% of Line C3)	\$4,288,677	\$6,411,354	\$7,275,273	\$7,231,000	\$6,626,786	\$5,429,796
5. INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	4.90000%	4.81000%	4.85000%	4.88000%	4.80000%	4.85000%
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	4.81000%	4.85000%	4.88000%	4.80000%	4.85000%	5.05000%
7. TOTAL (Line C5+C6)	9.71000%	9.66000%	9.73000%	9.68000%	9.65000%	9.90000%
8. AVERAGE INTEREST RATE (50% of Line C7)	4.85500%	4.83000%	4.86500%	4.84000%	4.82500%	4.95000%
9. MONTHLY AVERAGE INTEREST RATE (Line C8 / 12)	0.40458%	0.40250%	0.40542%	0.40333%	0.40208%	0.41250%
10. INTEREST PROVISION FOR THE MONTH (Line C4 x C9)	\$17,351	\$25,806	\$29,495	\$29,165	\$26,645	\$22,398

	ACTUAL JULY	ESTIMATED AUGUST	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
<b>C. INTEREST PROVISION</b>							
1. BEGINNING TRUE-UP AMOUNT (Line B9+B9a)	\$4,835,096	\$6,849,056	\$9,066,332	\$11,541,390	\$13,830,391	\$13,617,434	\$96,194,661
2. ENDING TRUE-UP AMOUNT BEFORE INTEREST (Line B7+B9+B9a+B10)	6,824,401	9,032,584	11,497,691	13,776,590	13,559,231	14,154,594	106,915,899
3. TOTAL OF BEGINNING & ENDING TRUE-UP (Line C1+C2)	\$11,659,497	\$15,881,640	\$20,564,023	\$25,317,980	\$27,389,622	\$27,772,028	\$203,110,560
4. AVERAGE TRUE-UP AMOUNT (50% of Line C3)	\$5,829,749	\$7,940,820	\$10,282,012	\$12,658,990	\$13,694,811	\$13,886,014	\$101,555,280
5. INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	5.05000%	5.10000%	5.10000%	5.10000%	5.10000%	5.10000%	N/A
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	5.10000%	5.10000%	5.10000%	5.10000%	5.10000%	5.10000%	N/A
7. TOTAL (Line C5+C6)	10.15000%	10.20000%	10.20000%	10.20000%	10.20000%	10.20000%	N/A
8. AVERAGE INTEREST RATE (50% of Line C7)	5.07500%	5.10000%	5.10000%	5.10000%	5.10000%	5.10000%	N/A
9. MONTHLY AVERAGE INTEREST RATE (Line C8 / 12)	0.42292%	0.42500%	0.42500%	0.42500%	0.42500%	0.42500%	N/A
10. INTEREST PROVISION FOR THE MONTH (Line C4 x C9)	\$24,655	\$33,748	\$43,699	\$53,801	\$58,203	\$59,016	\$423,982

**FLORIDA POWER & LIGHT COMPANY**  
**Calculation of Energy Conservation Cost Recovery (ECCR) Revenues**  
**For the Estimated/Actual Period January through December 1999**

	Month	Jurisdictional kWh Sales	Clause Revenues Net of Revenue Taxes (1)
(Actual)	January	6,693,125,011	\$13,287,567
(Actual)	February	5,874,423,176	11,693,583
(Actual)	March	5,779,697,289	11,461,811
(Actual)	April	6,240,929,428	12,478,371
(Actual)	May	6,840,110,582	13,653,910
(Actual)	June	7,365,928,534	14,824,727
(Actual)	July	7,923,121,708	15,848,807
(Estimated)	August	7,972,312,000	15,850,914
(Estimated)	September	8,094,466,000	16,093,786
(Estimated)	October	7,799,294,000	15,506,912
(Estimated)	November	6,580,583,000	13,083,815
(Estimated)	December	6,646,364,000	13,214,604
	Total	<u>83,810,354,728</u>	<u>\$166,998,807</u>

**( 1 ) Revenue taxes for the period are 1.5% Gross Receipts Tax  
 and .072% Regulatory Assessment Fee.**



## PROGRAM DESCRIPTION AND PROGRESS

### **Program Title: Residential Conservation Service Program**

**Program Description:** An energy audit program designed to assist residential customers in making their homes more energy efficient through the installation of conservation measures and the implementation of conservation practices.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to include 47,941 energy audits.

Program accomplishments for the period January through December 2000 are expected to include 62,067 energy audits.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$8,720,790.

Program fiscal expenditures for the period January through December 2000 are expected to be \$10,799,040.

**Program Progress Summary:** Program to date, through July 1999, 1,485,295 energy audits have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

### **Program Title: Residential Building Envelope Program**

**Program Description:** A program designed to encourage qualified customers to install energy-efficient building envelope measures that cost-effectively reduce FPL's coincident peak air conditioning load and customer energy consumption.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to include 13,963 installations.

Program accomplishments for the period January through December 2000 are expected to include 7,340 installations.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$2,363,252.

Program fiscal expenditures for the period January through December 2000 are expected to be \$1,968,813.

**Program Progress Summary:** Program to date, through July 1999, 620,755 installations have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Residential Load Management Program ("On Call" )**

**Program Description:** A program designed to offer voluntary load control to residential customers.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to include the installation of substation equipment at 16 additional substations and 42,688 new program participants with load control transponders installed in their homes.

Program accomplishments for the period January through December 2000 are expected to include the installation of substation equipment at 13 additional substations, upgrade twenty existing substations and 36,808 new program participants with load control transponders installed in their homes.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$65,724,526.

Program fiscal expenditures for the period January through December 2000 are expected to be \$66,989,100.

**Program Progress Summary:** Program to date, through July 1999, the installation of equipment at 357 substations has been completed, and there are 600,894 customers with load control equipment installed in their homes.

## PROGRAM DESCRIPTION AND PROGRESS

### **Program Title: Duct System Testing and Repair Program**

**Program Description:** A program designed to identify air conditioning duct system leaks and have qualified contractors repair those leaks.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to include 20,920 installations.

Program accomplishments for the period January through December 2000 are expected to include 24,755 installations.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$4,254,576.

Program fiscal expenditures for the period January through December 2000 are expected to be \$4,268,982.

**Program Progress Summary:** Program to date, through July 1999, 250,854 installations have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

### **Program Title: Residential Air Conditioning Program**

**Program Description:** A program designed to provide financial incentives for residential customers to purchase a more efficient unit when replacing an existing air conditioning system.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to include 65,637 installations.

Program accomplishments for the period January through December 2000 are expected to include 50,781 installations.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$15,837,681.

Program fiscal expenditures for the period January through December 2000 are expected to be \$15,179,836.

**Program Progress Summary:** Program to date, through July 1999, 464,657 installations have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** General Service Load Management Program ("Business On Call")

**Program Description:** This program is designed to offer voluntary load control of central air conditioning to customers in the GS-1 rate class.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to include 1,840 installations.

Program accomplishments for the period January through December 2000 are expected to include 2,525 installations.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$1,739,483.

Program fiscal expenditures for the period January through December 2000 are expected to be \$2,298,032.

**Program Progress Summary:** Program to date, through July 1999, total reduction is 18.2 MW and 10,813 installations.

## PROGRAM DESCRIPTION AND PROGRESS

### **Program Title: Cogeneration and Small Power Production**

**Program Description:** A program intended to facilitate the installation of cogeneration and small power production facilities.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to include the receipt of 885.6 MW of firm capacity at time of system peak and 6,327.1 GWh of purchase power. Eight firm and seven as-available power producers are expected to be participating.

Program accomplishments for the period January through December 2000 are expected to include the receipt of 885.6 MW of firm capacity at time of system peak and 6,732.3 GWh of purchase power. Eight firm and seven as-available power producers are expected to be participating.

**Program Fiscal Expenditures:** Program expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$2,499,732.

Program fiscal expenditures for the period January through December 2000 are expected to be \$4,170,928

**Program Progress Summary:** Total MW under contract (facility size) is 885.6 MW of which 885.6 is committed capacity.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Commercial/Industrial Efficient Lighting**

**Program Description:** A program designed to encourage the installation of energy efficient lighting measures in commercial/industrial facilities.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to include the reduction of 5,775.8 kW.

Program accomplishments for the period January through December 2000 are expected to include the reduction of 4,634.00 kW.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$981,186.

Program fiscal expenditures for the period January through December 2000 are expected to be \$1,105,750.

**Program Progress Summary:** Program to date, through July 1999, total reduction is 196,420 kW.



## PROGRAM DESCRIPTION AND PROGRESS

### **Program Title: Commercial/Industrial Load Control**

**Program Description:** A program designed to offer voluntary load control to commercial/industrial customers with a minimum billing demand and controllable load of 200 kW or more.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to raise program-to-date participation to 432 MW at the generator.

Program accomplishments for the period January through December 2000 are expected to raise program-to-date participation to 454 MW at the generator.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$28,198,193.

Program fiscal expenditures for the period January through December 2000 are expected to be \$31,416,208.

**Program Progress Summary:** Program to date, through July 1999, participation in this program totals 418.5 MW at the generator.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Business Energy Evaluation**

**Program Description:** This program is designed to provide evaluations of commercial and industrial customers' existing and proposed facilities and encourage energy efficiency by identifying DSM opportunities and providing recommendations to the customer.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to include 5,483 energy evaluations.

Program accomplishments for the period January through December 2000 are expected to include 5,000 energy evaluations.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$2,609,436.

Program fiscal expenditures for the period January through December 2000 are expected to be \$5,082,749.

**Program Progress Summary:** Program to date, through July 1999, 47,508 energy evaluations have been completed.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** *C/I Heating, Ventilating and Air Conditioning Program*

**Program Description:** A program designed to reduce the current and future growth of coincident peak demand and energy consumption of commercial and industrial customers by increasing the use of high efficiency heating, ventilating and air conditioning (HVAC) systems.

**Program Projections:** Program projections for the period January through December 1999 are expected to include the reduction of 16,400 kW.

Program projections for the period January through December 2000 are expected to include the reduction of 17,482 kW.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$4,770,785.

Program fiscal expenditures for the period January through December 2000 are expected to be \$4,716,903.

**Program Progress Summary:** Program to date, through July 1999, total reduction is 131,716 kW.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** *C/I Off-Peak Battery Charging Program*

**Program Description:** The objective of this program is to reduce the current coincident peak demand and the future growth of coincident peak demand by shifting from on-peak to off-peak time periods the demand from battery charging applications.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to include the reduction of 193.5 kW.

Program accomplishments for the period January through December 2000 are expected to include the reduction of 80 kW.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$27,099.

Program fiscal expenditures for the period January through December 2000 are expected to be \$13,010.

**Program Progress Summary:** Program to date, through July 1999, total reduction is 3,035 kW.

## PROGRAM DESCRIPTION AND PROGRESS

### **Program Title: C/I Business Custom Incentive Program**

**Program Description:** A program designed to assist FPL's commercial and industrial customers to achieve electric demand and savings cost-effective to all FPL customers. FPL will provide incentives to *qualifying commercial and industrial* customers who purchase, install and successfully operate cost-effective energy efficiency measures not covered by other FPL programs that reduce electric demand or shift electric demand from summer peak.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to include continued screening of isolated projects.

Program accomplishments for the period January through December 2000 are expected to include continued screening to produce several new projects.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$497,531.

Program fiscal expenditures for the period January through December 2000 are expected to be \$323,685.

**Program Progress Summary:** Program to date, through July 1999, 60 projects have been reviewed for eligibility and cost-effectiveness.

## PROGRAM DESCRIPTION AND PROGRESS

### **Program Title: Commercial/Industrial Building Envelope Program**

**Program Description:** A program designed to encourage eligible commercial and industrial customers to increase the efficiency of the qualifying portions of their building's envelope, which will reduce HVAC energy consumption and demand.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to include the reduction of 6,571 kW.

Program accomplishments for the period January through December 2000 are expected to include the reduction of 5,100 kW.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$3,864,252.

Program fiscal expenditures for the period January through December 2000 are expected to be \$2,488,084.

**Program Progress Summary:** Program to date, through July 1999, total reduction is 17,646 kW.

## PROGRAM DESCRIPTION AND PROGRESS

### **Project Title: Residential Thermal Energy Storage Research Project**

**Project Description:** A research project designed to determine feasibility of a program to offer incentives to residential customers to cool their homes with thermal energy storage.

**Project Projections:** Project accomplishments for the period January through December 1999 are expected to include filing final report.

There are no project accomplishments anticipated for the period January through December 2000.

**Project Fiscal Expenditures:** Project fiscal expenditures for the period January 1999 through 1999 are expected to be an estimated/actual period total of \$4,165.

There are no project fiscal expenditures anticipated for the period January through December 2000.

**Project Progress Summary:** No significant development of this technology has occurred during the current time period.

## PROGRAM DESCRIPTION AND PROGRESS

### **Project Title: Cool Communities Research Project**

**Project Description:** A research project designed to evaluate emerging conservation technologies to determine which are worthy of pursuing for program development and approval.

**Project Projections:** Project accomplishments for the period January through December 1999 are expected to include delivery of remainder of the Phase I and Phase II final reports. FPL has already started laying the groundwork for Phase III of the project with a small-scale effort planned for the summer of 2000.

Project accomplishments for the period January through December 2000 are expected to include seeking the cooperation of a residential new construction project where we can monitor the relative energy savings from six homes with different, commonly-used roof types.

**Project Fiscal Expenditures:** Project fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$86,548.

Program fiscal expenditures for the period January through December 2000 are expected to be \$50,000.

**Project Progress Summary:** FPL has a preliminary model to predict the energy savings from increasing tree shading or lightening roof color for residential homes.



## PROGRAM DESCRIPTION AND PROGRESS

**Project Title:** Residential Heat Pump Water Heating Research Project (HPWH)

**Project Description:** This research project is intended to evaluate improvements to HPWH technology and equipment, its application, installation costs, customer acceptance, as well as demand and energy savings.

**Project Projections:** Project has been completed during this period.

There are no project accomplishments anticipated for the period January through December 2000.

**Project Fiscal Expenditures:** Project fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$4,179.

There are no project fiscal expenditures anticipated for the period January through December 2000.

**Project Progress Summary:** Project has been completed.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: Conservation Research & Development Program**

**Program Description:** A program designed to evaluate emerging conservation technologies to determine which are worthy of pursuing for program development and approval.

**Program Projections:** Program accomplishments for the period January through December 1999 and January through December 2000 are expected to include the continuation of Technology Assessment of products/concepts for potential DSM opportunities. See Supplement for description.

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$119,559.

Program fiscal expenditures for the period January through December 2000 are expected to be \$599,080.

**Program Progress Summary:** The attached listing details FPL's activities during this period.

**Supplement to Conservation Research & Development (CRD) Activities**

<b>Technology Assessment</b>	<b>Description</b>
Desiccant Enhanced Air Conditioning System (DEAC)	Discussions are underway with FSEC to determine how best to proceed with the work needed to turn FSEC's patented DEAC concept into a commercial product that can be sold in the A/C market and promoted as a DSM technology by FPL.
HVAC Enhancements	New HVAC technologies are being evaluated as part of the commercial New Construction R&D project. Work to promote specific HVAC technologies is on hold pending the results of that project.
Building Envelope Technologies	New building envelope technologies are being evaluated as part of the commercial New Construction R&D project. Work to promote specific building envelope technologies is on hold pending the results of that project.
Appliance Technologies	Same as HVAC and building envelope technologies described above. Also, a new refrigeration technology being developed by Ames Laboratory and a small company in Wisconsin has been identified and work is proceeding to determine how FPL can best work with the developers to advance and promote the technology.

**Supplement to Conservation Research & Development (CRD) Activities**

**Technology Assessment**

**Description**

UV-Filtration

The University of Florida completed a preliminary study on a technology that uses UV light in conjunction with filters to detoxify air in buildings using less energy than current methods.

Energy Management Technologies

New energy management technologies are being evaluated as part of the commercial New Construction R&D project. Work to promote specific energy management technologies is on hold pending the results of that project.

## PROGRAM DESCRIPTION AND PROGRESS

### **Project Title: Natural Gas End-Use Technology Research & Development Project**

**Project Description:** A research and development project designed to determine Florida-specific operating characteristics of five natural gas end-use technologies; Residential Gas Heat Pump, C/I Gas Engine Chiller, C/I Gas DX HVAC, Residential Gas Water Heating, and C/I Gas Desiccant.

**Project Projections:** Project accomplishments for the period January through December 1999 are expected to include completion of the gas water heating, gas heat pump and gas engine-driven chiller projects.

There are no project accomplishments anticipated for the period January through December 2000.

**Project Fiscal Expenditures:** Project fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$118,446.

There are no project fiscal expenditures anticipated for the period January through December 2000.

**Project Progress Summary:** The final reports for C/I Gas DX HVAC and C/I Gas Desiccant projects were completed in prior periods. During this period final reports have been completed for the Residential Gas Heat Pump and Residential Gas Water Heating projects. The final report for the Gas Engine-Driven Chiller project will be submitted in October 1999.

## PROGRAM DESCRIPTION AND PROGRESS

### **Project Title: C/I Daylight Dimming Research Project**

**Project Description:** A research and development project designed to assess the viability and feasibility of daylight dimming technology; compare the demand and energy reductions and cost differentials of daylight dimming systems to conventional lighting systems; discover and overcome potential barriers for the technology; quantify the cost-effectiveness of the technology; test acceptance of the technology with architectural and engineering consultants; qualitatively assess customer acceptance of the technology; and conduct market research to determine target markets and expected penetrations.

**Project Projections:** Project accomplishments for the period January through December 1999 are expected to include completion of the research and preparation of the final report.

There are no project accomplishments anticipated for the period January through December 2000.

**Project Fiscal Expenditures:** Project fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$116,498.

There are no project fiscal expenditures for the period January through December 2000.

**Project Progress Summary:** The research, including installation of daylight dimming systems at two sites and the analysis of the results from the operation of those systems, has been completed. Preparation of the final report is in progress and FPL expects to receive the final report within the next month.

## PROGRAM DESCRIPTION AND PROGRESS

### **Project Title: C/I New Construction Research Project**

**Project Description:** The objective of this project is to identify cost-effective conservation opportunities in the commercial/industrial new construction market which would provide efficiencies beyond that required by the Florida Energy Efficiency Code.

**Project Projections:** Project accomplishments for the period January through December 1999 are expected to include completion of Phase II of the project, development of simulations of buildings using energy conservation measures (ECM) and preliminary assessment of the impact and effectiveness of the ECM's, initiation of the field research (Phase II), which will consist of field metering and long-term monitoring of buildings that have made use of ECM's in new construction. During 1999 installation of the meters and initial monitoring will be completed.

Project accomplishments for the period January through December 2000 are expected to include completion of the project including the rest of Phase III and all of Phase IV. Completion of Phase III will provide FPL with the results of the on-site monitoring of the buildings using the ECMs. Results of individual ECMs will be documented. Phase IV, will provide completion of the final report and recommendations for developing measures to encourage the adoption of cost-effective conservation opportunities as described above.

**Project Fiscal Expenditures:** Project fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$757,077.

Project fiscal expenditures for the period January through December 2000 are expected to be \$408,084.

**Project Progress Summary:** Phase II and III are on schedule. Model development for Phase II is underway, and customers have given permission for meters to be installed for Phase III. Most of the Phase III meters have been installed and monitoring is underway.

## PROGRAM DESCRIPTION AND PROGRESS

### **Project Title: Marketing Conservation Research & Development Program (MCRD)**

**Project Description:** The objective of this program is to allow FPL, through an umbrella effort not requiring costly and time consuming research projects, to test alternative market strategies and communications efforts on existing DSM Program.

**Project Projections:** Project accomplishments for the period January through December 1999 are expected to include fielding additional On Call qualitative and quantitative research to investigate the relationship between communications, customer satisfaction and incentive levels. As a result of the research findings, a new communication plan was developed to reposition the On Call program. The primary objectives of the new plan are to communicate the new positioning statement, maintain customer satisfaction levels and ensure program goals are met. In the third quarter of 1999, FPL will initiate execution of the new communications plan.

Additionally, in the third quarter of 1999, FPL will field quantitative research to help determine appropriate amounts for a reduced incentive which will improve cost effectiveness while meeting program participation goals. Following that, FPL will be designing an in-market pilot to test the lower incentives with new program participants.

There are no project accomplishments anticipated for the period January through December 2000.

**Project Fiscal Expenditures:** Project fiscal expenditures anticipated for the period January through December 1999 are expected to be an estimated/actual period total of \$520,345.

There are no project fiscal expenditures anticipated for the period January through December 2000.

**Project Progress Summary:** FPL has focused its efforts in enhancing the On Call program. Other potential projects, including looking at seasonal incentives, have not resulted in formalized MCRD projects.



## PROGRAM DESCRIPTION AND PROGRESS

**Program Title: BuildSmart Program**

**Program Description:** The objective of this program is to encourage the design and construction of energy-efficient homes that cost effectively reduce FPL's coincident peak and load and customer energy consumption.

**Program Projections:** Program accomplishments for the period January through December 1999 are expected to include 302 homes.

Program accomplishments for the period January through December 2000 are expected to include 4,196 homes.

**Program Fiscal Expenditures:** Program fiscal expenditures (net of program revenues) for the period January through December 1999 are expected to be an estimated/actual period total of \$1,264,865.

Program fiscal expenditures (net of program revenues) for the period January through December 2000 are expected to be \$1,358,006.

**Program Progress Summary:** Program to date, through July 1999, total reduction is 413 kW and 435 homes.

## PROGRAM DESCRIPTION AND PROGRESS

### **Project Title: Green Pricing Research & Development Project**

**Project Description:** The objective of this project is to test FPL customer response to a Green Pricing initiative. FPL will solicit contributions from customers to be used to purchase, install, maintain, and operate photovoltaic (PV) modules on FPL's system.

**Project Projections:** Project accomplishments for the period January through December 1999 are expected to include completion of the PV system, finalization of the project and final report submission.

There are no project accomplishments anticipated for the period January through December 2000.

**Project Fiscal Expenditures:** Project fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$15,932.

There are no project fiscal expenditures anticipated for the period January through December 2000.

**Project Progress Summary:** Advertising, promotion and collection of the contributions were completed in December 1998. The PV system has been installed and is operational. The exhibit for the Energy Encounter has been contracted and will be installed soon

## PROGRAM DESCRIPTION AND PROGRESS

**Project Title: C/I Solar Desiccant Research Project**

**Project Description:** The objective of this project is to research the potential demand and energy savings associated with, and the cost-effectiveness of, a hybrid solar desiccant dehumidification system combined with a traditional cooling system.

**Project Projections:** Project accomplishments for the period January through December 1999 are expected to include the completion of the research and preparation of the final report.

There are no project accomplishments anticipated for the period January through December 2000.

**Project Fiscal Expenditures:** Project fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$56,362.

There are no project fiscal expenditures anticipated for the period January through December 2000.

**Project Progress Summary:** The research has been completed and preparation of the final report is underway. FPL expect to receive the final report within the next six weeks.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** Common Expenses

**Program Description:** Expenses common to all programs.

**Program Projections:** N/A

**Program Fiscal Expenditures:** Program fiscal expenditures for the period January through December 1999 are expected to be an estimated/actual period total of \$12,241,921.

Program fiscal expenditures for the period January through December 2000 are expected to be \$14,441,417.

**Program Progress Summary:** N/A

Florida Public Service Commission  
Docket No. 990002-EG  
Gulf Power Company  
Witness: M. D. Neyman  
Exhibit No. \_\_\_\_ (MDN-1)

INDEX

Schedule Number	Title	Pages
CT-1	Adjusted net True-Up, April, 1998, through December, 1998	1
CT-2	Analysis of Energy Conservation Program Costs	2
CT-3	Energy Conservation Adjustment	3 - 7
CT-4	Schedule of Capital Investments, Depreciation and Return	8 - 9
CT-5	Reconciliation and Explanation of Differences Between Filing and Audit	10
CT-6	Program Descriptions and Progress Reports	11 - 27

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990002-EG EXHIBIT NO. 5  
COMPANY/  
WITNESS: Neyman  
DATE: 11-22-99

DOCUMENT NUMBER-DATE  
06139 MAY 14 8  
FPSC-RECORDS/REPORTING

GULF POWER COMPANY  
ENERGY CONSERVATION COST RECOVERY  
ADJUSTED NET TRUE-UP  
For the Period: April, 1998 Through December, 1998

Actual		
1. Principal	337,515	
2. Interest	<u>33,163</u>	
Actual Over Recovery Ending Balance		370,678
Estimated Actual Filed In October, 1998		
3. Principal	762,514	
4. Interest	<u>24,209</u>	<u>786,723</u>
5. Adjusted Net True-up		<u><u>(416,045)</u></u>

**GULF POWER COMPANY**  
**ENERGY CONSERVATION COST RECOVERY**  
**ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS**  
**ACTUAL Vs ESTIMATED**  
For the Period: April, 1998 Through December, 1998

	<u>Actual</u>	<u>Est/Actual</u>	<u>Difference</u>
	\$	\$	\$
1. Depreciation & Return	3,471.54	120,387	(116,915.46)
2. Payroll & Benefits	1,188,160.96	1,146,932	41,228.96
3. Materials & Supplies	584,722.84	330,632	254,090.84
4. Outside Services	0.00	0	0.00
5. Advertising	223,580.67	234,295	(10,714.33)
6. Incentives	0.00	52,725	(52,725.00)
7. Vehicles	527.24	23,562	(23,034.76)
8. Other	<u>42,309.91</u>	<u>99,759</u>	<u>(57,449.09)</u>
9. SUBTOTAL	2,042,773.16	2,008,292	34,481.16
10. Program Revenues	<u>0.00</u>	<u>141,987</u>	<u>(141,987.00)</u>
11. TOTAL PROGRAM COSTS	<u>2,042,773</u>	<u>1,866,305</u>	<u>176,468.16</u>
12. Less: Payroll Adjustment	0.00	0	0.00
13. Amounts Inc. in Base Rate	<u>0.00</u>	<u>0</u>	<u>0.00</u>
14. Conservation Adjustment Revenues	<u>1,403,107.73</u>	<u>988,452.95</u>	<u>414,654.78</u>
15. Rounding Adjustment	<u>1,403,108</u>	<u>988,453</u>	<u>414,655</u>
16. True-up Before Adjustment	(639,665)	191,212	(830,877)
17. Interest Provision	33,163	24,209	8,954
18. Prior Period True-up	<u>977,180</u>	<u>977,180</u>	<u>0</u>
20. End of Period True-up	<u><u>370,678</u></u>	<u><u>786,723</u></u>	<u><u>(416,045)</u></u>

GULF POWER COMPANY

CONSERVATION COSTS Per PROGRAM  
VARIANCE ACTUAL Vs ESTIMATED/ACTUAL  
For the Period: April, 1998 Through December, 1998

	Depre/Amort & Return	Payroll & Benefits	Materials & Expenses	Advertising	Incentives	Outside Services	Vehicles	Other	Sub-Total	Program Revenues	Total
1. Residential Energy Audit	0.00	6,709.31	161.67	(27,818.03)	0.00	0.00	(4,222.02)	0.00	(25,169.07)	0.00	(25,169.07)
2. Gulf Express	0.00	(1,598.20)	(2,890.54)	0.00	0.00	0.00	0.40	0.00	(4,488.34)	0.00	(4,488.34)
3. In Concert with the Environment	0.00	1,722.86	(2,537.00)	0.00	0.00	0.00	(488.00)	0.00	(1,302.14)	0.00	(1,302.14)
4. Good Cents Environmental	0.00	(7,572.00)	(242.00)	0.00	0.00	0.00	(242.00)	0.00	(8,056.00)	0.00	(8,056.00)
5. Duct Leakage	0.00	(10,101.79)	(63.74)	0.00	(474.00)	0.00	(791.00)	0.00	(11,430.53)	0.00	(11,430.53)
6. Geothermal Heat Pump	0.00	(12,412.89)	94,669.53	29,894.20	(52,251.00)	0.00	(1,633.14)	0.00	58,266.70	0.00	58,266.70
7. Advanced Energy Management	(116,931.00)	(36,618.08)	148,206.09	(792.00)	0.00	0.00	(6,264.00)	0.00	(12,398.99)	(141,987.00)	129,588.01
8. Comm/Ind Good Cents Building	0.00	57,137.78	8,064.25	(9,883.50)	0.00	0.00	(4,517.00)	0.00	50,801.53	0.00	50,801.53
9. Comm/Ind E.A. & T.A.A.	0.00	27,633.66	34,197.73	(2,115.00)	0.00	0.00	(4,878.00)	(14,635.00)	40,203.39	0.00	40,203.39
10. Commercial Mail In Audit	0.00	7,160.89	10,295.47	0.00	0.00	0.00	0.00	0.00	17,456.36	0.00	17,456.36
11. Solar for Schools	0.00	732.11	5,038.58	0.00	0.00	0.00	0.00	0.00	5,770.69	0.00	5,770.69
12. Research & Development	15.54	0.00	(21,952.97)	0.00	0.00	0.00	0.00	(42,814.09)	(64,751.52)	0.00	(64,751.52)
13. Gas Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Residential Mail In Audit	0.00	8,435.31	(18,856.23)	0.00	0.00	0.00	0.00	0.00	(10,420.92)	0.00	(10,420.92)
Total	(116,915.46)	41,228.96	254,090.84	(10,714.33)	(52,725.00)	0.00	(23,034.76)	(57,449.09)	34,481.16	(141,987.00)	176,468.16



GULF POWER COMPANY  
CONSERVATION COSTS Per PROGRAM  
ACTUAL EXPENSES  
For the Period April, 1968 Through December, 1968

Actual	Depre/Amort & Return	Payroll & Benefits	Materials & Expenses	Advertising	Incentives	Outside Services	Vehicles	Other	Sub-Total	Program Revenues	Total
1. Residential Energy Audit	0.00	193,135.31	13,115.67	109,657.97	0.00	0.00	428.98		316,337.93	0.00	316,337.93
2. Gulf Express	0.00	1,314.80	(3,459.54)				80.40		(2,064.34)	0.00	(2,064.34)
3. In Concert with the Environment	0.00	16,360.86							16,360.86	0.00	16,360.86
4. Good Cents Environmental	0.00	0.00							0.00	0.00	0.00
5. Duct Leakage	0.00	9,143.21	1,043.26						10,186.47	0.00	10,186.47
6. Geothermal Heat Pump	0.00	50,994.11	113,405.53	108,618.20			17.86		273,035.70	0.00	273,035.70
7. Advanced Energy Management	0.00	142,585.92	393,388.09	1,296.00					447,270.01	0.00	447,270.01
8. Comm/Ind Good Cents Building	0.00	276,381.78	19,027.25	3,634.50					299,043.53	0.00	299,043.53
9. Comm/Ind E.A. & T.A.A.	0.00	441,981.66	72,380.73	374.00					514,736.39	0.00	514,736.39
10. Commercial/Industrial Mail In Audit	0.00	23,366.89	49,062.47						72,429.36	0.00	72,429.36
11. Solar for Schools	0.00	5,673.11	10,445.58						16,118.69	0.00	16,118.69
12. Research & Development	0.00								0.00	0.00	0.00
End Use Profiling	0.00								0.00	0.00	0.00
Geothermal Heat pump	0.00								0.00	0.00	0.00
FCG	0.00								0.00	0.00	0.00
Desiccant Dehum. H. P.	0.00								0.00	0.00	0.00
Energy Education	3,323.89							31,779.45	35,103.34		35,103.34
Commercial Technology	147.65							10,678.11	10,678.11		10,678.11
PJC	0.00								0.00	0.00	0.00
Closed Loop (Dentist)	0.00								0.00	0.00	0.00
Sleep Inn	0.00								546.43		546.43
Van Norman	0.00								156.78		156.78
Shores	0.00								0.00		0.00
Swiley	0.00								0.00		0.00
Slinley Loop	0.00								114.06		114.06
GCCC	0.00								0.00		0.00
H2O Pur.	0.00								0.00		0.00
Joe Ridge	0.00								242.93		242.93
Jim Day	0.00								291.12		291.12
Burger King	0.00								0.00		0.00
Dr. Taylor (Dentist)	0.00								0.00		0.00
Bay Co. Schools	0.00								1,646.59		1,646.59
Low Income Multi-Family	0.00								(1,989.91)		(1,989.91)
MIOX	0.00								230.10		230.10
Dunes	0.00								2,716.53		2,716.53
Solar Light	0.00								(5,000.00)		(5,000.00)
Ozone	0.00								195.03		195.03
Hempson	0.00								128.37		128.37
Boardwalk	0.00								45,049.48		45,049.48
Total	3,471.54	1,188,160.96	584,722.84	223,580.67	0.00	0.00	527.24	42,309.91	2,042,773.16	0.00	2,042,773.16
13. Gas Research & Development	0.00								0.00	0.00	0.00
14. Residential Mail In Audit	0.00	27,223.31	7,045.77						34,269.08	0.00	34,269.08

GULF POWER COMPANY

CONSERVATION COSTS Per PROGRAM  
SUMMARY OF ACTUAL EXPENSES BY PROGRAM MONTH  
For the Period: April, 1998 Through December, 1998

PROGRAMS	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	DECEMBER REVISION	TOTAL
1. Residential Energy Audits	30,501.77	68,001.02	57,580.33	44,698.72	24,574.68	20,997.72	22,551.78	21,423.02	26,008.89		316,337.93
2. Gulf Express	(7,008.27)	888.37	205.71	2,438.87	290.09	280.74	249.84	294.78	295.53		(2,064.34)
3. In Concert with the Environment	1,815.25	1,959.58	1,783.13	2,348.93	1,808.44	1,740.53	1,718.79	1,874.98	1,311.23		16,360.86
4. Good Cents Environmental	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5. Duct Leakage	2,560.68	2,714.73	851.73	(324.67)	2,958.97	9.81	393.97	413.13	608.12		10,186.47
6. Geothermal Heat Pump	10,689.91	15,577.46	13,776.12	11,440.92	24,937.62	74,581.68	74,536.30	14,385.73	33,109.96		273,035.70
7. Advanced Energy Management	21,164.05	27,294.95	25,479.88	34,937.75	20,945.92	22,442.91	49,349.22	43,543.80	202,111.53		447,270.01
8. Comm/Ind Good Cents Bldg	40,485.51	25,412.49	36,964.99	32,448.17	33,744.06	28,536.36	30,831.73	34,159.58	36,460.64		299,043.53
9. Comm/Ind E.A. & T.A.A.	58,014.40	56,488.54	53,711.42	62,406.43	63,111.43	51,121.50	48,568.03	52,948.10	68,367.54		514,736.39
10. Commercial Mail In Audit	3,036.14	2,579.25	6,890.74	5,386.59	2,754.83	2,221.61	2,894.36	12,704.00	33,961.84		72,429.36
11. Solar for Schools	637.71	657.20	3,360.29	3,038.61	5,887.00	636.00	531.30	692.30	678.28		16,118.69
12. Research & Development											0.00
End Use Profiling											0.00
Geothermal Heat Pump											0.00
FCG											0.00
Desiccant Dehum. H. P.											0.00
Energy Education	3,655.20	3,646.36	3,655.21	3,577.35	3,946.44	3,557.00	3,552.64	3,650.19	3,422.15	2,440.80	35,103.34
Commercial Technology	1,102.65	1,100.36	1,103.94	1,078.78	1,201.74	1,073.34	1,072.53	1,105.40	1,030.58	808.79	10,678.11
PJC											0.00
Closed Loop (Dentist)											0.00
Sleep Inn	94.46	45.19	91.06	51.91	7.82		8.94	32.41	214.64		546.43
Van Norman	33.75		32.47	27.24		32.47	64.60				190.53
Shores											0.00
Swilley											0.00
Slinky Loop									114.06		114.06
GCCC											0.00
H2O Pur.											0.00
Joe Rldge	47.03	47.03	7.18	47.03		94.66					242.83
Jim Day											0.00
Burger King									291.12		291.12
Dr. Taylor (Dentist)											0.00
Bay Co. Schools											0.00
Low Income Multi-Family	110.92	496.79	230.94	51.11	331.95	284.34	140.54				1,646.59
MIOX			78.09					(2,078.00)			(1,999.91)
Dunes		38.45	32.98			59.94	32.46	32.52			196.35
Solar Light			2,716.53								2,716.53
Ozone								(5,000.00)			(5,000.00)
Hampton								60.25	134.78		195.03
Boardwalk						62.72		29.14	36.51		128.37
	5,044.01	5,374.18	7,948.40	4,833.42	5,487.95	5,164.47	4,871.71	(2,168.09)	5,243.84	3,249.59	45,049.48
13. Gas Research & Development	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
14. Residential Mail In Audit	6,059.68	2,901.12	4,367.26	2,471.54	3,248.42	4,254.15	2,855.66	3,497.94	4,613.31		34,269.08
Recoverable Conservation Expenses	173,000.84	209,848.89	212,920.00	206,124.28	189,749.41	211,987.48	239,352.69	183,769.27	412,770.71	3,249.59	2,042,773.16

GULF POWER COMPANY

ENERGY CONSERVATION ADJUSTMENT  
For the Period: April, 1988 through December, 1988

Conservation Revenues	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	DECEMBER REVISION	TOTAL
1. a. Residential Conservation Audit Fees	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. (Other Fees)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Conservation Adjustment Revenues	120,223.73	161,536.85	185,441.44	194,070.01	189,559.96	162,383.00	141,722.60	117,934.98	130,235.16		1,403,107.73
3. Total Revenues	120,223.73	161,536.85	185,441.44	194,070.01	189,559.96	162,383.00	141,722.60	117,934.98	130,235.16	0.00	1,403,107.73
4. Adjustment not Applicable to Period - Prior True	67,646.58	67,646.58	67,646.58	67,646.58	67,646.58	67,646.58	135,293.16	135,293.16	135,293.16		811,758.96
5. Conservation Revenues Applicable to Period	187,870.31	229,183.43	253,088.02	261,716.59	257,206.54	230,029.58	277,015.76	253,228.14	265,528.32	0.00	2,214,866.69
6. Conservation Expenses (Form CT-3 Page 8)	173,000.85	209,848.88	212,920.00	206,124.28	189,749.41	211,987.48	239,352.69	183,769.27	412,770.71	3,249.59	2,042,773.16
7. True Up this Period (Line 5 minus Line 6)	14,869.46	19,334.55	40,168.02	55,592.31	67,457.13	18,042.10	37,663.07	69,458.87	(147,242.39)	(3,249.59)	172,089.53
8. Interest Provision this Period (Page 10, Line 10)	4,389.49	4,157.56	4,027.91	3,976.49	3,938.08	3,723.45	3,277.30	3,392.71	2,222.63	57.48	33,163.10
9. True Up & Interest Provision Beginning of Month	977,179.97	928,792.34	884,637.87	861,187.22	853,109.44	856,858.07	810,977.04	716,824.25	654,182.67	373,869.75	977,179.97
10. Prior True Up Collected or Refunded	(67,646.58)	(67,646.58)	(67,646.58)	(67,646.58)	(67,646.58)	(67,646.58)	(135,293.16)	(135,293.16)	(135,293.16)	0.00	(811,758.96)
End of Period- Net True Up	928,792.34	884,637.87	861,187.22	853,109.44	856,858.07	810,977.04	716,824.25	654,182.67	373,869.75	370,677.64	370,677.64

\*\* Note: A journal voucher accruing December 1988 expenses of \$3,249.59 was entered after the Conservation Clause was calculated. This adjustment and interest was booked in January, 1989.

GULF POWER COMPANY  
 COMPUTATION OF INTEREST EXPENSE  
 ENERGY CONSERVATION ADJUSTMENT  
 For the Period: April, 1998 through December, 1998

Interest Provision	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	DECEMBER REVISION	TOTAL
1. Beginning True up Amount	977,179.97	928,792.34	884,637.87	861,187.22	853,109.44	856,858.07	810,977.04	716,624.25	654,182.67	373,869.75	
2. Ending True up before Interest	924,402.85	880,480.31	857,159.31	849,132.95	852,919.99	807,253.59	713,346.95	650,789.96	371,647.12	370,620.16	
3. Total beginning & ending	1,901,582.82	1,809,272.65	1,741,797.18	1,710,320.17	1,706,029.43	1,664,111.66	1,524,323.99	1,367,414.21	1,025,829.79	744,489.91	
4. Average True up Amount	950,791.41	904,636.33	870,898.59	855,160.09	853,014.72	832,055.83	762,162.00	683,707.11	512,914.90	372,244.96	
5. Interest Rate First Day Reporting Business Month	5.5500	5.5300	5.5000	5.6000	5.5600	5.5200	5.2200	5.1000	5.5000		
6. Interest Rate First Day Subsequent Business Month	5.5300	5.5000	5.6000	5.5600	5.5200	5.2200	5.1000	5.5000	4.9000		
7. Total of Lines 5 and 6	11.0800	11.0300	11.1000	11.1600	11.0800	10.7400	10.3200	10.6000	10.4000	0.0000	
8. Average Interest rate (50% of Line 7)	5.5400	5.5150	5.5500	5.5800	5.5400	5.3700	5.1600	5.3000	5.2000	0.0000	
9. Monthly Average Interest Rate Line 8 \ 12	0.004617	0.004596	0.004625	0.004650	0.004617	0.004475	0.004300	0.004417	0.004333	0.000000	
9a. Interest for Audit Adjustment								373.00			
10. Interest Provision (line 4 X 9)	4,389.49	4,157.56	4,027.91	3,976.49	3,938.08	3,723.45	3,277.30	3,392.71	2,222.63	57.48	33,163.10

GULF POWER COMPANY

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN  
Energy Education

For the Period April, 1998 Through December, 1998

Line No.	Description	Beginning of Period	April	May	June	July	August	September	October	November	December	Total
1.	Investments (Net of Retirements)											0
2.	Amortization Base		21,139	21,139	21,139	21,139	21,139	21,139	21,139	21,139	21,139	
3.	Amortization Expense (A)		251.65	251.65	251.65	251.65	251.65	251.65	251.65	251.65	251.65	2,264.85
4.	Cumulative Investment	21,139	21,139	21,139	21,139	21,139	21,139	21,139	21,139	21,139	21,139	
5.	Less: Accumulated Amortization	6,795	7,047	7,298	7,550	7,802	8,053	8,305	8,557	8,808	9,060	
6.	Net Investment	14,344	14,092	13,841	13,589	13,337	13,086	12,834	12,582	12,331	12,079	
7.	Average Net Investment		14,218	13,967	13,715	13,463	13,212	12,960	12,708	12,457	12,205	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		126.63	124.40	122.15	119.91	117.67	115.43	113.19	110.95	108.71	1,059.04
10.	Total Amortization & Return (Line 3 + 9)		378.28	376.05	373.80	371.56	369.32	367.08	364.84	362.60	360.36	3,323.89

Notes:

(A) 1995 Additions Amortized over 7 Year Period

(B) Revenue Requirement Return is 10.6872%

GULF POWER COMPANY

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

Commercial Technology

For the Period April, 1998 Through December, 1998

Line No.	Description	Beginning of Period	April	May	June	July	August	September	October	November	December	Total
1.	Investments (Net of Retirements)											0
2.	Amortization Base		939	939	939	939	939	939	939	939	939	
3.	Amortization Expense (A)		11.18	11.18	11.18	11.18	11.18	11.18	11.18	11.18	11.18	100.62
4.	Cumulative Investment	939	939	939	939	939	939	939	939	939	939	
5.	Less: Accumulated Amortization	302	313	324	336	347	358	369	380	391	403	
6.	Net Investment	637	626	615	603	592	581	570	559	548	536	
7.	Average Net Investment		631.41	620.23	609.05	597.87	586.69	575.51	564.33	553.15	541.97	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		5.62	5.52	5.42	5.32	5.23	5.13	5.03	4.93	4.83	47.03
10.	Total Amortization & Return (Line 3 + 9)		16.80	16.70	16.60	16.50	16.41	16.31	16.21	16.11	16.01	147.65

Notes:

(A) 1995 Additions Amortized over 7 Year Period

(B) Revenue Requirement Return is 10.6872%

GULF POWER COMPANY

Reconciliation and Explanation of  
Differences Between Filing and FPSC Audit  
Report for Months, April, 1998, through December, 1998

(If no differences exist, please state.)

NO DIFFERENCES

Program Description and Progress

Program Title: Residential Energy Audits

Program Description: This program consists of two types of audits: (1) Class A Energy Conservation Audits and (2) Centsable Energy Checks, a walk-through audit. Both of these audits are performed on-site and involve assisting the customer in upgrading the thermal and equipment efficiencies in their homes as well as lifestyle measures and low or no cost improvements.

Program Accomplishments: 1,500 residential energy audits were forecasted to be completed compared to 1,079 actual audits completed for a difference of 421 audits under projection.

Program Fiscal Expenditures: Forecasted expenses were \$341,507 compared to actual expenses of \$316,338 resulting in a deviation of \$25,169 under budget. The deviation is the result of lower than expected demand for the program.

Program Progress Summary: Since the approval of this program Gulf has performed 125,507 residential energy audits. This is a result of Gulf's promotional campaign to solicit energy audits as well as the overall rapport established with its customers as the "energy experts" in Northwest Florida.



Program Description and Progress

Program Title: Residential Mail-In Audits

Program Description: The Residential Mail-In Audit Program is a direct mail energy auditing program. This program will supplement Gulf's existing Residential Energy Audit program and will assist in the evaluation of the specific energy requirements of a residential dwelling. Homeowners complete an audit questionnaire on their own or may request the assistance of a Gulf Power representative. This questionnaire asks customers about their energy consuming equipment or appliances, square footage, and other details regarding their lifestyles. The audit results package will be returned to the customer and will include targeted, timely information about energy conservation opportunities specific to each dwelling.

Program Accomplishments: 260 audits were conducted using this process during the reporting period compared to a projection of 750.

Program Fiscal Expenditures: This program was approved August 5, 1997. The program had actual expenses of \$34,269 compared to a projection of \$44,690 for a difference of \$10,421 under budget.

Program Progress Summary: This program was approved on August 5, 1997. There have been 285 mail-in audits completed program-to-date.

Program Description and Progress

Program Title: Gulf Express Loan Program

Program Description: The objective of this program has been to encourage and achieve energy conservation. The program provides below market interest rates by participating banks to customers as an incentive to install energy conservation features in their homes.

Program Accomplishments: New loans were discontinued as of second quarter, 1997.

Program Fiscal Expenditures: Forecasted expenses were \$2,424 compared to actual expenses of (2,064). Actual expenses are negative due to some previous charges being journaled out of the program during this period. All future expenses will be for the administration of existing loans.

Program Progress Summary: Since the approval of the program, Gulf has completed 1,953 Gulf Express Loans.

Program Description and Progress

Program Title: In Concert With The Environment

Program Description: In Concert With The Environment is an environmental and energy awareness program that is being implemented in the 8th and 9th grade science classes. The program shows students how everyday energy use impacts the environment and how using energy wisely increases environmental quality.

Program Accomplishments: In Concert With The Environment was presented to no students during this recovery period compared to a projection of 750 students. This deviation is due to a lack of response from the schools primarily because many schools already have environmental units incorporated into the curriculum and scheduling conflicts.

Program Fiscal Expenditures: Expenses for the period ending December, 1998, were projected at \$17,663 compared to actual expenses of \$16,361 for a deviation of \$1,302 under budget.

Program Summary: Since the approval of the program, 4,378 students have completed the program.

Program Description and Progress

Program Title: Good Cents Environmental Home

Program Description: Good Cents Environmental Home Program provides residential customers with guidance concerning energy and environmental efficiency in new construction. The program promotes energy-efficient and environmentally sensitive home construction techniques by evaluating over 500 components in six categories of design construction practices.

Program Accomplishments: During the recovery period, no Good Cents Environmental Homes were constructed compared to a goal of 4 units. Gulf Power has maintained the availability of this program to our builders and customers, however, we have not advertised and promoted this program in an active manner.

Program Fiscal Expenditures: Expenses for the period ending December, 1998, were forecasted to be \$8,057. However, due to the program status, no expenses have been incurred.

Program Description and Progress

Program Title: Duct Leakage Repair

Program Description: The program provides the customer with a means to identify house air duct leakage and recommend repairs that can reduce customer kWh energy usage and kW demand.

Program Accomplishments: During the this recovery period, no Duct Leakage Repair units were completed compared to a goal of 15 units. Gulf Power will maintain the availability of this program to our builders and customers, however, we will not advertise and promote this program in an active manner.

Program Fiscal Expenditures: Projected expenses were \$21,617 compared to actual expenses of \$10,186 for a deviation of \$11,431 under budget. This program is under budget due to lower than expected participation rate in the program.

Program Progress Summary: Program-to-date, 13 Duct Leakage Repair units have been completed. Program activities have related to education, training, and program development.

Program Description and Progress

Program Title: Geothermal Heat Pump

Program Description: The objective of this program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of advanced and emerging geothermal systems.

Program Accomplishments: During this recovery period, 266 Geothermal Heat Pump units were installed compared to a goal of 274 units. This results in a deviation of 8 units under goal. This program is under projection due to lower than expected participation rate in the program.

Program Fiscal Expenditures: Projected expenses for the period were \$214,769 compared to actual expenses of \$273,036 for a deviation of \$58,267 over budget. This program is over budget due to additional materials and expenses as well as advertising expenses that were paid during this period.

Program Progress Summary: Program progress to date has been related primarily to education, training, and program development. 766 units have been installed program-to-date.

Program Description and Progress

Program Title: Advanced Energy Management

Program Description: This program was field tested through the Transtext Advanced Energy Management Pilot Program in Gulf Breeze, Florida. The program is designed to provide the customer with a means of conveniently and automatically controlling and monitoring his/her energy purchases in response to prices that vary during the day and by season in relation to the Company's cost of producing or purchasing energy.

Program Accomplishments: Gulf has experienced delays in receiving working prototypes and production equipment from the vendor. To date, no production units have been installed.

Program Fiscal Expenditures: Net expenses were projected at \$317,682 compared to actual expenses of \$447,270 for a deviation of \$129,588 over budget. This program is over budget due to additional testing of equipment and fixed costs prior to full implementation of the program.

Program Progress Summary: The AEM equipment and installation are expected mid-1999.

Program Description and Progress

Program Title: GoodCents Building

Program Description: This program is designed to educate non-residential customers on the most cost-effective methods of designing new and improving existing buildings. The program stresses efficient heating and cooling equipment, improved thermal envelope, operation and maintenance, lighting, cooking and water heating. Field representatives work with architects, engineers, consultants, contractors, equipment suppliers and building owners and occupants to encourage them to make the most efficient use of all energy sources and available technologies.

Program Accomplishments: The goal during the current period was 165 installations compared to actual installations of 159 for a difference of 6 below goal.

Program Fiscal Expenditures: Forecasted expenses were \$248,242 compared to actual expenses of \$299,044 for a deviation of \$50,802. This deviation is due to our customers are becoming more educated on the new technologies available to them (through our efforts or by accessing information electronically) they are also requiring more technical support from us. This in turn causes an increase in our labor dollars spent.

Program Progress Summary: A total of 7,504 commercial/industrial buildings have qualified for the Good Cents designation since the program was developed in 1977.



Program Description and Progress

Program Title: Energy Audits and Technical Assistance Audits

Program Description: This program is designed to provide professional advice to our existing commercial customers on how to reduce and make the most efficient use of energy. This program covers the smallest commercial customer, requiring only a walk-through survey, to the use of computer programs which will simulate several design options for very large energy intensive customers. The program is designed to include six month and annual follow-ups with the customer to verify any conservation measures installed and to reinforce the need to continue with more conservation efforts.

Program Accomplishments: During the period ending December, 1998, our goal was 179 while actual results were 101. This deviation is primarily due to the development of the commercial mail-in audit program. Customers began receiving audit surveys through the mail at the end of June, 1997. This has reduced the number of on-site audits performed by field representatives.

Program Fiscal Expenditures: Forecasted expenses were \$474,533 compared to actual expenses of \$514,736 for a deviation of \$40,203 over budget. This program is over budget due to customers requiring additional information during the audits which has resulted in labor and the associated material accounts being over budget.

Program Progress Summary: A total of 10,908 EA/TAA's have been completed since the program started in January, 1981. These audits have ranged from basic walk-through type for some commercial customers to sophisticated technical assistance audits for other commercial and industrial customers.

Program Description and Progress

Program Title: Commercial Mail-In Audit Program

Program Description: The Commercial Mail-In Audit Program is a direct mail energy auditing program. This program is supplementing Gulf's existing Commercial/Industrial Energy Audit program and is assisting in the evaluation of the specific energy requirements of a given business type. Businesses complete an audit questionnaire on their own or may request the assistance of a Gulf Power representative. This questionnaire asks customers about their energy consuming equipment or appliances, square footage, hours of operation and other details regarding their business operations. The audit results package is returned to the customer and includes targeted, timely information about energy conservation opportunities specific to each business type and geographic area.

Program Accomplishments: In this period, 913 mail-in audits have been completed compared to a projection of 825 audits.

Program Fiscal Expenditures: Projected expenses for the period were \$54,973 compared to actual expenses of \$72,429 resulting in a deviation of \$17,456 over budget.

Program Progress Summary: To-date, 1,702 mail-in audits have been completed.

### Program Description and Progress

Program Title: Solar for Schools Pilot

Program Description: The program combines the installation of solar technologies in participating school facilities with energy conservation education of students. The program is funded in part through funds collected through a "green pricing" mechanism.

Program Accomplishments: During this recovery period, Gulf evaluated a "green pricing" promotion plan. The communications plan for Green Pricing promotion will be centered around presentations to civic groups, construction of a web page, press releases and payment center brochures. Additionally, Gulf intends to communicate by bill inserts, direct mail and certain events such as Earth Day. New solar lights were installed in three locations. One is a test light that is being tracked in the Conservation Demonstration and Development program. The other two lights are located at two schools in Gulf's service area.

Through the end of this period, \$18,171 has been collected through the "green pricing" mechanism. However, additional funding is necessary to enhance the initial project or begin a new solar project.

Program Fiscal Expenditures: Projected expenses for the period were \$10,348 compared to actual expenses of \$16,119 for a deviation of \$5,771 above budget. This program is over budget due to equipment repairs being done at one of the existing sites.

Program Progress Summary: Gulf Power completed the project with the Florida Energy Extension Service on a prototype Solar for Schools installation at the Ferry Pass Middle School in Pensacola, FL. The installation was completed during the second quarter of 1996. Experience gained at this site will be used to design future Solar for Schools installations.

Gulf began solicitation for the \$1.75 monthly voluntary Solar for Schools contribution during September, 1996. As of December, 1998, 332 customers were signed up to contribute to this program.

Program Description and Progress

Program Title: Conservation Demonstration and Development

Program Description: A package of conservation programs was approved by the FPSC in Order No. 23561 for Gulf Power Company to explore the development of a program to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

Program Accomplishments:

**The Efficiency Store - Energy Education** program is designed to help achieve the conservation goals. The Efficiency Store is intended to provide customers with improved interest, awareness, and understanding of energy efficient technologies. The objective is to display and demonstrate those technologies that are designed to promote energy efficiency.

**The Efficiency Store - Commercial Technology Demonstration** is intended to provide customers with an avenue to energy efficient technologies. The objective of the store is to actually display and demonstrate those technologies that yield energy savings and benefits commercial customers. The customer will benefit through the convenience of one location for these demonstration needs and the ability to view new technologies in full use.

**Slinky Mat Loop Heat Pump** - This type of ground loop design "slinky loop" or sometimes referred to as a "slinky mat loop" has not been installed in Northwest Florida or Florida to our knowledge. The results will reveal if this ground loop performs as well as the most common "vertical loop" in extracting and rejecting heat with the earth.

The system consist of an AT028 (2.3 tons) in a 2000 square feet home tied to 1800 feet of 3/4 inch polyethylene pipe 5 to 6 feet below grade. The mat loop is designed as 3 - 100 feet trenches with 600 feet of pipe per trench.

Another purpose is loop cost reduction potential. The projected savings on loop installation cost is \$1000 versus

a vertical loop for the same unit. If the unit performs, the cost reduction will result in increased geothermal installations.

This project will also result in performance results associated with kWh, kW demand, ground source efficiency, supply/return water temperatures and hot water recovery kWh/kW reduction, with indoor/outdoor temperature monitoring (wet bulb, dry bulb, relative humidity).

**Closed Loop - Dentist Office - Schwartz Dentist Office**

This commercial project is to introduce and demonstrate geothermal technology benefits. This is a new construction general office building application to be monitored in conjunction with the Geothermal Heat Pump Consortium.

It consists of 10 tons of geothermal equipment connected to a underground closed loop piping system. The job also includes a hot water recovery unit to provide hot water needs.

**Closed Loop - Hotel - Sleep Inn, hospitality/hotel -**

This application is for monitoring heating, cooling, and water heating costs. This includes 10 tons for heating & cooling in the office/lobby area and room/laundry hot water needs provided by a geothermal heat pump water heater with an efficiency rating of 10.

**Van Norman Project** - Is a triple function Nordyne heat pump providing heating, cooling, and water heating on demand. The heat pump compressor has a water heating mode. The total house, water heater, air handler and compressor are being monitored. Also, monitoring includes air temperatures, water temperatures, and gallons of hot water. Additional monitoring of various modes of operation is planned, but Gulf has not received the needed special equipment from the manufacturer at the close of this filing.

**The Dunes** - Is a project intended to monitor two heat pump water heaters in a hotel. The Heat Pump Water Heaters are expected to offset the KW demand of existing water heaters and to provide air conditioning to the laundry area.

**Jim Day Project** - Is a geothermal system which provides heating and cooling in a residential environment. This project also includes a geothermal heat pump water heater.

The indoor air temperature, relative humidity, as well as ground loop temperatures are monitored along with the kilowatt hour usage for the geothermal system. Additionally, the geothermal heat pump water heater's water temperature is monitored as well as the kilowatt hour usage, water consumption, and ground loop temperatures.

**Joe Ridge Project** - Is a residential study which includes a geothermal heat pump with a built in heat recovery unit, a geothermal pool heater and a conventional air to air heat pump. This project was designed to study the efficiency of a geothermal pool heater and the built in heat recovery unit. The indoor air temperature, relative humidity, kilowatt hour consumption, water consumption and ground loop temperatures are monitored. Additionally, the pool temperatures and water heating temperatures are included in the study.

**Bay County Schools - Lucille Moore Elementary** - Is a comparative study designed to illustrate the efficiency and demand reduction versus the conventional 10 S.E.E.R. air source systems. One six ton geothermal unit and one six ton air to air heat pump was installed in identical instructional areas in an elementary school. This study monitors the demand and kilowatt hour consumption. Also the environmental issues such as temperature and humidity are monitored as well. This study will also determine the reliability and maintenance reductions associated with the geothermal systems.

**Low Income Multi-Family Housing Project** - This is the first low income CDD project associated with Gulf Power Company. This project was designed to illustrate the efficiency of the geothermal systems compared to the existing heating and cooling systems. The project will demonstrate the reduction in maintenance cost to the facility and improve the quality of life for the tenants. This comparative study includes: three apartments retrofitted with geothermal equipment versus three identical structures with the existing heating and cooling equipment. KWh and water heating consumption is monitored for the comparison. Further, the indoor temperatures and ground loop temperatures are monitored also.

**Burger King** - Is a comparative study between gas fryers and electric fryers and the effects on the cooking environment and energy consumption. Monitored equipment in the two Burger King's include: air conditioning, indoor temperatures, relative humidity, kWh, kW demand and of course the fryers. This study will determine which fryer reduces heat within the cooking environment and reduces consumption on the total facility.

**Dr. Taylor** - This commercial project is also a comparative study designed to illustrate the reduction of kW demand between geothermal heat pumps and air to air heat pumps. Dr. Taylor's office is located next to Dr. Schwartz's office (previously mentioned this report). The two offices were constructed to the exact same specification. The general office building includes 10 tons of high efficient air to air heat pumps and hot water heating to be examined.

**Solar Light** - Gulf Power Company is presently testing a solar Photovoltaic light at the Pine Forest facility. The solar light will be monitored for energy consumption and peak demand savings as well as the actual lumen for the security light. A successful test would result in using this light in our Solar for Schools program. This particular light did not use funding from the Solar for Schools Program, however, we did use funds from the Conservation Demonstration and Development program.

**Hampton Inn** - The Hampton Inn is being used to study geothermal heat pump water heaters for their laundry and Pool heating requirements. The Laundry room is cooled and the water heated with Geo-thermal Heat pump water heaters. The hotel pool is heated with a Geo-thermal Heat pump water heater.

**Boardwalk** - The Boardwalk Laundry Room is a research site designed to study the effectiveness of the triple function Nordyne heat pump. This heat pump is designed to cool and heat the laundry room and also heat the water used to do laundry.

Program Fiscal Expenditures: Program expenses were forecasted at \$109,801 compared to actual expenses of \$45,049.48 for a deviation of \$64,751.52 under budget. Project expenses were as follows: Efficiency Store - Energy Education, \$35,103.34; Efficiency Store - Commercial Technology, \$10,678.11; Slinky Loop Mat Heat Pump, \$114.06;

Joe Ridge - \$242.93; Jim Day - \$0; Burger King, \$291.12;  
Closed Loop - Dentist Office, \$0; Closed Loop - Hotel,  
\$546.43; Van Norman Project, \$190.53.; Doctor Taylor  
(Dentist) - \$0; Bay County Schools - \$0; Low Income Multi-  
Family - \$1,646.59; The Dunes, \$196.35; Solar Light,  
\$2,716.53; Boardwalk, \$128.37; and Hampton Inn, \$195.03.  
These expenses are off-set by the removal of MIOX, \$1,999.91  
and Ozone, \$5,000 as a result of the last FPSC ECCR audit.



Florida Public Service Commission  
Docket No. 990002-EG  
Gulf Power Company  
Witness: Margaret D. Neyman  
Exhibit No. \_\_\_\_ (MDN-2)

INDEX

Schedule Number	Title	Pages
C-1	Summary of Cost Recovery Clause Calculation	1-3
C-2	Estimated Program Costs for January, 2000 - December, 2000	4-8
C-3	Conservation Program Costs for January, 1999 - August, 1999 Actual September, 1999 - December, 1999 Estimated	9-15
C-4	Calculation of Conservation Revenues	16
C-5	Program Descriptions and Progress Reports	17-32

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990002-EG EXHIBIT NO. 6  
COMPANY/  
WITNESS: Neyman  
DATE: 11-22-99

GULF POWER COMPANY

ENERGY CONSERVATION CLAUSE  
SUMMARY OF PROJECTED COST RECOVERY CLAUSE CALCULATION

For the Period: January, 2000 Through December, 2000

	<u>\$</u>
1. Total Program Costs: Projected for 2000 (Schedule C-2 Page 1 of 8, Line 16)	2,676,912
2. True Up: Estimated 1999 (Jan-Aug Actual; Sep-Dec Est.) (Schedule C-3, Page 6 of 7)	<u>912,032</u>
3. Total (Line 1 + Line 2)	<u><u>3,588,944</u></u>
4. Cost Subject to Revenue Taxes	3,588,944
5. Revenue Tax	<u>1,015,970</u>
6. Total Recoverable Cost	<u><u>3,646,259</u></u>

Program costs are split in proportion to the current period split of demand-related and energy-related costs, see below. The allocation of projected ECCR costs between demand and energy is shown on schedule C-2, page 2 of 8, and is consistent with the methodology set forth in Order No. PSC-93-1845-FOF-EG.

7. Total Cost	3,646,259
8. Energy Related Costs	3,091,923
9. Demand Related Costs (total)	554,336
10. Demand Costs Allocated on 12 CP	511,695
11. Demand Costs Allocated on 1/13 th	42,641

	Energy \$	Demand \$ Half of AEM	Total	Energy	Demand	Total Recoverable Costs Including Revenue Taxes
	\$	\$	\$	\$	\$	\$
12. Est/Actual 1999	2,496,525	615,846	3,112,371	743,223	183,374	926,597
13. Percentage	80.21%	19.79%	100.00%			
14. Projected 2000	2,311,783	365,129	2,676,912	2,348,700	370,962	2,719,662
15. Percentage	86.36%	13.64%	100.00%			
16. Total				<u>3,091,923</u>	<u>554,336</u>	<u>3,646,259</u>

GULF POWER COMPANY  
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
 January, 2000 Through December, 2000

Rate Class	A	B	C	D	E	F	G	H	I
	Average 12 CP Load Factor at Meter	Jan 2000 - Dec 2000 Projected KWH Sales at Meter	Jan 2000 - Dec 2000 Projected Avg 12 CP KW at Meter Col B / (8760 hours x Col A)	Demand Loss Expansion Factor	Energy Loss Expansion Factor	Jan 2000 - Dec 2000 Projected KWH Sales at Generation Col B x Col E	Jan 2000 - Dec 2000 Projected Avg 12 CP KW at Generation Col C x Col D	Percentage of KWH Sales at Generation Col F / Total Col F	Percentage of 12 CP KW Demand at Generation Col G / Total Col G
RS, RST	57.217702%	4,669,456,000	931,604.91	1.1019333	1.0766175	5,027,218,045	1,026,566.47	47.18086%	56.09220%
GS, GST	57.820776%	263,807,000	52,083.28	1.1019255	1.0766135	284,018,178	57,391.89	2.66553%	3.13593%
GSD, GSDT	72.316857%	2,195,727,000	346,604.90	1.1016647	1.0764011	2,363,482,958	381,842.38	22.18148%	20.86409%
LP, LPT	85.738506%	1,088,382,000	144,910.99	1.0601470	1.0444167	1,136,724,337	153,626.95	10.66825%	8.39427%
PX, PXT, RTP, SBS	97.623712%	1,680,197,000	196,472.05	1.0313379	1.0235079	1,719,694,903	202,629.07	16.13947%	11.07177%
OS-I, OS-II	299.917227%	87,532,000	3,331.67	1.1020255	1.0766162	94,238,369	3,671.59	0.88443%	0.20062%
OS-III	98.962375%	23,970,000	2,764.99	1.1024447	1.0766529	25,807,370	3,048.25	0.24220%	0.16656%
OS-IV	34.482597%	3,739,000	1,237.80	1.1024447	1.0766529	4,025,605	1,364.61	0.03778%	0.07456%
<b>TOTAL</b>	<b>67.948463%</b>	<b><u>10,012,810,000</u></b>	<b><u>1,679,010.59</u></b>			<b><u>10,655,209,765</u></b>	<b><u>1,830,141.21</u></b>	<b><u>100.00000%</u></b>	<b><u>100.00000%</u></b>

**Notes:**

Col A - Average 12 CP load factor based on actual 1997 load research data.  
 Col C - 8,760 is the number of hours in 12 months.

GULF POWER COMPANY  
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
January, 2000 Through December, 2000

Rate Class	A Percentage of KWH Sales at Generation	B Percentage of 12 CP KW Demand at Generation	C Demand Allocation 12CP	D Allocation 1/13 th	E Energy Allocation	F Total Conservation Costs	G Projected KWH Sales at Meter	H Conservation Recovery Factor cents per KWH
RS, RST	47.18086%	56.09220%	\$287,020	\$20,119	\$1,458,796	\$1,765,935	4,669,456,000	0.038
GS, GST	2.66553%	3.13593%	16,046	1,137	82,416	99,599	263,807,000	0.038
GSD, GSDT	22.18148%	20.86409%	106,761	9,458	685,834	802,053	2,195,727,000	0.037
LP, LPT	10.66825%	8.39427%	42,953	4,549	329,854	377,356	1,088,382,000	0.035
PX, PXT, RTP, SBS	16.13947%	11.07177%	56,654	6,882	499,020	562,556	1,680,197,000	0.033
OS-I, OS-II	0.88443%	0.20062%	1,027	377	27,346	28,750	87,532,000	0.033
OS-III	0.24220%	0.16656%	852	103	7,489	8,444	23,970,000	0.035
OS-IV	0.03778%	0.07456%	382	16	1,168	1,566	3,739,000	0.042
TOTAL			\$511,695	\$42,641	\$3,091,923	\$3,646,259	10,012,810,000	

A Obtained from Schedule C-1, page 2 of 3, col H  
B Obtained from Schedule C-1, page 2 of 3, col I  
C Total from C-1, page 1, line 10 \* col B  
D Total from C-1, page 1, line 11 \* col A  
E Total from C-1, page 1, line 8 \* col A  
F Total Conservation Costs  
G Projected kwh sales for the period January 2000 through December 2000  
H Col F / G  
Note: Totals may not add due to rounding

GULF POWER COMPANY

PROJECTED CONSERVATION PROGRAM COSTS  
For the Period January, 2000 Through December, 2000

Actual	Depre/Amort & Return	Payroll & Benefits	Materials Vehicles & Expenses	Outside Services	Advertising	Incentives	Other	Program Revenues	TOTAL
1. Residential Energy Audits	0	263,257	32,215		100,200				395,672
2. Gulf Express	0	3,735	4,000						7,735
3. In Concert with The Environment	0	0	0						0
4. Good Cents Environmental	0	0	0						0
5. Duct Leakage	0	0	0						0
6. Geothermal Heat Pump	0	142,909	84,241		111,000				338,150
7. Advanced Energy Management	423,629	420,805	296,082		25,000		(246,132)	189,128	730,257
8. Comm/Ind Good Cents Bldg	0	266,698	21,338		24,125				312,161
9. Comm/Ind E.A. & T.A.A.	0	541,956	49,298		5,000				596,254
10. Commercial Mail In Audit	0	28,071	43,000						71,071
11. Solar for Schools	0	4,423	500						4,923
12. Research & Development	3,999	0	118,224						122,223
13. Residential Mail In Audit	0	47,466	1,000		50,000				98,466
14. Total All Programs	427,628	1,719,320	649,898	0	315,325	0	(246,132)	189,128	2,676,912
15. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0
16. Net Program Costs	427,628	1,719,320	649,898	0	315,325	0	(246,132)	189,128	2,676,912

Florida Public Service Commission  
Docket No. 990002-EG  
GULF POWER COMPANY  
Witness: Margaret D. Neyman  
Exhibit No. \_\_\_\_\_ (MDN-2)  
Schedule C-2  
Page 1 of 5

GULF POWER COMPANY

PROJECTED CONSERVATION PROGRAM COSTS  
For the Period January, 2000 Through December, 2000

PROGRAMS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	12 MONTH TOTAL	DEMAND COSTS	ENERGY COSTS
1. Residential Energy Audits	32,973	32,973	32,973	32,973	32,973	32,973	32,973	32,973	32,973	32,973	32,973	32,969	395,672		395,672
2. Gulf Express	645	645	645	645	645	645	645	645	645	645	645	640	7,735		7,735
3. In Concert with the Environment	0	0	0	0	0	0	0	0	0	0	0	0	0		0
4. Good Cents Environmental	0	0	0	0	0	0	0	0	0	0	0	0	0		0
5. Duct Leakage	0	0	0	0	0	0	0	0	0	0	0	0	0		0
6. Geothermal Heat Pump	28,179	28,179	28,179	28,179	28,179	28,179	28,179	28,179	28,179	28,179	28,179	28,181	338,150		338,150
7. Advanced Energy Management	60,855	60,855	60,855	60,855	60,855	60,855	60,855	60,855	60,855	60,855	60,855	60,852	730,257	365,129	365,128
8. Comm/Ind Good Cents Bldg	26,013	26,013	26,013	26,013	26,013	26,013	26,013	26,013	26,013	26,013	26,013	26,018	312,161		312,161
9. Comm/Ind E.A. & T.A.A.	49,688	49,688	49,688	49,688	49,688	49,688	49,688	49,688	49,688	49,688	49,688	49,686	596,254		596,254
10. Commercial Mail In Audit	5,923	5,923	5,923	5,923	5,923	5,923	5,923	5,923	5,923	5,923	5,923	5,918	71,071		71,071
11. Solar for Schools	410	410	410	410	410	410	410	410	410	410	410	413	4,923		4,923
12. Research & Development	10,185	10,185	10,185	10,185	10,185	10,185	10,185	10,185	10,185	10,185	10,185	10,188	122,223		122,223
13. Residential Mail In Audit	8,206	8,206	8,206	8,206	8,206	8,206	8,206	8,206	8,206	8,206	8,206	8,200	98,466		98,466
14. Total All Programs	223,077	223,077	223,077	223,077	223,077	223,077	223,077	223,077	223,077	223,077	223,077	223,065	2,676,912	365,129	2,311,783
15. Less: Base Rate Recovery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16. Recoverable Conservation Expenses	223,077	223,077	223,077	223,077	223,077	223,077	223,077	223,077	223,077	223,077	223,077	223,065	2,676,912	365,129	2,311,783

Florida Public Service Commission  
 Docket No. 990002-EG  
 GULF POWER COMPANY  
 Witness: Margaret D. Neyman  
 Exhibit No. (MDN-2)  
 Schedule C-2  
 Page 2 of 5

GULF POWER COMPANY

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN  
Advanced Energy Management  
For the Period January, 2000 Through December, 2000

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Total
1.	Investments (Net of Retirements)		368,294	368,294	368,294	368,294	368,294	368,294	2,209,761
2.	Depreciation Base	1,073,592	1,441,886	1,810,179	2,178,473	2,546,766	2,915,060	3,283,353	
3.	Depreciation Expense (A)		2,684	3,144	4,065	4,986	5,907	6,827	27,613
4.	Cumulative Investment	1,073,592	1,441,886	1,810,179	2,178,473	2,546,766	2,915,060	3,283,353	
5.	Less: Accumulated Depreciation	4,537	7,221	10,365	14,430	19,416	25,323	32,150	
6.	Net Investment	1,069,055	1,434,665	1,799,814	2,164,043	2,527,350	2,889,737	3,251,203	
7.	Average Net Investment		1,251,860	1,617,239	1,981,928	2,345,696	2,708,543	3,070,470	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		11,149	14,403	17,651	20,891	24,122	27,346	115,562
10.	Total Depreciation & Return (Line 3 + 9)		2,684	17,547	21,716	25,877	30,029	34,173	132,026

Line No.	Description	Beginning of Period	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1.	Investments (Net of Retirements)		368,294	368,294	368,294	368,294	368,294	368,294	2,209,761
2.	Depreciation Base		3,651,647	4,019,940	4,388,234	4,756,527	5,124,821	5,493,114	
3.	Depreciation Expense (A)		7,748	8,669	9,589	10,510	11,431	12,352	60,299
4.	Cumulative Investment	3,283,353	3,651,647	4,019,940	4,388,234	4,756,527	5,124,821	5,493,114	
5.	Less: Accumulated Depreciation	32,150	39,898	48,567	58,156	68,666	80,097	92,449	
6.	Net Investment	3,251,203	3,611,749	3,971,373	4,330,078	4,687,861	5,044,724	5,400,665	
7.	Average Net Investment		3,431,476	3,791,561	4,150,725	4,508,969	4,866,292	5,222,694	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		30,561	33,768	36,966	40,157	43,339	46,513	231,304
10.	Total Depreciation & Return (Line 3 + 9)		38,309	42,437	46,555	50,667	54,770	58,865	291,603
								TOTAL	423,629

Notes:  
(A) AEM Property Additions Depreciated at 3% per year  
(B) Revenue Requirement Return is 10.6872%

GULF POWER COMPANY

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN  
Research and Development Energy Education  
January, 2000 Through December, 2000

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Total
1.	Investments (Net of Retirements)				0	0	0	0	
2.	Amortization Base		21,139	21,139	21,139	21,139	21,139	21,139	
3.	Amortization Expense (A)		252	252	252	252	252	252	1,512
4.	Cumulative Investment	21,139	21,139	21,139	21,139	21,139	21,139	21,139	
5.	Less: Accumulated Amortization	12,080	12,332	12,584	12,836	13,088	13,340	13,592	
6.	Net Investment	9,059	8,807	8,555	8,303	8,051	7,799	7,547	
7.	Average Net Investment		8,933	8,681	8,429	8,177	7,925	7,673	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		80	77	75	73	71	68	444
10.	Total Amortization & Return (Line 3 + 9)		332	329	327	325	323	320	1,956

Line No.	Description	Beginning of Period	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1.	Investments (Net of Retirements)		0	0	0	0	0	0	
2.	Amortization Base		21,139	21,139	21,139	21,139	21,139	21,139	
3.	Amortization Expense (A)		252	252	252	252	252	252	1,512
4.	Cumulative Investment	21,139	21,139	21,139	21,139	21,139	21,139	21,139	
5.	Less: Accumulated Amortization	13,592	13,844	14,096	14,348	14,600	14,852	15,104	
6.	Net Investment	7,547	7,295	7,043	6,791	6,539	6,287	6,035	
7.	Average Net Investment		7,421	7,169	6,917	6,665	6,413	6,161	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		66	64	62	59	57	55	363
10.	Total Amortization & Return (Line 3 + 9)		318	316	314	311	309	307	1,875

TOTAL 3,831

Notes:  
(A) 1995 Additions Amortized over 7 Year Period  
(B) Revenue Requirement Return is 10.6872%



GULF POWER COMPANY

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN  
Research and Development Commercial Technology  
For the Period January, 2000 Through December, 2000

Line No.	Description	Beginning of Period	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Total
1.	Investments (Net of Retirements)				0	0	0	0	
2.	Amortization Base		939	939	939	939	939	939	
3.	Amortization Expense (A)		11	11	11	11	11	11	66
4.	Cumulative Investment	939	939	939	939	939	939	939	
5.	Less: Accumulated Amortization	537	548	559	570	581	592	603	
6.	Net Investment	402	391	380	369	358	347	336	
7.	Average Net Investment		397.00	386.00	375.00	364.00	353.00	342.00	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		4	3	3	3	3	3	19
10.	Total Amortization & Return (Line 3 + 9)		15	14	14	14	14	14	85

Line No.	Description	Beginning of Period	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	Total
1.	Investments (Net of Retirements)		0	0	0	0	0	0	
2.	Amortization Base		939	939	939	939	939	939	
3.	Amortization Expense (A)		11	11	11	11	11	11	66
4.	Cumulative Investment	939	939	939	939	939	939	939	
5.	Less: Accumulated Amortization	603	614	625	636	647	658	669	
6.	Net Investment	336	325	314	303	292	281	270	
7.	Average Net Investment		331	320	309	298	287	276	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	0.8906%	
9.	Return Requirement on Average Net Investment		3	3	3	3	3	2	17
10.	Total Amortization & Return (Line 3 + 9)		14	14	14	14	14	13	83
								TOTAL	168

Notes:  
(A) 1995 Additions Amortized over 7 Year Period  
(B) Revenue Requirement Return is 10.6872%

GULF POWER COMPANY  
CONSERVATION PROGRAM COST  
January, 1999 Through August, 1999, Actual  
September, 1999 Through December, 1999, Estimated

Actual	Capital Return & Depreciation	Payroll & Benefits	Materials Vehicles & Expenses	Outside Services	Advertising	Incentives	Other	Program Revenues (Credits)	TOTAL
<b>1. Residential Energy Audits</b>									
a. Actual	0.00	158,975.98	24,122.77	0.00	7,121.25	0.00	0.00	0.00	190,220.00
b. Estimated	0.00	94,343.02	(2,539.77)	0.00	93,378.75	0.00	0.00	0.00	185,182.00
c. Total	0.00	253,319.00	21,583.00	0.00	100,500.00	0.00	0.00	0.00	375,402.00
<b>2. Gulf Express</b>									
a. Actual	0.00	2,374.68	(4,555.42)	0.00	0.00	0.00	0.00	0.00	(2,180.74)
b. Estimated	0.00	1,117.32	11,455.42	0.00	0.00	0.00	0.00	0.00	12,572.74
c. Total	0.00	3,492.00	6,900.00	0.00	0.00	0.00	0.00	0.00	10,392.00
<b>3. In Concert with the Environment</b>									
a. Actual	0.00	7,290.68	920.33	0.00	0.00	0.00	0.00	0.00	8,211.01
b. Estimated	0.00	(7,290.68)	(920.33)	0.00	0.00	0.00	0.00	0.00	(8,211.01)
c. Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>4. Environmental Good Cents Home</b>									
a. Actual	0.00	0.00	(42.22)	0.00	0.00	0.00	0.00	0.00	(42.22)
b. Estimated	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. Total	0.00	0.00	(42.22)	0.00	0.00	0.00	0.00	0.00	(42.22)
<b>5. Duct Leakage</b>									
a. Actual	0.00	197.06	25.35	0.00	0.00	0.00	0.00	0.00	222.41
b. Estimated	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. Total	0.00	197.06	25.35	0.00	0.00	0.00	0.00	0.00	222.41
<b>6. Geothermal Heat Pump</b>									
a. Actual	0.00	56,713.60	27,509.30	0.00	25,835.22	0.00	0.00	0.00	110,058.12
b. Estimated	0.00	88,041.40	50,167.70	0.00	85,852.78	0.00	0.00	0.00	224,061.88
c. Total	0.00	144,755.00	77,677.00	0.00	111,688.00	0.00	0.00	0.00	334,120.00
<b>7. Advanced Energy Management</b>									
a. Actual	76,090.35	138,592.81	595,691.23	0.00	1,728.00	0.00	0.00	0.00	812,102.39
b. Estimated	47,852.29	83,616.00	292,652.00	0.00	0.00	0.00	0.00	4,530.00	419,590.29
c. Total	123,942.64	222,208.81	888,343.23	0.00	1,728.00	0.00	0.00	4,530.00	1,231,692.68
<b>8. Comm/Ind Good Cents Bldg</b>									
a. Actual	0.00	163,329.84	20,831.80	0.00	0.00	0.00	0.00	0.00	184,161.64
b. Estimated	0.00	(15,463.84)	1,004.20	0.00	25,125.00	0.00	0.00	0.00	10,665.36
c. Total	0.00	147,866.00	21,836.00	0.00	25,125.00	0.00	0.00	0.00	194,827.00
<b>9. Comm/Ind E.A. &amp; T.A.A.</b>									
a. Actual	0.00	320,173.17	52,521.52	0.00	432.00	0.00	0.00	0.00	373,126.69
b. Estimated	0.00	211,480.83	25,301.48	0.00	9,568.00	0.00	0.00	0.00	246,350.31
c. Total	0.00	531,654.00	77,823.00	0.00	10,000.00	0.00	0.00	0.00	619,477.00
<b>10. Commercial Mail In Audit</b>									
a. Actual	0.00	16,043.67	10,357.11	0.00	0.00	0.00	0.00	0.00	26,400.78
b. Estimated	0.00	9,331.33	54,642.89	0.00	0.00	0.00	0.00	0.00	63,974.22
c. Total	0.00	25,375.00	65,000.00	0.00	0.00	0.00	0.00	0.00	90,375.00
<b>11. Solar for Schools</b>									
a. Actual	0.00	3,237.95	730.09	0.00	0.00	0.00	0.00	0.00	3,968.04
b. Estimated	0.00	2,850.05	(230.09)	0.00	0.00	0.00	0.00	0.00	2,619.96
c. Total	0.00	6,088.00	500.00	0.00	0.00	0.00	0.00	0.00	6,588.00
<b>12. Research &amp; Development</b>									
a. Actual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. Actual Geothermal Heat Pump	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c. Actual FCG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
d. Actual Desiccant	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
e. Actual Energy Education	2,802.14	0.00	27,102.46	0.00	0.00	0.00	0.00	0.00	29,904.60
f. Actual Commercial Technology	124.48	0.00	8,980.76	0.00	0.00	0.00	0.00	0.00	9,105.24
g. Actual PJC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
h. Actual Slinky Loop	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
i. Actual Dunes	0.00	0.00	87.12	0.00	0.00	0.00	0.00	0.00	87.12
j. Actual Van Norman	0.00	0.00	81.90	0.00	0.00	0.00	0.00	0.00	81.90
k. Actual Shores	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l. Actual Sleep Inn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
m. Actual Closed Loop Dentist	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
n. Actual GCCC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
o. Actual H2O Pur.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
p. Actual Joe Rldge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
q. Actual Jim Day	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
r. Actual Burger King	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
s. Actual Hampton	0.00	0.00	788.95	0.00	0.00	0.00	0.00	0.00	788.95
t. Actual Boardwalk	0.00	0.00	58.72	0.00	0.00	0.00	0.00	0.00	58.72
u. Total Actual	2,926.62	0.00	37,099.91	0.00	0.00	0.00	0.00	0.00	40,026.53
v. Estimated	1,409.38	0.00	110,600.09	0.00	0.00	0.00	0.00	0.00	112,009.47
w. Total	4,336.00	0.00	147,700.00	0.00	0.00	0.00	0.00	0.00	152,036.00
<b>13. Residential Mail In Audit</b>									
a. Actual	0.00	29,495.20	5,544.91	0.00	0.00	0.00	0.00	0.00	35,040.11
b. Estimated	0.00	16,785.80	(4,544.91)	0.00	50,000.00	0.00	0.00	0.00	62,240.89
c. Total	0.00	46,281.00	1,000.00	0.00	50,000.00	0.00	0.00	0.00	97,281.00
<b>14. Total All Programs</b>									
	128,278.64	1,381,235.87	1,308,345.36	0.00	299,041.00	0.00	0.00	4,530.00	3,112,370.87

GULF POWER COMPANY  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN  
 Advanced Energy Management  
 For the Period January, 1999 Through December, 1999

Line No.	Beginning of Period	January	February	March	April	May	June	July	August	Projected September	Projected October	Projected November	Projected December	Total
1. Investments (Net of Retirements)	1,057,085.54	0.00	0.00	12,860.01	3,611.49	0.00	0.00	34.57	0.00	0.00	1,155,434.61	163,686.00	245,529.00	
2. Depreciation Base		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,155,434.61	1,319,120.61	1,564,649.61	
3. Depreciation Expense (A)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,444.29	3,093.19	4,537.48
4. Cumulative Investment	1,057,085.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,155,434.61	1,319,120.61	1,564,649.61	
5. Less: Accumulated Depreciation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,444.29	4,537.48	
6. Net Investment	1,057,085.54	1,057,085.54	1,057,085.54	1,069,945.55	1,073,557.04	1,073,557.04	1,073,557.04	1,073,591.61	1,073,591.61	1,073,591.61	1,155,434.61	1,317,676.32	1,560,112.13	
7. Average Net Investment		1,057,085.54	1,057,085.54	1,063,515.55	1,071,751.30	1,073,557.04	1,073,557.04	1,073,574.33	1,073,591.61	1,073,591.61	1,114,513.11	1,236,555.47	1,438,894.23	
8. Rate of Return / 12 (Including Income Taxes) (B)		0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	
9. Return Requirement on Average Net Investment		9,414.40	9,414.40	9,471.67	9,545.02	9,561.10	9,561.10	9,561.25	9,561.41	9,561.41	9,925.85	11,012.76	12,814.79	119,405.16
10. Total Depreciation & Return (Line 3 + 9)		9,414.40	9,414.40	9,471.67	9,545.02	9,561.10	9,561.10	9,561.25	9,561.41	9,561.41	9,925.85	12,457.05	15,907.98	123,942.64

Notes:  
 (A) AEM Property Additions Depreciated at 3% per year  
 (B) Revenue Requirement Return is 10.6872%

GULF POWER COMPANY  
 In Concert with the Environment and Advanced Energy Management  
 Calculation of Revision for January through August, 1999

	January	February	March	April	May	June	July	August	Total
11. In Concert with the Environment Revision	(1,243.03)	(1,098.64)	(1,303.19)	(1,291.48)	(1,328.46)	(1,275.90)	(704.30)	33.99	(8,211.01)
12. Advanced Energy Management Revision	9,414.40	9,414.40	9,471.67	9,545.02	9,561.10	9,561.10	9,561.25	9,561.41	76,090.35
13. Total	8,171.37	8,315.76	8,168.48	8,253.54	8,232.64	8,285.20	8,856.95	9,595.40	67,879.34
14. Interest Rate First Day Reporting Business Month	4.90	4.81	4.85	4.88	4.80	4.85	5.05	5.10	
15. Interest Rate First Day Subsequent Business Month	4.81	4.85	4.88	4.80	4.85	5.05	5.10	5.32	
16. Total	9.71	9.66	9.73	9.68	9.65	9.90	10.15	10.42	
17. Average Interest rate	4.8550	4.8300	4.8650	4.8400	4.8250	4.9500	5.0750	5.2100	
18. Monthly Average Interest Rate	0.004046	0.004025	0.004054	0.004033	0.004021	0.004125	0.004229	0.004342	
19. Interest Provision	33.06	33.47	33.12	33.29	33.10	34.18	37.46	41.66	279.34

GULF POWER COMPANY

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN  
 Research and Development Energy Education  
 For the Period January, 1999 Through December, 1999

Line No.	Description	Beginning of Period	Actual Jan	Actual Feb	Actual Mar	Actual Apr	Actual May	Actual Jun	Actual Jul	Actual Aug	Projected Sep	Projected Oct	Projected Nov	Projected Dec	Total
1.	Investments (Net of Retirements)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.	Amortization Base		21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	
3.	Amortization Expense (A)		251.65	251.65	251.65	251.65	251.65	251.65	251.65	251.65	251.65	251.65	251.65	251.65	3,019.80
4.	Cumulative Investment	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	21,139.00	
5.	Less: Accumulated Amortization	9,059.40	9,311.05	9,562.70	9,814.35	10,066.00	10,317.65	10,569.30	10,820.95	11,072.60	11,324.25	11,575.90	11,827.55	12,079.20	
6.	Net Investment	12,079.60	11,827.95	11,576.30	11,324.65	11,073.00	10,821.35	10,569.70	10,318.05	10,066.40	9,814.75	9,563.10	9,311.45	9,059.80	
7.	Average Net Investment		11,953.78	11,702.13	11,450.48	11,198.83	10,947.18	10,695.53	10,443.88	10,192.23	9,940.58	9,688.93	9,437.28	9,185.63	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	
9.	Return Requirement on Average Net Investment		106.46	104.22	101.98	99.74	97.50	95.25	93.01	90.77	88.53	86.29	84.05	81.81	1,129.61
10.	Total Amortization & Return (Line 3 + 9)		358.11	355.87	353.63	351.39	349.15	346.90	344.66	342.42	340.18	337.94	335.70	333.46	4,149.41

Notes:  
 (A) 1995 Additions Amortized over 7 Year Period; No additions after 1995  
 (B) Revenue Requirement Return is 10.6872%

Florida Public Service Commission  
 Docket No. 990002-EG  
 GULF POWER COMPANY  
 Witness: Margaret D. Neyman  
 Exhibit No. \_\_\_\_\_ (MDN-2)  
 Schedule C-3  
 Page 3 of 7

GULF POWER COMPANY

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN  
 Research and Development Commercial Technology  
 For the Period January, 1999 Through December, 1999

Line No.	Description	Beginning of Period	Actual Jan	Actual Feb	Actual Mar	Actual Apr	Actual May	Actual Jun	Actual Jul	Actual Aug	Projected Sep	Projected Oct	Projected Nov	Projected Dec	Total
1.	Investments (Net of Retirements)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.	Amortization Base		939.00	939.00	939.00	939.00	939.00	939.00	939.00	939.00	939.00	939.00	939.00	939.00	
3.	Amortization Expense (A)		11.18	11.18	11.18	11.18	11.18	11.18	11.18	11.18	11.18	11.18	11.18	11.18	134.16
4.	Cumulative Investment	939.00	939.00	939.00	939.00	939.00	939.00	939.00	939.00	939.00	939.00	939.00	939.00	939.00	
5.	Less: Accumulated Amortization	402.48	413.66	424.84	436.02	447.20	458.38	469.56	480.74	491.92	503.10	514.28	525.46	536.64	
6.	Net Investment	536.52	525.34	514.16	502.98	491.80	480.62	469.44	458.26	447.08	435.90	424.72	413.54	402.36	
7.	Average Net Investment		530.93	519.75	508.57	497.39	486.21	475.03	463.85	452.67	441.49	430.31	419.13	407.95	
8.	Rate of Return / 12 (Including Income Taxes) (B)		0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	0.008906	
9.	Return Requirement on Average Net Investment		4.73	4.63	4.53	4.43	4.33	4.23	4.13	4.03	3.93	3.83	3.73	3.63	50.16
10.	Total Amortization & Return (Line 3 + 9)		15.91	15.81	15.71	15.61	15.51	15.41	15.31	15.21	15.11	15.01	14.91	14.81	184.32

Notes:

- (A) 1995 Additions Amortized over 7 Year Period; No additions after 1995
- (B) Revenue Requirement Return is 10.6872%

GULF POWER COMPANY

CONSERVATION PROGRAM COSTS FOR  
January, 1999 Through August, 1999, Actual  
September, 1999 Through December, 1999, Estimated

	ACTUAL									TOTAL ACT	In Concert w/Env and Advanced Energy Mgmt Revision	ESTIMATED				TOTAL ACTUAL & ESTIMATED		
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP			OCT	NOV	DEC	TOTAL EST			
1. Residential Energy Audits	28,290.91	18,016.80	22,614.16	22,986.37	22,841.18	22,818.72	24,487.49	28,164.37	190,220.00			46,296.00	46,296.00	46,296.00	46,294.00	185,182.00	375,402.00	
2. Gulf Express	284.68	261.64	(4,248.17)	299.67	307.84	297.91	307.85	307.84	(2,180.74)			3,143.00	3,143.00	3,143.00	3,143.74	12,572.74	10,392.00	
3. In Concert with the Environment	1,243.03	1,098.64	1,303.19	1,291.48	1,328.46	1,275.90	704.30	(33.99)	8,211.01	(8,211.01)		0.00	0.00	0.00	0.00	(8,211.01)	0.00	
4. Good Cents Environmental	0.00	0.00	0.00					(42.22)	(42.22)			0.00	0.00	0.00	0.00	0.00	(42.22)	
5. Duct Leakage	293.97	(40.63)	(40.96)	10.03					222.41			0.00	0.00	0.00	0.00	0.00	222.41	
6. Geothermal Heat Pump	8,290.27	13,702.60	11,977.03	8,190.45	8,605.22	19,787.77	30,996.00	8,508.78	110,058.12			56,015.00	56,015.00	56,015.00	56,016.88	224,061.88	334,120.00	
7. Advanced Energy Management	31,329.61	84,077.69	96,255.55	96,173.82	47,353.50	86,216.98	115,806.93	178,197.96	736,012.04	76,090.35		104,898.00	104,898.00	104,898.00	104,896.29	419,590.29	1,231,692.68	
8. Comm/Ind Good Cents Bldg	29,597.23	20,099.52	22,890.06	23,983.27	20,697.73	24,985.87	20,948.30	20,959.66	184,161.64			2,666.00	2,666.00	2,666.00	2,667.36	10,665.36	194,827.00	
9. Comm/Ind E.A. & T.A.A.	48,130.74	53,266.27	60,905.45	28,599.85	44,110.42	47,900.16	41,932.97	48,280.83	373,126.69			61,588.00	61,588.00	61,588.00	61,586.31	246,350.31	619,477.00	
10. Commercial Mail In Audit	2,073.39	4,895.99	3,764.99	2,378.33	4,498.24	2,984.77	2,481.70	3,323.37	26,400.78			15,994.00	15,994.00	15,994.00	15,992.22	63,974.22	90,375.00	
11. Solar for Schools	236.65	427.49	383.67	430.01	837.23	836.54	455.87	360.58	3,968.04			655.00	655.00	655.00	654.96	2,619.96	6,588.00	
12. Research & Development End Use Profiling Geothermal Heat Pump FCG Desiccant Dehum. H. P. Energy Education Commercial Technology PJC Slinky Loop Mat H. P. Dunes Van Norman Shores Sleep Inn Closed Loop Dentist GCCC H2O Pur. Joe Ridge Jim Day Burger King Hampton Boardwalk Low Income Multi-Fam.	5,960.56 1,872.36	1,067.71 251.69	3,633.51 1,102.54	3,594.77 1,090.35	1,240.48 310.87	4,111.44 1,262.84	8,718.95 2,790.22	1,577.18 424.37										
13. Residential Mail In Audit	4,258.99	3,698.60	4,398.80	4,299.53	4,472.70	4,409.62	5,007.50	4,494.37	35,040.11			15,560.00	15,560.00	15,560.00	15,560.89	62,240.89	97,281.00	
14. Total All Programs	162,512.08	201,073.92	225,020.22	193,327.93	156,745.17	217,032.65	254,789.94	294,722.50	1,705,224.41	67,879.34		334,817.00	334,817.00	334,817.00	334,816.12	1,331,056.11	3,112,370.87	
15. Less: Base Rate Recovery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	
16. Net Recoverable Expenses	162,512.08	201,073.92	225,020.22	193,327.93	156,745.17	217,032.65	254,789.94	294,722.50	1,705,224.41	67,879.34		334,817.00	334,817.00	334,817.00	334,816.12	1,331,056.11	3,112,370.87	

Florida Public Service Commission  
Docket No. 990002-EG  
GULF POWER COMPANY  
Witness: Margaret D. Neyman  
Exhibit No. \_\_\_\_\_ (MDN-2)  
Schedule C-3  
Page 5 of 7

GULF POWER COMPANY

ESTIMATED TRUE-UP ENERGY CONSERVATION CLAUSE  
For the Period: January, 1999 through December, 1999

Conservation Revenues	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	AUDIT	ACTUAL	In Concert w/Env and Advanced Energy Mgmt REVISION	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	TOTAL
	JAN	EEB	MARCH	APRIL	MAY	JUNE	JULY	ADJUSTMENT	AUGUST		SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1. a. Residential Conservation Audit Fees	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. (Other Fees)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Conservation Revenues	142,183.18	116,352.74	123,556.32	136,795.97	153,212.73	176,330.09	187,779.92	0.00	205,229.09		168,665.56	134,478.41	126,358.57	152,184.73	1,833,137.30
3. Total Revenues	142,183.18	116,352.74	123,556.32	136,795.97	153,212.73	176,330.09	197,779.92	0.00	205,229.09	0.00	168,665.56	134,478.41	126,358.57	152,184.73	1,833,137.30
4. Adjustment not Applicable to Period - Prior True Up	65,560.25	65,560.25	65,560.25	65,560.25	65,560.25	65,560.25	65,560.25		65,560.25		65,560.25	65,560.25	65,560.25	65,560.25	786,723.00
5. Conservation Revenues Applicable to Period	207,753.43	181,912.99	189,116.57	202,356.22	218,772.98	241,890.34	263,340.17	0.00	270,789.34	0.00	234,225.81	200,038.66	191,918.82	217,744.98	2,619,860.30
6. Conservation Expenses (Form C-3 Page 3 of 5)	162,512.06	201,073.92	225,020.22	193,327.93	156,745.17	217,032.65	254,789.94	(3,713.22)	298,435.72	67,879.34	334,817.00	334,817.00	334,817.00	334,816.12	3,112,370.87
7. True Up this Period (Line 5 minus Line 6)	45,241.35	(19,160.93)	(35,903.65)	9,028.29	62,027.81	24,857.69	8,550.23	3,713.22	(27,646.38)	(67,879.34)	(100,591.19)	(134,778.34)	(142,898.18)	(117,071.14)	(482,510.57)
8. Interest Provision this Period (Page 10, Line 10)	1,458.60	1,245.56	882.23	562.63	442.39	364.44	168.56	274.65	(135.00)	279.34	(992.11)	(1,792.00)	(2,687.21)	(3,547.87)	(3,475.79)
9. True Up & Interest Provision Beginning of Month	370,677.64	351,817.34	268,341.72	167,760.05	111,790.72	108,700.67	68,362.55	11,521.09	15,508.96	(77,832.67)	(145,432.67)	(312,576.22)	(514,706.81)	(725,852.45)	370,677.64
10. Prior True Up Collected or Refunded	(65,560.25)	(65,560.25)	(65,560.25)	(65,560.25)	(65,560.25)	(65,560.25)	(65,560.25)		(65,560.25)	0.00	(65,560.25)	(65,560.25)	(65,560.25)	(65,560.25)	(786,723.00)
End of Period- Net True Up	351,817.34	268,341.72	167,760.05	111,790.72	108,700.67	68,362.55	11,521.09	15,508.96	(77,832.67)	(145,432.67)	(312,576.22)	(514,706.81)	(725,852.45)	(912,031.72)	(912,031.72)

GULF POWER COMPANY  
INTEREST CALCULATION  
ENERGY CONSERVATION CLAUSE  
For the Period: January, 1999 through December, 1999

Interest Provision	ACTUAL JAN	ACTUAL FEB	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ACTUAL JULY	AUDIT ADJUSTMENT	ACTUAL AUGUST	In Concert w/Env and Advanced Energy Mgmt Plan	ESTIMATED SEPTEMBER	ESTIMATED OCTOBER	ESTIMATED NOVEMBER	ESTIMATED DECEMBER	TOTAL
1. Beginning True up Amount	370,677.64	351,817.34	288,341.72	167,760.05	111,790.72	108,700.67	68,362.55	0.00	16,508.98	0.00	(145,432.87)	(312,576.22)	(514,706.81)	(725,852.45)	
2. Ending True up before Interest	350,358.74	287,006.16	166,877.82	111,228.09	108,258.28	67,898.11	11,352.53	0.00	(77,687.67)	0.00	(311,584.11)	(512,814.81)	(723,165.24)	(908,483.85)	
3. Total beginning & ending	721,036.38	618,913.50	435,219.54	278,988.14	220,049.00	176,698.78	79,715.08	0.00	(62,188.71)	0.00	(457,018.78)	(826,491.03)	(1,237,872.06)	(1,634,336.30)	
4. Average True up Amount	360,518.19	309,458.75	217,609.77	139,494.07	110,024.50	88,349.39	39,857.54	0.00	(31,084.35)	0.00	(228,608.39)	(412,745.62)	(618,936.03)	(817,168.15)	
5. Interest Rate First Day Reporting Business Month	4.90	4.81	4.85	4.88	4.80	4.85	5.05		5.10	0.00	5.10	5.10	5.10	5.10	
6. Interest Rate First Day Subsequent Business Month	4.81	4.85	4.88	4.80	4.85	5.05	5.10		5.32	0.00	5.32	5.32	5.32	5.32	
7. Total of Lines 5 and 6	9.71	9.66	9.73	9.68	9.65	9.90	10.15	0.00	10.42	0.00	10.42	10.42	10.42	10.42	
8. Average Interest rate (50% of Line 7)	4.8550	4.8300	4.8650	4.8400	4.8250	4.9500	5.0750	0.0000	5.2100	0.0000	5.2100	5.2100	5.2100	5.2100	
9. Monthly Average Interest Rate Line 8 \ 12	0.004046	0.004025	0.004054	0.004033	0.004021	0.004125	0.004229	0.000000	0.004342	0.000000	0.004342	0.004342	0.004342	0.004342	
10. Interest Provision (line 4 X 9)	1,458.60	1,245.56	882.23	562.63	442.39	364.44	168.56	274.65	(135.00)	279.34	(892.11)	(1,782.00)	(2,687.21)	(3,547.87)	(3,475.79)

Proj2000.xls C3a

Florida Public Service Commission  
Docket No. 990002-EG  
GULF POWER COMPANY  
Witness: Margaret D. Neyman  
Exhibit No. \_\_\_\_\_ (MDN-2)  
Schedule C-3  
Page 7 of 7



**GULF POWER COMPANY  
CALCULATION OF CONSERVATION REVENUES**  
For the Period: September, 1999 Through December, 1999

	Month	MWH Sales	Revenue (Ave Cents/KWH)	Clause Revenue Net of Revenue Taxes ( \$ )
1.	9/99	876,759	0.019	168,665.56
2.	10/99	702,364	0.019	134,478.41
3.	11/99	659,098	0.019	126,358.57
4.	12/99	790,933	0.019	152,184.73

Program Description and Progress

Program Title: Residential Energy Audits

Program Description: This program consists of two types of audits: (1) Class A Energy Conservation Audits and (2) centsable Energy checks, a walk-through audit. Both of these audits are performed on-site and involve assisting the customer in upgrading the thermal and equipment efficiencies in their homes as well as lifestyle measures and low or no cost improvements.

Program Projections: For the period January, 2000, through December, 2000, we expect to achieve 1,500 audits and incur expenses totaling \$395,672.

Program Accomplishments: 792 audits have been conducted during the first eight months of 1999 compared to a budget of 1,333 for a deviation of 541 audits under projection.

Program Fiscal Expenditures: Actual expenses were \$190,220 compared to a budget of \$250,268 for a difference of \$60,048 or 23.9% below budget.

Program Progress Summary: Since the approval of this program Gulf has performed 126,299 residential energy audits. This is a result of Gulf's promotional campaign to solicit energy audits as well as the overall rapport established with its customers as the "energy experts" in Northwest Florida.

Program Description and Progress

Program Title: Residential Mail-In Audits

Program Description: The Residential Mail-In Audit Program is a direct mail energy auditing program. This program supplements Gulf's existing Residential Energy Audit program and assists in the evaluation of the specific energy requirements of a residential dwelling. Homeowners complete an audit questionnaire on their own or may request the assistance of a Gulf Power representative. This questionnaire asks customers about their energy consuming equipment or appliances, square footage, and other details regarding their lifestyles. The audit results package will be returned to the customer and will include targeted, timely information about energy conservation opportunities specific to each dwelling.

Program Projections: For the period January, 2000, through December, 2000, we expect to achieve 1,500 audits and incur expenses totaling \$98,466.

Program Accomplishments: 93 audits were conducted using this process during the reporting period compared to a goal of 667 for a deviation of 567 mail-in audits.

Program Fiscal Expenditures: Forecasted expenses were \$64,854 for January through August, 1999, compared to actual expenses of \$35,040 for the same months, resulting in \$29,814 or 45.9% below budget.

Program Progress Summary: This program was approved on August 5, 1997. Since then, there have been 378 mail-in audits conducted.

Program Description and Progress

Program Title: Gulf Express Loan Program

Program Description: The objective of this program was to encourage and achieve energy conservation. The program provided below market interest rates from participating banks to customers as an incentive to install energy conservation features in their homes.

Program Projections: This program is no longer accepting new loans. Program projections are longer be made for this program.

Program Accomplishments: There were no new loans during this period. New loans in this program were discontinued as of second quarter, 1997.

Program Fiscal Expenditures: Forecasted expenses for administrative costs were \$6,928 compared to actual expenses of (\$2,181) year-to-date in 1999. Actual expenses are negative due to the payment in March, 1999, to Gulf for a defaulted loan. All future expenses will be for the administration of existing loans.

Program Progress Summary: During the implementation of the permanent loan program, Gulf completed 1,953 Gulf Express Loans.

Program Description and Progress

Program Title: In Concert With The Environment

Program Description: In Concert With The Environment is an environmental and energy awareness program that is being implemented in the 8th and 9th grade science classes. The program shows students how everyday energy use impacts the environment and how using energy wisely increases environmental quality.

Program Projections: In Concert With The Environment is no longer projected to be presented to students. For the remainder of this period, Gulf will keep the program in place and offer it to the schools on an as requested basis. However, the company will no longer promote the program and will be discontinuing it at the end of 2000, which is end of the contract with the survey/tabulation company. During the projection period, we do not expect to incur any expenses.

Program Accomplishments: In Concert With The Environment was not presented to any students during the months of January through August, 1999.

Program Fiscal Expenditures: Expenses for the 8 months ending August, 1999, are \$8,211. Due to this program's lack of acceptance, these expenses will be reversed during September so that there are no expenses for this program for the January through December, 1999, period. The program will be made available should a school desire to participate, but the program will no longer be promoted as a stand alone program.

Program Progress Summary: Since the beginning of the program, 4,378 students have participated in the program.

Program Description and Progress

Program Title: GoodCents Environmental Home

Program Description: GoodCents Environmental Home Program provides residential customers with guidance concerning energy and environmental efficiency in new construction. The program promotes energy-efficient and environmentally sensitive home construction techniques by evaluating over 500 components in six categories of design construction practices.

Program Projections: Gulf projects no GoodCents Environmental Homes to be completed. This program has been evaluated and Gulf is no longer promoting this as a stand alone program.

Program Accomplishments: During this recovery period, no GoodCents Environmental Homes were constructed. This program was approved in October, 1996, as part of the conservation programs in Gulf's Demand-Side Management Plan, Docket 941172-EI. However, it has experienced very little acceptance with builders because of added cost of materials, availability problems with materials, and current public attitudes toward environmental issues. Gulf Power will maintain the availability of this program to our builders and customers, however, we no longer actively advertise and promote this program.

Program Fiscal Expenditures: For the period January, 1999, through August, 1999, there were no expenses projected and no expenses incurred for this program. There is a credit of \$42.22 due prior expenses being removed from the program during this projection period.

Program Progress Summary: Ten homes have been certified to meet the GoodCents Environmental Home standards.

Program Description and Progress

Program Title: Duct Leakage Repair

Program Description: This program design results from Gulf Power's 1992 HVAC Duct and Infiltration (Blower Door) Pilot Program. The object of the program is to provide the customer with a means to identify house air duct leakage and recommend repairs that can reduce customer kWh energy usage and kW demand.

Program Projections: This program has been evaluated and Gulf will no longer budget and promote this program. The program will remain available for customers desiring the service, but it will not be promoted as a stand-alone program for the 2000 projection period.

Program Accomplishments: Gulf has provided demonstrations and training to builders, dealers and homeowners regarding duct leakage and duct testing methods and procedures during this period. No customers participated in the Duct Leakage Repair program during this period.

Program Fiscal Expenditures: Projected expenses were \$333 compared to actual expenses of \$222 for the first eight months of 1999 resulting in a deviation of \$111 below goal.

Program Progress Summary: Program activities have related to education, training, and program development. Since the program's beginning, 13 customers have participated in the program.

Program Description and Progress

Program Title: Geothermal Heat Pump

Program Description: The objective of this program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of geothermal systems.

Program Projections: Gulf estimates the installation of 500 units during this projection period and expenses of \$338,150. Gulf's program implementation will include promotion, education, training, and guaranteed heating and cooling costs for new and existing home customers.

Program Accomplishments: During this recovery period, 52 Geothermal Heat Pump units were installed.

Program Fiscal Expenditures: For the first eight months of the recovery period, expenses were projected to be \$222,747 compared to actual expenses of \$110,058 for a deviation of \$112,689 or 50.5% below budget.

Program Progress Summary: To date, 818 units have been completed.



Program Description and Progress

Program Title: Advanced Energy Management (Marketed under the name GoodCents Select.)

Program Description: The program is designed to provide the customer with a means of conveniently and automatically controlling and monitoring his/her energy purchases in response to prices that vary during the day and by season in relation to the Company's cost of producing or purchasing energy.

Program Projections: During this projection period, Gulf expects to have 5,400 installations for a total of 6,000 customers participating in the program. The program expenses are projected to be \$423,629 in depreciation and amortization; \$420,805, payroll; \$296,082, materials; and \$25,000, advertising. These expenses will be offset by projected program revenues of \$189,128 and \$246,132 for credits Gulf will be receiving from the equipment vendor.

Program Accomplishments: Gulf has experienced delays in receiving working prototypes and production equipment from the vendor. To date, no production units have been installed.

Program Fiscal Expenditures: This program has projected expenses of \$453,001 for the period January through August, 1999 with actual expenses of \$736,012. This results in a deviation of \$283,011 or 62.5% over budget. The program is over budget due to fact that there are expenses associated with the program that have not been offset by revenues from the program. Gulf expects to begin receiving production units in October, 1999.

Program Progress Summary: Equipment and installation is expected to commence late in the fourth quarter of 1999.

Program Description and Progress

Program Title: GoodCents Building

Program Description: This program is designed to educate non-residential customers on the most cost-effective methods of designing new and improving existing buildings. The program stresses efficient heating and cooling equipment, improved thermal envelope, operation and maintenance, lighting, cooking and water heating. Field representatives work with architects, engineers, consultants, contractors, equipment suppliers and building owners and occupants to encourage them to make the most efficient use of all energy sources and available technologies.

Program Projections: For the period January, 2000, through December, 2000, we expect to achieve 215 GoodCents Buildings and incur expenses totaling \$312,161.

Program Accomplishments: Our goal during the current period was 143 installations compared to actual installations of 162 for a difference of 19 above goal.

Program Fiscal Expenditures: Forecasted expenses were \$129,885 compared to actual expenses of \$184,162 for a deviation of \$54,277 over budget. This program is over budget on expenses due to customers requesting additional information regarding the GoodCents Building Program.

Program Progress Summary: A total of 7,666 commercial buildings have qualified for the GoodCents certification since the program was developed in 1977.

Program Description and Progress

Program Title: Energy Audits and Technical Assistance Audits

Program Description: This program is designed to provide professional advice to our existing commercial and industrial customers on how to reduce and make the most efficient use of energy. This program covers the smallest commercial customer, requiring only a walk-through survey, to the use of computer programs which will simulate several design options for very large energy intensive customers. The program is designed to include six month and annual follow-ups with the customer to verify any conservation measures installed and to reinforce the need to continue with more conservation efforts.

Program Projections: For the period, January, 2000 through December, 2000, we expect to achieve 150 audits and incur expenses totaling \$596,254.

Program Accomplishments: During this period the goal was 104 while actual results were 72 for a difference of 32 below goal.

Program Fiscal Expenditures: Forecasted expenses were \$412,985 compared to actual expenses of \$373,127 for a deviation of \$39,858 under budget year-to-date. This program is over budget due to fewer audits requested.

Program Progress Summary: A total of 10,980 EA/TAA's have been completed since the program started in January, 1981. These audits have ranged from basic walk-through type for some commercial customers to sophisticated technical assistance audits for other commercial and industrial customers.

Program Description and Progress

Program Title: Commercial/Industrial Mail-In Audit Program

Program Description: The Commercial Mail-In Audit Program is a direct mail energy auditing program. This program will supplement Gulf's existing Commercial/Industrial Energy Audit program and will assist in the evaluation of the specific energy requirements of a given business type. Businesses complete an audit questionnaire on their own or may request the assistance of a Gulf Power representative. This questionnaire asks customers about their energy consuming equipment or appliances, square footage, hours of operation and other details regarding their business operations. The audit results package will be returned to the customer and will include targeted, timely information about energy conservation opportunities specific to each business type and geographic area.

Program Projections: Gulf expects to have 950 customers participate in the Commercial Mail-in Audit during the period and incur expenses of \$71,071.

Program Accomplishments: In this period, 739 mail-in audits have been completed compared to a projection of 633. This program has had a high degree of acceptance and continues to be a successful supplement to Gulf's Energy Audit/Technical Assistance Audit.

Program Fiscal Expenditures: This program incurred actual expenses year-to-date of \$26,401 compared to a budget of \$60,250 for a deviation of \$33,849 or 56.1% under goal.

Program Progress Summary: This program was approved by the FPSC on January 7, 1997, Docket No. 960897-EI. To date, 1528 mail-in audits have been completed.

Program Description and Progress

Program Title: Solar for Schools Pilot

Program Description: This program uses "green pricing" to fund solar technologies in public schools. It also incorporates a school-based energy education component as well as enhanced security lighting for schools.

Program Projections: During the projection period, Gulf will be evaluating various implementation options and implement a "green pricing" promotion plan.

Program Accomplishments: During the period, Gulf continued evaluating various implementation options and developed and implemented the "green pricing" billing mechanism. The initial "green pricing" solicitation began during September, 1996. One middle school is participating in the program and solar lighting is currently being installed at additional schools. The optional "green pricing" billing mechanism has resulted in 317 customers participating with \$22,740.54 being received program-to-date.

Program Fiscal Expenditures: Projected expenses for the period were \$4,392 compared to actual expenses year-to-date of \$3,968 for a deviation of \$424 under goal.

Program Progress Summary: Gulf Power worked with the Florida Energy Extension Service on a prototype Solar for Schools installation at the Ferry Pass Middle School in Pensacola, FL. The installation is completed. Experience gained at this site will be used to design future Solar for Schools installations.

Program Description and Progress

Program Title: Conservation Demonstration and Development

Program Description: A package of conservation programs was approved by the FPSC in Order No. 23561 for Gulf Power Company to explore the development of a program to pursue research, development, and demonstration projects designed to promote energy efficiency and conservation. This program serves as an umbrella program for the identification, development, demonstration and evaluation of new or emerging end-use technologies.

Program Accomplishments:

**Florida Coordinating Group Research and Development** - Gulf Power Company is actively participating in a research initiative commissioned by the Florida Coordinating Group Conservation Steering Committee, formed to evaluate and research demand side management measures. While this is an on-going research project, there were no expenses or activities for this project during this period.

**The Efficiency Store - Energy Education** - Is intended to provide customers with improved interest, awareness, and understanding of energy efficient technologies. The objective is to display and demonstrate those technologies that are designed to promote energy efficiency.

**The Efficiency Store - Commercial Technology Demonstration** is intended to provide commercial customers with an avenue to energy efficient technologies. The objective of the store is to actually display and demonstrate those technologies that yield energy savings and benefits to customers. The customer will benefit through the convenience of one location for these demonstration needs and the ability to view new technologies in full use.

**Slinky Mat Loop Heat Pump** - This type of ground loop design, "slinky loop" or sometimes referred to as a "slinky mat loop", has not been installed in Florida to our knowledge. The system consists of a 2.3 ton Water Furnace geothermal heat pump (AT028) a 2000 square foot home tied to 1800 feet of 3/4 inch polyethylene pipe 5 to 6 feet below grade. The mat loop is designed as 3 - 100 foot trenches with 600 feet of pipe per trench.

One objective of this project was to determine if this ground loop performs as well as the most common "vertical loop" in extracting and rejecting heat from the earth. Another objective of this project was to determine the cost reduction potential of this type of loop. The projected savings on a "slinky loop" installation versus a vertical loop installation for the same unit type is expected to be \$1,000. If the unit performs, the cost reduction should encourage increased geothermal installations.

This project also provided performance results associated with kwh, kW demand, ground source efficiency, supply/return water temperatures and

hot water recovery kwh/kW reduction, with indoor/outdoor temperature monitoring (wet bulb, dry bulb, relative humidity). This project has been completed. The reports are being prepared at this time.

**Closed Loop - Dentist Office - Schwartz Dentist Office**

This commercial project was to introduce and demonstrate geothermal technology benefits. This was a new construction general office building application to be monitored in conjunction with the Geothermal Heat Pump Consortium. It consisted of 10 tons of geothermal equipment connected to an underground closed loop piping system. The site also included a hot water recovery unit to provide hot water needs. This project has been completed. The reports are being prepared at this time.

**Closed Loop - Hotel - Sleep Inn, hospitality/hotel**

This application was for monitoring heating, cooling, and water heating costs. This included 10 tons for heating and cooling in the office/lobby area and room/laundry hot water need provided by a geothermal heat pump water heater with an efficiency rating of 10. This project has been completed. The reports are being prepared at this time.

**Van Norman Project** - This project was a triple function Nordyne heat pump providing heating, cooling, and water heating on demand. The heat pump compressor has a water heating mode. The total house, water heater, air handler and compressor were being monitored. Also, monitoring included air temperatures, water temperatures, and gallons of hot water. This project has been completed. The reports are being prepared at this time.

**The Dunes** - This project monitored two heat pump water heaters in a hotel. Preliminary results were available during the 3rd quarter, 1997. In this project, the Heat Pump Water Heaters were expected to offset the KW demand of existing water heaters and to provide air conditioning to the laundry area. This project has been completed. The reports are being prepared at this time.

**Jim Day Project** - This project was a geothermal system which provided heating and cooling in a residential environment. This project also included a geothermal heat pump water heater. The indoor air temperature, relative humidity, as well as ground loop temperatures were monitored along with the kilowatt hour usage for the geothermal system. Additionally, the geothermal heat pump water heater's water temperature was monitored as well as the kilowatt hour usage, water consumption, and ground loop temperatures. This project has been completed. The reports are being prepared at this time.

**Joe Ridge Project** - This project was a residential study which included a geothermal heat pump with a built in heat recovery unit, a geothermal pool heater and a conventional air to air heat pump. This project was designed to study the efficiency of a geothermal pool heater and the built in heat recovery unit. The indoor air temperature, relative humidity, kilowatt hour consumption, water consumption and ground loop temperatures are monitored. Additionally, the pool temperatures and

water heating temperatures are included in the study. This project has been completed. The reports are being prepared at this time.

**Bay County Schools - Lucille Moore Elementary** - Was a comparative study designed to illustrate the efficiency and demand reduction versus the conventional 10 S.E.E.R. air source systems. One six ton geothermal unit and one six ton air to air heat pump were installed in identical instructional areas in an elementary school. This study monitored the demand and kilowatt hour consumption. Also the environmental issues such as temperature and humidity were monitored as well. This study will also determine the reliability and maintenance reductions associated with the geothermal systems. This project has been completed. The report is being prepared at this time.

**Low Income Multi-Family Housing Project** - This was the first low income CDD project associated with Gulf Power Company. This project was designed to illustrate the efficiency of the geothermal systems compared to the existing heating and cooling systems. The project was designed to demonstrate the reduction in maintenance cost to the facility and improve the quality of life for the tenants. This comparative study included: three apartments retrofitted with geothermal equipment versus three identical structures with the existing heating and cooling equipment. KWh and water heating consumption was monitored for the comparison. Further, the indoor temperatures and ground loop temperatures were monitored also.

**Burger King** - Was a comparative study between gas fryers and electric fryers and the effects on the cooking environment and energy consumption. Monitored equipment in the two Burger King's include: air conditioning, indoor temperatures, relative humidity, kWh, kW demand and of course the fryers. This study was designed to determine which fryer reduced heat within the cooking environment and reduced consumption on the total facility. This project has been completed. The reports are being prepared at this time.

**Dr. Taylor** - This commercial project was also a comparative study designed to illustrate the reduction of kW demand between geothermal heat pumps and air to air heat pumps. Dr. Taylor's office is located next to Dr. Schwartz's office (previously mentioned this report). The two offices were constructed to the exact same specification. The general office building includes 10 tons of high efficient air to air heat pumps and hot water heating to be examined. This project has been completed. The reports are being prepared at this time.

**Hampton Inn** - The Hampton Inn is being used to study geo-thermal heat pump water heaters for their laundry and Pool heating requirements. The Laundry room is cooled and the water heated with Geo-thermal Heat pump water heaters. The hotel pool is heated with a Geo-thermal Heat pump water heater.



**Boardwalk** - The Boardwalk Laundry Room is a research site designed to study the effectiveness of the triple function Nordyne heat pump. This heat pump is designed to cool and heat the laundry room and also heat the water used to do laundry

**Solar Light** - Gulf Power Company is presently testing a solar Photovoltaic light at our Pine Forest facility. The solar light will be monitored for energy consumption and peak demand savings as well as the actual lumen for the security light. A successful test would result in using this light in our Solar for Schools program. This particular light did not use funding from the Solar for Schools Program, however we did use funds from the Conservation Demonstration and Development program.

Program Fiscal Expenditures: Program expenses were forecasted at \$101,357 compared to actual expenses of \$40,027 for a deviation of \$61,337 under budget. Expenses are under budget due to over-estimating project costs and having projects that required start-up costs but have no expenses on a regular monthly basis. Also, during this projection period, several projects have been completed. The reports for those projects are being prepared. Project expenses were as follows: Efficiency Store - Energy Education, \$29,904.60; Efficiency Store - Commercial Technology, \$9,105.24; Van Norman, \$81.90; The Dunes, \$87.12; Hampton, \$788.95; and Boardwalk, \$58.72.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-1)  
SUBMITTED FOR FILING 05/14/99

TAMPA ELECTRIC COMPANY  
SCHEDULES SUPPORTING CONSERVATION  
COST RECOVERY FACTOR  
ACTUAL  
April 1998 - December 1998

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990002-EG - EXHIBIT NO. 7  
COMPANY/ Bureau  
WITNESS: \_\_\_\_\_  
DATE: 11-23-99

DOCUMENT NUMBER-DATE

06162 MAY 14 99

## CONSERVATION COST RECOVERY

### INDEX

SCHEDULE	TITLE	PAGE
CT-1	Adjusted Net True-up	1
CT-2	Program Costs - Actual vs. Projected	2
CT-3	Summary of Expenses and Calculation of True-up and Interest Provision	6
CT-4	Schedule of Capital Investments, Depreciation and Return	9
CT-5	Reconciliation and Explanation of Difference between Filing and FPSC Audit	11
CT-6	Program Description & Progress	12
-	Conservation Value Program Participant Information	27

TAMPA ELECTRIC COMPANY  
Energy Conservation  
Adjusted Net True-up  
For Months April 1998 through December 1998

End of Period True-up

Principal	2,404,433	
Interest	<u>81,206</u>	2,485,639

Less: Projected True-up

(Last Projected Hearing Conservation)

Principal	2,673,734	
Interest	<u>81,174</u>	2,754,908

Adjusted Net True-up (269,269)

**EXHIBIT NO. \_\_\_\_\_**  
**DOCKET NO. 990002-EG**  
**TAMPA ELECTRIC COMPANY**  
**(HTB-1)**  
**SCHEDULE CT-2**  
**PAGE 1 OF 4**

TAMPA ELECTRIC COMPANY  
 Analysis of Energy Conservation Program Costs  
 Actual vs. Projected  
 For Months April 1998 through December 1998

<u>Description</u>	(A) <u>Actual</u>	(B) <u>Projected</u>	(C) <u>Difference</u>
1. Capital Investment	\$870,778	\$874,706	(\$3,928)
2. Payroll	1,630,168	\$1,827,520	(197,352)
3. Materials and Supplies	305,607	\$340,572	(34,965)
4. Outside Services	824,767	\$698,354	126,413
5. Advertising	382,201	\$219,140	163,061
6. Incentives	11,185,671	\$10,677,286	508,385
7. Vehicles	119,917	\$124,135	(4,218)
8. Other	<u>49,496</u>	<u>37,977</u>	<u>11,519</u>
9. Subtotal	15,368,605	14,799,690	568,915
10. Less: Program Revenues	<u>0</u>	<u>0</u>	<u>0</u>
11. Total Program Costs	15,368,605	14,799,690	568,915
12. Adjustments	0	0	0
13. Beginning of Period True-up Overrecovery	(975,858)	(975,858)	0
14. Amounts included in Base Rates	0	0	0
15. Conservation Adjustment Revenues	<u>(16,797,180)</u>	<u>(16,497,566)</u>	<u>(299,614)</u>
16. True-up Before Interest	2,404,433	2,673,734	(269,301)
17. Interest Provision	<u>81,206</u>	<u>81,174</u>	<u>32</u>
18. End of Period True-up	<u>\$2,485,639</u>	<u>\$2,754,908</u>	<u>(\$269,269)</u>

TAMPA ELECTRIC COMPANY  
Actual Conservation Program Costs per Program  
Actual for Months April 1998 through December 1998

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
1. Heating and Cooling	0	48,908	0	30,144	202,504	2,242,350	393	0	0	2,524,299
2. Prime Time	868,637	585,803	141,564	98,297	18,683	6,908,354	48,141	32,626	0	8,702,105
3. Energy Audits	0	487,523	1,603	369,030	59,293	0	44,068	6,359	0	967,876
4. Cogeneration	0	187,563	0	0	0	0	6,211	0	0	193,774
5. Ceiling Insulation	0	47,776	113	354	2,050	990,750	2,340	0	0	1,043,383
6. C & I Load Management	2,141	3,177	0	494	12,523	16,913	681	0	0	35,929
7. Commerical Lighting	0	9,396	0	0	21,448	342,839	779	0	0	374,462
8. Standby Generator	0	30,708	4,130	3,979	0	413,514	1,593	106	0	454,030
9. Conservation Value	0	2,640	0	0	0	10,582	53	0	0	13,275
10. Duct Repair	0	95,652	3,385	161,472	65,700	260,369	13,194	1,976	0	601,748
11. Builder Awareness	0	0	0	0	0	0	0	500	0	500
12. Green Pricing Initiative	0	0	0	0	0	0	0	0	0	0
13. DSM Commercial R&D	0	10,025	154,207	77,795	0	0	388	0	0	242,415
14. Natural Gas R&D	0	65	0	78,987	0	0	0	0	0	79,052
15. Common Expenses	0	120,932	605	4,215	0	0	2,076	7,929	0	135,757
16. Total All Programs	<u>870,778</u>	<u>1,630,168</u>	<u>305,607</u>	<u>824,767</u>	<u>382,201</u>	<u>11,185,671</u>	<u>119,917</u>	<u>49,496</u>	0	<u>15,368,605</u>

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-1)  
 SCHEDULE CT-2  
 PAGE 2 OF 4

3

TAMPA ELECTRIC COMPANY  
Conservation Program Costs per Program  
Variance - Actual vs. Projected  
For Months April 1998 through December 1998

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
1. Heating and Cooling	0	(539)	(150)	22,406	31,031	2,125	(700)	0	0	54,173
2. Prime Time	(3,786)	(61,501)	(31,052)	384	8,856	196,569	(334)	2,702	0	111,838
3. Energy Audits	0	(33,739)	(1,321)	127,565	45,690	0	(1,993)	1,636	0	137,838
4. Cogeneration	0	(24,947)	0	0	0	0	1,498	0	0	(23,449)
5. Ceiling Insulation	0	2,553	0	(555)	2,050	435,450	(535)	0	0	438,963
6. C & I Load Management	(142)	(3,474)	(300)	194	12,523	(7,445)	(298)	0	0	1,058
7. Commerical Lighting	0	(6,925)	0	0	21,448	4,574	(184)	0	0	18,913
8. Standby Generator	0	(40)	458	1,414	0	(6,413)	439	106	0	(4,036)
9. Conservation Value	0	641	0	0	0	(278)	1	0	0	364
10. Duct Repair	0	(26,306)	(2,695)	9,559	41,463	(116,197)	(1,635)	546	0	(95,265)
11. Builder Awareness	0	(2,011)	0	0	0	0	(120)	(1,400)	0	(3,531)
12. Green Pricing Initiative	0	0	0	0	0	0	0	0	0	0
13. DSM Commercial R&D	0	(5,725)	0	(38,173)	0	0	(246)	0	0	(44,144)
14. Natural Gas R&D	0	0	0	0	0	0	0	0	0	0
15. Common Expenses	0	(35,339)	95	3,619	0	0	(111)	7,929	0	(23,807)
16. Total All Programs	(3,928)	(197,352)	(34,965)	126,413	163,061	508,385	(4,218)	11,519	0	568,915

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-1)  
 SCHEDULE CT-2  
 PAGE 3 OF 4

4

TAMPA ELECTRIC COMPANY  
Description for Account  
For Months April 1998 through December 1998

18251	RESIDENTIAL LOAD MANAGEMENT	90870	CONSERVATION VALUE PROGRAM
18252	COMMERCIAL-INDUSTRIAL LOAD MGT	90871	RESIDENTIAL DUCT EFFICIENCY
45608	OTHER ELEC REV ENERGY ANALYSIS	90877	DEFERRED CONSERVATION EXPENSE
45609	OTHER REVENUE COMM & IND AUDIT	90878	DEFERRED CONSERVATION INTEREST
45612	OTHER REVENUE-BERS-BLDG ENERGY EFF	90879	AMORT DEFERRED CONSERVATION EXPENSE
90849	COMMON RECOVERABLE CONS COSTS	90889	NATURAL GAS R&D
90850	HEATING & COOLING PROGRAM	90890	DSM COMMERCIAL R&D
90851	PRIME TIME EXPENSES	90950	HEATING & COOLING PROG ADVERTISING
90852	RESIDENTIAL MAIL-IN AUDIT	90951	PRIME TIME ADVERTISING
90853	COMMERCIAL MAIL-IN AUDIT	90952	RESIDENTIAL MAIL-IN AUDIT - ADVERTISING
90854	COMPREHENSIVE HOME SURVEY	90953	COMMERCIAL MAIL-IN AUDIT ADVERTISING
90855	FREE HOME ENERGY CHECK	90954	COMPREHENSIVE HOME SURVEY ADVERTISING
90856	COMPREHENSIVE C/I AUDIT	90955	FREE HOME ENERGY CHECK ADVERTISING
90857	FREE C/I AUDIT	90957	FREE C/I AUDIT ADVERTISING
90859	BUILDER AWARENESS PROGRAM	90959	BUILDER AWARENESS PROGRAM ADVERTISING
90860	RESIDENTIAL BERS AUDIT	90966	CEILING INSULATION ADVERTISING
90861	COGENERATION	90967	C&I LOAD MGT ADVERTISING
90866	CEILING INSULATIONS	90968	COMMERCIAL LIGHTING PROGRAM ADVERTISING
90867	COMMERCIAL & INDUSTRIAL LOAD MGMT	90969	STANDBY GENERATION PROGRAM ADVERTISING
90868	COMMERCIAL LIGHTING PROGRAM	90970	CONSERVATION VALUE PROGRAM ADVERTISING
90869	STANDBY GENERATION PROGRAM	90971	RESIDENTIAL DUCT EFFICIENCY ADVERTISING



TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Summary of Expenses by Program by Month  
Actual for Months April 1998 through December 1998

A.

Program Name	April	May	June	July	August	September	October	November	December	Total
1. Heating and Cooling	245,063	260,286	239,502	350,470	370,841	197,547	233,227	347,204	280,159	2,524,299
2. Prime Time	892,990	933,116	993,356	935,780	945,264	913,567	928,981	1,060,598	1,098,453	8,702,105
3. Energy Audits	74,349	94,972	86,453	93,519	98,794	83,760	75,446	235,300	125,283	967,876
4. Cogeneration	22,128	22,650	19,290	21,924	23,366	16,705	22,240	25,543	19,928	193,774
5. Ceiling Insulation	74,824	36,170	90,827	138,062	95,545	94,299	170,270	126,773	216,613	1,043,383
6. C & I Load Management	3,627	3,830	3,928	2,657	2,033	2,227	1,797	1,395	14,435	35,929
7. Commercial Lighting	76,904	33,537	10,830	22,560	88,403	35,269	16,346	11,310	79,303	374,462
8. Standby Generation	51,408	55,984	42,955	44,640	45,804	51,519	45,099	61,386	55,235	454,030
9. Conservation Value	544	563	0	1,705	0	1,996	0	676	7,791	13,275
10. Duct Repair	51,413	78,966	67,732	59,350	78,331	64,184	73,248	25,708	102,816	601,748
11. Builder Awareness	0	0	400	0	0	0	0	100	0	500
12. Green Pricing Initiative	0	0	0	0	0	0	0	0	0	0
13. DSM Commercial R&D (D&E)	248	935	2,937	3,233	150,792	105,941	2,476	1,093	(25,240)	242,415
14. Natural Gas R&D (D&E)	0	65	34,713	0	44,274	0	0	0	0	79,052
15. Common Expenses	11,629	15,744	12,320	9,293	14,489	17,224	17,491	20,100	17,467	135,757
16. Total	1,505,127	1,536,818	1,605,243	1,683,193	1,957,936	1,584,238	1,586,621	1,917,186	1,992,243	15,368,605
17. Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0
18. Recoverable Conservation Expenses	<u>1,505,127</u>	<u>1,536,818</u>	<u>1,605,243</u>	<u>1,683,193</u>	<u>1,957,936</u>	<u>1,584,238</u>	<u>1,586,621</u>	<u>1,917,186</u>	<u>1,992,243</u>	<u>15,368,605</u>

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-1)  
 SCHEDULE CT-3  
 PAGE 1 OF 3

TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up and Interest Provision  
For Months April 1998 through December 1998

B. Description	April	May	June	July	August	September	October	November	December	Total
1. Residential Conservation Audit Fees (A)	0	0	0	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues *	1,514,829	1,602,798	2,067,298	2,209,845	2,072,634	2,111,148	1,936,392	1,614,046	1,668,190	16,797,180
3. Total Revenues	1,514,829	1,602,798	2,067,298	2,209,845	2,072,634	2,111,148	1,936,392	1,614,046	1,668,190	16,797,180
4. Prior Period True-up	162,643	162,643	162,643	162,643	162,643	162,643	454,365	454,365	454,365	2,338,953
5. Conservation Revenue Applicable to Perio	1,677,472	1,765,441	2,229,941	2,372,488	2,235,277	2,273,791	2,390,757	2,068,411	2,122,555	19,136,133
6. Conservation Expenses	1,505,127	1,536,818	1,605,243	1,683,193	1,957,936	1,584,238	1,586,621	1,917,186	1,992,243	15,368,605
7. True-up This Period (Line 5 - Line 6)	172,345	228,623	624,698	689,295	277,341	689,553	804,136	151,225	130,312	3,767,528
8. Interest Provision This Period	4,531	4,706	5,981	8,333	9,800	10,984	12,475	12,981	11,415	81,206
9. True-up & Interest Provision Beginning of Period	975,858	990,091	1,060,777	1,528,813	2,063,798	2,188,296	2,726,190	3,088,436	2,798,277	975,858
10. Prior Period True-up Collected (Refunded)	(162,643)	(162,643)	(162,643)	(162,643)	(162,643)	(162,643)	(454,365)	(454,365)	(454,365)	(2,338,953)
11. End of Period Total Net True-up	<u>990,091</u>	<u>1,060,777</u>	<u>1,528,813</u>	<u>2,063,798</u>	<u>2,188,296</u>	<u>2,726,190</u>	<u>3,088,436</u>	<u>2,798,277</u>	<u>2,485,639</u>	<u>2,485,639</u>

\* Net of Revenue Taxes

(A) Included in Line 6

\*\*\*\* Conservation expenses were adjusted in April 1998 - Adjustment made to Depreciation Base and Accum. Depreciation on Schedules CT-4 pages 1 & 2 was not reflected on this schedule. End of Period Total Net True-up was impacted by this correction.

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-1)  
 SCHEDULE CT-3  
 PAGE 2 OF 3

TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Calculation of True-up and Interest Provision  
 For Months April 1998 through December 1998

C.	Interest Provision	April	May	June	July	August	September	October	November	December	Total
1.	Beginning True-up Amount	975,858	990,091	1,060,777	1,528,813	2,063,798	2,188,296	2,726,190	3,088,436	2,798,277	
2.	Ending True-up Amount Before Interest	985,560	1,056,071	1,522,832	2,055,465	2,178,496	2,715,206	3,075,961	2,785,296	2,474,224	
3.	Total Beginning & Ending True-up	<u>1,961,418</u>	<u>2,046,162</u>	<u>2,583,609</u>	<u>3,584,278</u>	<u>4,242,294</u>	<u>4,903,502</u>	<u>5,802,151</u>	<u>5,873,732</u>	<u>5,272,501</u>	
4.	Average True-up Amount (50% of Line 3)	<u>980,709</u>	<u>1,023,081</u>	<u>1,291,805</u>	<u>1,792,139</u>	<u>2,121,147</u>	<u>2,451,751</u>	<u>2,901,076</u>	<u>2,936,866</u>	<u>2,636,251</u>	
5.	Interest Rate - First Day of Month	5.550%	5.530%	5.500%	5.600%	5.560%	5.520%	5.220%	5.100%	5.500%	
6.	Interest Rate - First Day of Next Month	5.530%	5.500%	5.600%	5.560%	5.520%	5.220%	5.100%	5.500%	4.900%	
7.	Total (Line 5 + Line 6)	<u>11.080%</u>	<u>11.030%</u>	<u>11.100%</u>	<u>11.160%</u>	<u>11.080%</u>	<u>10.740%</u>	<u>10.320%</u>	<u>10.600%</u>	<u>10.400%</u>	
8.	Average Interest Rate (50% of Line 7)	<u>5.540%</u>	<u>5.515%</u>	<u>5.550%</u>	<u>5.580%</u>	<u>5.540%</u>	<u>5.370%</u>	<u>5.160%</u>	<u>5.300%</u>	<u>5.200%</u>	
9.	Monthly Average Interest Rate (Line 8/12)	0.462%	0.460%	0.463%	0.465%	0.462%	0.448%	0.430%	0.442%	0.433%	
10.	Interest Provision (Line 4 x Line 9)	<u>\$4,531</u>	<u>\$4,706</u>	<u>\$5,981</u>	<u>\$8,333</u>	<u>\$9,800</u>	<u>\$10,984</u>	<u>\$12,475</u>	<u>\$12,981</u>	<u>\$11,415</u>	<u>\$81,206</u>

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-1)  
 SCHEDULE CT-3  
 PAGE 3 OF 3

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
For Months April 1998 through December 1998

PRIME TIME

Description	Beginning of Period	April	May	June	July	August	September	October	November	December	Total
1. Investment		76,163	86,849	88,418	43,139	71,762	46,458	46,923	43,232	66,453	569,397
2. Retirements		85,559	79,903	104,842	79,993	117,545	92,013	88,255	103,356	183,495	934,961
3. Depreciation Base		4,629,984	4,636,930	4,620,506	4,583,652	4,537,869	4,492,314	4,450,982	4,390,858	4,273,816	
4. Depreciation Expense		<u>77,245</u>	<u>77,224</u>	<u>77,145</u>	<u>76,701</u>	<u>76,013</u>	<u>75,252</u>	<u>74,527</u>	<u>73,682</u>	<u>72,206</u>	<u>459,580</u>
5. Cumulative Investment	4,639,380	4,629,984	4,636,930	4,620,506	4,583,652	4,537,869	4,492,314	4,450,982	4,390,858	4,273,816	4,273,816
6. Less: Accumulated Depreciation	<u>2,443,815</u>	<u>2,435,501</u>	<u>2,432,822</u>	<u>2,405,125</u>	<u>2,401,833</u>	<u>2,360,301</u>	<u>2,343,540</u>	<u>2,329,812</u>	<u>2,300,138</u>	<u>2,188,849</u>	<u>2,188,849</u>
7. Net Investment	<u>2,195,565</u>	<u>2,194,483</u>	<u>2,204,108</u>	<u>2,215,381</u>	<u>2,181,819</u>	<u>2,177,568</u>	<u>2,148,774</u>	<u>2,121,170</u>	<u>2,090,720</u>	<u>2,084,967</u>	<u>2,084,967</u>
8. Average Investment		2,195,024	2,199,296	2,209,745	2,198,600	2,179,694	2,163,171	2,134,972	2,105,945	2,087,844	
9. Return on Average Investment		13,060	13,086	13,148	13,082	12,969	12,871	12,703	12,530	12,423	115,872
10. Return Requirements		21,262	21,304	21,405	21,298	21,114	20,954	20,681	20,399	20,225	188,642
11. Total Depreciation and Return		<u>98,507</u>	<u>98,528</u>	<u>98,550</u>	<u>97,999</u>	<u>97,127</u>	<u>96,206</u>	<u>95,208</u>	<u>94,081</u>	<u>92,431</u>	<u>868,637</u>

Note: Depreciation expense is calculated using a useful life of 60 months.  
Return on Average Investment is calculated using a monthly rate of 0.59500%.  
Return Requirements are calculated using an income tax multiplier of 1.6280016.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-1)  
SCHEDULE CT-4  
PAGE 1 OF 2

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
For Months April 1998 through December 1998

C & I LOAD MANAGEMENT

Description	Beginning of Period	April	May	June	July	August	September	October	November	December	Total
1. Investment		0	0	0	0	0	0	0	0	0	0
2. Retirements		1,453	171	9,694	0	2,784	91	0	3,997	0	18,190
3. Depreciation Base		22,447	22,276	12,582	12,582	9,798	9,707	9,707	5,710	5,710	
4. Depreciation Expense		<u>386</u>	<u>373</u>	<u>290</u>	<u>210</u>	<u>187</u>	<u>163</u>	<u>162</u>	<u>128</u>	<u>95</u>	<u>1,994</u>
5. Cumulative Investment	23,900	22,447	22,276	12,582	12,582	9,798	9,707	9,707	5,710	5,710	5,710
6. Less: Accumulated Depreciation	<u>20,957</u>	<u>19,890</u>	<u>20,092</u>	<u>10,688</u>	<u>10,898</u>	<u>8,301</u>	<u>8,373</u>	<u>8,535</u>	<u>4,666</u>	<u>4,761</u>	<u>4,761</u>
7. Net Investment	<u>2,943</u>	<u>2,557</u>	<u>2,184</u>	<u>1,894</u>	<u>1,684</u>	<u>1,497</u>	<u>1,334</u>	<u>1,172</u>	<u>1,044</u>	<u>949</u>	<u>949</u>
8. Average Investment		2,750	2,371	2,039	1,789	1,591	1,416	1,253	1,108	997	
9. Return on Average Investment		16	14	12	11	9	8	7	7	6	90
10. Return Requirements		26	23	20	18	15	13	11	11	10	147
Total Depreciation and Return		<u>412</u>	<u>396</u>	<u>310</u>	<u>228</u>	<u>202</u>	<u>176</u>	<u>173</u>	<u>139</u>	<u>105</u>	<u>2,141</u>

Note: Depreciation expense is calculated using a useful life of 60 months.  
Return on Average Investment is calculated using a monthly rate of 0.59500%.  
Return Requirements are calculated using an income tax multiplier of 1.6280016.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-1)  
SCHEDULE CT-4  
PAGE 2 OF 2

10

TAMPA ELECTRIC COMPANY  
Reconciliation and Explanation of  
Difference Between Filing and FPSC Audit  
For Months April 1998 through December 1998

The audit has not been completed as of the date of this filing

**Program Description and Progress**

Program Title: Heating and Air Conditioning Program

Program Description: Incentive program for the installation of high efficiency heating and air conditioning equipment.

Program Accomplishments April 1, 1998 to December 31, 1998  
In this reporting period 3,174 units were installed.

Program Fiscal Expenditures for April 1, 1998 to December 31, 1998  
Expenditures of \$2,524,299 occurred.

Program Progress Summary: Through this reporting period, 138,894 approved units have been installed.

**Program Description and Progress**

Program Title: Prime Time

Program Description: To directly control the larger loads in Customers' homes, such as air conditioning, water heating, electric space heating, and pool pumps in a voluntary manner with participating Customers receiving monthly rate incentives.

Program Accomplishments April 1, 1998 to December 31, 1998  
443 Customers discontinued participation during this reporting period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998  
Dollars spent: \$8,702,105

Program Progress Summary: Through this reporting period, there are 77,903 participating Customers.



**Program Description and Progress**

Program Title: Energy Audits

Program Description: Audits (on-site and mail-in) of residential, commercial and industrial Customers which will instruct Customers how to use conservation measures to best reduce their energy usage.

Program Accomplishments April 1, 1998 to December 31, 1998

Number of audits completed: 3,939 Residential on-site audits, 9,046 Residential mail-in audits, 197 Commercial on-site audits, 409 Commercial mail-in audits.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998

Actual expenditures of \$967,876 occurred.

Program Progress Summary: Through this reporting period, 192,041 on-site audits have been performed. Additionally, over 28,949 residential and commercial mail-in audits have been processed.

**Program Description and Progress**

Program Title: Cogeneration

Program Description: To encourage the development of cost-effective commercial and industrial cogeneration facilities. To evaluate and administer standard offer and negotiated contracts for the purchase of firm capacity and energy.

**Program Accomplishments April 1, 1998 to December 31, 1998**

Construction is complete on all current qualifying facilities, will continue communication and interaction with all present and potential cogeneration customers. Completed the development and publication of the 20-Year Cogeneration Forecast. Attended meetings and tours as scheduled with cogeneration customer personnel at selected facilities. Prepared and reviewed proposed cogeneration opportunities for cost-effectiveness. Provide data and information to existing cogenerators and function as the data resource center for responding to all cogeneration related inquiries.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998  
Dollars spent: \$193,774

**EXHIBIT NO. \_\_\_\_\_**  
**DOCKET NO. 990002-EG**  
**TAMPA ELECTRIC COMPANY**  
**(HTB-1)**  
**SCHEDULE CT-6**  
**PAGE 5 OF 15**

Program Progress Summary:

The projected total maximum generation by electrically interconnected cogeneration during 2000 will be approximately 580 MW and 3,753 GWH.

Continuing interaction with current and potential cogeneration developers for discussion regarding current cogeneration activities and future cogeneration construction activities. Currently there are sixteen (16) Qualifying Facilities with generation on-line in our service area.

Program Description and Progress

Program Title: Ceiling Insulation

Program Description: Incentive program for meeting the efficient level of ceiling insulation.

Program Accomplishments April 1, 1998 to December 31, 1998  
9,999 units were installed during this period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998  
Actual expenses of \$1,043,383 occurred.

Program Progress Summary: Customer response has resulted in actual-to-date total of 36,471.

**Program Description and Progress**

Program Title: Commercial/Industrial Load Management

Program Description: A program that achieves demand reduction through load management of commercial/industrial Customers.

Program Accomplishments April 1, 1998 to December 31, 1998

Three (3) Customers discontinued participation during this reporting period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998

Dollars spent: \$35,929

Program Progress Summary: Through this reporting period, there are 26 commercial/industrial Customers participating.

**Program Description and Progress**

Program Title: Commercial Indoor Lighting

Program Description: Incentive program to encourage investment in more efficient lighting technology in existing commercial facilities.

Program Accomplishments April 1, 1998 to December 31, 1998  
A total of 87 Customers participated during this period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998  
Dollars spent: \$374,462.

Program Progress Summary: Through this reporting period, 695 Customers have participated.

**Program Description and Progress**

Program Title: Standby Generator

Program Description: A program designed to utilize the emergency generation capacity of commercial/industrial facilities in order to reduce weather sensitive peak demand.

Program Accomplishments April 1, 1998 to December 31, 1998  
Three (3) Customers discontinued participation during this reporting period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998  
Dollars spent: \$454,030

Program Progress Summary: Through this reporting period, there are 39 participating Customers.

**Program Description and Progress**

Program Title: Conservation Value

Program Description: An incentive program for Commercial/Industrial Customers that encourages additional investments in substantial demand shifting or demand reduction measures.

Program Accomplishments April 1, 1998 to December 31, 1998

One (1) customer qualified and received the appropriate incentive during this reporting period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998

Dollars spent: \$13,275

Program Progress Summary: To date, five (5) Customers have qualified and received the appropriate incentive.



**Program Description and Progress**

Program Title: Duct Repair

Program Description: An incentive program to encourage the repair of the air distribution system in a residence.

Program Accomplishments April 1, 1998 to December 31, 1998  
For this period, 1953 Customers have participated.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998  
Dollars spent: \$601,748

Program Progress Summary: Through this reporting period, 23,340\* Customers have participated.

\* Revised from last filing.

**Program Description and Progress**

Program Title: Builder Awareness

Program Description: A three-year program designed to decrease demand and energy by improving construction techniques used on air distribution systems in new residential structures.

Program Accomplishments April 1, 1998 to December 31, 1998

Five (5) model homes have qualified for participation and received the incentive during this reporting period.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998

Dollars spent: \$500

Program Progress Summary:

We are actively working with building construction and HVAC contractors to initiate participation. Blower door testing and evaluation will occur on their model homes. Through this reporting period, 30 model homes have qualified for participation and received incentives. The three year period for the program to function will end March 1999.

**Program Description and Progress**

Program Title: DSM Commercial R&D

Program Description: A three-year program directed at R&D commercial end-use technologies not yet commercially available or insufficient data exists for measure evaluations specific to central Florida climate.

Program Accomplishments April 1, 1998 to December 31, 1998  
See Program Progress Summary below.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998  
Dollars spent: \$242,415

Program Progress Summary: Commercial Desiccant Application - Testing in progress at two school sites (one with desiccant system; one without system). Preliminary results indicate the unit is reducing moisture load to the school. Continued testing to be performed through early 2000.

**Program Description and Progress**

Program Title: Natural Gas R&D

Program Description: A three-year R&D program designed to gather data on the performance and cost-effectiveness of gas technologies for heating, cooling, dehumidification and water heating.

Program Accomplishments April 1, 1998 to December 31, 1998  
See Program Progress Summary below.

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998  
Dollars spent: \$79,052

Program Progress Summary: Tampa Electric Company filed a final report pursuant to Docket No. 950521-EG, Order No. PSC-94-1313-FOF-EG on September 14, 1998.

**Program Description and Progress**

Program Title: Common Expenses

Program Description: Expenses common to all programs.

Program Accomplishments April 1, 1998 to December 31, 1998  
N/A

Program Fiscal Expenditure for April 1, 1998 to December 31, 1998  
Dollars spent: \$135,757

Program Progress Summary: N/A

**EXHIBIT NO. \_\_\_\_\_**  
**DOCKET NO. 990002-EG**  
**TAMPA ELECTRIC COMPANY**  
**(HTB-1)**

Pursuant to Order No. 24276, Docket No. 900885-EG issued March 25, 1991 by the Florida Public Service Commission for the purpose of approving Tampa Electric Company's Conservation Value Program, the company is filing the attached table. Specifically, the table provides incentive payments made during the April 1998 through December 1998 period as well as other program costs. The table format was filed with the Commission on April 23, 1991 in response to the above referenced order request for program participation standards.

TAMPA ELECTRIC COMPANY  
 CONSERVATION VALUE PROGRAM  
 CUSTOMER INCENTIVE PAYMENT SCHEDULE  
 APRIL 1998 - DECEMBER 1998

CUSTOMER DATA	APR 98	MAY 98	JUN 98	JUL 98	AUG 98	SEP 98	OCT 98	NOV 98	DEC 98
J. C. PENNEY - WESTSHORE PLAZA AVG SUM DEMAND SAVING: 95 KW AVG WIN DEMAND SAVING: 0 KW ANNUAL ENERGY SAVING: 355,917 KWH						\$1,900			
J. C. PENNEY - UNIVERSITY SQUARE MALL AVG SUM DEMAND SAVING: 73 KW AVG WIN DEMAND SAVING: 0 KW ANNUAL ENERGY SAVING: 322,035 KWH				\$1,460					
CYPRESS INS LIMITED AVG SUM DEMAND SAVING: 36.76 KW AVG WIN DEMAND SAVING: 11.56 KW ANNUAL ENERGY SAVING: 111,887 KWH									\$7,222
<b>MONTHLY TOTALS:</b>	\$0	\$0	\$0	\$1,460	\$0	\$1,900	\$0	\$0	\$7,222

TOTAL INCENTIVES PAID FOR PERIOD: \$10,582  
 TOTAL OTHER EXPENSES FOR PERIOD: \$2,693  
 GRAND TOTAL EXPENSES FOR PERIOD: \$13,275

INPUT DATA – PART 1  
PROGRAM: IMMIGRATION BLDG.

I. PROGRAM DEMAND SAVINGS AND LINE LOSSES

(1) CUSTOMER KW REDUCTION AT THE METER .....	36.76 KW /CUST
(2) GENERATOR KW REDUCTION PER CUSTOMER .....	32.34 KW GEN/CUST
(3) KW LINE LOSS PERCENTAGE .....	6.5 %
(4) GENERATION KWH REDUCTION PER CUSTOMER .....	118,776 KWH/CUST/YR
(5) KWH LINE LOSS PERCENTAGE .....	5.8 %
(6) GROUP LINE LOSS MULTIPLIER .....	1.0000
(7) CUSTOMER KWH PROGRAM INCREASE AT METER ....	0.0 KWH/CUST/YR
(8)* CUSTOMER KWH REDUCTION AT METER .....	111,887 KWH/CUST/YR

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR CONSERVATION PROGRAM .....	20 YEARS
(2) GENERATOR ECONOMIC LIFE .....	30 YEARS
(3) T & D ECONOMIC LIFE .....	30 YEARS
(4) K FACTOR FOR GENERATION .....	1.5753
(5) K FACTOR FOR T & D .....	1.5753
(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1) .....	1

29

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NONRECURRING COST PER CUSTOMER ....	1,200.00 \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER .....	0.00 \$/CUST/YR
(3) UTILITY COST ESCALATION RATE .....	3.0 %
(4) CUSTOMER EQUIPMENT COST .....	45,050.00 \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE .....	3.0 %
(6) CUSTOMER O & M COST .....	0.00 \$/CUST/YR
(7) CUSTOMER O & M ESCALATION RATE .....	3.0 %
(8)* CUSTOMER TAX CREDIT PER INSTALLATION .....	0.00 \$/CUST
(9)* CUSTOMER TAX CREDIT ESCALATION RATE .....	0.0 %
(10)* INCREASED SUPPLY COSTS .....	0.00 \$/CUST/YR
(11)* SUPPLY COSTS ESCALATION RATE .....	0.0 %
(12)* UTILITY DISCOUNT RATE .....	9.55%
(13)* UTILITY AFUDC RATE .....	7.79%
(14)* UTILITY NON RECURRING REBATE/INCENTIVE ...	7,221.50 \$/CUST
(15)* UTILITY RECURRING REBATE/INCENTIVE .....	0.00 \$/CUST/YR
(16)* UTILITY REBATE/INCENTIVE ESCAL RATE .....	0.0 %

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

IV. AVOIDED GENERATOR, TRANS. AND DIST. COSTS

(1) BASE YEAR .....	1998
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2003
(3) IN-SERVICE YEAR FOR AVOIDED T & D .....	1999
(4) BASE YEAR AVOIDED GENERATING UNIT COST .....	229.00 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	4.08 \$/KW
(6) BASE YEAR DISTRIBUTION COST .....	3.94 \$/KW
(7) GEN, TRAN, & DIST COST ESCALATION RATE ....	2.8 %
(8) GENERATOR FIXED O & M COST .....	2.65 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE .....	3.0 %
(10) TRANSMISSION FIXED O & M COST .....	0.27 \$/KW/YR
(11) DISTRIBUTION FIXED O & M COST .....	0.29 \$/KW/YR
(12) T&D FIXED O&M ESCALATION RATE .....	3.0 %
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS .....	0.161 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	3.0 %
(15) GENERATOR CAPACITY FACTOR .....	21.43 %
(16) AVOIDED GENERATING UNIT FUEL COST .....	3.853 CENTS/KWH
(17) AVOIDED GEN UNIT FUEL ESCALATION RATE .....	3.95 %
(18)* AVOIDED PURCHASE CAPACITY COST PER KW .....	0.00 \$/KW/YR
(19)* CAPACITY COST ESCALATION RATE .....	0.0 %

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON-FUEL COST IN CUSTOMER BILL .....	1.370 CENTS/KWH
(2) NON-FUEL ESCALATION RATE .....	1.0 %
(3) CUSTOMER DEMAND CHARGE PER KW .....	7.25 \$/KW/MO
(4) DEMAND CHARGE ESCALATION RATE .....	1.0 %
(5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL .....	1.3

\*\*\* CALCULATED BENEFITS AND COSTS \*\*\*

(1)* TRC TEST - BENEFIT/COST RATIO .....	1.3
(2)* PARTICIPANT NET BENEFITS (NPV) .....	43
(3)* RIM TEST - BENEFIT/COST RATIO .....	1.1

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-1)



CALCULATION OF AFUDC AND IN-SERVICE COST OF PLANT  
 PLANT: 2003 AVOIDED UNIT

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
YEAR	NO. YEARS BEFORE INSERVICE	PLANT ESCALATION RATE (%)	CUMULATIVE ESCALATION FACTOR	YEARLY EXPENDITURE (%)	ANNUAL SPENDING (\$/KW)	CUMULATIVE AVERAGE SPENDING (\$/KW)	CUMULATIVE SPENDING WITH AFUDC (\$/KW)	YEARLY TOTAL AFUDC (\$/KW)	INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
1994	-9	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1995	-8	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1996	-7	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1997	-6	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1998	-5	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1999	-4	2.8%	1.0280	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
2000	-3	2.8%	1.0568	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
2001	-2	2.8%	1.0864	55.0%	136.83	68.41	68.41	5.33	142.16	142.16
2002	-1	2.8%	1.1168	45.0%	115.09	194.37	199.70	15.56	130.64	272.80
2003	0			0.0%	0.00			0.00	0.00	
					1.00	251.91		20.89	272.80	

IN-SERVICE YEAR = 2003  
 PLANT COSTS (1998 \$) \$229.00  
 AFUDC RATE: 7.79%

30

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-1)

INPUT DATA – PART 2  
 PROGRAM: IMMIGRATION BLDG.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COSTS (C/KWH)	AVOIDED MARGINAL FUEL COST (C/KWH)	INCREASED MARGINAL FUEL COST (C/KWH)	REPLACEMENT FUEL COST (C/KWH)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM KWH EFFECTIVENESS FACTOR
1998	1	1	2.20	1.86	0.00	0.00	1.00	1.00
1999	1	1	2.17	2.07	0.00	0.00	1.00	1.00
2000	1	1	2.27	2.29	0.00	0.00	1.00	1.00
2001	1	1	2.34	2.28	0.00	0.00	1.00	1.00
2002	1	1	2.44	2.38	0.00	0.00	1.00	1.00
2003	1	1	2.48	2.32	0.00	0.00	1.00	1.00
2004	1	1	2.57	2.97	0.00	0.00	1.00	1.00
2005	1	1	2.49	3.04	0.00	0.00	1.00	1.00
2006	1	1	2.56	3.68	0.00	0.00	1.00	1.00
2007	1	1	2.65	3.45	0.00	0.00	1.00	1.00
2008	1	1	2.69	3.42	0.00	0.00	1.00	1.00
2009	1	1	2.76	3.94	0.00	0.00	1.00	1.00
2010	1	1	2.87	3.72	0.00	0.00	1.00	1.00
2011	1	1	2.96	4.54	0.00	0.00	1.00	1.00
2012	1	1	3.05	4.08	0.00	0.00	1.00	1.00
2013	1	1	3.21	4.89	0.00	0.00	1.00	1.00
2014	1	1	3.29	5.32	0.00	0.00	1.00	1.00
2015	1	1	3.44	5.52	0.00	0.00	1.00	1.00
2016	1	1	3.60	5.80	0.00	0.00	1.00	1.00
2017	1	1	3.70	6.08	0.00	0.00	1.00	1.00

31

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-1)

AVOIDED GENERATION UNIT BENEFITS  
PROGRAM: IMMIGRATION BLDG.

\* UNIT SIZE OF AVOIDED GENERATION UNIT = 32.0 KW  
\* INSERVICE COSTS OF AVOIDED GEN. UNIT (000) = \$8.7

32

(1) YEAR	(1A)* VALUE OF DEFERRAL FACTOR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(2A)* AVOIDED ANNUAL UNIT KWH GEN (000)	(3) AVOIDED UNIT FIXED O&M COST \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M COST \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(6A)* AVOIDED PURCHASED CAPACITY COSTS \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
1998	0.000	0	0	0	0	0	0	0	0
1999	0.000	0	0	0	0	0	0	0	0
2000	0.000	0	0	0	0	0	0	0	0
2001	0.000	0	0	0	0	0	0	0	0
2002	0.000	0	0	0	0	0	0	0	0
2003	0.114	1	61	0	0	3	0	0	4
2004	0.117	1	61	0	0	3	0	0	4
2005	0.120	1	61	0	0	3	0	0	4
2006	0.124	1	61	0	0	3	0	0	5
2007	0.127	1	61	0	0	3	0	0	5
2008	0.131	1	61	0	0	3	0	0	5
2009	0.135	1	61	0	0	4	0	0	5
2010	0.138	1	61	0	0	4	0	0	5
2011	0.142	1	61	0	0	4	0	0	5
2012	0.146	1	61	0	0	4	0	0	6
2013	0.150	1	61	0	0	4	0	0	6
2014	0.154	1	61	0	0	4	0	0	6
2015	0.159	1	61	0	0	5	0	0	6
2016	0.163	1	61	0	0	5	0	0	6
2017	0.168	1	61	0	0	5	0	0	7
NOMINAL		18	911	2	2	57	0	0	79
NPV		6		1	1	19	0	0	27

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-1)

AVOIDED T & D AND PROGRAM FUEL SAVINGS  
 PROGRAM: IMMIGRATION BLDG.

\* INSERVICE COSTS OF AVOIDED TRANS. (000) = \$0.1  
 \* INSERVICE COSTS OF AVOIDED DIST. (000) = \$0.1

33

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
YEAR	AVOIDED TRANSMISSION CAPACITY COST \$(000)	AVOIDED TRANSMISSION O&M COST \$(000)	TOTAL AVOIDED TRANSMISSION COST \$(000)	AVOIDED DISTRIBUTION CAPACITY COST \$(000)	AVOIDED DISTRIBUTION O&M COST \$(000)	TOTAL AVOIDED DISTRIBUTION COST \$(000)	PROGRAM FUEL SAVINGS \$(000)
1998	0	0	0	0	0	0	1
1999	0	0	0	0	0	0	2
2000	0	0	0	0	0	0	3
2001	0	0	0	0	0	0	3
2002	0	0	0	0	0	0	3
2003	0	0	0	0	0	0	3
2004	0	0	0	0	0	0	4
2005	0	0	0	0	0	0	4
2006	0	0	0	0	0	0	4
2007	0	0	0	0	0	0	4
2008	0	0	0	0	0	0	4
2009	0	0	0	0	0	0	5
2010	0	0	0	0	0	0	4
2011	0	0	0	0	0	0	5
2012	0	0	0	0	0	0	5
2013	0	0	0	0	0	0	6
2014	0	0	0	0	0	0	6
2015	0	0	0	0	0	0	7
2016	0	0	0	0	0	0	7
2017	0	0	0	0	0	0	7
NOMINAL	0	0	1	0	0	1	86
NPV:	0	0	0	0	0	0	34

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-1)

(1)	(2)	(3)	(4)	(5)	(6)	(7)
YEAR	REDUCTION IN KWH GENERATION NET NEW CUST KWH (000)	AVOIDED MARGINAL FUEL COST - REDUCED KWH \$(000)	INCREASE IN KWH GENERATION NET NEW CUST KWH (000)	INCREASED MARGINAL FUEL COST - INCREASE KWH \$(000)	NET AVOIDED PROGRAM FUEL SAVINGS \$(000)	EFFECTIVE PROGRAM FUEL SAVINGS \$(000)
1998	59	1	0	0	1	1
1999	119	2	0	0	2	2
2000	119	3	0	0	3	3
2001	119	3	0	0	3	3
2002	119	3	0	0	3	3
2003	119	3	0	0	3	3
2004	119	4	0	0	4	4
2005	119	4	0	0	4	4
2006	119	4	0	0	4	4
2007	119	4	0	0	4	4
2008	119	4	0	0	4	4
2009	119	5	0	0	5	5
2010	119	4	0	0	4	4
2011	119	5	0	0	5	5
2012	119	5	0	0	5	5
2013	119	6	0	0	6	6
2014	119	6	0	0	6	6
2015	119	7	0	0	7	7
2016	119	7	0	0	7	7
2017	119	7	0	0	7	7
NOMINAL	2,316	86	0	0	86	86
NPV:		34		0	34	34

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

34

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-1)

(1) YEAR	(2) ← UTILITY PROGRAM COSTS & REBATES →			← PARTICIPATING CUSTOMER COSTS & BENEFITS →													(18) EFFECT. REVENUE INC. IN BILL \$(000)
	(3) UTIL NONREC. COSTS \$(000)	(4) UTIL RECUR COSTS \$(000)	(5) TOTAL UTIL PGM COSTS \$(000)	(6) UTIL NONREC. REBATES \$(000)	(7) UTIL RECUR. REBATES \$(000)	(8) TOTAL REBATE/ INCENT. COSTS \$(000)	(9) PARTIC. CUST EQUIP COSTS \$(000)	(10) PARTIC. CUST O & M COSTS \$(000)	(11) TOTAL COSTS PARTIC. CUST \$(000)	(12) REDUCT. IN CUST. KWH (000)	(13) RED. REV. - FUEL PORTION \$(000)	(14) RED. REV. NONFUEL PORTION \$(000)	(15) EFFECT. REV. REDUCT. TO CUST \$(000)	(16) INC. IN CUST. KWH (000)	(17) INC. REV. - FUEL PORTION \$(000)	(18) INC. REV. NONFUEL PORTION	
1998	1	0	1	7	0	7	45	0	45	56	1	3	4	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	112	2	6	8	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	112	3	6	8	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	112	3	6	8	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2005	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2006	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2007	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	112	3	6	9	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	112	3	6	10	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	112	3	6	10	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	112	4	6	10	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	112	4	7	10	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	112	4	7	10	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	112	4	7	11	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	112	4	7	11	0	0	0	0
	1	0	1	7	0	7	45	0	45	2,182	61	120	181	0	0	0	0
	1	0	1	7	0	7	45	0	45		27	54	81		0	0	0

35

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-1)

TOTAL RESOURCE COST TESTS  
PROGRAM: IMMIGRATION BLDG.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT PROGRAM COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)	AVOIDED T & D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)	
1998	0	1	45	0	46	0	0	1	0	1	(45)	(45)	
1999	0	0	0	0	0	0	0	2	0	3	3	(43)	
2000	0	0	0	0	0	0	0	3	0	3	3	(41)	
2001	0	0	0	0	0	0	0	3	0	3	3	(38)	
2002	0	0	0	0	0	0	0	3	0	3	3	(36)	
2003	0	0	0	0	0	4	0	3	0	7	7	(32)	
2004	0	0	0	0	0	4	0	4	0	8	8	(28)	
2005	0	0	0	0	0	4	0	4	0	8	8	(23)	
2006	0	0	0	0	0	5	0	4	0	9	9	(19)	
2007	0	0	0	0	0	5	0	4	0	9	9	(15)	
2008	0	0	0	0	0	5	0	4	0	9	9	(12)	
2009	0	0	0	0	0	5	0	5	0	10	10	(8)	
2010	0	0	0	0	0	5	0	4	0	10	10	(5)	
2011	0	0	0	0	0	5	0	5	0	11	11	(1)	
2012	0	0	0	0	0	6	0	5	0	10	10	1	
2013	0	0	0	0	0	6	0	6	0	12	12	4	
2014	0	0	0	0	0	6	0	6	0	12	12	7	
2015	0	0	0	0	0	6	0	7	0	13	13	10	
2016	0	0	0	0	0	6	0	7	0	13	13	13	
2017	0	0	0	0	0	7	0	7	0	14	14	15	
NOMINAL	0	1	45	0	46	79	1	86	0	166	120		
NPV:	0	1	45	0	46	27	1	34	0	61	15		
Discount Rate		9.55%	Benefit/Cost Ratio - [col (11)/col (6)]:					1.3					

36

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-1)

PARTICIPANT COSTS AND BENEFITS  
PROGRAM: IMMIGRATION BLDG.

37

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILL \$(000)	TAX CREDITS \$(000)	UTILITY REBATES \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	CUSTOMER EQUIPMENT COSTS \$(000)	CUSTOMER O & M COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
1998	4	0	7	0	11	45	0	0	45	(34)	(34)
1999	8	0	0	0	8	0	0	0	0	8	(26)
2000	8	0	0	0	8	0	0	0	0	8	(20)
2001	8	0	0	0	8	0	0	0	0	8	(13)
2002	9	0	0	0	9	0	0	0	0	9	(7)
2003	9	0	0	0	9	0	0	0	0	9	(2)
2004	9	0	0	0	9	0	0	0	0	9	3
2005	9	0	0	0	9	0	0	0	0	9	8
2006	9	0	0	0	9	0	0	0	0	9	12
2007	9	0	0	0	9	0	0	0	0	9	16
2008	9	0	0	0	9	0	0	0	0	9	20
2009	9	0	0	0	9	0	0	0	0	9	23
2010	9	0	0	0	9	0	0	0	0	9	26
2011	10	0	0	0	10	0	0	0	0	10	29
2012	10	0	0	0	10	0	0	0	0	10	32
2013	10	0	0	0	10	0	0	0	0	10	35
2014	10	0	0	0	10	0	0	0	0	10	37
2015	10	0	0	0	10	0	0	0	0	10	39
2016	11	0	0	0	11	0	0	0	0	11	41
2017	11	0	0	0	11	0	0	0	0	11	43
NOMINAL	181	0	7	0	188	45	0	0	45	143	
NPV:	81	0	7	0	88	45	0	0	45	43	

In service year of gen unit:  
Discount rate:

2003  
9.55%

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-1)



RATE IMPACT TEST  
PROGRAM: IMMIGRATION BLDG.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	INCENTIVES \$(000)	REVENUE LOSSES \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT UNIT & FUEL BENEFITS \$(000)	AVOIDED T & D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS TO ALL CUSTOMERS \$(000)	CUMULATIVE DISCOUNTED NET BENEFIT \$(000)
1998	0	1	7	2	0	11	1	0	0	0	1	(10)	(10)
1999	0	0	0	5	0	5	2	0	0	0	3	(2)	(12)
2000	0	0	0	5	0	5	3	0	0	0	3	(2)	(14)
2001	0	0	0	5	0	5	3	0	0	0	3	(2)	(16)
2002	0	0	0	5	0	5	3	0	0	0	3	(2)	(17)
2003	0	0	0	5	0	5	7	0	0	0	7	2	(16)
2004	0	0	0	5	0	5	8	0	0	0	8	3	(14)
2005	0	0	0	5	0	5	8	0	0	0	8	3	(13)
2006	0	0	0	5	0	5	9	0	0	0	9	4	(11)
2007	0	0	0	5	0	5	9	0	0	0	9	4	(9)
2008	0	0	0	5	0	5	9	0	0	0	9	4	(7)
2009	0	0	0	5	0	5	10	0	0	0	10	5	(6)
2010	0	0	0	5	0	5	10	0	0	0	10	5	(4)
2011	0	0	0	5	0	5	11	0	0	0	11	6	(2)
2012	0	0	0	5	0	5	10	0	0	0	10	6	(1)
2013	0	0	0	5	0	5	12	0	0	0	12	7	1
2014	0	0	0	5	0	5	12	0	0	0	12	7	3
2015	0	0	0	5	0	5	13	0	0	0	13	8	4
2016	0	0	0	5	0	5	13	0	0	0	13	8	6
2017	0	0	0	5	0	5	14	0	0	0	14	9	8
NOMINAL	0	1	7	97	0	106	165	1	0	0	166	61	
NPV:	0	1	7	45	0	54	61	1	0	0	61	8	
Discount rate:				9.55%		Benefit/Cost Ratio - [col (12)/col (7)]:			1.1				

38

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-1)

CONSERVATION COSTS  
PROJECTED

INDEX

<u>SCHEDULE</u>	<u>TITLE</u>	<u>PAGE</u>
—	Fuel Cost Impact on Interruptible Customers	1
—	Calculation Of Energy & Demand Allocation % By Rate Class	2
C-1	Summary of Cost Recovery Clause Calculation	3
C-2	Program Costs - Projected	4
C-3	Program Costs - Actual and Projected	8
C-4	Calculation of Conservation Revenues	14
C-5	Program Description and Progress	15

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990002-EG EXHIBIT NO. 8  
COMPANY/  
WITNESS: Smart  
DATE: 11-22-99

DOCUMENT NUMBER-DATE

11667 SEP 27 99

FPSC-RECORDS/REPORTING

**Fuel Cost Impact of Conservation and Load Management Programs  
On Interruptible Customers  
January 1, 2000 through December 31, 2000**

Month	Fuel Costs With Conservation and Load Management			Fuel Costs Without Conservation and Load Management			Fuel Benefits		
	(1) (\$000)	(2) (GWH)	(3) (\$/MWH)	(4) (\$000)	(5) (GWH)	(6) (\$/MWH)	(4) - (1) (\$000)	(5) - (2) (GWH)	(6) - (3) (\$/MWH)
January	24,981	1,347.0	18.55	25,923	1,390.1	18.65	941	43	0.10
February	22,620	1,228.6	18.41	23,443	1,267.7	18.49	824	39	0.08
March	24,428	1,314.7	18.58	24,949	1,336.2	18.67	522	21	0.09
April	25,396	1,300.9	19.52	25,779	1,314.3	19.61	383	13	0.09
May	31,629	1,587.3	19.93	32,342	1,605.5	20.15	714	18	0.22
June	33,953	1,671.6	20.31	34,803	1,693.6	20.55	850	22	0.24
July	36,995	1,767.7	20.93	38,099	1,790.2	21.28	1,105	22	0.35
August	37,048	1,785.3	20.75	38,105	1,808.9	21.07	1,057	24	0.32
September	32,987	1,663.9	19.82	33,771	1,685.5	20.04	784	22	0.22
October	28,972	1,488.5	19.46	29,419	1,503.4	19.57	447	15	0.11
November	24,389	1,291.9	18.88	25,038	1,313.3	19.06	649	21	0.18
December	25,377	1,370.6	18.52	26,189	1,406.2	18.62	812	36	0.10
Jan 2000 - Dec 2000	348,773	17,818	19.57	357,860	18,115	19.75	9,087	297	0.18

1

TAMPA ELECTRIC COMPANY  
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
 JANUARY 2000 THROUGH DECEMBER 2000

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (kWh)	(3) Projected AVG 12 CP at Meter (kW)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (kWh)	(7) Projected AVG 12 CP at Generation (kW)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 1/1 Allocation Factor (%)
RS	52.72205%	7,289,825	1578	1.061628	1.062297	7,743,959	1,675	49.27%	59.25%	58.48%
GS,TS	63.02283%	980,928	178	1.061896	1.062297	1,042,037	189	6.63%	6.69%	6.69%
GSD	78.23957%	4,481,070	654	1.060330	1.061240	4,755,491	693	30.25%	24.51%	24.95%
GSLD,SBF	86.12625%	1,909,482	253	1.045147	1.045213	1,995,815	264	12.70%	9.34%	9.60%
SL/OL	319.52368%	170,634	6	1.058824	1.062295	181,264	6	1.15%	0.21%	0.28%
<b>TOTAL</b>		<b>14,831,938</b>	<b>2,669</b>			<b>15,718,566</b>	<b>2,827</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

(1) AVG 12 CP load factor based on actual 1995 calendar data.

(2) Projected kwh sales for the period January 2000 through December 2000.

(3) Calculated: Col (2) / (8760 x Col (1)), 8760 hours = hours in twelve months.

(4) Based on 1995 demand losses.

(5) Based on 1995 energy losses.

(6) Col (2) x Col (5).

(7) Col (3) x Col (4).

(8) Col (6) / total for Col (6).

(9) Col(7) / total for Col(7).

(10) Col (8) x 1/13 + Col (9) x 12/13

2

**TAMPA ELECTRIC COMPANY**  
Energy Conservation Adjustment  
Summary of Cost Recovery Clause Calculation  
For Months January 2000 through December 2000

1. Total Incremental Cost (C-2, Page 1, Line 17)	<u>18,612,677</u>
2. Demand Related Incremental Costs	<u>13,255,044</u>
3. Energy Related Incremental Costs	5,357,633
4. Interruptible Sales (@\$0.18 per MWH)	<u>(325,937)</u>
5. Net Energy Related Incremental Costs (Line 3 + Line 4)	<u>5,031,696</u>

RETAIL BY RATE CLASS

	RS	GS,TS	GSD	GSLD,SBE	SL,OL	Total
6. Demand Allocation Percentage	58.48%	6.69%	24.95%	9.60%	0.28%	100.00%
7. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	7,751,550	886,762	3,307,133	1,272,484	37,114	13,255,043
8. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 5, Line 12 (Allocation of D & E is based on the forecast period cost.)	<u>(859,003)</u>	<u>(98,268)</u>	<u>(366,486)</u>	<u>(141,013)</u>	<u>(4,113)</u>	<u>(1,468,883)</u>
9. Total Demand Related Incremental Costs	<u>6,892,547</u>	<u>788,494</u>	<u>2,940,647</u>	<u>1,131,471</u>	<u>33,001</u>	<u>11,786,160</u>
10. Net Energy Related Incremental Costs	2,479,117	333,601	1,522,088	639,025	57,865	5,031,696
11. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 5, Line 13 (Allocation of D & E is based on the forecast period cost.)	<u>(295,603)</u>	<u>(39,778)</u>	<u>(181,490)</u>	<u>(76,196)</u>	<u>(6,899)</u>	<u>(599,966)</u>
12. Total Net Energy Related Incremental Costs	<u>2,183,514</u>	<u>293,823</u>	<u>1,340,598</u>	<u>562,829</u>	<u>50,966</u>	<u>4,431,730</u>
<hr/>						
13. Total Incremental Costs (Line 7 • 10)	10,230,667	1,220,363	4,829,221	1,911,509	94,979	18,286,739
14. Total True Up (Over)/Under Recovery (Line 8 + 11) (Schedule C-3, Pg 5, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>(1,154,606)</u>	<u>(138,046)</u>	<u>(547,976)</u>	<u>(217,209)</u>	<u>(11,012)</u>	<u>(2,068,849)</u>
15. Total (Line 13 + 14)	<u>9,076,061</u>	<u>1,082,317</u>	<u>4,281,245</u>	<u>1,694,300</u>	<u>83,967</u>	<u>16,217,890</u>
16. Firm Retail MWH Sales	7,289,825	980,928	4,481,070	1,909,482	170,634	14,831,939
17. Cost per KWH - Demand (Line 9/Line 16)	0.09455	0.08038	*	*	0.01934	
18. Cost per KWH - Energy (Line 12/Line 16)	0.02995	0.02995	*	*	0.02987	
19. Cost per KWH - Demand & Energy (Line 17 • Line 18)	0.12450	0.11034	*	*	0.04921	
20. Revenue Tax Expansion Factor	1.00072	1.00072	*	*	1.00072	
21. Adjustment Factor Adjusted for Taxes	0.1246	0.1104	*	*	0.0492	
22. Conservation Adjustment Factor (cents/KWH) - Secondary	0.125	0.110	0.096	0.089	0.049	
- Primary			0.095	0.088		
- Subtransmission			-	0.087		
<b>(ROUNDED TO NEAREST .001 PER KWH)</b>						

\* See attached Schedule C-1, page 2 of 2.

Calculation of ECCR Factors for Customers Served at  
Levels Other than Secondary Distribution

	<u>GSD</u>	<u>GSLD, SBF</u>
Line 15 Total (Projected Costs & T/U) (Schedule C-1, pg 1, Line 15)		
-Secondary	4,148,025	893,023
- Primary	133,220	800,607
- Subtransmission	**	670
- Total	4,281,245	1,694,300
Total Firm MWH Sales (Schedule C-1, pg 1, Line 16)		
-Secondary	4,340,268	1,001,650
- Primary	140,802	907,065
- Subtransmission	**	767
- Total	4,481,070	1,909,482
Cost per KWH - Demand & Energy		
-Secondary	0.09557	0.08916
- Primary	0.09462	0.08826
- Subtransmission	**	0.08735
Revenue Tax Expansion Factor	1.00072	1.00072
Adjustment Factor Adjusted for Taxes		
-Secondary	0.09564	0.08922
- Primary	0.09468	0.08833
- Subtransmission	**	0.08742
Conservation Adjustment Factor (cents/KWH)		
-Secondary	<u>0.096</u>	<u>0.089</u>
- Primary	<u>0.095</u>	<u>0.088</u>
- Subtransmission	**	<u>0.087</u>

Note: Customers in the GSD rate class are only served at primary and secondary distribution levels.

The calculation for interruptible classes did not change the factor from the original (\$0.18 per MWH).

TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Estimated for Months January 2000 through December 2000

ESTIMATED

Program Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Heating and Cooling (E)	85,620	84,557	84,570	84,565	84,570	84,565	84,570	84,570	84,565	84,570	84,565	84,595	1,015,882
2. Prime Time (D)	1,156,579	1,096,963	1,116,896	929,607	920,266	922,789	926,359	940,672	941,974	939,299	1,117,794	1,134,977	12,144,175
3. Energy Audits (E)	116,473	115,249	115,262	116,157	122,762	122,757	123,662	122,762	122,757	123,462	115,257	113,407	1,429,967
4. Cogeneration (E)	30,273	30,046	30,083	30,046	30,121	30,083	30,159	30,235	30,197	30,273	30,235	30,344	362,095
5. Ceiling Insulation (E)	38,082	38,082	38,082	38,082	38,082	38,082	38,082	38,082	38,082	38,082	38,082	38,125	457,027
6. Commercial Load Mgmt (D)	2,840	2,848	2,855	4,063	4,070	4,078	4,085	4,093	4,097	4,101	2,909	2,952	42,991
7. Commercial Lighting (E)	35,552	35,552	35,552	35,552	35,552	35,552	35,552	35,552	35,552	35,552	35,552	35,552	426,624
8. Standby Generator (D)	63,629	62,369	62,369	62,369	62,369	62,369	62,369	62,369	62,369	62,369	62,369	62,394	749,713
9. Conservation Value (E)	4,630	4,630	4,630	4,630	4,630	4,630	4,630	4,630	4,630	4,630	4,630	4,630	55,560
10. Duct Repair (E)	106,961	106,961	106,961	106,961	106,961	106,961	106,961	106,961	106,961	106,961	106,961	106,963	1,283,534
11. Green Pricing Initiative (E)	1,630	1,630	1,630	1,630	1,630	630	0	0	0	0	0	0	8,780
12. Industrial Load Mgmt (D)	19,191	19,191	19,191	19,191	19,191	19,191	19,191	19,191	19,191	19,191	19,191	19,191	230,292
13. DSM Commercial R&D (D&E) (50% D, 50% E)	12,521	12,521	12,521	12,521	2,521	2,521	2,521	2,521	2,521	2,521	2,521	2,521	70,252
14. Common Expenses (D&E) (50% D, 50% E)	<u>27,980</u>	<u>27,980</u>	<u>27,980</u>	<u>27,980</u>	<u>27,980</u>	<u>27,980</u>	<u>27,980</u>	<u>27,980</u>	<u>27,980</u>	<u>27,980</u>	<u>27,980</u>	<u>28,005</u>	<u>335,785</u>
15. Total	1,701,961	1,638,579	1,658,582	1,473,354	1,460,705	1,462,188	1,466,121	1,479,618	1,480,876	1,478,991	1,648,046	1,663,656	18,612,677
16. Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
17. Recoverable Conserv. Expenses	<u>1,701,961</u>	<u>1,638,579</u>	<u>1,658,582</u>	<u>1,473,354</u>	<u>1,460,705</u>	<u>1,462,188</u>	<u>1,466,121</u>	<u>1,479,618</u>	<u>1,480,876</u>	<u>1,478,991</u>	<u>1,648,046</u>	<u>1,663,656</u>	<u>18,612,677</u>

Summary of Demand & Energy

Energy	449,067	446,553	446,616	447,469	449,154	448,106	448,462	447,638	447,590	448,376	440,128	438,474	5,357,633
Demand	<u>1,252,894</u>	<u>1,192,026</u>	<u>1,211,966</u>	<u>1,025,885</u>	<u>1,011,551</u>	<u>1,014,082</u>	<u>1,017,659</u>	<u>1,031,980</u>	<u>1,033,286</u>	<u>1,030,615</u>	<u>1,207,918</u>	<u>1,225,182</u>	<u>13,255,044</u>
Total Recoverable Conserv. Expenses	<u>1,701,961</u>	<u>1,638,579</u>	<u>1,658,582</u>	<u>1,473,354</u>	<u>1,460,705</u>	<u>1,462,188</u>	<u>1,466,121</u>	<u>1,479,618</u>	<u>1,480,876</u>	<u>1,478,991</u>	<u>1,648,046</u>	<u>1,663,656</u>	<u>18,612,677</u>

TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Estimated for Months January 2000 through December 2000

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
1. Heating and Cooling (E)	0	76,232	350	8,000	150,000	780,000	1,300	0	0	1,015,882
2. Prime Time (D)	1,197,215	908,655	141,000	129,000	30,000	9,664,000	67,222	7,083	0	12,144,175
3. Energy Audits (E)	0	893,798	3,711	382,683	80,400	0	57,375	12,000	0	1,429,967
4. Cogeneration (E)	0	349,335	0	0	0	0	12,760	0	0	362,095
5. Ceiling Insulation (E)	0	80,397	0	1,200	12,000	360,000	3,430	0	0	457,027
6. Commercial Load Mgmt (D)	967	11,824	900	1,200	4,800	22,800	500	0	0	42,991
7. Commerical Lighting (E)	0	39,384	0	0	24,000	360,000	3,240	0	0	426,624
8. Standby Generator (D)	0	104,473	12,000	30,000	0	600,000	3,240	0	0	749,713
9. Conservation Value (E)	0	7,560	0	0	0	48,000	0	0	0	55,560
10. Duct Repair (E)	0	206,100	6,000	240,000	204,000	600,000	17,930	9,504	0	1,283,534
11. Green Pricing Initiative (E)	0	3,780	0	5,000	0	0	0	0	0	8,780
12. Industrial Load Mgmt (D)	0	10,692	0	0	0	219,000	600	0	0	230,292
13. DSM Commercial R&D (D&E) (50% D, 50% E)	0	30,252	0	40,000	0	0	0	0	0	70,252
14. Common Expenses (D&E) (50% D, 50% E)	0	308,562	0	0	0	0	600	26,623	0	335,785
15. Total All Programs	<u>1,198,182</u>	<u>3,031,044</u>	<u>163,961</u>	<u>837,083</u>	<u>505,200</u>	<u>12,653,800</u>	<u>168,197</u>	<u>55,210</u>	<u>0</u>	<u>18,612,677</u>
<b>Summary of Demand &amp; Energy</b>										
Energy	0	1,831,339	10,061	656,883	470,400	2,257,500	96,635	34,815	0	5,357,633
Demand	<u>1,198,182</u>	<u>1,199,705</u>	<u>153,900</u>	<u>180,200</u>	<u>34,800</u>	<u>10,396,300</u>	<u>71,562</u>	<u>20,395</u>	<u>0</u>	<u>13,255,044</u>
Total All Programs	<u>1,198,182</u>	<u>3,031,044</u>	<u>163,961</u>	<u>837,083</u>	<u>505,200</u>	<u>12,653,800</u>	<u>168,197</u>	<u>55,210</u>	<u>0</u>	<u>18,612,677</u>



TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Estimated for Months January 2000 through December 2000

PRIME TIME

Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,200,000
2. Retirements	28,195	35,289	81,489	61,172	87,108	77,139	80,936	107,894	82,295	104,561	62,093	41,800	849,971
3. Depreciation Base	4,469,699	4,534,410	4,552,921	4,591,749	4,604,641	4,627,502	4,646,566	4,638,672	4,656,377	4,651,816	4,689,723	4,747,923	
4. Depreciation Expense	<u>73,897</u>	<u>75,034</u>	<u>75,728</u>	<u>76,206</u>	<u>76,637</u>	<u>76,935</u>	<u>77,284</u>	<u>77,377</u>	<u>77,459</u>	<u>77,568</u>	<u>77,846</u>	<u>78,647</u>	<u>929,618</u>
5. Cumulative Investment	4,397,894	4,534,410	4,552,921	4,591,749	4,604,641	4,627,502	4,646,566	4,638,672	4,656,377	4,651,816	4,689,723	4,747,923	4,747,923
6. Less: Accumulated Depr	<u>2,207,865</u>	<u>2,247,610</u>	<u>2,241,849</u>	<u>2,256,883</u>	<u>2,246,412</u>	<u>2,246,208</u>	<u>2,242,556</u>	<u>2,212,039</u>	<u>2,207,203</u>	<u>2,180,210</u>	<u>2,195,963</u>	<u>2,232,810</u>	<u>2,232,810</u>
7. Net Investment	<u>2,261,834</u>	<u>2,286,800</u>	<u>2,311,072</u>	<u>2,334,866</u>	<u>2,358,229</u>	<u>2,381,294</u>	<u>2,404,010</u>	<u>2,426,633</u>	<u>2,449,174</u>	<u>2,471,606</u>	<u>2,493,760</u>	<u>2,515,113</u>	<u>2,515,113</u>
8. Average Investment	2,248,783	2,274,317	2,298,936	2,322,969	2,346,548	2,369,762	2,392,652	2,415,322	2,437,904	2,460,390	2,482,683	2,504,437	
9. Return on Average Investment	13,380	13,532	13,679	13,822	13,962	14,100	14,236	14,371	14,506	14,639	14,772	14,901	169,900
10. Return Requirements	<u>21,783</u>	<u>22,030</u>	<u>22,289</u>	<u>22,502</u>	<u>22,730</u>	<u>22,955</u>	<u>23,176</u>	<u>23,396</u>	<u>23,616</u>	<u>23,832</u>	<u>24,049</u>	<u>24,259</u>	<u>276,597</u>
11. Total Depreciation and Return	<u>95,680</u>	<u>97,064</u>	<u>97,997</u>	<u>98,708</u>	<u>99,367</u>	<u>99,890</u>	<u>100,460</u>	<u>100,773</u>	<u>101,075</u>	<u>101,400</u>	<u>101,895</u>	<u>102,306</u>	<u>1,197,215</u>

NOTES:  
Depreciation expense is calculated using a useful life of 60 months.  
Return on Average Investment is calculated using a monthly rate of 0.59500% .  
Return requirements are calculated using an income tax multiplier of 1.6280016.

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Estimated for Months January 2000 through December 2000

COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		300	300	300	300	300	300	300	300	300	300	300	300	3,600
2. Retirements		0	0	0	0	0	0	0	0	335	0	0	0	335
3. Depreciation Base		1,835	2,135	2,435	2,735	3,035	3,335	3,635	3,935	3,900	4,200	4,500	4,800	
4. Depreciation Expense		<u>28</u>	<u>33</u>	<u>38</u>	<u>43</u>	<u>48</u>	<u>53</u>	<u>58</u>	<u>63</u>	<u>65</u>	<u>68</u>	<u>73</u>	<u>78</u>	<u>648</u>
5. Cumulative Investment	1,535	1,835	2,135	2,435	2,735	3,035	3,335	3,635	3,935	3,900	4,200	4,500	4,800	4,800
6. Less: Accumulated Depre	<u>323</u>	<u>351</u>	<u>384</u>	<u>422</u>	<u>465</u>	<u>513</u>	<u>566</u>	<u>624</u>	<u>687</u>	<u>417</u>	<u>485</u>	<u>558</u>	<u>636</u>	<u>636</u>
7. Net Investment	<u>1,212</u>	<u>1,484</u>	<u>1,751</u>	<u>2,013</u>	<u>2,270</u>	<u>2,522</u>	<u>2,769</u>	<u>3,011</u>	<u>3,248</u>	<u>3,483</u>	<u>3,715</u>	<u>3,942</u>	<u>4,164</u>	<u>4,164</u>
8. Average Investment		1,348	1,618	1,882	2,142	2,396	2,646	2,890	3,130	3,366	3,599	3,829	4,053	
9. Return on Average Investment		8	10	11	13	14	16	17	19	20	21	23	24	196
10. Return Requirements		<u>13</u>	<u>16</u>	<u>18</u>	<u>21</u>	<u>23</u>	<u>26</u>	<u>28</u>	<u>31</u>	<u>33</u>	<u>34</u>	<u>37</u>	<u>39</u>	<u>319</u>
Total Depreciation and Return		<u>41</u>	<u>49</u>	<u>56</u>	<u>64</u>	<u>71</u>	<u>79</u>	<u>86</u>	<u>94</u>	<u>98</u>	<u>102</u>	<u>110</u>	<u>117</u>	<u>967</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59500% .

Return requirements are calculated using an income tax multiplier of 1.6280016.

TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Actual for Months January 1999 through August 1999  
Projected for Months September 1999 through December 1999

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
<b>1. Heating &amp; Cooling</b>										
2. Actual	0	40,061	0	105,623	158,918	325,882	241	0	0	630,725
3. Projected	0	26,138	0	2,672	31,000	285,500	200	0	0	345,510
4. Total	0	66,199	0	108,295	189,918	611,382	441	0	0	976,235
<b>5. Prime Time</b>										
6. Actual	731,794	541,060	47,776	153,210	53,559	6,295,760	35,224	15,366	0	7,873,749
7. Projected	374,299	318,779	79,580	43,008	4,800	3,081,574	22,430	2,363	0	3,926,933
8. Total	1,106,093	859,839	127,456	196,218	58,359	9,377,334	57,654	17,729	0	11,800,682
<b>9. Energy Audits</b>										
10. Actual	0	448,388	3,781	171,414	113,331	0	34,717	5,384	0	777,015
11. Projected	0	318,178	700	128,004	45,600	0	19,143	6,864	0	516,487
12. Total	0	766,564	4,481	297,418	158,931	0	53,860	12,248	0	1,293,502
<b>13. Cogeneration</b>										
14. Actual	0	145,224	0	19	0	0	5,587	5	0	150,835
15. Projected	0	146,225	836	1,041	0	0	4,272	0	0	152,374
16. Total	0	291,449	836	1,060	0	0	9,859	5	0	303,209
<b>17. Ceiling Insulation</b>										
18. Actual	0	47,068	0	373	7,475	1,097,400	1,532	0	0	1,153,848
19. Projected	0	27,386	0	2,672	18,000	120,000	1,244	0	0	169,302
20. Total	0	74,454	0	3,045	25,475	1,217,400	2,776	0	0	1,323,150
<b>21. Commercial Load Management</b>										
22. Actual	478	5,681	0	196	26,775	9,623	596	0	0	43,349
23. Projected	87	4,013	1,300	3,072	0	9,000	172	0	0	17,644
24. Total	565	9,694	1,300	3,268	26,775	18,623	768	0	0	60,993
<b>25. Commercial Lighting</b>										
26. Actual	0	15,139	0	0	41,558	182,753	940	695	0	241,085
27. Projected	0	22,401	0	1,336	18,000	120,000	1,080	0	0	162,817
28. Total	0	37,540	0	1,336	59,558	302,753	2,020	695	0	403,902
<b>29. Standby Generator</b>										
30. Actual	0	46,213	5,813	16,800	0	391,773	1,531	598	0	462,528
31. Projected	0	30,039	8,344	10,000	0	240,000	252	0	0	288,635
32. Total	0	76,252	13,957	26,800	0	631,773	1,783	598	0	751,163
<b>33. Conservation Value</b>										
34. Actual	0	2,452	0	0	538	4,820	15	0	0	7,825
35. Projected	0	192	0	0	0	12,500	0	0	0	12,692
36. Total	0	2,644	0	0	538	17,320	15	0	0	20,517
<b>37. Duct Repair</b>										
38. Actual	0	85,157	85,143	107,656	137,904	152,887	9,773	1,988	0	580,508
39. Projected	0	83,358	400	80,000	138,000	240,000	5,978	3,168	0	550,904
40. Total	0	168,515	85,543	187,656	275,904	392,887	15,751	5,156	0	1,131,412
<b>45. Green Pricing Initiative</b>										
46. Actual	0	0	0	0	0	0	0	0	0	0
47. Projected	0	2,552	0	24,000	0	0	0	0	0	26,552
48. Total	0	2,552	0	24,000	0	0	0	0	0	26,552
<b>49. DSM Commercial R&amp;D</b>										
50. Actual	0	1,600	1,238	11,257	0	0	130	0	0	14,225
51. Projected	0	0	0	0	0	0	0	0	0	0
52. Total	0	1,600	1,238	11,257	0	0	130	0	0	14,225
<b>53. Common Expenses</b>										
54. Actual	0	165,512	0	0	0	0	1,047	2,084	0	168,643
55. Projected	0	105,428	0	0	0	0	200	8,879	0	114,505
56. Total	0	270,938	0	0	0	0	1,247	10,963	0	283,148
57. Total All Programs	<u>1,106,658</u>	<u>2,628,240</u>	<u>234,811</u>	<u>860,353</u>	<u>795,458</u>	<u>12,569,472</u>	<u>146,304</u>	<u>47,394</u>	<u>0</u>	<u>18,388,690</u>

6

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months January 1999 through August 1999  
Projected for Months September 1999 through December 1999

PRIME TIME

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		33,854	71,653	92,754	67,137	66,199	111,724	115,443	130,853	80,000	80,000	80,000	80,000	1,009,617
2. Retirements		74,182	93,602	90,215	75,812	134,986	68,659	86,272	77,472	55,078	50,903	34,219	44,139	885,539
3. Depreciation Base		4,233,488	4,211,539	4,214,078	4,205,403	4,136,616	4,179,681	4,208,852	4,262,233	4,287,155	4,316,252	4,362,033	4,397,894	
4. Depreciation Expense		<u>80,530</u>	<u>70,375</u>	<u>70,213</u>	<u>70,162</u>	<u>69,517</u>	<u>69,302</u>	<u>69,904</u>	<u>70,592</u>	<u>71,245</u>	<u>71,695</u>	<u>72,319</u>	<u>72,999</u>	<u>858,853</u>
5. Cumulative Investment	<u>4,273,816</u>	4,233,488	4,211,539	4,214,078	4,205,403	4,136,616	4,179,681	4,208,852	4,262,233	4,287,155	4,316,252	4,362,033	4,397,894	4,397,894
6. Less: Accumulated Depreciation	<u>2,188,849</u>	<u>2,195,197</u>	<u>2,171,970</u>	<u>2,151,968</u>	<u>2,146,318</u>	<u>2,080,849</u>	<u>2,081,492</u>	<u>2,065,124</u>	<u>2,058,244</u>	<u>2,074,411</u>	<u>2,095,203</u>	<u>2,133,303</u>	<u>2,162,163</u>	<u>2,162,163</u>
7. Net Investment	<u>2,084,967</u>	<u>2,038,291</u>	<u>2,039,569</u>	<u>2,062,110</u>	<u>2,059,085</u>	<u>2,055,767</u>	<u>2,098,189</u>	<u>2,143,728</u>	<u>2,203,989</u>	<u>2,212,744</u>	<u>2,221,049</u>	<u>2,228,730</u>	<u>2,235,731</u>	<u>2,235,731</u>
8. Average Investment		2,061,629	2,038,930	2,050,840	2,060,598	2,057,426	2,076,978	2,120,959	2,173,859	2,208,367	2,216,897	2,224,890	2,232,231	
9. Return on Average Investment		12,267	12,132	12,202	12,261	12,242	12,358	12,620	12,934	13,140	13,191	13,238	13,282	151,867
10. Return Requirements		<u>19,971</u>	<u>19,751</u>	<u>19,865</u>	<u>19,961</u>	<u>19,930</u>	<u>20,119</u>	<u>20,545</u>	<u>21,057</u>	<u>21,392</u>	<u>21,475</u>	<u>21,551</u>	<u>21,623</u>	<u>247,240</u>
11. Total Depreciation and Return		<u>100,501</u>	<u>90,126</u>	<u>90,078</u>	<u>90,123</u>	<u>89,447</u>	<u>89,421</u>	<u>90,449</u>	<u>91,649</u>	<u>92,637</u>	<u>93,170</u>	<u>93,870</u>	<u>94,622</u>	<u>1,106,093</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.  
Return on Average Investment is calculated using a monthly rate of 0.59500%  
Return requirements are calculated using an income tax multiplier of 1.6280016.

10

**TAMPA ELECTRIC COMPANY**  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months January 1999 through August 1999  
Projected for Months September 1999 through December 1999

**COMMERCIAL LOAD MANAGEMENT**

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	0	0	0	0	300	300	300	300	1,200
2. Retirements		85	0	0	1140	3172	978	0	0	0	0	0	0	5,375
3. Depreciation Base		5,625	5,625	5,625	4,485	1,313	335	335	335	635	935	1,235	1,535	
4. Depreciation Expense		<u>94</u>	<u>94</u>	<u>94</u>	<u>84</u>	<u>48</u>	<u>14</u>	<u>6</u>	<u>6</u>	<u>8</u>	<u>13</u>	<u>18</u>	<u>23</u>	<u>502</u>
5. Cumulative Investment	<u>5,710</u>	5,625	5,625	5,625	4,485	1,313	335	335	335	635	935	1,235	1,535	1,535
6. Less: Accumulated Depre	<u>4,761</u>	<u>4,770</u>	<u>4,864</u>	<u>4,958</u>	<u>3,902</u>	<u>778</u>	<u>249</u>	<u>255</u>	<u>261</u>	<u>269</u>	<u>282</u>	<u>300</u>	<u>323</u>	<u>323</u>
7. Net Investment	<u>949</u>	<u>855</u>	<u>761</u>	<u>667</u>	<u>583</u>	<u>535</u>	<u>86</u>	<u>80</u>	<u>74</u>	<u>366</u>	<u>653</u>	<u>935</u>	<u>1,212</u>	<u>1,212</u>
8. Average Investment		902	808	714	625	559	311	83	77	220	510	794	1,074	
9. Return on Average Investment		5	5	4	4	3	2	0	0	1	3	5	6	38
10. Return Requirements		8	8	7	7	5	3	0	0	2	5	8	10	63
11. Total Depreciation and Return		<u>102</u>	<u>102</u>	<u>101</u>	<u>91</u>	<u>53</u>	<u>17</u>	<u>6</u>	<u>6</u>	<u>10</u>	<u>18</u>	<u>26</u>	<u>33</u>	<u>565</u>

**NOTES:**

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.59500% .

Return requirements are calculated using an income tax multiplier of 1.6280016.

11

TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Actual for Months January 1999 through August 1999  
Projected for Months September 1999 through December 1999

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Heating and Cooling	70,079	51,480	78,975	24,413	90,429	84,417	138,790	92,142	88,618	89,624	78,618	88,650	976,235
2. Prime Time	1,102,027	1,038,471	1,100,503	910,441	920,203	897,393	958,073	948,638	978,310	982,965	988,184	977,474	11,800,682
3. Energy Audits	72,110	94,942	110,514	85,833	94,874	79,613	104,850	134,279	131,664	132,370	124,164	128,289	1,293,502
4. Cogeneration	16,751	19,077	21,997	17,961	22,289	19,389	17,010	16,361	38,022	38,101	38,061	38,190	303,209
5. Ceiling Insulation	96,191	176,206	218,369	97,134	162,458	187,391	115,206	100,893	41,812	41,812	41,812	43,866	1,323,150
6. Commercial Load Management	1,695	8,638	17,675	2,714	2,950	2,705	3,693	3,279	5,138	5,146	3,654	3,706	60,993
7. Commercial Lighting	6,234	52,168	35,361	23,247	6,104	33,796	75,757	8,418	40,202	40,202	40,202	42,211	403,902
8. Standby Generator	50,577	55,108	72,722	52,912	58,736	57,765	58,344	56,364	72,145	72,145	72,145	72,200	751,163
9. Conservation Value	129	38	256	32	108	1,350	5,566	346	5,048	1,298	1,298	5,048	20,517
10. Duct Repair	54,323	34,190	64,536	22,000	127,747	101,094	83,193	93,425	137,211	137,212	137,211	139,270	1,131,412
11. Green Pricing Initiative	0	0	0	0	0	0	0	0	6,638	6,638	6,638	6,638	26,552
12. DSM Commercial R&D	9,640	162	380	1,126	819	1,343	275	480	0	0	0	0	14,225
13. Common Expenses	10,523	19,874	14,402	26,643	28,933	18,069	26,661	23,538	28,620	28,620	28,620	28,645	283,148
14. Total	1,490,279	1,548,354	1,735,690	1,264,456	1,515,650	1,484,325	1,587,418	1,478,163	1,573,428	1,576,133	1,560,607	1,574,187	18,388,690
15. Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
16. Recoverable Conservation Expenses	<u>1,490,279</u>	<u>1,548,354</u>	<u>1,735,690</u>	<u>1,264,456</u>	<u>1,515,650</u>	<u>1,484,325</u>	<u>1,587,418</u>	<u>1,478,163</u>	<u>1,573,428</u>	<u>1,576,133</u>	<u>1,560,607</u>	<u>1,574,187</u>	<u>18,388,690</u>

12

DOCKET NO. 990002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-2)  
 SCHEDULE C-3  
 PAGE 4 of 6

TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up

Actual for Months January 1999 through August 1999  
Projected for Months September 1999 through December 1999

B. CONSERVATION REVENUES	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Residential Conservation Audit Fees (A)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues * (C-4, page 1 of 1)	1,718,123	1,462,435	1,457,981	1,262,181	1,337,496	1,543,074	1,611,507	1,727,346	1,721,438	1,500,809	1,264,012	1,269,602	17,876,004
3. Total Revenues	1,718,123	1,462,435	1,457,981	1,262,181	1,337,496	1,543,074	1,611,507	1,727,346	1,721,438	1,500,809	1,264,012	1,269,602	17,876,004
4. Prior Period True-up	454,365	454,365	454,365	264,595	264,595	264,595	264,595	264,595	264,595	264,595	264,595	264,595	3,744,449
5. Conservation Revenue Applicable to Period	2,172,488	1,916,800	1,912,346	1,526,776	1,602,091	1,807,669	1,876,102	1,991,941	1,986,033	1,765,404	1,528,607	1,534,197	21,620,453
6. Conservation Expenses (C-3, Page 4, Line 14)	1,490,279	1,548,354	1,735,690	1,264,456	1,515,650	1,484,325	1,587,418	1,478,163	1,573,428	1,576,133	1,560,607	1,574,187	18,388,690
7. True-up This Period (Line 5 - Line 6)	682,209	368,446	176,656	262,320	86,441	323,344	288,684	513,778	412,605	189,271	(32,000)	(39,990)	3,231,763
8. Interest Provision This Period (C-3, Page 6, Line 10)	10,528	10,805	10,166	9,592	9,244	9,289	9,728	10,617	12,082	12,681	11,970	10,694	95,897
9. True-up & Interest Provision Beginning of Period	2,485,639	2,724,011	2,648,897	2,381,354	2,388,671	2,219,761	2,287,799	2,321,616	2,581,416	2,741,508	2,678,865	2,394,240	2,485,639
10. Prior Period True-up Collected (Refunded)	(454,365)	(454,365)	(454,365)	(264,595)	(264,595)	(264,595)	(264,595)	(264,595)	(264,595)	(264,595)	(264,595)	(264,595)	(3,744,450)
11. End of Period Total Net True-up	<u>2,724,011</u>	<u>2,648,897</u>	<u>2,381,354</u>	<u>2,388,671</u>	<u>2,219,761</u>	<u>2,287,799</u>	<u>2,321,616</u>	<u>2,581,416</u>	<u>2,741,508</u>	<u>2,678,865</u>	<u>2,394,240</u>	<u>2,100,349</u>	<u>2,068,849</u>

\* Net of Revenue Taxes

(A) Included in Line 6

	Summary of Allocation	Forecast	Ratio	True Up
12.	Demand	13,255,044	0.71	1,468,883
13.	Energy	5,357,633	0.29	599,966
	Total	<u>18,612,677</u>	<u>1.00</u>	<u>2,068,849</u>

13

TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of Interest Provision

Actual for Months January 1999 through August 1999  
Projected for Months September 1999 through December 1999

C. INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	\$2,485,639	\$2,724,011	\$2,648,897	\$2,381,354	\$2,388,671	\$2,219,761	\$2,287,799	\$2,321,616	\$2,581,416	\$2,741,508	\$2,678,865	\$2,394,240	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	2,713,483	2,638,092	2,371,188	2,379,079	2,210,517	2,278,510	2,311,888	2,570,799	2,729,426	2,666,184	2,382,270	2,089,655	
3. Total Beginning & Ending True-up	<u>\$5,199,122</u>	<u>\$5,362,103</u>	<u>\$5,020,085</u>	<u>\$4,760,433</u>	<u>\$4,599,188</u>	<u>\$4,498,271</u>	<u>\$4,599,687</u>	<u>\$4,892,415</u>	<u>\$5,310,842</u>	<u>\$5,407,692</u>	<u>\$5,061,135</u>	<u>\$4,483,895</u>	
4. Average True-up Amount (50% of Line 3)	<u>\$2,599,561</u>	<u>\$2,681,052</u>	<u>\$2,510,043</u>	<u>\$2,380,217</u>	<u>\$2,299,594</u>	<u>\$2,249,136</u>	<u>\$2,299,844</u>	<u>\$2,446,208</u>	<u>\$2,655,421</u>	<u>\$2,703,846</u>	<u>\$2,530,568</u>	<u>\$2,241,948</u>	
5. Interest Rate - First Day of Month	4.900%	4.810%	4.850%	4.880%	4.800%	4.850%	5.050%	5.100%	5.320%	5.600%	5.650%	5.700%	
6. Interest Rate - First Day of Next Month	4.810%	4.850%	4.880%	4.800%	4.850%	5.050%	5.100%	5.320%	5.600%	5.650%	5.700%	5.750%	
7. Total (Line 5 + Line 6)	<u>9.710%</u>	<u>9.660%</u>	<u>9.730%</u>	<u>9.680%</u>	<u>9.650%</u>	<u>9.900%</u>	<u>10.150%</u>	<u>10.420%</u>	<u>10.920%</u>	<u>11.250%</u>	<u>11.350%</u>	<u>11.450%</u>	
8. Average Interest Rate (50% of Line 7)	<u>4.855%</u>	<u>4.830%</u>	<u>4.865%</u>	<u>4.840%</u>	<u>4.825%</u>	<u>4.950%</u>	<u>5.075%</u>	<u>5.210%</u>	<u>5.460%</u>	<u>5.625%</u>	<u>5.675%</u>	<u>5.725%</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.405%</u>	<u>0.403%</u>	<u>0.405%</u>	<u>0.403%</u>	<u>0.402%</u>	<u>0.413%</u>	<u>0.423%</u>	<u>0.434%</u>	<u>0.455%</u>	<u>0.469%</u>	<u>0.473%</u>	<u>0.477%</u>	
10. Interest Provision (Line 4 x Line 9)	<u>\$10,528</u>	<u>\$10,805</u>	<u>\$10,166</u>	<u>\$9,592</u>	<u>\$9,244</u>	<u>\$9,289</u>	<u>\$9,728</u>	<u>\$10,617</u>	<u>\$12,082</u>	<u>\$12,681</u>	<u>\$11,970</u>	<u>\$10,694</u>	<u>\$95,897</u>

14



TAMPA ELECTRIC COMPANY  
Energy Conservation  
Calculation of Conservation Revenues

Actual for Months January 1999 through August 1999  
Projected for Months September 1999 through December 1999

(1) Months	(2) Firm MWH Sales	(3) Interruptible MWH Sales	(4) Clause Revenue Net of Revenue Taxes
January	1,142,012	133,505	1,718,123
February	980,424	123,173	1,462,435
March	973,939	140,435	1,457,981
April	1,072,811	87,692	1,262,181
May	1,124,645	132,640	1,337,496
June	1,292,414	126,644	1,543,074
July	1,348,833	115,681	1,611,507
August	1,444,342	89,878	1,727,346
September	1,438,127	131,444	1,721,438
October	1,260,386	137,856	1,500,809
November	1,070,584	139,546	1,264,012
December	1,071,423	139,132	1,269,602
Total	<u>14,219,940</u>	<u>1,497,626</u>	<u>17,876,004</u>

15

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** HEATING AND COOLING

**Program Description:** Incentive Program for the installation of high efficiency heating and cooling equipment.

**Program Projections:** January 1, 1999 to December 31, 1999

1,731 units to be installed and approved.

January 1, 2000 to December 31, 2000

2,400 units to be installed and approved.

**Program Fiscal  
Expenditures:**

January 1, 1999 to December 31, 1999

Expenditures estimated for the period are \$976,235.

January 1, 2000 to December 31, 2000

Expenditures estimated for the period are \$1,015,882.

**Program Progress**

**Summary:** Through December 31, 1998 - 138,894 units have been installed and approved.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** PRIME TIME

**Program Description:** Load management program for cycling residential appliances - heating, air conditioning, water heating and pool pumps.

**Program Projections:** January 1, 1999 to December 31, 1999

77,489 Customers on this program (cumulative).

January 1, 2000 to December 31, 2000

78,689 Customers will be participating (cumulative).

**Program Fiscal  
Expenditures:**

January 1, 1999 to December 31, 1999

Estimated expenditures are \$11,800,682

January 1, 2000 to December 31, 2000

\$12,144,175 estimated.

**Program Progress  
Summary:**

77,828 Customers through December 31, 1998

Breakdown is as follows:

Water Heating	73,376
Air Conditioning	59,629
Heating	61,073
Pool Pump	14,433

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** ENERGY AUDITS

**Program Description:** Audits of residential, commercial and industrial Customers' facilities to help define potential areas of energy savings. Additionally, mail-in self evaluating audits are available for customers.

**Program Projections:** January 1, 1999 to December 31, 1999

Residential - 16,944 (RCS-0; 4,806; Mail-in-12,138)

Comm/Ind - 593 (Paid - 1; Free - 381; Mail-in-211)

January 1, 2000 to December 31, 2000

Residential - 16,800 (RCS-0; Alt-4,800; Mail-in-12,000)

Comm/Ind - 482 (Paid - 2; Free - 480)

**Program Fiscal  
Expenditures:**

January 1, 1999 to December 31, 1999

Expenditures are expected to be \$1,293,502.

January 1, 2000 to December 31, 2000

Estimated costs are \$1,429,967.

**Program Progress  
Summary:**

Through December 31, 1998 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	175,495
Residential Mail-in	27,741
Commercial-Ind (Fee)	223
Commercial-Ind (Free)	12,433
Commercial Mail-in	1,208

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COGENERATION

**Program Description:** To encourage the development of cost-effective Commercial and Industrial cogeneration facilities. To evaluate and administer Standard Offer and negotiated Contracts for the purchase of firm capacity and energy.

**Program Projections:** January 1, 1999 to December 31, 1999

Construction completed to increase steam capability and generator output at one existing facility and a generator replacement is progressing which will increase generator capacity at a second existing qualifying facility. Will continue communication and interaction with all present and potential cogeneration Customers.

January 1, 2000 to December 31, 2000

Start the development and publication of the 20-Year Cogeneration Forecast.

**Program Fiscal Expenditures:**

January 1, 1999 to December 31, 1999

Expenditures are estimated to be \$303,209.

January 1, 2000 to December 31, 2000

Expenditures are estimated to be \$362,095.

**Program Progress Summary:**

The projected total maximum generation by electrically interconnected cogeneration during 2000 will be approximately 612 MW.

Continuing interaction with current and potential cogeneration developers for discussion regarding current cogeneration activities and future cogeneration construction activities. Currently there are sixteen (16) Qualifying Facilities with generation on-line in our service area.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** CEILING INSULATION

**Program Description:** Incentive program used to promote the addition of insulation in existing residential living units.

**Program Projections:** January 1, 1999 to December 31, 1999

Approximately 11,973 units during this period.

January 1, 2000 to December 31, 2000

3,600 units expected for this period.

**Program Fiscal  
Expenditures:**

January 1, 1999 to December 31, 1999

Expenditures are estimated to be \$1,323,150.

January 1, 2000 to December 31, 2000

\$457,027 are the expected costs.

**Program Progress  
Summary:**

Through December 31, 1998 - 36,471 installations have been certified and paid.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL LOAD MANAGEMENT

**Program Description:** Load Management program for Commercial Customers.

**Program Projections:** January 1, 1999 to December 31, 1999

No installations expected.

January 1, 2000 to December 31, 2000

3 installations expected.

**Program Fiscal  
Expenditures:**

January 1, 1999 to December 31, 1999

\$60,993 are expected costs.

January 1, 2000 to December 31, 2000

Expenses of \$42,991 are estimated.

**Program Progress  
Summary:**

Through December 31, 1998 - 26 Commercial installations are in service.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL INDOOR LIGHTING

**Program Description:** An incentive program to encourage investment in more efficient lighting technology in existing commercial facilities.

**Program Projections:** January 1, 1999 to December 31, 1999

81 Customers are expected to participate during this period.

January 1, 2000 to December 31, 2000

100 Customers are expected to participate during this period.

**Program Fiscal  
Expenditures:**

January 1, 1999 to December 31, 1999

Expenditures estimated for the period are \$403,902.

January 1, 2000 to December 31, 2000

Expenditures estimated for this period are \$426,624.

**Program Progress  
Summary:**

Through December 31, 1998 - 695 Customers have participated.



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** STANDBY GENERATOR

**Program Description:** A program designed to utilize the emergency generation capacity of Commercial/Industrial facilities in order to reduce weather sensitive peak demand.

**Program Projections:** January 1, 1999 to December 31, 1999

3 installations are expected.

January 1, 2000 to December 31, 2000

3 installations are expected.

**Program Fiscal  
Expenditures:**

January 1, 1999 to December 31, 1999

Expenditures estimated for the period are \$751,163.

January 1, 2000 to December 31, 2000

Expenditures estimated for the period are \$749,713.

**Program Progress  
Summary:**

Through December 31, 1998 - 39 Customers are participating.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** CONSERVATION VALUE

**Program Description:** An incentive program for Commercial/Industrial Customers that encourages additional investments in substantial demand shifting or demand reduction measures.

**Program Projections:** January 1, 1999 to December 31, 1999

1 Customer is expected to participate.

January 1, 2000 to December 31, 2000

3 Customers are expected to participate.

**Program Fiscal  
Expenditures:**

January 1, 1999 to December 31, 1999

Estimated expenses are \$20,517.

January 1, 2000 to December 31, 2000

Estimated expenses are \$55,560.

**Program Progress  
Summary:**

Through December 31, 1998 - Five Customers have earned incentive dollars. We are actively working with several Customers on evaluations of various measures.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** DUCT REPAIR

**Program Description:** An incentive program to encourage the repair of the air distribution system in a residence.

**Program Projections:** January 1, 1999 to December 31, 1999

2,096 repairs to be made.

January 1, 2000 to December 31, 2000

3,600 repairs to be made.

**Program Fiscal  
Expenditures:**

January 1, 1999 to December 31, 1999

Expenditures estimated for the period are \$1,131,412.

January 1, 2000 to December 31, 2000

Expenditures estimated for the period are \$1,283,534.

**Program Progress  
Summary:**

Through September 30, 1998 - 23,213 Customers have participated. This includes an adjustment from previous filing.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** GREEN PRICING INITIATIVE

**Program Description:** A program designed to determine the level of interest ratepayers have toward alternate funding sources to promote the installation of renewable technologies.

**Program Projections:** January 1, 1999 to December 31, 1999

See Program Progress Summary below.

January 1, 2000 to December 31, 2000

See Program Progress Summary below.

**Program Fiscal Expenditures:**

January 1, 1999 to December 31, 1999

Expenditures estimated for the period are \$26,552.

January 1, 2000 to December 31, 2000

Expenditures estimated for the period are \$8,780.

**Program Progress Summary:**

This initiative was started in response to Order No. PSC-95-0691-FOF-EG, Docket No. 941173-EG, issued June 9, 1995. Tampa Electric Company has periodically sampled our ratepayers to determine their willingness to participate in a Green Power Program. Recent data indicates an increased level of interest. Therefore, in conjunction with a stipulated agreement approved by the FPSC between Legal Environmental Assistance Foundation (LEAF) and Tampa Electric in Docket No. 971007-EG, the company will assess resource availability, the extent of heightened customer interest, and the potential monetary commitment necessary and available from our ratepayers.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** INDUSTRIAL LOAD MANAGEMENT

**Program Description:** A load management program for large industrial customers with interruptible loads of 500 kW or greater.

**Program Projections:** January 1, 1999 to December 31, 1999

No customers are expected to participate.

January 1, 2000 to December 31, 2000

2 Customers are expected to participate.

**Program Fiscal  
Expenditures:**

January 1, 1999 to December 31, 1999

No expenses are expected.

January 1, 2000 to December 31, 2000

Expenditures are estimated to be \$230,292.

**Program Progress**

**Summary:**

Program approved by FPSC in Docket No. 990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** DSM COMMERCIAL R&D

**Program Description:** A program directed at R&D for commercial end-use technologies not yet commercially available or where insufficient data exists for measure evaluations specific to central Florida climate.

**Program Projections:** See Program Progress Summary.

**Program Fiscal  
Expenditures:**

January 1, 1999 to December 31, 1999

Expenditures are estimated at \$14,225.

January 1, 2000 to December 31, 2000

Expenditures are estimated at \$70,252.

**Program Progress  
Summary:**

Commercial Desiccant Application - Testing and data collection in progress at an adult high school. Preliminary results indicate the unit is reducing moisture load to the school. Testing has continued through the summer of 1999 as equipment performance relative to load conditions has been monitored and adjusted to optimize efficiency.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMON EXPENSES

**Program Description:** Expenditures which cover a number of conservation programs.

**Program Projections:** N/A

**Program Fiscal  
Expenditures:**

January 1, 1999 to December 31, 1999

Expenditures are estimated to be \$283,148.

January 1, 2000 to December 31, 2000

Expenditures are estimated at \$335,785.

**Program Progress  
Summary:**

N/A

Exhibit \_\_\_\_\_ (BAB-1)

CHESAPEAKE UTILITIES CORPORATION  
CONSERVATION COST RECOVERY TRUE-UP  
April 30, 1998 through March 31, 1999

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 99000 2-EG EXHIBIT NO. 9  
COMPANY/ Bauk  
WITNESS: \_\_\_\_\_  
DATE 11-22-99

DOCUMENT NUMBER-DATE

06109 MAY 13 88

FPSO-RECORDS/REPORTING



## CONTENTS

<b>Schedule CT-1</b>		
(1 of 1)	Adjusted Net True-up	1
<b>Schedule CT-2</b>		
(1 of 3)	Analysis of Energy Conservation Costs Actual vs. Estimated	2
(2 of 3)	Actual Conservation Program Costs per Program	3
(3 of 3)	Conservation Costs Per Program- Variance Actual vs. Projected	4
<b>Schedule CT-3</b>		
(1 of 3)	Energy Conservation Adjustment Calculation of True-Up and Interest Provision- Summary of Expenses by Program by Month	5
(2 of 3)	Energy Conservation Adjustment Calculation of True-Up and Interest Provision	6
(3 of 3)	Calculation of True-Up and Interest Provision	7
<b>Schedule CT-4</b>		
(1 of 1)	Schedule of Capital Investments, Depreciation and Return	8
<b>Schedule CT-5</b>		
(1 of 1)	Reconciliation and Explanation of Differences Between Filing PSC Audit Report for April 1998 through March 1999.	9
<b>Schedule CT-6</b>		
(1 of 9)	Program Description and Progress Residential Home Builder Program	10
(2 of 9)	Program Description and Progress Water Heater Replacement Program	11
(3 of 9)	Program Description and Progress Oil & Electric Strip Heat Replacement Program	12
(4 of 9)	Program Description and Progress Conservation Education Program	13
(5 of 9)	Program Description and Progress Gas Space Conditioning	14
(6 of 9)	Program Description and Progress Water Heater Retention Program	15
(7 of 9)	Program Description and Progress Residential Appliance Replacement	16

(8 of 9)	Program Description and Progress Propane Distribution Program	17
(9 of 9)	Program Description and Progress Residential Space Conditioning	18

ADJUSTED NET TRUE-UP  
FOR MONTHS APRIL 1998 THROUGH MARCH 1999

## END OF PERIOD NET TRUE-UP

PRINCIPLE	58,597	
INTEREST	<u>3,755</u>	62,351

## LESS PROJECTED TRUE-UP

PRINCIPLE	36,984	
INTEREST	<u>3,333</u>	<u>40,317</u>

ADJUSTED NET TRUE-UP		<u>22,034</u>
----------------------	--	---------------

() REFLECTS OVER-RECOVERY

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VERSUS ESTIMATED

APRIL 1998 THROUGH MARCH 1999

	<u>ACTUAL</u>	<u>PROJECTED*</u>	<u>DIFFERENCE</u>
CAPITAL INVESTMENT	0	0	0
PAYROLL & BENEFITS	39,424	35,642	3,782
MATERIALS & SUPPLIES	0	400	(400)
ADVERTISING	31,607	29,691	1,916
INCENTIVES	203,002	209,868	(6,866)
OUTSIDE SERVICES	3,445	3,342	103
VEHICLES	3,731	4,220	(489)
OTHER	<u>0</u>	<u>0</u>	<u>0</u>
SUB-TOTAL	281,209	283,163	(1,954)
PROGRAM REVENUES	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL PROGRAM COSTS	281,209	283,163	(1,954)
LESS:			
PAYROLL ADJUSTMENTS	0	0	0
AMOUNTS INCLUDED IN RATE BASE	0	0	0
CONSERVATION REVENUES APPLICABLE TO THE PERIOD	222,612	246,178	(23,566)
ROUNDING ADJUSTMENT	<u>0</u>	<u>0</u>	<u>0</u>
TRUE-UP BEFORE INTEREST	58,597	36,985	21,612
INTEREST PROVISION	<u>3,755</u>	<u>3,333</u>	<u>422</u>
END OF PERIOD TRUE-UP	<u>62,351</u>	<u>40,318</u>	<u>22,033</u>

( ) REFLECTS OVER-RECOVERY  
\* 2 MONTHS ACTUAL AND 10 MONTHS PROJECTED

ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM  
FOR MONTHS: APRIL 1998 THROUGH MARCH 1999

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
PROGRAM 1: Single & Multi-Family Home Bu	0	24,892	0	26,622	184,374	0	2,532	0	238,420
PROGRAM 2: Water Heater Replacement	0	5,187	0	1,790	1,173	0	536	0	8,686
PROGRAM 3: Oil & Electric Strip Heat Replac	0	3,316	0	1,339	385	0	313	0	5,352
PROGRAM 4: Conservation Education	0	126	0	0	0	0	10	0	136
PROGRAM 5: Gas Space Conditioning	0	0	0	0	0	0	0	0	0
PROGRAM 6: Common Costs	0	0	0	0	0	3,445	0	0	3,445
PROGRAM 7: W/H Retention	0	737	0	310	13,930	0	71	0	15,047
PROGRAM 8: Residential Appliance	0	5,167	0	1,548	3,140	0	269	0	10,124
PROGRAM 9: Propane Distribution	0	0	0	0	0	0	0	0	0
PROGRAM 10: Residential Space Conditioning	0	0	0	0	0	0	0	0	0
PROGRAM 11: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 12: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 13: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 14: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 15: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 16: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 17: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 18: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 19: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 20: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>39,424</b>	<b>0</b>	<b>31,607</b>	<b>203,002</b>	<b>3,445</b>	<b>3,731</b>	<b>0</b>	<b>281,209</b>

CONSERVATION COSTS PER PROGRAM - VARIANCE ACTUAL VERSUS PROJECTED  
FOR MONTHS: APRIL 1998 THROUGH MARCH 1999

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
PROGRAM 1: Single & Multi-Family Home Bu	0	2,016	0	2,045	(15,143)	0	(408)	0	(11,490)
PROGRAM 2: Water Heater Replacement	0	598	0	1,122	150	0	60	0	1,930
PROGRAM 3: Oil & Electric Strip Heat Replac	0	392	0	671	0	0	42	0	1,105
PROGRAM 4: Conservation Education	0	126	(400)	0	0	0	10	0	(264)
PROGRAM 5: Gas Space Conditioning	0	0	0	0	0	0	0	0	0
PROGRAM 6: Common Costs	0	0	0	0	0	103	0	0	103
PROGRAM 7: W/H Retention	0	(271)	0	(167)	6,730	0	71	0	6,363
PROGRAM 8: Residential Appliance	0	922	0	(1,755)	1,397	0	(264)	0	300
PROGRAM 9: Propane Distribution	0	0	0	0	0	0	0	0	0
PROGRAM 10: Residential Space Conditioning	0	0	0	0	0	0	0	0	0
PROGRAM 11: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 12: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 13: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 14: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 15: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 16: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 17: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 18: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 19: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 20: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
TOTAL TOTAL OF ALL PROGRAMS	0	3,782	(400)	1,914	(6,866)	103	(489)	0	(1,954)

( ) REFLECTS PROJECTED OVER ACTUAL EXPENSE ESTIMATES

ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION  
FOR MONTHS: APRIL 1998 THROUGH MARCH 1999

EXPENSES:	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
PROGRAM 1: Single & Multi Family Home Bldr.	12,797	23,338	31,993	6,465	22,581	16,439	32,818	21,591	30,417	2,481	30,969	6,530	251,217
PROGRAM 2: Water Heater Replacement	1,358	1,333	699	772	1,139	760	696	724	899	63	150	95	10,043
PROGRAM 3: Oil & Electric Strip Heat Replacement	816	610	441	492	928	515	445	401	396	63	150	95	6,169
PROGRAM 4: Conservation Education	0	0	0	0	0	0	0	0	9	41	40	47	136
PROGRAM 5: Gas Space Conditioning	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 6: Common Cost	390	0	0	428	0	563	569	3,200	135	256	1,044	60	7,035
PROGRAM 7: W/H Retention	0	0	0	0	700	250	1,750	1,140	3,141	2,186	1,743	2,077	12,987
PROGRAM 8: Residential Appliance Replacement	0	0	0	0	430	0	1,370	0	3,399	932	1,755	1,098	8,984
PROGRAM 9: Propane Distribution	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 10: Residential Space Conditioning	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 11: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 12: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 13: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 14: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 15: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 16: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 17: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 18: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 19: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 20: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>15,361</b>	<b>25,281</b>	<b>33,132</b>	<b>8,156</b>	<b>25,778</b>	<b>18,526</b>	<b>37,648</b>	<b>27,056</b>	<b>38,396</b>	<b>6,021</b>	<b>35,851</b>	<b>10,001</b>	<b>296,570</b>
LESS AMOUNT INCLUDED IN RATE BASE	0	0	0	0	0	0	0	0	0	0	0	0	0
RECOVERABLE CONSERVATION EXPENSES	15,361	25,281	33,132	8,156	25,778	18,526	37,648	27,056	38,396	6,021	35,851	10,001	296,570

ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION  
APRIL 1998 THROUGH MARCH 1999

CONSERVATION REVENUES	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
1. RCS AUDIT FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
2. OTHER PROGRAM REVS	0	0	0	0	0	0	0	0	0	0	0	0	0
3. CONSERV. ADJ REVS	<u>(33,040.26)</u>	<u>(19,960.93)</u>	<u>(16,650.35)</u>	<u>(16,878.02)</u>	<u>(17,040.58)</u>	<u>(15,508.09)</u>	<u>(19,043.66)</u>	<u>(23,598.38)</u>	<u>(24,893.21)</u>	<u>(36,933.72)</u>	<u>(27,519.19)</u>	<u>(32,613.72)</u>	<u>(283,680.11)</u>
4. TOTAL REVENUES	<u>(33,040.26)</u>	<u>(19,960.93)</u>	<u>(16,650.35)</u>	<u>(16,878.02)</u>	<u>(17,040.58)</u>	<u>(15,508.09)</u>	<u>(19,043.66)</u>	<u>(23,598.38)</u>	<u>(24,893.21)</u>	<u>(36,933.72)</u>	<u>(27,519.19)</u>	<u>(32,613.72)</u>	<u>(283,680.11)</u>
5. PRIOR PERIOD TRUE-UP NOT APPLICABLE TO THIS PERIOD	<u>5,089.00</u>	<u>5,089.00</u>	<u>5,089.00</u>	<u>5,089.00</u>	<u>5,089.00</u>	<u>5,089.00</u>	<u>5,089.00</u>	<u>5,089.00</u>	<u>5,089.00</u>	<u>5,089.00</u>	<u>5,089.00</u>	<u>5,089.00</u>	<u>61,068.00</u>
6. CONSERVATION REVS APPLICABLE TO THE PERIOD	<u>(27,951.26)</u>	<u>(14,871.93)</u>	<u>(11,561.35)</u>	<u>(11,789.02)</u>	<u>(11,951.58)</u>	<u>(10,419.09)</u>	<u>(13,954.66)</u>	<u>(18,509.38)</u>	<u>(19,804.21)</u>	<u>(31,844.72)</u>	<u>(22,430.19)</u>	<u>(27,524.72)</u>	<u>(222,612.11)</u>
7. CONSERVATION EXPS (FROM CT-3, PAGE 1)	15,361.25	25,280.70	33,132.09	8,156.44	25,778.48	18,526.46	37,648.46	27,056.00	38,395.80	6,021.47	35,851.37	10,000.51	281,209.03
8. TRUE-UP THIS PERIOD	(12,590.01)	10,408.77	21,570.74	(3,632.58)	13,826.90	8,107.37	23,693.80	8,546.62	18,591.59	(25,823.25)	13,421.18	(17,524.21)	58,596.92
9. INTER. PROV. THIS PERIOD (FROM CT-3, PAGE 3)	241.11	212.73	265.48	286.20	285.50	304.32	340.22	399.68	430.61	368.57	322.71	297.41	3,754.55
10 TRUE-UP & INTER. PROV. BEGINNING OF MONTH	61,066.29	43,628.39	49,160.90	65,908.12	57,472.74	66,496.14	69,818.83	88,763.85	92,621.15	106,554.35	76,010.67	84,665.56	
11 PRIOR TRUE-UP COLLECTED/(REFUNDED)	<u>(5,089.00)</u>	<u>(5,089.00)</u>	<u>(5,089.00)</u>	<u>(5,089.00)</u>	<u>(5,089.00)</u>	<u>(5,089.00)</u>	<u>(5,089.00)</u>	<u>(5,089.00)</u>	<u>(5,089.00)</u>	<u>(5,089.00)</u>	<u>(5,089.00)</u>	<u>(5,089.00)</u>	
12 TOTAL NET TRUE-UP (SUM LINES 8+9+10+11)	<u>43,628.39</u>	<u>49,160.90</u>	<u>65,908.12</u>	<u>57,472.74</u>	<u>66,496.14</u>	<u>69,818.83</u>	<u>88,763.85</u>	<u>92,621.15</u>	<u>106,554.35</u>	<u>76,010.67</u>	<u>84,665.56</u>	<u>62,349.76</u>	<u>62,351.47</u>



CALCULATION OF TRUE-UP AND INTEREST PROVISION  
FOR MONTHS: APRIL 1998 THROUGH MARCH 1999

INTEREST PROVISION	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
1. BEGINNING TRUE-UP	61,066.29	43,628.39	49,160.90	65,908.12	57,472.74	66,496.14	69,818.83	88,763.85	92,621.15	106,554.35	76,010.67	84,665.56	
2. ENDING TRUE-UP BEFORE INTEREST	<u>43,387.28</u>	<u>48,948.16</u>	<u>65,642.64</u>	<u>57,186.54</u>	<u>66,210.64</u>	<u>69,514.51</u>	<u>88,423.63</u>	<u>92,221.47</u>	<u>106,123.74</u>	<u>75,642.10</u>	<u>84,342.85</u>	<u>62,052.35</u>	
3. TOTAL BEGINNING & ENDING TRUE-UP	104,453.57	92,576.56	114,803.53	123,094.66	123,683.37	136,010.65	158,242.46	180,985.33	198,744.89	182,196.46	160,353.52	146,717.92	
4. AVERAGE TRUE-UP (LINE 3 TIMES 50%)	<u>52,226.79</u>	<u>46,288.28</u>	<u>57,401.77</u>	<u>61,547.33</u>	<u>61,841.69</u>	<u>68,005.32</u>	<u>79,121.23</u>	<u>90,492.66</u>	<u>99,372.44</u>	<u>91,098.23</u>	<u>80,176.76</u>	<u>73,358.96</u>	
5. INTER. RATE - 1ST DAY OF REPORTING MONTH	5.550%	5.530%	5.500%	5.600%	5.560%	5.520%	5.220%	5.100%	5.500%	4.900%	4.810%	4.850%	
6. INTER. RATE - 1ST DAY OF SUBSEQUENT MONTH	<u>5.530%</u>	<u>5.500%</u>	<u>5.600%</u>	<u>5.560%</u>	<u>5.520%</u>	<u>5.220%</u>	<u>5.100%</u>	<u>5.500%</u>	<u>4.900%</u>	<u>4.810%</u>	<u>4.850%</u>	<u>4.880%</u>	
7. TOTAL (SUM LINES 5 & 6)	11.080%	11.030%	11.100%	11.160%	11.080%	10.740%	10.320%	10.600%	10.400%	9.710%	9.660%	9.730%	
8. AVG INTEREST RATE (LINE 7 TIMES 50%)	5.540%	5.515%	5.550%	5.580%	5.540%	5.370%	5.160%	5.300%	5.200%	4.855%	4.830%	4.865%	
9. MONTHLY AVG INTEREST RATE	0.462%	0.460%	0.463%	0.465%	0.462%	0.448%	0.430%	0.442%	0.433%	0.405%	0.403%	0.405%	
10 INTEREST PROVISION (LINE 4 TIMES LINE 9)	<u>\$241.11</u>	<u>\$212.73</u>	<u>\$265.48</u>	<u>\$286.20</u>	<u>\$285.50</u>	<u>\$304.32</u>	<u>\$340.22</u>	<u>\$399.68</u>	<u>\$430.61</u>	<u>\$368.57</u>	<u>\$322.71</u>	<u>\$297.41</u>	<u>\$3,754.55</u>



Exhibit No. \_\_\_\_\_

Docket No. 990002-EG

CHESAPEAKE UTILITIES CORPORATION

(BAB-1)

Page 9 of 18

Schedule CT-5

CHESAPEAKE UTILITIES CORPORATION

Reconciliation and Explanation of Differences Between Filing and PSC Audit Report for  
April 1998 through March 1999.

**NO DIFFERENCES AS OF THE DATE OF THIS FILING**

Schedule CT-6  
Page 1 of 9

CHESAPEAKE UTILITIES CORPORATION  
Program Description and Progress

Program Title:  
Single and Multi-Family Home Builder Program

Program Description:  
This program is designed to increase the number of high priority natural gas customers in the new home construction market. Incentives are offered in the form of gas piping and venting allowances to assist builders with gas appliance installation.

Allowances:  
Conservation allowances are currently:  
    \$275 Energy efficient natural gas water heater installation.  
    \$275 Natural Gas home heating.  
    \$75 Energy efficient natural gas range or dryer stub outlet.

Program Projections:  
For the twelve-month period April 1998 through March 1999, we estimated that 425 homes would be connected to the system. During this period, allowances were actually paid for building 376 new homes equipped with natural gas appliances.

Program Fiscal Expenditures:  
During the twelve-month period, expenditures for this program totaled \$238,420.

Program Progress Summary:  
Since the program's inception, 4337 new homes have been equipped with natural gas appliances. Company representatives continue to work closely with area builders to promote the installation of natural gas appliances in new homes.

Schedule CT-6  
Page 2 of 9

CHESAPEAKE UTILITIES CORPORATION  
Program Description and Progress

Program Title:  
Water Heater Replacement Program

Program Description:  
This program was designed to encourage the replacement of electric resistance water heater with energy efficient natural gas water heaters. Incentives were offered in the form of allowances to assist in defraying the additional costs associated with the piping and venting of natural gas equipment. This program is now part of the Residential Appliance Replacement Program.

Program Projections:  
During the twelve-month period, April 1998 through March 1999, we estimated that 25 homeowners would replace their electric water heaters with energy efficient natural gas models. In actuality 5 qualified under the old program, prior to August 1998.

Program Fiscal Expenditures:  
Program cost totaled \$8686 during the twelve-month period.

Program Progress Summary:  
Since the program inception, 981 natural gas water heaters have replaced electric models as a result of conversion allowances.

Schedule CT-6  
Page 3 of 9

CHESAPEAKE UTILITIES CORPORATION  
Program Description and Progress

Program Title:  
Electric Strip and Oil Heating Replacement

Program Description:  
This program was designed to reduce KWD and KWH consumption, and the direct use of oil, by encouraging the replacement of electric strip and oil heating equipment with energy efficient natural gas furnaces. The company offered incentives of \$330 to homeowners and \$55 to installing dealers to offset the additional cost of piping and venting required for natural gas heating. The company offered piping and venting allowances of \$55 to homeowners and \$22 to installing dealers when installing a natural gas space heater to replace oil or electric heat. This program is now part of the Residential Appliance Replacement Program.

Program Projections:  
For the twelve-month period April 198 through March of 1999, we estimated 25 natural gas furnaces would replace electric or oil heat. In actuality, 1 qualified for this program prior to August of 1998.

Program Fiscal Expenditures:  
Program costs totaled \$5352 during the twelve-month period.

Program Progress Summary  
Since the program's inception, 366 energy-efficient natural gas furnaces and space heaters have replaced electric or oil burning models as a result of conservation allowances.

Schedule CT-6  
Page 4 of 9

CHESAPEAKE UTILITIES CORPORATION  
Program Description and Progress

Program Title:  
Conservation Education Program

Program Description:  
The objective of this program is to teach adults and young people conservation measures designed to reduce energy consumption and consequently reduce their family's utility bill.

Program Projections:  
Over the next several months we intend to supply conservation education materials to schools in our service area.

Program Fiscal Expenditures:  
Program costs totaled \$136 for this twelve-month period.

Programs Progress Summary:  
We continue to meet requests from school and the community for speakers and from schools for conservation education materials.

Schedule CT-6  
Page 5 of 9

CHESAPEAKE UTILITIES CORPORATION  
Program Description and Progress

Program Title:  
Natural Gas Space Conditioning Program

Program Description:  
The program is designed to convert customers from electric space conditioning equipment to energy efficient natural gas space conditioning equipment. The program provides an allowance to qualifying participants to compensate for the higher initial costs of natural gas space conditioning equipment and its installation. The program will also help reduce summer kw demand and will assist in the conservation of kwh production. The company offers incentives of \$50 per ton installed natural gas space conditioning equipment.

Program Projections:  
There were no projections made for natural gas cooling during this period.

Program Fiscal Expenditures:  
There were no expenditures during this period.

Program Summary:  
Seven natural gas space conditioning units have been installed since this program began.



Schedule CT-6  
Page 6 of 9

CHESAPEAKE UTILITIES CORPORATION  
Program Description and Progress

Program Title:  
Water Heater Retention Program

Program Description:  
This program is design to encourage the continued use of natural gas in the home and avoid costly abandonment activities by the Company. This program offers a cash incentive to both the customer and the dealer to promote the retention of the natural gas water heater.

Program Projections:  
For the twelve-month period April 1998 through March 1999, we estimated that 66 natural gas water heaters would qualify for this program. In actuality, 130 natural gas water heaters were installed.

Program Fiscal Expenditures:  
For this twelve-month period, CUC incurred program costs of \$15,047.

Program Summary:  
Since inception, 130 natural gas water heaters have been changed out and natural gas water heaters reinstalled. CUC will continue to work closely with homeowners and dealers to promote the continued used of energy efficient natural gas.

Schedule CT-6  
Page 7 of 9

CHESAPEAKE UTILITIES CORPORATION  
Program Description and Progress

Program Title:

*Residential Appliance Replacement Program (replaces and combines former Water Heater Replacement Program and replacement of Electric and Oil Heating Program.)*

Program Description:

This program is designed to encourage the replacement of inefficient non-natural gas residential appliances with energy efficient natural gas appliances. Incentives are offered in the form of allowances to assist in defraying the additional cost associated with the installation of piping, venting and purchase of natural gas appliances.

Program Projections:

For the twelve-month period April 1998 through March 1999, we estimated that 15 residences would qualify for incentives during this period. In actuality, 14 residences qualified for incentives.

Program Fiscal Expenditures:

For this twelve-month period, CUC incurred program costs of \$10,124.

Program Summary:

Since inception, 14 residences have qualified for this program.

Schedule CT-6  
Page 8 of 9

CHESAPEAKE UTILITIES CORPORATION  
Program Description and Progress

Program Title:  
Residential Propane Distribution Program

Program Description:  
This program is designed to promote the use of gas within subdivisions that are built beyond the economic extension of the Company's existing natural gas lines. This program is designed to provide Builders and developers a cash incentive to encourage the installation of gas appliances in newly constructed homes.

Program Projections:  
There has been no activity in this program to date.

Program Fiscal Expenditures:  
For this twelve-month period, CUC has not incurred any costs related to this program.

Program Summary:  
There has been no activity in this program to date.

Schedule CT-6  
Page 9 of 9

CHESAPEAKE UTILITIES CORPORATION  
Program Description and Progress

Program Title:  
Residential Space Conditioning Program

Program Description:  
This program is designed to convert residential customers from electric space conditioning equipment to energy efficient natural gas space conditioning equipment. The program provides an allowance to qualifying participants to compensate for the higher initial costs of natural gas space conditioning equipment and its installation. The program will also help reduce the summer KW demand and will assist in the conservation of KWH production.

Program Projections:  
There has been no activity in this program to date.

Program Fiscal Expenditures:  
For this twelve-month period, CUC has not incurred any costs related to this program.

Program Summary:  
There has been no activity in this program to date.

TR E

Docket 990002-EG

**Chesapeake Utilities Corporation**

Exhibit BAB-2

Revised Schedule C-1

Revised Schedule C-3  
Pages 4 of 5  
and 5 of 5

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990002-EG EXHIBIT NO. 10  
COMPANY/ Bauch  
PETITIONER/ 11-20-99  
DATE

DOCUMENT NUMBER-DATE

12705 OCT 18 99

FPSC-RECORDS/REPORTING

SCHEDULE C-1

Exhibit No. \_\_\_\_\_  
 Docket No. 990002-EG  
 Chesapeake Utilities Corp.  
 (BAB-2)

ENERGY CONSERVATION ADJUSTMENT  
 SUMMARY OF COST RECOVERY CLAUSE CALCULATION  
 JANUARY 2000 THROUGH DECEMBER 2000

1. INCREMENTAL COSTS (SCHEDULE C-2)	410,867
2. TRUE-UP (SCHEDULE C-3)	<u>132,928</u>
3. TOTAL	<u>543,795</u>

RATE CLASS	BILLS	THERM SALES	CUSTOMER CHARGE REVENUES	ENERGY CHARGE	TOTAL	ESTIMATED ECCR	% SURCHARGE	CENTS PER THERM	PEREXPANSION FACTOR	ECCR ADJUSTMENT FACTORS
GS RESIDENTIAL	99,226	2,222,378	644,969	958,423	1,603,392	157,701	9.8355%	0.0710	1.00503	0.07132
GS COMMERCIAL	9,465	4,417,274	141,975	862,782	1,004,757	98,823	9.8355%	0.0224	1.00503	0.02248
GS COMMERCIAL LV	318	1,958,954	6,360	263,773	270,133	26,569	9.8355%	0.0136	1.00503	0.01363
GS INDUSTRIAL	578	8,697,083	23,120	639,062	662,182	65,129	9.8355%	0.0075	1.00503	0.00753
FIRM TRANSPORTATION	0	27,061,160	0	1,988,454	1,988,454	195,574	9.8355%	0.0072	1.00503	0.00726
OTHER										
OTHER										
TOTAL	109,587	44,356,849	816,424	4,712,494	5,528,918	543,795				

ENERGY CONSERVATION COST RECOVERY ADJUSTMENT  
FOR PERIOD: APRIL 1999 THROUGH DECEMBER 1999  
FOUR MONTHS ACTUAL AND FIVE MONTHS ESTIMATED

CONSERVATION REVS	APR NO.1	MAY NO. 2	JUN NO. 3	JUL NO. 4	AUG NO. 5	SEP NO. 6	OCT NO. 7	NOV NO. 8	DEC NO. 9	MONTH NO. 10	MONTH NO. 11	MONTH NO. 12	TOTAL
1. RCS AUDIT FEE	0	0	0	0	0	0	0	0	0	0	0	0	0
2. OTHER PROG. REVS.	0	0	0	0	0	0	0	0	0	0	0	0	0
3. CONSERV. ADJ REVS.	(34,179)	(27,535)	(23,928)	(22,152)	(26,948)	(26,948)	(26,948)	(26,948)	(26,948)	0	0	0	(242,536)
4. TOTAL REVENUES	(34,179)	(27,535)	(23,928)	(22,152)	(26,948)	(26,948)	(26,948)	(26,948)	(26,948)	0	0	0	(242,536)
5. PRIOR PERIOD TRUE- UP NOT APPLICABLE TO THIS PERIOD	7,189	7,189	7,189	7,189	7,189	7,189	7,189	7,189	7,189				64,701
6. CONSERV. REVS. APPLICABLE TO THE PERIOD	(26,990)	(20,346)	(16,739)	(14,963)	(19,759)	(19,759)	(19,759)	(19,759)	(19,759)	0	0	0	(177,834)
7. CONSERV. EXPS.	32,771	14,813	59,952	28,900	34,109	34,109	34,109	34,109	34,109	0	0	0	306,979
8. TRUE-UP THIS PERIOD	5,781	(5,533)	43,213	13,937	14,349	14,349	14,349	14,349	14,349	0	0	0	129,145
9. INTER. PROVISION THIS PERIOD	258	230	285	384	437	494	529	565	601	0	0	0	3,783
10. TRUE-UP AND INTEREST PROV. BEG. OF MONTH	64,701	63,551	51,059	87,368	94,500	102,097	109,751	117,441	125,166	0	0	0	64,701
11. PRIOR TRUE-UP COLLECTED OR (REFUNDED)	(7,189)	(7,189)	(7,189)	(7,189)	(7,189)	(7,189)	(7,189)	(7,189)	(7,189)	0	0	0	(64,701)
12. TOTAL NET TRUE-UP	63,551	51,059	87,368	94,500	102,097	109,751	117,441	125,166	132,928	0	0	0	132,928

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
FOR PERIOD: APRIL 1999 THROUGH DECEMBER 1999  
FOUR MONTHS ACTUAL AND FIVE MONTHS PROJECTED

INTEREST PROVISION	APR NO. 1	MAY NO. 2	JUN NO. 3	JUL NO. 4	AUG NO. 5	SEP NO. 6	OCT NO. 7	NOV NO. 8	DEC NO. 9	NO. 10	NO. 11	NO. 12	TOTAL
1. BEGINNING TRUE-UP	64,701	63,551	51,059	87,368	94,500	102,097	109,751	117,441	125,166	0	0	0	
2. ENDING TRUE-UP BEFORE INTEREST	63,293	50,830	87,083	94,116	101,660	109,258	116,912	124,601	132,327	0	0	0	
3. TOTAL BEGINNING & ENDING TRUE-UP	127,994	114,381	138,143	181,484	196,160	211,355	226,663	242,042	257,493	0	0	0	
4. AVERAGE TRUE-UP (LINE 3 TIMES 50%)	63,997	57,190	69,071	90,742	98,080	105,678	113,331	121,021	128,747	0	0	0	
5. INTEREST RATE FIRST DAY OF REPORTING MONTH	4.88%	4.80%	4.85%	5.05%	5.10%	5.60%	5.60%	5.60%	5.60%	0.00%	0.00%	0.00%	
6. INTER. RATE - FIRST DAY SUBSEQUENT MONTH	4.80%	4.85%	5.05%	5.10%	5.60%	5.60%	5.60%	5.60%	5.60%	0.00%	0.00%	0.00%	
7. TOTAL (SUM LINES 5 & 6)	9.68%	9.65%	9.90%	10.15%	10.70%	11.21%	11.21%	11.21%	11.21%	0.00%	0.00%	0.00%	
8. AVG. INTEREST RATE (LINE 7 TIMES 50%)	4.84%	4.83%	4.95%	5.08%	5.35%	5.60%	5.60%	5.60%	5.60%	0.00%	0.00%	0.00%	
9. MONTHLY AVG INTEREST RATE	0.40%	0.40%	0.41%	0.42%	0.45%	0.47%	0.47%	0.47%	0.47%	0.00%	0.00%	0.00%	
10. INTEREST PROVISION	258	230	285	384	437	494	529	565	601	0	0	0	3,783



TRG

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re Energy Conservation :  
Cost Recovery Clause :  
\_\_\_\_\_ :

DOCKET No. 990002-EG  
Submitted for Filing:  
9-28-99

EXHIBIT (CS-1)

In support of the

DIRECT TESTIMONY

Of

CARL SMITH

On behalf of

CITY GAS COMPANY OF FLORIDA

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990002-EG EXHIBIT NO. 11  
COMPANY/ Smith  
DATE 11-22-99

DOCUMENT NUMBER-DATE

11698 SEP 28 99

FPSC-RECORDS/REPORTING

ENERGY CONSERVATION ADJUSTMENT - SUMMARY OF COST RECOVERY CLAUSE CALCULATION

PROJECTED PERIOD: JANUARY 2000 THROUGH DECEMBER 2000  
 ACTUAL/ESTIMATED PERIOD: JANUARY 1999 THROUGH DECEMBER 1999  
 FINAL TRUE-UP PERIOD: APRIL 1998 THROUGH DECEMBER 1998  
 COLLECTION PERIOD FOR PRIOR TRUE-UP: JANUARY 2000 THROUGH DECEMBER 2000

1. TOTAL INCREMENTAL COSTS (SCHEDULE C-2, PAGE 1)	\$ 2,274,063
2. TRUE-UP (SCHEDULE C-3, PAGE 4, LINE 11)	\$ (101,154)
3. TOTAL (LINE 1 AND 2)	<u>\$ 2,172,909</u>

RATE SCHEDULE	BILLS	THERM SALES	CUSTOMER CHARGE	NON-GAS ENERGY CHARGE	TOTAL CUST & ENERGY CHG REVENUES	ECCR REVENUES	ECCR AS % OF TOTAL REVENUES	DOLLARS PER THERM	TAX FACTOR	CONSERVATION FACTOR
RESIDENTIAL (RS, ED & GL)	1,157,348	19,523,998	\$ 8,079,938	\$ 9,049,169	\$ 17,129,107	\$ 1,309,216	7.6432%	\$ 0.06706	1.00503	\$ 0.06739
COMMERCIAL (CS, ED, CTS & SCTS)	63,402	49,808,510	\$ 1,097,242	\$ 9,802,006	\$ 10,899,248	\$ 833,054	7.6432%	\$ 0.01673	1.00503	\$ 0.01681
COMMERCIAL LARGE VOLUME (LCS)	<u>132</u>	<u>2,425,500</u>	<u>\$ 4,620</u>	<u>\$ 396,230</u>	<u>\$ 400,850</u>	<u>\$ 30,639</u>	7.6434%	\$ 0.01263	1.00503	\$ 0.01270
TOTAL	<u>1,220,882</u>	<u>71,758,008</u>	<u>\$ 9,181,800</u>	<u>\$ 19,247,405</u>	<u>\$ 28,429,205</u>	<u>\$ 2,172,909</u>				

PROJECTED CONSERVATION PROGRAM COSTS BY PROGRAM BY MONTH  
FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

PROGRAM NAME	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00	Dec-00	TOTAL
1. RESIDENTIAL BUILDER	\$ 84,649	\$ 80,293	\$ 80,436	\$ 83,900	\$ 81,552	\$ 84,000	\$ 81,500	\$ 80,400	\$ 82,400	\$ 82,400	\$ 82,400	\$ 82,400	\$ 986,330
2. MULTI-FAMILY RESIDENTIAL BLDR	1,187	823	2,323	1,023	823	2,523	823	823	2,423	2,423	2,423	2,423	\$ 20,040
3. APPLIANCE REPLACEMENT	46,482	42,620	42,974	51,372	43,954	42,872	43,872	42,872	42,872	42,872	42,872	42,872	\$ 528,506
4. DEALER PROGRAM	-	-	-	-	-	-	-	-	-	-	-	-	\$ -
5. GAS APPLIANCES IN SCHOOLS	-	-	-	-	-	-	-	-	-	-	-	-	\$ -
6. RES PROPANE CONVERSION	1,509	1,291	1,309	1,406	1,299	1,306	1,406	1,306	1,306	1,306	1,306	1,306	\$ 16,056
7. RES WATER HEATER RETENTION	5,324	4,769	4,972	5,011	4,843	4,911	5,011	4,911	4,911	4,911	4,911	4,911	\$ 59,396
8. RES CUT AND CAP ALTERNATIVE	2,685	2,346	2,414	2,492	2,369	2,392	2,492	2,392	2,392	2,392	2,392	2,392	\$ 29,150
9. COMM/IND CONVERSION	35,126	31,755	31,483	31,401	33,090	31,401	31,401	32,001	31,401	31,401	31,401	31,401	\$ 383,262
10. COMM/IND ALTERNATIVE TECH. COMMON COSTS	21,058 3,226	15,885 3,033	18,985 3,929	20,385 3,097	15,885 4,666	16,485 3,097	20,385 3,097	15,885 3,897	16,485 3,097	16,485 3,097	16,485 3,097	16,485 3,097	\$ 210,893 \$ 40,430
TOTAL ALL PROGRAMS	\$ 201,246	\$ 182,815	\$ 188,825	\$ 200,087	\$ 188,481	\$ 188,987	\$ 189,987	\$ 184,487	\$ 187,287	\$ 187,287	\$ 187,287	\$ 187,287	\$ 2,274,063
LESS: AMOUNT IN RATE BASE	-	-	-	-	-	-	-	-	-	-	-	-	-
RECOVERABLE CONSERVATION EXPENSES	\$ 201,246	\$ 182,815	\$ 188,825	\$ 200,087	\$ 188,481	\$ 188,987	\$ 189,987	\$ 184,487	\$ 187,287	\$ 187,287	\$ 187,287	\$ 187,287	\$ 2,274,063

EXHIBIT NO.  
COMPANY: CITY GAS COMPANY OF FLORIDA  
(A DIVISION OF NUI CORPORATION)  
DOCKET NO. 990002-EG  
(CS-1)

PROJECTED CONSERVATION PROGRAM COSTS BY COST CATEGORY  
FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
1. RESIDENTIAL BUILDER	\$ -	\$ 65,946	\$ -	\$ 20,600	\$ 884,400	\$ -	\$ 15,384	\$ -	\$ 986,330
2. MULTI-FAMILY RESIDENTIAL BLDR	-	8,528	-	1,000	9,000	-	1,512	-	20,040
3. APPLIANCE REPLACEMENT	-	148,478	-	83,700	270,000	-	26,328	-	528,506
4. DEALER PROGRAM	-	-	-	-	-	-	-	-	-
5. GAS APPLIANCES IN SCHOOLS	-	-	-	-	-	-	-	-	-
6. RES PROPANE CONVERSION	-	7,260	-	2,700	4,800	-	1,296	-	16,056
7. RES WATER HEATER RETENTION	-	24,692	-	12,300	18,000	-	4,404	-	59,396
8. RES CUT AND CAP ALTERNATIVE	-	11,258	-	5,100	10,800	-	1,992	-	29,150
9. COMM/IND CONVERSION	-	220,806	-	33,000	90,000	-	39,456	-	383,262
10. COMM/IND ALTERNATIVE TECH. COMMON COSTS	-	35,053	-	37,600	132,000	-	6,240	-	210,893
	-	8,430	4,800	24,000	-	-	-	3,200	40,430
TOTAL ALL PROGRAMS	-	530,451	4,800	220,000	1,419,000	-	96,612	3,200	2,274,063
LESS: AMOUNT IN RATE BASE	-	-	-	-	-	-	-	-	-
RECOVERABLE CONSERVATION EXPENDITURES	\$ -	\$ 530,451	\$ 4,800	\$ 220,000	\$ 1,419,000	\$ -	\$ 96,612	\$ 3,200	\$ 2,274,063

CONSERVATION PROGRAM COSTS BY COST CATEGORY  
FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1999  
SEVEN MONTHS ACTUAL AND FIVE MONTHS ESTIMATED

	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
1. RESIDENTIAL BUILDER									
A. ACTUAL (7 months)	\$ -	\$ 60,973	\$ -	\$ 6,082	\$ 465,410	\$ -	\$ 8,436	\$ -	\$ 540,901
B. ESTIMATED (5 months)	-	35,888	-	16,500	368,500	-	4,446	-	425,334
C. TOTAL	-	96,861	-	22,582	833,910	-	12,882	-	966,235
2. MULTI-FAMILY RESIDENTIAL BLDR									
A. ACTUAL (7 months)	-	2,120	-	-	-	-	(164)	-	1,956
B. ESTIMATED (5 months)	-	3,755	-	500	3,000	-	378	-	7,633
C. TOTAL	-	5,875	-	500	3,000	-	214	-	9,589
3. APPLIANCE REPLACEMENT									
A. ACTUAL (7 months)	-	56,882	397	26,503	157,519	-	5,053	-	246,354
B. ESTIMATED (5 months)	-	45,969	-	36,300	112,500	-	8,782	-	203,551
C. TOTAL	-	102,851	397	62,803	270,019	-	13,835	-	449,905
4. DEALER PROGRAM									
A. ACTUAL (7 months)	-	-	-	-	-	-	-	-	-
B. ESTIMATED (5 months)	-	-	-	-	-	-	-	-	-
C. TOTAL	-	-	-	-	-	-	-	-	-
5. GAS APPLIANCES IN SCHOOLS									
A. ACTUAL (7 months)	-	950	-	1,950	-	-	(33)	-	2,867
B. ESTIMATED (5 months)	-	734	200	-	-	-	-	-	934
C. TOTAL	-	1,684	200	1,950	-	-	(33)	-	3,801
6. RES PROPANE CONVERSION									
A. ACTUAL (7 months)	-	3,267	-	265	-	-	10	-	3,542
B. ESTIMATED (5 months)	-	2,814	-	1,100	2,000	-	324	-	6,238
C. TOTAL	-	6,081	-	1,365	2,000	-	334	-	9,780
SUB-TOTAL	\$ -	\$ 213,352	\$ 597	\$ 89,200	\$ 1,108,929	\$ -	\$ 27,232	\$ -	\$ 1,439,310

CONSERVATION PROGRAM COSTS BY COST CATEGORY  
FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1999  
SEVEN MONTHS ACTUAL AND FIVE MONTHS ESTIMATED

	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
SUB-TOTAL - PREVIOUS PAGE	\$ -	\$ 213,352	\$ 597	\$ 89,200	\$ 1,108,929	\$ -	\$ 27,232	\$ -	\$ 1,439,310
7. RES WATER HEATER RETENTION									
A. ACTUAL (7 months)	-	13,915	-	-	9,374	-	1,357	-	24,646
B. ESTIMATED (5 months)	-	13,525	-	5,100	7,500	-	1,101	-	27,226
C. TOTAL	-	27,440	-	5,100	16,874	-	2,458	-	51,872
8. RES CUI AND CAP ALTERNATIVE									
A. ACTUAL (7 months)	-	10,348	-	405	5,106	-	910	-	16,769
B. ESTIMATED (5 months)	-	3,564	200	2,100	4,500	-	498	-	10,862
C. TOTAL	-	13,912	200	2,505	9,606	-	1,408	-	27,631
9. COMM/IND CONVERSION									
A. ACTUAL (7 months)	-	73,123	-	9,730	27,533	-	6,664	-	117,050
B. ESTIMATED (5 months)	-	92,203	-	24,600	37,500	-	9,864	-	164,167
C. TOTAL	-	165,326	-	34,330	65,033	-	16,528	-	281,217
10. COMM/IND ALTERNATIVE TECH.									
A. ACTUAL (7 months)	-	21,318	(705)	12,714	-	-	2,842	-	36,169
B. ESTIMATED (5 months)	-	17,237	200	13,200	55,000	-	1,560	-	87,197
C. TOTAL	-	38,555	(505)	25,914	55,000	-	4,402	-	123,366
COMMON COSTS									
A. ACTUAL (7 months)	-	2,182	345	2,000	-	35,264	-	-	39,791
B. ESTIMATED (5 months)	-	2,049	1,200	10,000	-	-	-	-	13,249
C. TOTAL	-	4,231	1,545	12,000	-	35,264	-	-	53,040
TOTAL	\$ -	\$ 462,816	\$ 1,837	\$ 169,049	\$ 1,255,442	\$ 35,264	\$ 52,028	\$ -	\$ 1,976,436

CONSERVATION PROGRAM COSTS - EXPENSES BY MONTH  
FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1999  
SEVEN MONTHS ACTUAL AND FIVE MONTHS ESTIMATED

DESCRIPTION	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL
1. RESIDENTIAL BUILDER	\$ 67,738	\$ 94,041	\$ 66,412	\$ 63,498	\$ 53,687	\$ 42,643	\$ 152,882	\$ 83,903	\$ 85,403	\$ 83,797	\$ 89,050	\$ 83,181	966,235
2. MULTI-FAMILY RESIDENTIAL BLDR	616	462	453	(196)	521	100	-	853	2,353	1,009	1,009	2,409	9,589
3. APPLIANCE REPLACEMENT	44,088	28,400	42,863	28,945	46,925	25,530	29,603	34,525	34,524	43,666	46,850	43,986	449,905
4. DEALER PROGRAM	-	-	-	-	-	-	-	-	-	-	-	-	-
5. GAS APPLIANCES IN SCHOOLS	195	198	205	47	134	134	1,954	367	567	-	-	-	3,801
6. RES PROPANE CONVERSION	909	923	906	487	317	-	-	1,113	1,113	1,394	1,289	1,329	9,780
7. RES WATER HEATER RETENTION	3,127	3,503	3,734	3,099	3,737	3,523	3,923	6,214	6,214	4,970	4,804	5,024	51,872
8. RES CUT AND CAP ALTERNATIVE	2,326	1,904	2,661	1,395	4,180	1,965	2,338	1,821	1,821	2,473	2,352	2,395	27,631
9. COMM/IND CONVERSION	17,915	15,261	23,270	11,659	22,085	11,737	15,123	29,323	29,323	31,433	36,225	37,863	281,217
10. COMM/IND ALTERNATIVE TECH.	2,989	3,704	3,531	5,534	5,481	7,571	7,359	16,942	17,542	20,371	15,871	16,471	123,366
COMMON COSTS	480	7,568	(129)	2,671	5,984	2,018	21,199	2,000	2,000	3,083	3,052	3,114	53,040
TOTAL ALL PROGRAMS	140,383	155,964	143,906	117,139	143,051	95,221	234,381	177,061	180,860	192,196	200,502	195,772	1,976,436
LESS: AMOUNT IN RATE BASE	-	-	-	-	-	-	-	-	-	-	-	-	-
NET RECOVERABLE	\$ 140,383	\$ 155,964	\$ 143,906	\$ 117,139	\$ 143,051	\$ 95,221	\$ 234,381	\$ 177,061	\$ 180,860	\$ 192,196	\$ 200,502	\$ 195,772	\$ 1,976,436

EXHIBIT NO.  
COMPANY: CITY GAS COMPANY OF FLORIDA  
(A DIVISION OF NUI CORPORATION)  
990002-EG  
DOCKET NO. (CS-1)

ENERGY CONSERVATION COST RECOVERY ADJUSTMENT  
FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 2000  
FOUR MONTHS ACTUAL AND EIGHT MONTHS ESTIMATED

CONSERVATION REVENUES	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL
1. RCS AUDIT FEE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2. OTHER PROG. REVS.	-	-	-	-	-	-	-	-	-	-	-	-	-
3. CONSERV. ADJ REVS.	(199,902)	(208,540)	(200,219)	(148,848)	(118,988)	(114,698)	(112,680)	(144,936)	(153,555)	(144,537)	(158,353)	(196,376)	(1,901,632)
4. TOTAL REVENUES	(199,902)	(208,540)	(200,219)	(148,848)	(118,988)	(114,698)	(112,680)	(144,936)	(153,555)	(144,537)	(158,353)	(196,376)	(1,901,632)
5. PRIOR PERIOD TRUE- UP NOT APPLICABLE TO THIS PERIOD	(13,654)	(13,654)	(13,654)	(13,654)	(13,654)	(13,654)	(13,654)	(13,654)	(13,654)	(13,654)	(13,654)	(13,647)	(163,841)
6. CONSERV. REVS. APPLICABLE TO THE PERIOD	(213,556)	(222,194)	(213,873)	(162,502)	(132,642)	(128,352)	(126,334)	(158,590)	(167,209)	(158,191)	(172,007)	(210,023)	(2,065,473)
7. CONSERV. EXPS.	140,383	155,964	143,906	117,139	143,051	95,221	234,381	177,061	180,860	192,196	200,502	195,772	1,976,436
8. TRUE-UP THIS PERIOD	(73,173)	(66,230)	(69,967)	(45,363)	10,409	(33,131)	108,047	18,471	13,651	34,005	28,495	(14,251)	(89,037)
9. INTEREST PROV. THIS PERIOD	(784)	(1,009)	(1,239)	(1,415)	(1,433)	(1,468)	(1,294)	(979)	(856)	(701)	(513)	(427)	(12,117)
10. TRUE-UP AND INTEREST PROV. BEG. OF MONTH	(163,841)	(224,144)	(277,729)	(335,281)	(368,405)	(345,775)	(366,720)	(246,313)	(215,167)	(188,718)	(141,760)	(100,124)	
11. PRIOR TRUE-UP COLLECTED OR (REFUNDED)	13,654	13,654	13,654	13,654	13,654	13,654	13,654	13,654	13,654	13,654	13,654	13,647	163,841
12. TOTAL NET TRUE-UP	\$ (224,144)	\$ (277,729)	\$ (335,281)	\$ (368,405)	\$ (345,775)	\$ (366,720)	\$ (246,313)	\$ (215,167)	\$ (188,718)	\$ (141,760)	\$ (100,124)	\$ (101,154)	\$ (101,154)



CALCULATION OF TRUE-UP AND INTEREST PROVISION  
FOR THE PERIOD JANUARY 1999 THROUGH DECEMBER 1999  
SEVEN MONTHS ACTUAL AND FIVE MONTHS ESTIMATED

INTEREST PROVISION	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL
1. BEGINNING TRUE-UP	\$ (163,841)	\$ (224,144)	\$ (277,729)	\$ (335,281)	\$ (368,405)	\$ (345,775)	\$ (366,720)	\$ (246,313)	\$ (215,167)	\$ (188,718)	\$ (141,760)	\$ (100,124)	
2. ENDING TRUE-UP BEFORE INTEREST	<u>(223,360)</u>	<u>(276,720)</u>	<u>(334,042)</u>	<u>(366,990)</u>	<u>(344,342)</u>	<u>(365,252)</u>	<u>(245,019)</u>	<u>(214,188)</u>	<u>(187,862)</u>	<u>(141,059)</u>	<u>(99,611)</u>	<u>(100,728)</u>	
3. TOTAL BEGINNING & ENDING TRUE-UP	(387,201)	(500,864)	(611,772)	(702,271)	(712,747)	(711,027)	(611,739)	(460,501)	(403,028)	(329,777)	(241,370)	(200,851)	
4. AVERAGE TRUE-UP (LINE 3 TIMES 50%)	\$ <u>(193,601)</u>	\$ <u>(250,432)</u>	\$ <u>(305,886)</u>	\$ <u>(351,136)</u>	\$ <u>(356,374)</u>	\$ <u>(355,513)</u>	\$ <u>(305,870)</u>	\$ <u>(230,250)</u>	\$ <u>(201,514)</u>	\$ <u>(164,888)</u>	\$ <u>(120,685)</u>	\$ <u>(100,426)</u>	
5. INTEREST RATE FIRST DAY OF REPORTING MONTH	4.900%	4.810%	4.850%	4.880%	4.800%	4.850%	5.050%	5.100%	5.100%	5.100%	5.100%	5.100%	
6. INTER. RATE - FIRST DAY SUBSEQUENT MONTH	<u>4.810%</u>	<u>4.850%</u>	<u>4.880%</u>	<u>4.800%</u>	<u>4.850%</u>	<u>5.050%</u>	<u>5.100%</u>	<u>5.100%</u>	<u>5.100%</u>	<u>5.100%</u>	<u>5.100%</u>	<u>5.100%</u>	
7. TOTAL (SUM LINES 5 & 6)	<u>9.710%</u>	<u>9.660%</u>	<u>9.730%</u>	<u>9.680%</u>	<u>9.650%</u>	<u>9.900%</u>	<u>10.150%</u>	<u>10.200%</u>	<u>10.200%</u>	<u>10.200%</u>	<u>10.200%</u>	<u>10.200%</u>	
8. AVG. INTEREST RATE (LINE 7 TIMES 50%)	4.855%	4.830%	4.865%	4.840%	4.825%	4.950%	5.075%	5.100%	5.100%	5.100%	5.100%	5.100%	
9. MONTHLY AVG INTEREST RATE	0.405%	0.403%	0.405%	0.403%	0.402%	0.413%	0.423%	0.425%	0.425%	0.425%	0.425%	0.425%	
10. INTEREST PROVISION	\$ <u>(784)</u>	\$ <u>(1,009)</u>	\$ <u>(1,239)</u>	\$ <u>(1,415)</u>	\$ <u>(1,433)</u>	\$ <u>(1,468)</u>	\$ <u>(1,294)</u>	\$ <u>(979)</u>	\$ <u>(856)</u>	\$ <u>(701)</u>	\$ <u>(513)</u>	\$ <u>(427)</u>	\$ <u>(12,117)</u>

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL BUILDER - PROGRAM 1

**DESCRIPTION:** The Residential Builder Program is designed to increase the overall energy efficiency in the residential new construction market by promoting energy-efficient natural gas appliances in residences that would qualify for the RS rates. The program offers builders and developers incentives in the form of cash allowances to assist in defraying the additional costs associated with the installation of natural gas supply lines, house piping, venting and natural gas appliances.

**PROGRAM ALLOWANCES:**

Furnace .....	\$350
Water Heater .....	350
Range .....	100
Dryer .....	100
Triathlon .....	1200

**REPORTING PERIOD:** January 1999 through July 1999

**APPLIANCES INSTALLED:**

The Company connected 1,534 gas appliances during the period.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 970002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** MULTI-FAMILY RESIDENTIAL BUILDER - PROGRAM 2

**DESCRIPTION:** The Multi-Family Residential Builder Program is designed to increase overall energy efficiency in the multi-family new construction market by promoting energy-efficient natural gas in multi-unit residences qualifying for the Company's CS rates.

**PROGRAM ALLOWANCES:**

Per dwelling unit ..... \$300

**REPORTING PERIOD:** January 1999 through July 1999

**PROGRAM SUMMARY:**

Program costs for the period were \$1,956.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

CITY GAS COMPANY OF FLORIDA

Schedule C-5  
PROGRAM PROGRESS REPORT

**NAME:** RESIDENTIAL APPLIANCE REPLACEMENT PROGRAM 3

**DESCRIPTION:** The Residential Appliance Replacement Program is designed to promote the replacement of inefficient non-natural gas residential appliances with energy efficient natural gas appliances. The Program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the installation of efficient natural gas appliances.

**PROGRAM ALLOWANCES:**

Furnace .....	\$625
Water Heater .....	525
Range .....	100
Dryer .....	100
Triathlon .....	1200

**REPORTING PERIOD:** January 1999 through July 1999

**APPLIANCES INSTALLED:**

The Company connected 408 gas appliances during the period.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** DEALER - PROGRAM 4

**DESCRIPTION:** The Dealer Program is designed to encourage the replacement of non-gas appliances with energy efficient natural gas appliances through appliance dealers and contractors. The program offers incentives to the dealers and contractors.

**PROGRAM ALLOWANCES:**

Furnace .....  
Water Heater .....  
Range .....  
Dryer .....

**REPORTING PERIOD:** January 1999 through July 1999

**APPLIANCES INSTALLED:**

This program was discontinued in February 1998 with Order #PSC-98-0154-GOF-GU granting the new programs.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** GAS APPLIANCES IN SCHOOLS - PROGRAM 5

**DESCRIPTION:** The Gas Appliances in Schools Program is designed to promote natural gas appliances where cost-efficient, in Home Economic Departments in schools located in our Company's service area. The program provides teaching assistance on energy conservation and on the use, care, and safety of natural gas appliances through a Company-employed home economist.

**REPORTING PERIOD:** January 1999 through July 1999

**PROGRAM SUMMARY:**

Program costs for the period were \$2,867.

CITY GAS COMPANY OF FLORIDA

Schedule C-5  
PROGRAM PROGRESS REPORT

**NAME:** RESIDENTIAL PROPANE CONVERSION - PROGRAM 6

**DESCRIPTION:** The Residential Propane Conversion Program is designed to promote the conversion of existing residential propane appliances to utilize efficient natural gas. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the conversion of their existing propane appliances to utilize natural gas.

**PROGRAM ALLOWANCES:**

Furnace .....	\$200
Water Heater .....	100
Dryer .....	25
Dryer .....	50

**REPORTING PERIOD:** January 1999 through July 1999

**PROGRAM SUMMARY:**

Program costs for the period were \$3,542.

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL WATER HEATER RETENTION - PROGRAM 7

**DESCRIPTION:** The Residential Water Heater Retention Program is designed to promote the retention of energy efficient natural gas water heaters in existing residential structures. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the purchase and installation of energy efficient natural gas appliances.

**PROGRAM ALLOWANCES:**

Water Heater .....	\$50
--------------------	------

**REPORTING PERIOD: January 1999 through July 1999**

**PROGRAM SUMMARY:**

The Company retained 211 water heaters during the period.



**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL CUT AND CAP - PROGRAM 8

**DESCRIPTION:** The Residential Cut and Cap Program is designed to encourage the re-activation of existing residential service lines that are scheduled to be cut off and capped. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the purchase and/or lease and the installation of energy efficient natural gas appliances.

**PROGRAM ALLOWANCES:**

Service re-activation..... \$200

**REPORTING PERIOD: January 1999 through July 1999**

**PROGRAM SUMMARY:**

Program costs for the period were \$16,769.

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** COMMERCIAL/INDUSTRIAL CONVERSION - PROGRAM 9

**DESCRIPTION:** The Commercial/Industrial Conversion Program is designed to promote the conversion of commercial and industrial inefficient non-gas equipment to energy efficient natural gas. The program offers incentives in the form of cash allowances to existing commercial and industrial businesses located in existing structures, to assist in defraying the incremental first costs associated with the installation of natural gas supply lines, internal piping, venting and equipment.

**PROGRAM ALLOWANCES:**

Per 100,000 BTU input rating..... \$75

**REPORTING PERIOD:** January 1999 through July 1999

**PROGRAM SUMMARY:**

The Company converted 29 accounts during the period, with a combined B7input rating of 38,084,000 BTUs.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** COMMERCIAL/INDUSTRIAL ALTERNATIVE TECHNOLOGY INCENTIVE - PROGRAM 10

**DESCRIPTION:** The Commercial/Industrial Alternative Technology Incentive Program (ATI) is designed to encourage commercial and industrial business owners to install alternate technologies that utilize natural gas that are not covered by one of the other City Gas Energy Conservation Programs, but which cost-effectively reduce the total utility expense of the business. The program offers incentives based on the cost-effectiveness under a life-cycle analysis utilizing a computerized energy consumption simulation model.

**PROGRAM ALLOWANCES:**

Payback period of three years subject to a maximum incentive of three times the projected incremental annualized margin.

**REPORTING PERIOD:** January 1999 through July 1999

**PROGRAM SUMMARY:**

Program costs for the period were \$36,169.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**  
**Schedule C-5**  
**PROGRAM PROGRESS REPORT**

**NAME:** ENERGY CONSERVATION COMMON COSTS

**REPORTING PERIOD:** January 1999 through July 1999

Program costs for the period were \$39,791.

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

In Re Energy Conservation :  
Cost Recovery Clause :  
\_\_\_\_\_ :

DOCKET No. 990002-EG  
Submitted for Filing:  
10-6-99

**AMENDED EXHIBIT (CS-1)**

**In support of the**

**AMENDED DIRECT TESTIMONY**

**Of**

**CARL SMITH**

**On behalf of**

**CITY GAS COMPANY OF FLORIDA**

ENERGY CONSERVATION ADJUSTMENT - SUMMARY OF COST RECOVERY CLAUSE CALCULATION

PROJECTED PERIOD: JANUARY 2000 THROUGH DECEMBER 2000  
 ACTUAL/ESTIMATED PERIOD: APRIL 1999 THROUGH DECEMBER 1999  
 FINAL TRUE-UP PERIOD: APRIL 1998 THROUGH DECEMBER 1998  
 COLLECTION PERIOD FOR PRIOR TRUE-UP: JANUARY 2000 THROUGH DECEMBER 2000

1. TOTAL INCREMENTAL COSTS (SCHEDULE C-2, PAGE 1)	\$ 2,274,063
2. TRUE-UP (SCHEDULE C-3, PAGE 4, LINE 11)	\$ 76,851
3. TOTAL (LINE 1 AND 2)	\$ 2,350,914

RATE SCHEDULE	BILLS	THERM SALES	CUSTOMER CHARGE	NON-GAS ENERGY CHARGE	TOTAL CUST. & ENERGY CHG REVENUES	ECCR REVENUES	ECCR AS % OF TOTAL REVENUES	DOLLARS PER THERM	TAX FACTOR	CONSERVATION FACTOR
RESIDENTIAL (RS, ED & GL)	1,157,348	19,523,998	\$ 8,079,938	\$ 9,049,169	\$ 17,129,107	\$ 1,416,468	8.2694%	\$ 0.07255	1.00503	\$ 0.07292
COMMERCIAL (CS, ED, CTS & SCTS)	63,402	49,808,510	\$ 1,097,242	\$ 9,802,006	\$ 10,899,248	\$ 901,298	8.2694%	\$ 0.01810	1.00503	\$ 0.01819
COMMERCIAL LARGE VOLUME (LCS)	<u>132</u>	<u>2,425,500</u>	<u>\$ 4,620</u>	<u>\$ 396,230</u>	<u>\$ 400,850</u>	<u>\$ 33,148</u>	8.2695%	\$ 0.01367	1.00503	\$ 0.01374
TOTAL	<u>1,220,882</u>	<u>71,758,008</u>	<u>\$ 9,181,800</u>	<u>\$ 19,247,405</u>	<u>\$ 28,429,205</u>	<u>\$ 2,350,914</u>				

PROJECTED CONSERVATION PROGRAM COSTS BY PROGRAM BY MONTH  
FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

PROGRAM NAME	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00	Dec-00	TOTAL
1. RESIDENTIAL BUILDER	\$ 84,649	\$ 80,293	\$ 80,436	\$ 83,900	\$ 81,552	\$ 84,000	\$ 81,500	\$ 80,400	\$ 82,400	\$ 82,400	\$ 82,400	\$ 82,400	\$ 986,330
2. MULTI-FAMILY RESIDENTIAL BLDR	1,187	823	2,323	1,023	823	2,523	823	823	2,423	2,423	2,423	2,423	\$ 20,040
3. APPLIANCE REPLACEMENT	46,482	42,620	42,974	51,372	43,954	42,872	43,872	42,872	42,872	42,872	42,872	42,872	\$ 528,506
4. DEALER PROGRAM	-	-	-	-	-	-	-	-	-	-	-	-	\$ -
5. GAS APPLIANCES IN SCHOOLS	-	-	-	-	-	-	-	-	-	-	-	-	\$ -
6. RES PROPANE CONVERSION	1,509	1,291	1,309	1,406	1,299	1,306	1,406	1,306	1,306	1,306	1,306	1,306	\$ 16,056
7. RES WATER HEATER RETENTION	5,324	4,769	4,972	5,011	4,843	4,911	5,011	4,911	4,911	4,911	4,911	4,911	\$ 59,396
8. RES CUT AND CAP ALTERNATIVE	2,685	2,346	2,414	2,492	2,369	2,392	2,492	2,392	2,392	2,392	2,392	2,392	\$ 29,150
9. COMM/WIND CONVERSION	35,126	31,755	31,483	31,401	33,090	31,401	31,401	32,001	31,401	31,401	31,401	31,401	\$ 383,262
10. COMM/WIND ALTERNATIVE TECH. COMMON COSTS	21,058 3,226	15,885 3,033	18,985 3,929	20,385 3,097	15,885 4,666	16,485 3,097	20,385 3,097	15,885 3,897	16,485 3,097	16,485 3,097	16,485 3,097	16,485 3,097	\$ 210,893 \$ 40,430
TOTAL ALL PROGRAMS	\$ 201,246	\$ 182,815	\$ 188,825	\$ 200,087	\$ 188,481	\$ 188,987	\$ 189,987	\$ 184,487	\$ 187,287	\$ 187,287	\$ 187,287	\$ 187,287	\$ 2,274,063
LESS: AMOUNT IN RATE BASE	-	-	-	-	-	-	-	-	-	-	-	-	-
RECOVERABLE CONSERVATION EXPENSES	\$ 201,246	\$ 182,815	\$ 188,825	\$ 200,087	\$ 188,481	\$ 188,987	\$ 189,987	\$ 184,487	\$ 187,287	\$ 187,287	\$ 187,287	\$ 187,287	\$ 2,274,063

PROJECTED CONSERVATION PROGRAM COSTS BY COST CATEGORY  
FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
1. RESIDENTIAL BUILDER	\$ -	\$ 65,946	\$ -	\$ 20,600	\$ 884,400	\$ -	\$ 15,384	\$ -	\$ 986,330
2. MULTI-FAMILY RESIDENTIAL BLDR	-	8,528	-	1,000	9,000	-	1,512	-	20,040
3. APPLIANCE REPLACEMENT	-	148,478	-	83,700	270,000	-	26,328	-	528,506
4. DEALER PROGRAM	-	-	-	-	-	-	-	-	-
5. GAS APPLIANCES IN SCHOOLS	-	-	-	-	-	-	-	-	-
6. RES PROPANE CONVERSION	-	7,260	-	2,700	4,800	-	1,296	-	16,056
7. RES WATER HEATER RETENTION	-	24,692	-	12,300	18,000	-	4,404	-	59,396
8. RES CUT AND CAP ALTERNATIVE	-	11,258	-	5,100	10,800	-	1,992	-	29,150
9. COMM/IND CONVERSION	-	220,806	-	33,000	90,000	-	39,456	-	383,262
10. COMM/IND ALTERNATIVE TECH. COMMON COSTS	-	35,053	-	37,600	132,000	-	6,240	-	210,893
	-	8,430	4,800	24,000	-	-	-	3,200	40,430
TOTAL ALL PROGRAMS	-	530,451	4,800	220,000	1,419,000	-	96,612	3,200	2,274,063
LESS: AMOUNT IN RATE BASE	-	-	-	-	-	-	-	-	-
RECOVERABLE CONSERVATION EXPENDITURES	\$ -	\$ 530,451	\$ 4,800	\$ 220,000	\$ 1,419,000	\$ -	\$ 96,612	\$ 3,200	\$ 2,274,063



CONSERVATION PROGRAM COSTS BY COST CATEGORY  
FOR THE PERIOD APRIL 1999 THROUGH DECEMBER 1999  
FOUR MONTHS ACTUAL AND FIVE MONTHS ESTIMATED

	<u>CAPITAL INVESTMENT</u>	<u>PAYROLL &amp; BENEFITS</u>	<u>MATERIALS &amp; SUPPLIES</u>	<u>ADVERTISING</u>	<u>INCENTIVES</u>	<u>OUTSIDE SERVICES</u>	<u>VEHICLE</u>	<u>OTHER</u>	<u>TOTAL</u>
1. RESIDENTIAL BUILDER									
A. ACTUAL (4 months)	\$ -	\$ 35,936	\$ -	\$ 4,129	\$ 267,430	\$ -	\$ 5,215	\$ -	\$ 312,710
B. ESTIMATED (5 months)	-	35,888	-	16,500	368,500	-	4,446	-	425,334
C. TOTAL	-	71,824	-	20,629	635,930	-	9,661	-	738,044
2. MULTI-FAMILY RESIDENTIAL BLDR									
A. ACTUAL (4 months)	-	908	-	-	-	-	(483)	-	425
B. ESTIMATED (5 months)	-	3,755	-	500	3,000	-	378	-	7,633
C. TOTAL	-	4,663	-	500	3,000	-	(105)	-	8,058
3. APPLIANCE REPLACEMENT									
A. ACTUAL (4 months)	-	29,192	-	16,495	84,314	-	1,002	-	131,003
B. ESTIMATED (5 months)	-	45,969	-	38,300	112,500	-	8,782	-	203,551
C. TOTAL	-	75,161	-	52,795	196,814	-	9,784	-	334,554
4. DEALER PROGRAM									
A. ACTUAL (4 months)	-	-	-	-	-	-	-	-	-
B. ESTIMATED (5 months)	-	-	-	-	-	-	-	-	-
C. TOTAL	-	-	-	-	-	-	-	-	-
5. GAS APPLIANCES IN SCHOOLS									
A. ACTUAL (4 months)	-	431	-	1,950	-	-	(112)	-	2,269
B. ESTIMATED (5 months)	-	734	200	-	-	-	-	-	934
C. TOTAL	-	1,165	200	1,950	-	-	(112)	-	3,203
6. RES PROPANE CONVERSION									
A. ACTUAL (4 months)	-	847	-	265	-	-	(308)	-	804
B. ESTIMATED (5 months)	-	2,814	-	1,100	2,000	-	324	-	6,238
C. TOTAL	-	3,661	-	1,365	2,000	-	16	-	7,042
SUB-TOTAL	\$ -	\$ 156,474	\$ 200	\$ 77,239	\$ 837,744	\$ -	\$ 19,244	\$ -	\$ 1,090,901

CONSERVATION PROGRAM COSTS BY COST CATEGORY  
FOR THE PERIOD APRIL 1999 THROUGH DECEMBER 1999  
FOUR MONTHS ACTUAL AND FIVE MONTHS ESTIMATED

	<u>CAPITAL</u> <u>INVESTMENT</u>	<u>PAYROLL &amp;</u> <u>BENEFITS</u>	<u>MATERIALS &amp;</u> <u>SUPPLIES</u>	<u>ADVERTISING</u>	<u>INCENTIVES</u>	<u>OUTSIDE</u> <u>SERVICES</u>	<u>VEHICLE</u>	<u>OTHER</u>	<u>TOTAL</u>
SUB-TOTAL - PREVIOUS PAGE	\$ -	\$ 156,474	\$ 200	\$ 77,239	\$ 837,744	\$ -	\$ 19,244	\$ -	\$ 1,090,901
7. RES WATER HEATER RETENTION									
A. ACTUAL (4 months)	-	7,657	-	-	6,274	-	351	-	14,282
B. ESTIMATED (5 months)	-	13,525	-	5,100	7,500	-	1,101	-	27,226
C. TOTAL	-	21,182	-	5,100	13,774	-	1,452	-	41,508
8. RES CUT AND CAP ALTERNATIVE									
A. ACTUAL (4 months)	-	5,644	-	-	4,232	-	2	-	9,878
B. ESTIMATED (5 months)	-	3,564	200	2,100	4,500	-	498	-	10,862
C. TOTAL	-	9,208	200	2,100	8,732	-	500	-	20,740
9. COMM/IND CONVERSION									
A. ACTUAL (4 months)	-	37,431	-	7,730	13,427	-	2,016	-	60,604
B. ESTIMATED (5 months)	-	92,203	-	24,600	37,500	-	9,864	-	164,167
C. TOTAL	-	129,634	-	32,330	50,927	-	11,880	-	224,771
10. COMM/IND ALTERNATIVE TECH.									
A. ACTUAL (4 months)	-	13,268	(705)	11,311	-	-	2,071	-	25,945
B. ESTIMATED (5 months)	-	17,237	200	13,200	55,000	-	1,560	-	87,197
C. TOTAL	-	30,505	(505)	24,511	55,000	-	3,631	-	113,142
COMMON COSTS									
A. ACTUAL (4 months)	-	2,182	342	-	-	29,348	-	-	31,872
B. ESTIMATED (5 months)	-	2,049	1,200	10,000	-	-	-	-	13,249
C. TOTAL	-	4,231	1,542	10,000	-	29,348	-	-	45,121
TOTAL	\$ -	\$ 351,234	\$ 1,437	\$ 151,280	\$ 966,177	\$ 29,348	\$ 36,707	\$ -	\$ 1,536,183

CONSERVATION PROGRAM COSTS - EXPENSES BY MONTH  
FOR THE PERIOD APRIL 1999 THROUGH DECEMBER 1999  
FOUR MONTHS ACTUAL AND FIVE MONTHS ESTIMATED

DESCRIPTION	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL
1. RESIDENTIAL BUILDER	\$ -	\$ -	\$ -	\$ 63,498	\$ 53,687	\$ 42,643	\$ 152,882	\$ 83,903	\$ 85,403	\$ 83,797	\$ 89,050	\$ 83,181	738,044
2. MULTI-FAMILY RESIDENTIAL BLDR	-	-	-	(196)	521	100	-	853	2,353	1,009	1,009	2,409	8,058
3. APPLIANCE REPLACEMENT	-	-	-	28,945	46,925	25,530	29,603	34,525	34,524	43,666	46,850	43,986	334,554
4. DEALER PROGRAM	-	-	-	-	-	-	-	-	-	-	-	-	-
5. GAS APPLIANCES IN SCHOOLS	-	-	-	47	134	134	1,954	367	567	-	-	-	3,203
6. RES PROPANE CONVERSION	-	-	-	487	317	-	-	1,113	1,113	1,394	1,289	1,329	7,042
7. RES WATER HEATER RETENTION	-	-	-	3,099	3,737	3,523	3,923	6,214	6,214	4,970	4,804	5,024	41,508
8. RES CUT AND CAP ALTERNATIVE	-	-	-	1,395	4,180	1,965	2,338	1,821	1,821	2,473	2,352	2,395	20,740
9. COMM/IND CONVERSION	-	-	-	11,659	22,085	11,737	15,123	29,323	29,323	31,433	36,225	37,863	224,771
10. COMM/IND ALTERNATIVE TECH.	-	-	-	5,534	5,481	7,571	7,359	16,942	17,542	20,371	15,871	16,471	113,142
COMMON COSTS	-	-	-	2,671	5,984	2,018	21,199	2,000	2,000	3,083	3,052	3,114	45,121
TOTAL ALL PROGRAMS	-	-	-	117,139	143,051	95,221	234,381	177,061	180,860	192,196	200,502	195,772	1,536,183
LESS: AMOUNT IN RATE BASE	-	-	-	-	-	-	-	-	-	-	-	-	-
NET RECOVERABLE	\$ -	\$ -	\$ -	\$ 117,139	\$ 143,051	\$ 95,221	\$ 234,381	\$ 177,061	\$ 180,860	\$ 192,196	\$ 200,502	\$ 195,772	\$ 1,536,183

ENERGY CONSERVATION COST RECOVERY ADJUSTMENT  
FOR THE PERIOD APRIL 1999 THROUGH DECEMBER 2000  
FOUR MONTHS ACTUAL AND EIGHT MONTHS ESTIMATED

CONSERVATION REVENUES	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL
1. RCS AUDIT FEE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2. OTHER PROG. REVS.	-	-	-	-	-	-	-	-	-	-	-	-	-
3. CONSERV. ADJ REVS.				(148,848)	(118,988)	(114,698)	(112,680)	(144,936)	(153,555)	(144,537)	(158,353)	(196,376)	(1,292,971)
4. TOTAL REVENUES	-	-	-	(148,848)	(118,988)	(114,698)	(112,680)	(144,936)	(153,555)	(144,537)	(158,353)	(196,376)	(1,292,971)
5. PRIOR PERIOD TRUE- UP NOT APPLICABLE TO THIS PERIOD				(18,205)	(18,205)	(18,205)	(18,205)	(18,205)	(18,205)	(18,205)	(18,205)	(18,201)	(163,841)
6. CONSERV. REVS. APPLICABLE TO THE PERIOD	-	-	-	(167,053)	(137,193)	(132,903)	(130,885)	(163,141)	(171,760)	(162,742)	(176,558)	(214,577)	(1,456,812)
7. CONSERV. EXPS.	-	-	-	117,139	143,051	95,221	234,381	177,061	180,860	192,196	200,502	195,772	1,536,183
8. TRUE-UP THIS PERIOD	-	-	-	(49,914)	5,858	(37,682)	103,496	13,920	9,100	29,454	23,944	(18,805)	79,371
9. INTEREST PROV. THIS PERIOD	-	-	-	(724)	(741)	(755)	(560)	(238)	(113)	46	237	327	(2,520)
10. TRUE-UP AND INTEREST PROV. BEG. OF MONTH				(163,841)	(196,274)	(172,952)	(193,183)	(72,042)	(40,155)	(12,963)	34,743	77,129	
11. PRIOR TRUE-UP COLLECTED OR (REFUNDED)	-	-	-	18,205	18,205	18,205	18,205	18,205	18,205	18,205	18,205	18,201	163,841
12. TOTAL NET TRUE-UP	\$ -	\$ -	\$ -	\$ (196,274)	\$ (172,952)	\$ (193,183)	\$ (72,042)	\$ (40,155)	\$ (12,963)	\$ 34,743	\$ 77,129	\$ 76,851	\$ 76,851

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
FOR THE PERIOD APRIL 1999 THROUGH DECEMBER 1999  
FOUR MONTHS ACTUAL AND FIVE MONTHS ESTIMATED

INTEREST PROVISION	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL
1. BEGINNING TRUE-UP	\$ -	\$ -	\$ -	\$ (163,841)	\$ (196,274)	\$ (172,952)	\$ (193,183)	\$ (72,042)	\$ (40,155)	\$ (12,963)	\$ 34,743	\$ 77,129	
2. ENDING TRUE-UP BEFORE INTEREST	-	-	-	(195,550)	(172,211)	(192,429)	(71,482)	(39,917)	(12,850)	34,696	76,892	76,525	
3. TOTAL BEGINNING & ENDING TRUE-UP	-	-	-	(359,391)	(368,485)	(365,381)	(264,666)	(111,959)	(53,005)	21,734	111,634	153,654	
4. AVERAGE TRUE-UP (LINE 3 TIMES 50%)	\$ -	\$ -	\$ -	\$ (179,696)	\$ (184,243)	\$ (182,690)	\$ (132,333)	\$ (55,980)	\$ (26,503)	\$ 10,867	\$ 55,817	\$ 76,827	
5. INTEREST RATE FIRST DAY OF REPORTING MONTH	4.900%	4.810%	4.850%	4.880%	4.800%	4.850%	5.050%	5.100%	5.100%	5.100%	5.100%	5.100%	
6. INTER. RATE - FIRST DAY SUBSEQUENT MONTH	4.810%	4.850%	4.880%	4.800%	4.850%	5.050%	5.100%	5.100%	5.100%	5.100%	5.100%	5.100%	
7. TOTAL (SUM LINES 5 & 6)	9.710%	9.660%	9.730%	9.680%	9.650%	9.900%	10.150%	10.200%	10.200%	10.200%	10.200%	10.200%	
8. AVG. INTEREST RATE (LINE 7 TIMES 50%)	4.855%	4.830%	4.865%	4.840%	4.825%	4.950%	5.075%	5.100%	5.100%	5.100%	5.100%	5.100%	
9. MONTHLY AVG INTEREST RATE	0.405%	0.403%	0.405%	0.403%	0.402%	0.413%	0.423%	0.425%	0.425%	0.425%	0.425%	0.425%	
10. INTEREST PROVISION	\$ -	\$ -	\$ -	\$ (724)	\$ (741)	\$ (755)	\$ (560)	\$ (238)	\$ (113)	\$ 46	\$ 237	\$ 327	\$ (2,520)

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL BUILDER - PROGRAM 1

**DESCRIPTION:** The Residential Builder Program is designed to increase the overall energy efficiency in the residential new construction market by promoting energy-efficient natural gas appliances in residences that would qualify for the RS rates. The program offers builders and developers incentives in the form of cash allowances to assist in defraying the additional costs associated with the installation of natural gas supply lines, house piping, venting and natural gas appliances.

**PROGRAM ALLOWANCES:**

Furnace .....	\$350
Water Heater .....	350
Range .....	100
Dryer .....	100
Triathlon .....	1200

**REPORTING PERIOD:** April 1999 through July 1999

**APPLIANCES INSTALLED:**

The Company connected 791 gas appliances during the period.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 970002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** MULTI-FAMILY RESIDENTIAL BUILDER - PROGRAM 2

**DESCRIPTION:** The Multi-Family Residential Builder Program is designed to increase overall energy efficiency in the multi-family new construction market by promoting energy-efficient natural gas in multi-unit residences qualifying for the Company's CS rates.

**PROGRAM ALLOWANCES:**

Per dwelling unit ..... \$300

**REPORTING PERIOD:** April 1999 through July 1999

**PROGRAM SUMMARY:**

Program costs for the period were \$425.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

CITY GAS COMPANY OF FLORIDA  
Schedule C-5  
PROGRAM PROGRESS REPORT

**NAME:** RESIDENTIAL APPLIANCE REPLACEMENT PROGRAM 3

**DESCRIPTION:** The Residential Appliance Replacement Program is designed to promote the replacement of inefficient non-natural gas residential appliances with energy efficient natural gas appliances. The Program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the installation of efficient natural gas appliances.

**PROGRAM ALLOWANCES:**

Furnace .....	\$625
Water Heater .....	525
Range .....	100
Dryer .....	100
Triathlon .....	1200

**REPORTING PERIOD:** April 1999 through July 1999

**APPLIANCES INSTALLED:**

The Company connected 204 gas appliances during the period.



EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** DEALER - PROGRAM 4

**DESCRIPTION:** The Dealer Program is designed to encourage the replacement of non-gas appliances with energy efficient natural gas appliances through appliance dealers and contractors. The program offers incentives to the dealers and contractors.

**PROGRAM ALLOWANCES:**

Furnace .....  
Water Heater .....  
Range .....  
Dryer .....

**REPORTING PERIOD:** April 1999 through July 1999

**APPLIANCES INSTALLED:**

This program was discontinued in February 1998 with Order #PSC-98-0154-GOF-GU granting the new programs.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** GAS APPLIANCES IN SCHOOLS - PROGRAM 5

**DESCRIPTION:** The Gas Appliances in Schools Program is designed to promote natural gas appliances where cost-efficient, in Home Economic Departments in schools located in our Company's service area. The program provides teaching assistance on energy conservation and on the use, care, and safety of natural gas appliances through a Company-employed home economist.

**REPORTING PERIOD:** April 1999 through July 1999

**PROGRAM SUMMARY:**

Program costs for the period were \$2,269.

CITY GAS COMPANY OF FLORIDA

Schedule C-5  
PROGRAM PROGRESS REPORT

**NAME:** RESIDENTIAL PROPANE CONVERSION - PROGRAM 6

**DESCRIPTION:** The Residential Propane Conversion Program is designed to promote the conversion of existing residential propane appliances to utilize efficient natural gas. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the conversion of their existing propane appliances to utilize natural gas.

**PROGRAM ALLOWANCES:**

Furnace .....	\$200
Water Heater .....	100
Dryer .....	25
Dryer .....	50

**REPORTING PERIOD:** April 1999 through July 1999

**PROGRAM SUMMARY:**

Program costs for the period were \$804.

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL WATER HEATER RETENTION - PROGRAM 7

**DESCRIPTION:** The Residential Water Heater Retention Program is designed to promote the retention of energy efficient natural gas water heaters in existing residential structures. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the purchase and installation of energy efficient natural gas appliances.

**PROGRAM ALLOWANCES:**

Water Heater ..... \$50

**REPORTING PERIOD:** April 1999 through July 1999

**PROGRAM SUMMARY:**

The Company retained 143 water heaters during the period.

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL CUT AND CAP - PROGRAM 8

**DESCRIPTION:** The Residential Cut and Cap Program is designed to encourage the re-activation of existing residential service lines that are scheduled to be cut off and capped. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the purchase and/or lease and the installation of energy efficient natural gas appliances.

**PROGRAM ALLOWANCES:**

Service re-activation..... \$200

**REPORTING PERIOD: April 1999 through July 1999**

**PROGRAM SUMMARY:**

Program costs for the period were \$9,878.

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** COMMERCIAL/INDUSTRIAL CONVERSION - PROGRAM 9

**DESCRIPTION:** The Commercial/Industrial Conversion Program is designed to promote the conversion of commercial and industrial inefficient non-gas equipment to energy efficient natural gas. The program offers incentives in the form of cash allowances to existing commercial and industrial businesses located in existing structures, to assist in defraying the incremental first costs associated with the installation of natural gas supply lines, internal piping, venting and equipment.

**PROGRAM ALLOWANCES:**

Per 100,000 BTU input rating..... \$75

**REPORTING PERIOD: April 1999 through July 1999**

**PROGRAM SUMMARY:**

The Company converted 16 accounts during the period, with a combined BTU input rating of 21,848,000 BTUs.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

CITY GAS COMPANY OF FLORIDA

Schedule C-5  
PROGRAM PROGRESS REPORT

**NAME:** COMMERCIAL/INDUSTRIAL ALTERNATIVE TECHNOLOGY INCENTIVE - PROGRAM 10

**DESCRIPTION:** The Commercial/Industrial Alternative Technology Incentive Program (ATI) is designed to encourage commercial and industrial business owners to install alternate technologies that utilize natural gas that are not covered by one of the other City Gas Energy Conservation Programs, but which cost-effectively reduce the total utility expense of the business. The program offers incentives based on the cost-effectiveness under a life-cycle analysis utilizing a computerized energy consumption simulation model.

**PROGRAM ALLOWANCES:**

Payback period of three years subject to a maximum incentive of three times the projected incremental annualized margin.

**REPORTING PERIOD:** April 1999 through July 1999

**PROGRAM SUMMARY:**

Program costs for the period were \$25,945.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** ENERGY CONSERVATION COMMON COSTS

**REPORTING PERIOD: April 1999 through July 1999**

Program costs for the period were \$31,872.



**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

In re: Conservation Cost Recovery )  
Clause )  
\_\_\_\_\_ )

DOCKET NO. 990002-EG  
Filed: October 22, 1999

**SECOND AMENDED EXHIBIT (CS-1)**

**In support of the**

**SECOND AMENDED DIRECT TESTIMONY**

**OF**

**CARL SMITH**

**On behalf of**

**CITY GAS COMPANY OF FLORIDA**

ENERGY CONSERVATION ADJUSTMENT - SUMMARY OF COST RECOVERY CLAUSE CALCULATION

PROJECTED PERIOD: JANUARY 2000 THROUGH DECEMBER 2000  
 ACTUAL/ESTIMATED PERIOD: APRIL 1999 THROUGH DECEMBER 1999  
 FINAL TRUE-UP PERIOD: APRIL 1998 THROUGH DECEMBER 1998  
 COLLECTION PERIOD FOR PRIOR TRUE-UP: JANUARY 2000 THROUGH DECEMBER 2000

1. TOTAL INCREMENTAL COSTS (SCHEDULE C-2, PAGE 1)	\$ 2,274,063
2. TRUE-UP (SCHEDULE C-3, PAGE 4, LINE 11)	\$ 43,588
3. TOTAL (LINE 1 AND 2)	\$ 2,317,651

RATE SCHEDULE	BILLS	THERM SALES	CUSTOMER CHARGE	NON-GAS ENERGY CHARGE	TOTAL CUST. & ENERGY CHG REVENUES	ECCR REVENUES	ECCR AS % OF TOTAL REVENUES	DOLLARS PER THERM	TAX FACTOR	CONSERVATION FACTOR
RESIDENTIAL (RS, ED & GL)	1,157,348	19,523,998	\$ 8,079,938	\$ 9,049,169	\$ 17,129,107	\$ 1,396,426	8.1524%	\$ 0.07152	1.00503	\$ 0.07188
COMMERCIAL (CS, ED, CTS & SCTS)	63,402	49,808,510	\$ 1,097,242	\$ 9,802,006	\$ 10,899,248	\$ 888,546	8.1524%	\$ 0.01784	1.00503	\$ 0.01793
COMMERCIAL LARGE VOLUME (LCS)	132	2,425,500	\$ 4,620	\$ 396,230	\$ 400,850	\$ 32,679	8.1525%	\$ 0.01347	1.00503	\$ 0.01354
TOTAL	1,220,882	71,758,008	\$ 9,181,800	\$ 19,247,405	\$ 28,429,205	\$ 2,317,651				

PROJECTED CONSERVATION PROGRAM COSTS BY PROGRAM BY MONTH  
FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

PROGRAM NAME	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00	Dec-00	TOTAL
1. RESIDENTIAL BUILDER	\$ 84,649	\$ 80,293	\$ 80,436	\$ 83,900	\$ 81,552	\$ 84,000	\$ 81,500	\$ 80,400	\$ 82,400	\$ 82,400	\$ 82,400	\$ 82,400	\$ 986,330
2. MULTI-FAMILY RESIDENTIAL BLDR	1,187	823	2,323	1,023	823	2,523	823	823	2,423	2,423	2,423	2,423	\$ 20,040
3. APPLIANCE REPLACEMENT	46,482	42,620	42,974	51,372	43,954	42,872	43,872	42,872	42,872	42,872	42,872	42,872	\$ 528,506
4. DEALER PROGRAM	-	-	-	-	-	-	-	-	-	-	-	-	\$ -
5. GAS APPLIANCES IN SCHOOLS	-	-	-	-	-	-	-	-	-	-	-	-	\$ -
6. RES PROPANE CONVERSION	1,509	1,291	1,309	1,406	1,299	1,306	1,406	1,306	1,306	1,306	1,306	1,306	\$ 16,056
7. RES WATER HEATER RETENTION	5,324	4,769	4,972	5,011	4,843	4,911	5,011	4,911	4,911	4,911	4,911	4,911	\$ 59,396
8. RES CUT AND CAP ALTERNATIVE	2,685	2,346	2,414	2,492	2,369	2,392	2,492	2,392	2,392	2,392	2,392	2,392	\$ 29,150
9. COMM/IND CONVERSION	35,126	31,755	31,483	31,401	33,090	31,401	31,401	32,001	31,401	31,401	31,401	31,401	\$ 383,262
0. COMM/IND ALTERNATIVE TECH. COMMON COSTS	21,058 3,226	15,885 3,033	18,985 3,929	20,385 3,097	15,885 4,666	16,485 3,097	20,385 3,097	15,885 3,897	16,485 3,097	16,485 3,097	16,485 3,097	16,485 3,097	\$ 210,893 40,430
<b>TOTAL ALL PROGRAMS</b>	<b>\$ 201,246</b>	<b>\$ 182,815</b>	<b>\$ 188,825</b>	<b>\$ 200,087</b>	<b>\$ 188,481</b>	<b>\$ 188,987</b>	<b>\$ 189,987</b>	<b>\$ 184,487</b>	<b>\$ 187,287</b>	<b>\$ 187,287</b>	<b>\$ 187,287</b>	<b>\$ 187,287</b>	<b>\$ 2,274,063</b>
LESS: AMOUNT IN RATE BASE	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>RECOVERABLE CONSERVATION EXPENSES</b>	<b>\$ 201,246</b>	<b>\$ 182,815</b>	<b>\$ 188,825</b>	<b>\$ 200,087</b>	<b>\$ 188,481</b>	<b>\$ 188,987</b>	<b>\$ 189,987</b>	<b>\$ 184,487</b>	<b>\$ 187,287</b>	<b>\$ 187,287</b>	<b>\$ 187,287</b>	<b>\$ 187,287</b>	<b>\$ 2,274,063</b>

EXHIBIT NO.  
COMPANY: CITY GAS COMPANY OF FLORIDA  
(A DIVISION OF NUI CORPORATION)  
DOCKET NO. 990002-EG  
(CS-1)

PROJECTED CONSERVATION PROGRAM COSTS BY COST CATEGORY  
FOR THE PERIOD JANUARY 2000 THROUGH DECEMBER 2000

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
1. RESIDENTIAL BUILDER	\$ -	\$ 65,946	\$ -	\$ 20,600	\$ 884,400	\$ -	\$ 15,384	\$ -	\$ 986,330
2. MULTI-FAMILY RESIDENTIAL BLDR	-	8,528	-	1,000	9,000	-	1,512	-	20,040
3. APPLIANCE REPLACEMENT	-	148,478	-	83,700	270,000	-	26,328	-	528,506
4. DEALER PROGRAM	-	-	-	-	-	-	-	-	-
5. GAS APPLIANCES IN SCHOOLS	-	-	-	-	-	-	-	-	-
6. RES PROPANE CONVERSION	-	7,260	-	2,700	4,800	-	1,296	-	16,056
7. RES WATER HEATER RETENTION	-	24,692	-	12,300	18,000	-	4,404	-	59,396
8. RES CUT AND CAP ALTERNATIVE	-	11,258	-	5,100	10,800	-	1,992	-	29,150
9. COMM/IND CONVERSION	-	220,806	-	33,000	90,000	-	39,456	-	383,262
10. COMM/IND ALTERNATIVE TECH. COMMON COSTS	-	35,053	-	37,600	132,000	-	6,240	-	210,893
	-	8,430	4,800	24,000	-	-	-	3,200	40,430
TOTAL ALL PROGRAMS	-	530,451	4,800	220,000	1,419,000	-	96,612	3,200	2,274,063
LESS: AMOUNT IN RATE BASE	-	-	-	-	-	-	-	-	-
RECOVERABLE CONSERVATION EXPENDITURES	\$ -	\$ 530,451	\$ 4,800	\$ 220,000	\$ 1,419,000	\$ -	\$ 96,612	\$ 3,200	\$ 2,274,063

EXHIBIT NO.  
COMPANY: CITY GAS COMPANY OF FLORIDA  
(A DIVISION OF NUI CORPORATION)  
DOCKET NO. 990002-EG  
(CS-1)

CONSERVATION PROGRAM COSTS BY COST CATEGORY  
FOR THE PERIOD APRIL 1999 THROUGH DECEMBER 1999  
FOUR MONTHS ACTUAL AND FIVE MONTHS ESTIMATED

	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
1. RESIDENTIAL BUILDER									
A. ACTUAL (4 months)	\$ -	\$ 35,936	\$ -	\$ 4,129	\$ 267,430	\$ -	\$ 5,215	\$ -	\$ 312,710
B. ESTIMATED (5 months)	-	35,888	-	16,500	368,500	-	4,446	-	425,334
C. TOTAL	-	71,824	-	20,629	635,930	-	9,661	-	738,044
2. MULTI-FAMILY RESIDENTIAL BLDR									
A. ACTUAL (4 months)	-	908	-	-	-	-	(483)	-	425
B. ESTIMATED (5 months)	-	3,755	-	500	3,000	-	378	-	7,633
C. TOTAL	-	4,663	-	500	3,000	-	(105)	-	8,058
3. APPLIANCE REPLACEMENT									
A. ACTUAL (4 months)	-	29,192	-	16,495	84,314	-	1,002	-	131,003
B. ESTIMATED (5 months)	-	45,969	-	36,300	112,500	-	8,782	-	203,551
C. TOTAL	-	75,161	-	52,795	196,814	-	9,784	-	334,554
4. DEALER PROGRAM									
A. ACTUAL (4 months)	-	-	-	-	-	-	-	-	-
B. ESTIMATED (5 months)	-	-	-	-	-	-	-	-	-
C. TOTAL	-	-	-	-	-	-	-	-	-
5. GAS APPLIANCES IN SCHOOLS									
A. ACTUAL (4 months)	-	431	-	1,950	-	-	(112)	-	2,269
B. ESTIMATED (5 months)	-	734	200	-	-	-	-	-	934
C. TOTAL	-	1,165	200	1,950	-	-	(112)	-	3,203
6. RES PROPANE CONVERSION									
A. ACTUAL (4 months)	-	847	-	265	-	-	(308)	-	804
B. ESTIMATED (5 months)	-	2,814	-	1,100	2,000	-	324	-	6,238
C. TOTAL	-	3,661	-	1,365	2,000	-	16	-	7,042
SUB-TOTAL	\$ -	\$ 156,474	\$ 200	\$ 77,239	\$ 837,744	\$ -	\$ 19,244	\$ -	\$ 1,090,901

EXHIBIT NO.  
COMPANY: CITY GAS COMPANY OF FLORIDA  
(A DIVISION OF NUI CORPORATION)  
DOCKET NO. 990002-EG  
(CS-1)

CONSERVATION PROGRAM COSTS BY COST CATEGORY  
FOR THE PERIOD APRIL 1999 THROUGH DECEMBER 1999  
FOUR MONTHS ACTUAL AND FIVE MONTHS ESTIMATED

	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
SUB-TOTAL - PREVIOUS PAGE	\$ -	\$ 156,474	\$ 200	\$ 77,239	\$ 837,744	\$ -	\$ 19,244	\$ -	\$ 1,090,901
<b>7. RES WATER HEATER RETENTION</b>									
A. ACTUAL (4 months)	-	7,657	-	-	6,274	-	351	-	14,282
B. ESTIMATED (5 months)	-	13,525	-	5,100	7,500	-	1,101	-	27,226
C. TOTAL	-	21,182	-	5,100	13,774	-	1,452	-	41,508
<b>8. RES CUT AND CAP ALTERNATIVE</b>									
A. ACTUAL (4 months)	-	5,644	-	-	4,232	-	2	-	9,878
B. ESTIMATED (5 months)	-	3,564	200	2,100	4,500	-	498	-	10,862
C. TOTAL	-	9,208	200	2,100	8,732	-	500	-	20,740
<b>9. COMM/IND CONVERSION</b>									
A. ACTUAL (4 months)	-	37,431	-	7,730	13,427	-	2,016	-	60,604
B. ESTIMATED (5 months)	-	92,203	-	24,600	37,500	-	9,864	-	164,167
C. TOTAL	-	129,634	-	32,330	50,927	-	11,880	-	224,771
<b>10. COMM/IND ALTERNATIVE TECH.</b>									
A. ACTUAL (4 months)	-	13,268	(705)	11,311	-	-	2,071	-	25,945
B. ESTIMATED (5 months)	-	17,237	200	13,200	55,000	-	1,560	-	87,197
C. TOTAL	-	30,505	(505)	24,511	55,000	-	3,631	-	113,142
<b>COMMON COSTS</b>									
A. ACTUAL (4 months)	-	2,182	342	-	-	29,348	-	-	31,872
B. ESTIMATED (5 months)	-	2,049	1,200	10,000	-	-	-	-	13,249
C. TOTAL	-	4,231	1,542	10,000	-	29,348	-	-	45,121
<b>TOTAL</b>	\$ -	\$ 351,234	\$ 1,437	\$ 151,280	\$ 966,177	\$ 29,348	\$ 36,707	\$ -	\$ 1,536,183

CONSERVATION PROGRAM COSTS - EXPENSES BY MONTH  
FOR THE PERIOD APRIL 1999 THROUGH DECEMBER 1999  
FOUR MONTHS ACTUAL AND FIVE MONTHS ESTIMATED

DESCRIPTION	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL
1. RESIDENTIAL BUILDER	\$ -	\$ -	\$ -	\$ 63,498	\$ 53,687	\$ 42,643	\$ 152,882	\$ 83,903	\$ 85,403	\$ 83,797	\$ 89,050	\$ 83,181	738,044
2. MULTI-FAMILY RESIDENTIAL BLDR	-	-	-	(196)	521	100	-	853	2,353	1,009	1,009	2,409	8,058
3. APPLIANCE REPLACEMENT	-	-	-	28,945	46,925	25,530	29,603	34,525	34,524	43,666	46,850	43,986	334,554
4. DEALER PROGRAM	-	-	-	-	-	-	-	-	-	-	-	-	-
5. GAS APPLIANCES IN SCHOOLS	-	-	-	47	134	134	1,954	367	567	-	-	-	3,203
6. RES PROPANE CONVERSION	-	-	-	487	317	-	-	1,113	1,113	1,394	1,289	1,329	7,042
7. RES WATER HEATER RETENTION	-	-	-	3,099	3,737	3,523	3,923	6,214	6,214	4,970	4,804	5,024	41,508
8. RES CUT AND CAP ALTERNATIVE	-	-	-	1,395	4,180	1,965	2,338	1,821	1,821	2,473	2,352	2,395	20,740
9. COMM/IND CONVERSION	-	-	-	11,659	22,085	11,737	15,123	29,323	29,323	31,433	36,225	37,863	224,771
10. COMM/IND ALTERNATIVE TECH.	-	-	-	5,534	5,481	7,571	7,359	16,942	17,542	20,371	15,871	16,471	113,142
COMMON COSTS	-	-	-	2,671	5,984	2,018	21,199	2,000	2,000	3,083	3,052	3,114	45,121
TOTAL ALL PROGRAMS	-	-	-	117,139	143,051	95,221	234,381	177,061	180,860	192,196	200,502	195,772	1,536,183
LESS: AMOUNT IN RATE BASE	-	-	-	-	-	-	-	-	-	-	-	-	-
NET RECOVERABLE	\$ -	\$ -	\$ -	\$ 117,139	\$ 143,051	\$ 95,221	\$ 234,381	\$ 177,061	\$ 180,860	\$ 192,196	\$ 200,502	\$ 195,772	\$ 1,536,183

EXHIBIT NO.

COMPANY:

CITY GAS COMPANY OF FLORIDA  
(A DIVISION OF NUI CORPORATION)

DOCKET NO.

990002-EG  
(CS-1)

ENERGY CONSERVATION COST RECOVERY ADJUSTMENT  
FOR THE PERIOD APRIL 1999 THROUGH DECEMBER 2000  
FOUR MONTHS ACTUAL AND EIGHT MONTHS ESTIMATED

CONSERVATION REVENUES	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL
1. RCS AUDIT FEE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2. OTHER PROG. REVS.	-	-	-	-	-	-	-	-	-	-	-	-	-
3. CONSERV. ADJ REVS.				(148,848)	(118,988)	(114,698)	(112,680)	(144,936)	(153,555)	(144,537)	(158,353)	(196,376)	(1,292,971)
4. TOTAL REVENUES	-	-	-	(148,848)	(118,988)	(114,698)	(112,680)	(144,936)	(153,555)	(144,537)	(158,353)	(196,376)	(1,292,971)
5. PRIOR PERIOD TRUE-UP NOT APPLICABLE TO THIS PERIOD				(21,764)	(21,764)	(21,764)	(21,764)	(21,764)	(21,764)	(21,764)	(21,764)	(21,765)	(195,877)
6. CONSERV. REVS. APPLICABLE TO THE PERIOD	-	-	-	(170,612)	(140,752)	(136,462)	(134,444)	(166,700)	(175,319)	(166,301)	(180,117)	(218,141)	(1,488,848)
7. CONSERV. EXPS.	-	-	-	117,139	143,051	95,221	234,381	177,061	180,860	192,196	200,502	195,772	1,536,183
8. TRUE-UP THIS PERIOD	-	-	-	(53,473)	2,299	(41,241)	99,937	10,361	5,541	25,895	20,385	(22,369)	47,335
9. INTEREST PROV. THIS PERIOD	-	-	-	(853)	(870)	(888)	(697)	(376)	(252)	(93)	97	186	(3,747)
10. TRUE-UP AND INTEREST PROV. BEG. OF MONTH				(195,877)	(228,439)	(205,246)	(225,611)	(104,607)	(72,858)	(45,805)	1,761	44,007	
11. PRIOR TRUE-UP COLLECTED OR (REFUNDED)	-	-	-	21,764	21,764	21,764	21,764	21,764	21,764	21,764	21,764	21,765	195,877
12. TOTAL NET TRUE-UP	\$ -	\$ -	\$ -	\$ (228,439)	\$ (205,246)	\$ (225,611)	\$ (104,607)	\$ (72,858)	\$ (45,805)	\$ 1,761	\$ 44,007	\$ 43,588	\$ 43,588



EXHIBIT NO.  
COMPANY:

CITY GAS COMPANY OF FLORIDA  
(A DIVISION OF NUI CORPORATION)  
980002-EG  
(CS-1)

DOCKET NO.

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
FOR THE PERIOD APRIL 1999 THROUGH DECEMBER 1999  
FOUR MONTHS ACTUAL AND FIVE MONTHS ESTIMATED

INTEREST PROVISION	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL
1. BEGINNING TRUE-UP	\$ -	\$ -	\$ -	\$ (195,877)	\$ (228,439)	\$ (205,246)	\$ (225,611)	\$ (104,607)	\$ (72,858)	\$ (45,805)	\$ 1,761	\$ 44,007	
2. ENDING TRUE-UP BEFORE INTEREST	-	-	-	(227,586)	(204,376)	(224,723)	(103,910)	(72,482)	(45,553)	1,854	43,910	43,403	
3. TOTAL BEGINNING & ENDING TRUE-UP	-	-	-	(423,463)	(432,816)	(429,969)	(329,521)	(177,089)	(118,412)	(43,951)	45,670	87,409	
4. AVERAGE TRUE-UP (LINE 3 TIMES 50%)	\$ -	\$ -	\$ -	\$ (211,732)	\$ (216,408)	\$ (214,985)	\$ (164,761)	\$ (88,545)	\$ (59,206)	\$ (21,976)	\$ 22,835	\$ 43,705	
5. INTEREST RATE FIRST DAY OF REPORTING MONTH	4.900%	4.810%	4.850%	4.880%	4.800%	4.850%	5.050%	5.100%	5.100%	5.100%	5.100%	5.100%	
6. INTER. RATE - FIRST DAY SUBSEQUENT MONTH	4.810%	4.850%	4.880%	4.800%	4.850%	5.050%	5.100%	5.100%	5.100%	5.100%	5.100%	5.100%	
7. TOTAL (SUM LINES 5 & 6)	9.710%	9.660%	9.730%	9.680%	9.650%	9.900%	10.150%	10.200%	10.200%	10.200%	10.200%	10.200%	
8. AVG. INTEREST RATE (LINE 7 TIMES 50%)	4.855%	4.830%	4.865%	4.840%	4.825%	4.950%	5.075%	5.100%	5.100%	5.100%	5.100%	5.100%	
9. MONTHLY AVG INTEREST RATE	0.405%	0.403%	0.405%	0.403%	0.402%	0.413%	0.423%	0.425%	0.425%	0.425%	0.425%	0.425%	
10 INTEREST PROVISION	\$ -	\$ -	\$ -	\$ (853)	\$ (870)	\$ (888)	\$ (697)	\$ (376)	\$ (252)	\$ (93)	\$ 97	\$ 186	\$ (3,747)

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL BUILDER - PROGRAM 1

**DESCRIPTION:** The Residential Builder Program is designed to increase the overall energy efficiency in the residential new construction market by promoting energy-efficient natural gas appliances in residences that would qualify for the RS rates. The program offers builders and developers incentives in the form of cash allowances to assist in defraying the additional costs associated with the installation of natural gas supply lines, house piping, venting and natural gas appliances.

**PROGRAM ALLOWANCES:**

Furnace .....	\$350
Water Heater .....	350
Range .....	100
Dryer .....	100
Triathlon .....	1200

**REPORTING PERIOD:** April 1999 through July 1999

**APPLIANCES INSTALLED:**

The Company connected 791 gas appliances during the period.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 970002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** MULTI-FAMILY RESIDENTIAL BUILDER - PROGRAM 2

**DESCRIPTION:** The Multi-Family Residential Builder Program is designed to increase overall energy efficiency in the multi-family new construction market by promoting energy-efficient natural gas in multi-unit residences qualifying for the Company's CS rates.

**PROGRAM ALLOWANCES:**

Per dwelling unit ..... \$300

**REPORTING PERIOD:** April 1999 through July 1999

**PROGRAM SUMMARY:**

Program costs for the period were \$425.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**  
**Schedule C-5**  
**PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL APPLIANCE REPLACEMENT PROGRAM 3

**DESCRIPTION:** The Residential Appliance Replacement Program is designed to promote the replacement of inefficient non-natural gas residential appliances with energy efficient natural gas appliances. The Program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the installation of efficient natural gas appliances.

**PROGRAM ALLOWANCES:**

Furnace .....	\$625
Water Heater .....	525
Range .....	100
Dryer .....	100
Triathlon .....	1200

**REPORTING PERIOD:** April 1999 through July 1999

**APPLIANCES INSTALLED:**

The Company connected 204 gas appliances during the period.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** DEALER - PROGRAM 4

**DESCRIPTION:** The Dealer Program is designed to encourage the replacement of non-gas appliances with energy efficient natural gas appliances through appliance dealers and contractors. The program offers incentives to the dealers and contractors.

**PROGRAM ALLOWANCES:**

Furnace .....  
Water Heater .....  
Range .....  
Dryer .....

**REPORTING PERIOD:** April 1999 through July 1999

**APPLIANCES INSTALLED:**

This program was discontinued in February 1998 with Order #PSC-98-0154-GOF-GU granting the new programs.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** GAS APPLIANCES IN SCHOOLS - PROGRAM 5

**DESCRIPTION:** The Gas Appliances in Schools Program is designed to promote natural gas appliances where cost-efficient, in Home Economic Departments in schools located in our Company's service area. The program provides teaching assistance on energy conservation and on the use, care, and safety of natural gas appliances through a Company-employed home economist.

**REPORTING PERIOD:** April 1999 through July 1999

**PROGRAM SUMMARY:**

Program costs for the period were \$2,269.

CITY GAS COMPANY OF FLORIDA

Schedule C-5  
PROGRAM PROGRESS REPORT

**NAME:** RESIDENTIAL PROPANE CONVERSION - PROGRAM 6

**DESCRIPTION:** The Residential Propane Conversion Program is designed to promote the conversion of existing residential propane appliances to utilize efficient natural gas. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the conversion of their existing propane appliances to utilize natural gas.

**PROGRAM ALLOWANCES:**

Furnace .....	\$200
Water Heater .....	100
Dryer .....	25
Dryer .....	50

**REPORTING PERIOD:** April 1999 through July 1999

**PROGRAM SUMMARY:**

Program costs for the period were \$804.

CITY GAS COMPANY OF FLORIDA

Schedule C-5  
PROGRAM PROGRESS REPORT

**NAME:** RESIDENTIAL WATER HEATER RETENTION - PROGRAM 7

**DESCRIPTION:** The Residential Water Heater Retention Program is designed to promote the retention of energy efficient natural gas water heaters in existing residential structures. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the purchase and installation of energy efficient natural gas appliances.

**PROGRAM ALLOWANCES:**

Water Heater ..... \$50

**REPORTING PERIOD:** April 1999 through July 1999

**PROGRAM SUMMARY:**

The Company retained 143 water heaters during the period.



**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** RESIDENTIAL CUT AND CAP - PROGRAM 8

**DESCRIPTION:** The Residential Cut and Cap Program is designed to encourage the re-activation of existing residential service lines that are scheduled to be cut off and capped. The program offers incentives in the form of cash allowances to residential consumers to assist in defraying the additional costs associated with the purchase and/or lease and the installation of energy efficient natural gas appliances.

**PROGRAM ALLOWANCES:**

Service re-activation.....	\$200
----------------------------	-------

**REPORTING PERIOD:** April 1999 through July 1999

**PROGRAM SUMMARY:**

Program costs for the period were \$9,878.

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** COMMERCIAL/INDUSTRIAL CONVERSION - PROGRAM 9

**DESCRIPTION:** The Commercial/Industrial Conversion Program is designed to promote the conversion of commercial and industrial inefficient non-gas equipment to energy efficient natural gas. The program offers incentives in the form of cash allowances to existing commercial and industrial businesses located in existing structures, to assist in defraying the incremental first costs associated with the installation of natural gas supply lines, internal piping, venting and equipment.

**PROGRAM ALLOWANCES:**

Per 100,000 BTU input rating..... \$75

**REPORTING PERIOD:** April 1999 through July 1999

**PROGRAM SUMMARY:**

The Company converted 16 accounts during the period, with a combined BTU input rating of 21,848,000 BTUs.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** COMMERCIAL/INDUSTRIAL ALTERNATIVE TECHNOLOGY INCENTIVE - PROGRAM 10

**DESCRIPTION:** The Commercial/Industrial Alternative Technology Incentive Program (ATI) is designed to encourage commercial and industrial business owners to install alternate technologies that utilize natural gas that are not covered by one of the other City Gas Energy Conservation Programs, but which cost-effectively reduce the total utility expense of the business. The program offers incentives based on the cost-effectiveness under a life-cycle analysis utilizing a computerized energy consumption simulation model.

**PROGRAM ALLOWANCES:**

Payback period of three years subject to a maximum incentive of three times the projected incremental annualized margin.

**REPORTING PERIOD:** April 1999 through July 1999

**PROGRAM SUMMARY:**

Program costs for the period were \$25,945.

EXHIBIT No. \_\_\_\_\_  
City Gas Company of Florida  
A Division of NUI Corporation  
DOCKET NO. 990002-EG  
(CS-1)

**CITY GAS COMPANY OF FLORIDA**

**Schedule C-5  
PROGRAM PROGRESS REPORT**

**NAME:** ENERGY CONSERVATION COMMON COSTS

**REPORTING PERIOD:** April 1999 through July 1999

Program costs for the period were \$31,872.

ADJUSTED NET TRUE UP  
 FOR MONTHS: APRIL 1998 THROUGH MARCH 1999

END OF PERIOD NET TRUE-UP

PRINCIPLE	(144,024)	
INTEREST	(4,439)	(148,463)

LESS PROJECTED TRUE-UP

PRINCIPLE	(29,285)	
INTEREST	(2,751)	(32,036)

ADJUSTED NET TRUE-UP (116,427)

( ) REFLECTS OVER-RECOVERY

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VERSUS ESTIMATED  
FOR MONTHS: APRIL 1998 THROUGH MARCH 1999

	<u>ACTUAL</u>	<u>PROJECTED</u>	<u>DIFFERENCE</u>
CAPITAL INVESTMENT	-		-
PAYROLL & BENEFITS	643,646	570,206	73,440
MATERIALS & SUPPLIES	2,049	3,400	(1,351)
ADVERTISING	169,857	285,694	(115,837)
INCENTIVES	1,232,677	1,353,503	(120,826)
OUTSIDE SERVICES	10,618	-	10,618
VEHICLES	58,061	41,763	16,298
OTHER	<u>-</u>	<u>600</u>	<u>(600)</u>
SUB-TOTAL	2,116,908	2,255,166	(138,258)
PROGRAM REVENUES	<u>-</u>	<u>-</u>	<u>-</u>
TOTAL PROGRAM COSTS	2,116,908	2,255,166	(138,258)
LESS:			
PAYROLL ADJUSTMENTS	-	-	-
AMOUNTS INCLUDED IN RATE BASE	-	-	-
CONSERVATION ADJUSTMENT REVENUES	(2,260,932)	(2,284,451)	23,519
ROUNDING ADJUSTMENT	<u>-</u>	<u>-</u>	<u>-</u>
TRUE-UP BEFORE INTEREST	(144,024)	(29,285)	(114,739)
INTEREST PROVISION	(4,439)	(2,751)	(1,688)
END OF PERIOD TRUE-UP	<u>(148,463)</u>	<u>(32,036)</u>	<u>(116,427)</u>

( ) REFLECTS OVER-RECOVERY

ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM  
FOR MONTHS: APRIL 1998 THROUGH MARCH 1999

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
PROGRAM 1: SINGLE FAMILY HOME BUILDER	-	108,022	-	9,586	863,705	-	12,010	-	993,323
PROGRAM 2: MULTI FAMILY HOME BUILDER	-	17,467	-	-	32,400	-	959	-	50,826
PROGRAM 3: ELECTRIC REPLACEMENT	-	183,738	397	147,499	285,152	-	19,207	-	635,993
PROGRAM 4: DEALER PROGRAM	-	-	-	-	-	-	-	-	-
PROGRAM 5: SCHOOLS PROGRAM	-	3,313	1,500	-	-	-	621	-	5,434
PROGRAM 6: PROPANE CONVERSION	-	13,836	-	-	75	-	1,126	-	15,037
PROGRAM 7: WATER HEATER RETENTION	-	38,639	-	-	9,063	-	3,458	-	51,160
PROGRAM 8: RESIDENTIAL CUT AND CAP	-	29,694	-	405	13,386	-	3,074	-	46,559
PROGRAM 9: COMM/IND CONVERSION	-	154,747	-	2,500	28,896	-	15,139	-	201,282
PROGRAM 10: ALTERNATIVE TECHNOLOGY	-	46,623	-	7,867	-	-	2,467	-	56,957
COMMON COSTS	-	47,567	152	2,000	-	10,618	-	-	60,337
TOTAL TOTAL OF ALL PROGRAMS	-	643,646	2,049	169,857	1,232,677	10,618	58,061	-	2,116,908

CONSERVATION COSTS PER PROGRAM - VARIANCE ACTUAL VERSUS PROJECTED  
FOR MONTHS: APRIL 1998 THROUGH MARCH 1999

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
PROGRAM 1: SINGLE FAMILY HOME BUILDER	-	(31,704)	-	(14,412)	(29,761)	-	2,433	-	(73,444)
PROGRAM 2: MULTI FAMILY HOME BUILDER	-	4,188	-	(5,000)	29,400	-	959	-	29,547
PROGRAM 3: ELECTRIC REPLACEMENT	-	54,378	397	(12,792)	(6,588)	-	(836)	-	34,559
PROGRAM 4: DEALER PROGRAM	-	-	-	-	(255)	-	-	-	(255)
PROGRAM 5: SCHOOLS PROGRAM	-	(10,874)	(700)	(1,300)	-	-	402	-	(12,472)
PROGRAM 6: PROPANE CONVERSION	-	4,112	-	(5,779)	(4,617)	-	626	-	(5,658)
PROGRAM 7: WATER HEATER RETENTION	-	1,015	-	(12,728)	(16,964)	-	2,585	-	(26,092)
PROGRAM 8: RESIDENTIAL CUT AND CAP	-	15,888	(600)	(3,354)	(6,339)	-	128	-	5,723
PROGRAM 9: COMM/IND CONVERSION	-	(18,018)	-	(36,639)	(19,702)	-	8,351	-	(66,008)
PROGRAM 10: ALTERNATIVE TECHNOLOGY	-	6,888	(600)	(13,833)	(66,000)	-	1,650	-	(71,895)
COMMON COSTS	-	47,567	152	(10,000)	-	10,618	-	(600)	47,737
TOTAL TOTAL OF ALL PROGRAMS	-	73,440	(1,351)	(115,837)	(120,826)	10,618	16,298	(600)	(138,258)

( ) REFLECTS PROJECTED OVER ACTUAL EXPENSE ESTIMATES



ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION  
SUMMARY OF EXPENSES BY MONTH  
FOR MONTHS: APRIL 1998 THROUGH MARCH 1999

EXPENSES:	Actual Apr-98	Actual May-98	Actual Jun-98	Actual Jul-98	Actual Aug-98	Actual Sep-98	Actual Oct-98	Actual Nov-98	Actual Dec-98	Actual Jan-99	Actual Feb-99	Actual Mar-99	Total
PROGRAM 1:	117,147	49,966	164,589	76,722	62,965	71,394	68,312	49,913	104,124	67,738	94,041	66,412	993,323
PROGRAM 2:	1,692	1,253	2,306	2,996	2,088	961	34,235	1,911	1,853	616	462	453	50,826
PROGRAM 3:	110,726	54,974	90,163	51,281	40,870	48,325	56,042	27,990	40,271	44,088	28,400	42,863	635,993
PROGRAM 4:	-	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM 5:	728	705	1,982	42	57	168	186	780	188	195	198	205	5,434
PROGRAM 6:	-	-	2,003	2,534	2,690	2,292	886	923	971	909	923	906	15,037
PROGRAM 7:	2,788	3,309	5,330	7,001	8,665	2,473	6,355	1,927	2,948	3,127	3,503	3,734	51,160
PROGRAM 8:	2,906	8,732	6,322	3,766	3,329	5,161	1,784	3,184	4,484	2,326	1,904	2,661	46,559
PROGRAM 9:	17,292	12,872	20,224	16,209	13,208	16,145	13,442	18,174	17,270	17,915	15,261	23,270	201,282
PROGRAM 10:	2,839	6,203	2,091	1,940	6,055	7,123	2,238	5,890	12,354	2,989	3,704	3,531	56,957
COMMON COSTS	-	-	-	-	-	1,423	3,632	19,888	4,003	480	7,568	23,343	60,337
TOTAL	256,118	138,014	295,010	162,491	139,927	155,465	187,112	130,580	188,466	140,383	155,964	167,378	2,116,908
LESS AMOUNT INCLUDED IN RATE BASE	-	-	-	-	-	-	-	-	-	-	-	-	-
RECOVERABLE CONSERVATION EXPENSES	256,118	138,014	295,010	162,491	139,927	155,465	187,112	130,580	188,466	140,383	155,964	167,378	2,116,908

ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION  
FOR MONTHS: APRIL 1998 THROUGH MARCH 1999

	Actual Apr-98	Actual May-98	Actual Jun-98	Actual Jul-98	Actual Aug-98	Actual Sep-98	Actual Oct-98	Actual Nov-98	Actual Dec-98	Actual Jan-99	Actual Feb-99	Actual Mar-99	Total
1 RCS AUDIT FEES	-	-	-	-	-	-	-	-	-	-	-	-	-
2 OTHER PROGRAM REVS	-	-	-	-	-	-	-	-	-	-	-	-	-
3 CONSERV. ADJ REVS	(217,349)	(149,379)	(153,972)	(147,231)	(132,757)	(136,089)	(140,040)	(166,553)	(159,298)	(199,902)	(218,405)	(200,219)	(2,021,194)
4 TOTAL REVENUES	(217,349)	(149,379)	(153,972)	(147,231)	(132,757)	(136,089)	(140,040)	(166,553)	(159,298)	(199,902)	(218,405)	(200,219)	(2,021,194)
5 PRIOR PERIOD TRUE UP NOT APPLICABLE TO THIS PERIOD	(19,978)	(19,978)	(19,978)	(19,978)	(19,978)	(19,978)	(19,978)	(19,978)	(19,978)	(19,978)	(19,978)	(19,980)	(239,738)
CONSERVATION REVENUES													
6 APPLICABLE TO THE PERIOD	(237,327)	(169,357)	(173,950)	(167,209)	(152,735)	(156,067)	(160,018)	(186,531)	(179,276)	(219,880)	(238,383)	(220,199)	(2,260,932)
CONSERVATION EXPENSES (FROM CT-3, PAGE 1)													
7	256,118	138,014	295,010	162,491	139,927	155,465	187,112	130,580	188,466	140,383	155,964	167,378	2,116,908
8 TRUE-UP THIS PERIOD	18,791	(31,343)	121,060	(4,718)	(12,808)	(602)	27,094	(55,951)	9,190	(79,497)	(82,419)	(52,821)	(144,024)
9 INTEREST PROVISION THIS PERIOD (FROM CT-3 PAGE 3)	(1,017)	(954)	(665)	(308)	(256)	(190)	(40)	(17)	(31)	(91)	(336)	(533)	(4,439)
10 TRUE-UP & INTER. PROV. BEGINNING OF MONTH	(239,738)	(201,986)	(214,306)	(73,933)	(58,981)	(52,067)	(32,880)	14,151	(21,839)	7,298	(52,312)	(115,089)	
11 PRIOR PERIOD TRUE UP													
COLLECTED/(REFUNDED)	19,978	19,978	19,978	19,978	19,978	19,978	19,978	19,978	19,978	19,978	19,978	19,980	
12 TOTAL NET TRUE UP (SUM LINES 8-11 + 12)	(201,986)	(214,306)	(73,933)	(58,981)	(52,067)	(32,880)	14,151	(21,839)	7,298	(52,312)	(115,089)	(148,463)	(148,463)



SCHEDULE CT-1

COMPANY: PEOPLES GAS SYSTEM  
EXCEPT WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 1R)

ADJUSTED NET TRUE-UP  
APRIL 1998 THROUGH MARCH 1999

END OF PERIOD NET TRUE-UP

PRINCIPAL	(361,576)	
INTEREST	<u>(84,879)</u>	(446,455)

LESS PROJECTED TRUE-UP

PRINCIPAL	(1,339,922)	
INTEREST	<u>(91,083)</u>	<u>(1,431,005)</u>

ADJUSTED NET TRUE-UP 984,550

( ) REFLECTS OVER-RECOVERY

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990002-EG EXHIBIT NO. 12  
COMPANY/  
WITNESS: Paul Rosenfeld  
DATE: 11-22-99

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VERSUS ESTIMATED  
APRIL 1998 THROUGH MARCH 1999

	<u>ACTUAL</u>	<u>PROJECTED*</u>	<u>DIFFERENCE</u>
CAPITAL INVESTMENT	0	0	0
PAYROLL & BENEFITS	685,202	309,287	375,915
MATERIALS & SUPPLIES	5,829	9,834	(4,005)
ADVERTISING	811,293	367,028	444,265
INCENTIVES	5,078,874	5,386,761	(307,887)
OUTSIDE SERVICES	223,696	160,265	63,431
VEHICLES	26,121	0	26,121
OTHER	39,592	124,471	(84,879)
SUB-TOTAL	6,870,607	6,357,646	512,961
PROGRAM REVENUES	0	0	0
TOTAL PROGRAM COSTS	6,870,607	6,357,646	512,961
LESS:			
PAYROLL ADJUSTMENTS	0	0	0
AMOUNTS INCLUDED IN RATE BAS	0	0	0
CONSERVATION REVENUES APPLICABLE TO THE PERIOD	(7,232,183)	(1,527,481)	(5,704,702)
ROUNDING ADJUSTMENT	0	0	0
TRUE-UP BEFORE INTEREST	(361,576)	4,830,165	(5,191,741)
INTEREST PROVISION	(84,879)	(91,083)	6,204
END OF PERIOD TRUE-UP	(446,455)	4,739,082	(5,185,537)

( ) REFLECTS OVER-RECOVERY

\* 2 MONTHS ACTUAL AND 10 MONTHS PROJECTED

COMPANY: PEOPLES GAS SYSTEM  
 EXCEPT WEST FLORIDA REGION  
 Exhibit No. \_\_\_\_\_  
 Docket No. **990002-EG**  
 Peoples Gas System  
 (BNN - 1R)

**ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM  
 APRIL 1998 THROUGH MARCH 1999**

<u>PROGRAM NAME</u>	<u>PAYROLL &amp; BENEFITS</u>	<u>MATERIALS &amp; SUPPLIES</u>	<u>ADVERTIS.</u>	<u>INCENTIV.</u>	<u>OUTSIDE SERVICES</u>	<u>VEHICLE</u>	<u>OTHER</u>	<u>TOTAL</u>
<b>PROGRAM 1:</b> RESIDENTIAL HM BUILDER	0	0	0	4,103,572	0	0	0	4,103,572
<b>PROGRAM 2:</b> ENERGY AUDITS	0	0	0	0	0	0	0	0
<b>PROGRAM 3:</b> WATER HEATER LOAD RET	0	0	0	153,475	0	0	0	153,475
<b>PROGRAM 4:</b> OIL HEATER REPLACEMENT	0	0	0	23,650	0	0	0	23,650
<b>PROGRAM 5:</b> SM PKG COGENERATION	0	0	0	0	0	0	0	0
<b>PROGRAM 6:</b> COMM ELECTRIC REPLACEMENT	0	0	0	272,544	0	0	0	272,544
<b>PROGRAM 7:</b> RES ELECTRIC REPLACEMENT	0	0	0	427,284	0	0	0	427,284
<b>PROGRAM 8:</b> COMMON COSTS	685,202	5,829	811,293	0	223,696	26,121	39,592	1,791,733
<b>PROGRAM 9:</b> GAS SPACE COND.	0	0	0	98,350	0	0	0	98,350
<b>PROGRAM 10:</b> MONITORING & RESEARCH	0	0	0	0	0	0	0	0
<b>PROGRAM 11:</b> (TYPE NAME HERE)	0	0	0	0	0	0	0	0
<b>PROGRAM 12:</b> (TYPE NAME HERE)	0	0	0	0	0	0	0	0
<b>PROGRAM 13:</b> (TYPE NAME HERE)	0	0	0	0	0	0	0	0
<b>PROGRAM 14:</b> (TYPE NAME HERE)	0	0	0	0	0	0	0	0
<b>PROGRAM 15:</b> (TYPE NAME HERE)	0	0	0	0	0	0	0	0
<b>PROGRAM 16:</b> (TYPE NAME HERE)	0	0	0	0	0	0	0	0
<b>PROGRAM 17:</b> (TYPE NAME HERE)	0	0	0	0	0	0	0	0
<b>PROGRAM 18:</b> (TYPE NAME HERE)	0	0	0	0	0	0	0	0
<b>PROGRAM 19:</b> (TYPE NAME HERE)	0	0	0	0	0	0	0	0
<b>PROGRAM 20:</b> (TYPE NAME HERE)	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<u>685,202</u>	<u>5,829</u>	<u>811,293</u>	<u>5,078,874</u>	<u>223,696</u>	<u>26,121</u>	<u>39,592</u>	<u>6,870,607</u>

CONSERVATION COSTS PER PROGRAM - VARIANCE ACTUAL VERSUS PROJECTED  
APRIL 1998 THROUGH MARCH 1999

PROGRAM NAME	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTIS.	INCENTIV.	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
PROGRAM 1: RESIDENTIAL HM BUILDER	0	0	0	137,947	0	0	0	137,947
PROGRAM 2: ENERGY AUDITS	0	0	0	0	0	0	0	0
PROGRAM 3: WATER HEATER LOAD RET	0	0	0	(81,764)	0	0	0	(81,764)
PROGRAM 4: OIL HEATER REPLACEMENT	0	0	0	(22,723)	0	0	0	(22,723)
PROGRAM 5: SM PKG COGENERATION	0	0	0	0	0	0	0	0
PROGRAM 6: COMM ELECTRIC REPLACEMENT	0	0	0	148,583	0	0	0	148,583
PROGRAM 7: RES ELECTRIC REPLACEMENT	0	0	0	(476,193)	0	0	0	(476,193)
PROGRAM 8: COMMON COSTS	375,915	(4,005)	444,265	0	63,431	26,121	(84,879)	820,848
PROGRAM 9: GAS SPACE COND.	0	0	0	(13,736)	0	0	0	(13,736)
PROGRAM 10: MONITORING & RESEARCH	0	0	0	0	0	0	0	0
PROGRAM 11: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 12: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 13: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 14: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 15: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 16: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 17: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 18: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 19: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 20: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>375,915</b>	<b>(4,005)</b>	<b>444,265</b>	<b>(307,887)</b>	<b>63,431</b>	<b>26,121</b>	<b>(84,879)</b>	<b>512,961</b>

( ) REFELCTS PROJECTED OVER ACTUAL EXPENSE ESTIMATES

**ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION  
SUMMARY OF EXPENSES BY PROGRAM BY MONTH  
APRIL 1998 THROUGH MARCH 1999**

EXPENSES:	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEPT 1998	OCT 1998	NOV 1998	DEC 1998	JAN 1999	FEB 1999	MAR 1999	TOTAL
PROGRAM 1:	215,978	188,008	187,420	406,003	217,170	199,180	482,685	380,847	283,860	623,085	439,957	479,380	4,103,572
PROGRAM 2:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 3:	15,300	13,800	6,900	5,675	2,900	8,900	11,600	12,700	13,800	20,400	17,200	24,300	153,475
PROGRAM 4:	2,310	1,650	2,200	660	1,980	1,650	1,320	1,980	1,320	3,630	2,640	2,310	23,650
PROGRAM 5:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 6:	3,000	6,745	5,742	9,181	13,857	4,302	20,440	4,432	192,925	1,240	1,200	9,480	272,544
PROGRAM 7:	36,485	25,585	46,140	28,783	14,572	19,400	25,510	41,178	36,676	39,632	45,018	68,308	427,284
PROGRAM 8:	22,680	23,496	23,264	37,640	30,814	30,249	434,286	87,259	221,081	299,954	363,876	217,136	1,791,733
PROGRAM 9:	0	490	900	15,000	900	0	9,000	2,760	54,825	9,375	0	5,100	98,350
PROGRAM 10:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 11:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 12:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 13:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 14:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 15:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 16:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 17:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 18:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 19:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 20:	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>295,752</b>	<b>259,773</b>	<b>272,566</b>	<b>502,941</b>	<b>282,192</b>	<b>263,681</b>	<b>984,841</b>	<b>531,155</b>	<b>804,487</b>	<b>997,315</b>	<b>869,891</b>	<b>806,013</b>	<b>6,870,607</b>
<b>LESS AMOUNT INCLUDED IN RATE BASE</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>RECOVERABLE CONSERVATION EXPENSES</b>	<b>295,752</b>	<b>259,773</b>	<b>272,566</b>	<b>502,941</b>	<b>282,192</b>	<b>263,681</b>	<b>984,841</b>	<b>531,155</b>	<b>804,487</b>	<b>997,315</b>	<b>869,891</b>	<b>806,013</b>	<b>6,870,607</b>



ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION  
APRIL 1998 THROUGH MARCH 1999

CONSERVATION REVENUES	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEPT 1998	OCT 1998	NOV 1998	DEC 1998	JAN 1999	FEB 1999	MAR 1999	TOTAL
1. RCS AUDIT FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
2. OTHER PROGRAM REVS	0	0	0	0	0	0	0	0	0	0	0	0	0
3. CONSERV. ADJ REVS	(577,017)	(458,281)	(405,300)	(371,031)	(358,013)	(351,678)	(360,525)	(387,505)	(471,911)	(675,203)	(619,198)	(669,040)	(5,704,702)
4. TOTAL REVENUES	(577,017)	(458,281)	(405,300)	(371,031)	(358,013)	(351,678)	(360,525)	(387,505)	(471,911)	(675,203)	(619,198)	(669,040)	(5,704,702)
5. PRIOR PERIOD TRUE-UP NOT APPLICABLE TO THIS PERIOD	(127,290)	(127,290)	(127,290)	(127,290)	(127,290)	(127,290)	(127,290)	(127,290)	(127,290)	(127,290)	(127,290)	(127,290)	(1,527,481)
6. CONSERVATION REVS APPLICABLE TO THE PERIOD	(704,307)	(585,571)	(532,590)	(498,321)	(485,303)	(478,968)	(487,815)	(514,795)	(599,201)	(802,493)	(746,488)	(796,330)	(7,232,183)
7. CONSERVATION EXPS (FROM CT-3, PAGE 1)	295,752	259,773	272,566	502,941	282,192	263,681	984,841	531,155	804,487	997,315	869,891	806,013	6,870,607
8. TRUE-UP THIS PERIOD	(408,555)	(325,798)	(260,024)	4,620	(203,111)	(215,287)	497,026	16,360	205,286	194,822	123,403	9,683	(361,576)
9. INTER. PROV. THIS PERIOD (FROM CT-3, PAGE 3)	(7,701)	(8,804)	(9,667)	(9,766)	(9,612)	(9,726)	(8,235)	(6,798)	(5,668)	(3,990)	(2,833)	(2,079)	(84,879)
10. TRUE-UP & INTER. PROV. BEGINNING OF MONTH	(1,527,481)	(1,816,447)	(2,023,759)	(2,166,160)	(2,044,016)	(2,129,448)	(2,227,172)	(1,611,091)	(1,474,239)	(1,147,330)	(829,208)	(581,349)	
11. PRIOR TRUE-UP COLLECTED/(REFUNDED)	127,290	127,290	127,290	127,290	127,290	127,290	127,290	127,290	127,290	127,290	127,290	127,290	
12. TOTAL NET TRUE-UP (SUM LINES 8+9+10+11)	(1,816,447)	(2,023,759)	(2,166,160)	(2,044,016)	(2,129,448)	(2,227,172)	(1,611,091)	(1,474,239)	(1,147,330)	(829,208)	(581,349)	(446,455)	(446,455)

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
APRIL 1998 THROUGH MARCH 1999

INTEREST PROVISION	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEPT 1998	OCT 1998	NOV 1998	DEC 1998	JAN 1999	FEB 1999	MAR 1999	TOTAL
1. BEGINNING TRUE-UP	(1,527,481)	(1,816,447)	(2,023,759)	(2,166,160)	(2,044,016)	(2,129,448)	(2,227,172)	(1,611,091)	(1,474,239)	(1,147,330)	(829,208)	(581,349)	
2. ENDING TRUE-UP BEFORE INTEREST	(1,808,746)	(2,014,955)	(2,156,493)	(2,034,250)	(2,119,837)	(2,217,445)	(1,602,856)	(1,467,440)	(1,141,663)	(825,218)	(578,516)	(444,376)	
3. TOTAL BEGINNING & ENDING TRUE-UP	(3,336,227)	(3,831,401)	(4,180,252)	(4,200,409)	(4,163,852)	(4,346,894)	(3,830,028)	(3,078,531)	(2,615,901)	(1,972,548)	(1,407,724)	(1,025,724)	
4. AVERAGE TRUE-UP (LINE 3 TIMES 50%)	(1,668,113)	(1,915,701)	(2,090,126)	(2,100,205)	(2,081,926)	(2,173,447)	(1,915,014)	(1,539,265)	(1,307,951)	(986,274)	(703,862)	(512,862)	
5. INTER. RATE - 1ST DAY OF REPORTING MONTH	5.550%	5.530%	5.500%	5.600%	5.560%	5.520%	5.220%	5.100%	5.500%	4.900%	4.810%	4.850%	
6. INTER. RATE - 1ST DAY OF SUBSEQUENT MONTH	5.530%	5.500%	5.600%	5.560%	5.520%	5.220%	5.100%	5.500%	4.900%	4.810%	4.850%	4.880%	
7. TOTAL (SUM LINES 5 & 6)	11.080%	11.030%	11.100%	11.160%	11.080%	10.740%	10.320%	10.600%	10.400%	9.710%	9.660%	9.730%	
8. AVG INTEREST RATE (LINE 7 TIMES 50%)	5.540%	5.515%	5.550%	5.580%	5.540%	5.370%	5.160%	5.300%	5.200%	4.855%	4.830%	4.865%	
9. MONTHLY AVG INTEREST RATE	0.462%	0.460%	0.463%	0.465%	0.462%	0.448%	0.430%	0.442%	0.433%	0.405%	0.403%	0.405%	
10. INTEREST PROVISION (LINE 4 TIMES LINE 9)	(7,701)	(8,804)	(9,667)	(9,766)	(9,612)	(9,726)	(8,235)	(6,798)	(5,668)	(3,990)	(2,833)	(2,079)	(84,879)

COMPANY:

PEOPLES GAS SYSTEM  
EXCEPT WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 1R)

April 1998 through March 1999

SCHEDULE OF CAPITAL INVESTMENTS, DEPRECIATION, AND RETURN

NOT APPLICABLE TO PEOPLES GAS SYSTEM

COMPANY:

PEOPLES GAS SYSTEM  
EXCEPT WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 1R)

FOR MONTHS: April 1998 through March 1999

RECONCILIATION AND EXPLANATION  
OF DIFFERENCES BETWEEN FILING AND THE FPSC AUDIT FOR THE PERIOD

**NOT APPLICABLE TO PEOPLES GAS SYSTEM**

COMPANY:

PEOPLES GAS SYSTEM  
EXCEPT WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 1R)

Program Progress Report

Reporting Period **APRIL 1998 THROUGH MARCH 1999**

Name: **Single Family Residential Home Builder Program**

**Descripti** This program is designed to increase the number of high priority natural gas customers in the new residential construction market. The Company offers incentives in the form of gas appliance piping and venting allowances to assist builders in defraying the additional cost associated with the installation of gas appliances.

<b>Program Allowances:</b>	Gas Water Heater.....	\$250
	Gas Furnace.....	\$250
	Gas Range.....	\$85
	Gas Dryer.....	\$85

**Program Summary**

<b>New Home Goal:</b>	5,919
<b>New Homes Connected:</b>	<u>6,125</u>
<b>Variance:</b>	(206)
<b>Percent of Goal:</b>	103.5%

Conservation Cost Variance - Actual Vs. Projected

Projected Cost:	\$3,965,625
Actual Cost:	\$4,103,572
Variance:	(\$137,947)

COMPANY:

PEOPLES GAS SYSTEM  
EXCEPT WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 1R)

Program Progress Report

Reporting Period **APRIL 1998 THROUGH MARCH 1999**

Name: **Residential Conservation Service Program**

**Descripti** This program is designed to assist our residential customers in conserving all forms of energy counsumption. Peoples has had contractual arrangements with private contractors to perform Class "A", Walk-Through and Mini-Walk Through Audits.

Customer Audit Charges:	Class "A" Audit.....	\$15
	Walk-Through Audit.....	No Charge
	Mini-Walk Through Audit .....	No Charge

**Program Summary**

Program Goal:	0
Program Accomplishments:	0
Variance:	0
Percent of Goal:	0.0%

The Company has not had a request for an energy audit during this period.

Conservation Cost Variance - Actual Vs. Projected

Projected Cost:	\$0
Actual Cost:	\$0
Variance:	\$0

COMPANY:

PEOPLES GAS SYSTEM  
EXCEPT WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 1R)

Program Progress Report

Reporting Period APRIL 1998 THROUGH MARCH 1999

Name: **Water Heater Load Retention Program**

**Descripti** This program is designed to discourage current natural gas customers from changing to electricity. The program offers allowances to customers to assist in defraying the cost of more expensive energy efficient appliances.

**Program Allowances:** Energy Efficient Gas Water Heater..... **\$100**

**Program Summary**

<b>Goals:</b>	2,352
<b>Actual:</b>	<u>1,535</u>
<b>Variance:</b>	818
<b>Percent of Goal:</b>	65.2%

Conservation Cost Variance - Actual Vs. Projected

<b>Projected Cost:</b>	<b>\$235,239</b>
<b>Actual Cost:</b>	<b>\$153,475</b>
<b>Variance:</b>	<b>\$81,764</b>

COMPANY:

PEOPLES GAS SYSTEM  
EXCEPT WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 1R)

**Program Progress Report**

Reporting Period **APRIL 1998 THROUGH MARCH 1999**

Name:

**Replacement of Oil Heating Program**

**Descripti** This program is designed to encourage customers to convert their existing Oil Burning Heating system to energy efficient natural gas heating so as to discourage those customers from switching to less costly resistance strip heating. The program offers allowances to defray the additional cost of installing gas appliances.

**Program Allowances:** Energy Efficient Gas Furnaces..... \$330

**Program Summary**

<b>Goals:</b>	<b>141</b>
<b>Actual:</b>	<b>72</b>
<b>Variance:</b>	<b>69</b>
<b>Percent of Goal:</b>	<b>51.0%</b>

**Conservation Cost Variance - Actual Vs. Projected**

<b>Projected Cost:</b>	<b>\$46,373</b>
<b>Actual Cost:</b>	<b>\$23,650</b>
<b>Variance:</b>	<b>\$22,723</b>



COMPANY:

PEOPLES GAS SYSTEM  
EXCEPT WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 1R)

**Program Progress Report**

Reporting Period **APRIL 1998 THROUGH MARCH 1999**

Name:

**Small Package Cogeneration Program**

**Descripti** This program is designed to promote the direct use of natural gas to generate on-site power and utilize the waste heat for on-site heating, cooling and water heating requirements for commercial and industrial applications. A cogeneration feasibility audit will be made available to commercial and industrial customers interested in workshops. Direct mail and personal contacts will be used to promote the cogeneration computer audit program and to assist Peoples customers in completing forms for the computer audit.

**Program Summary**

Goals:	0
Actual:	<u>0</u>
Variance:	0
Percent of Goal:	0.0%

**Conservation Cost Variance - Actual Vs. Projected**

Projected Cost:	\$0
Actual Cost:	\$0
Variance:	\$0

COMPANY:

PEOPLES GAS SYSTEM  
EXCEPT WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 1R)

Program Progress Report

Reporting Period: **APRIL 1998 THROUGH MARCH 1999**

Name: **Commercial Electric Replacement Program**

Description: This program is designed to encourage the replacement of electric resistance appliances in commercial establishments by offering piping and venting allowances to defray the additional cost of installing natural gas equipment.

Program Allowances: For every KW Displaced (KWD) ..... \$40  
 Each customer will be allowed a maximum of 100 KWD deferred or:

**Program Summary**

Program Goal:	12
Program Accomplishments:	27
Variance:	(15)
Percent of Goal:	219.9%

Conservation Cost Variance - Actual Vs. Projected

Projected Cost:	\$123,961
Actual Cost:	\$272,544
Variance:	(\$148,583)

( ) Reflects Overrecovery

COMPANY:

PEOPLES GAS SYSTEM  
EXCEPT WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 1R)

Program Progress Report

Reporting Period: **APRIL 1998 THROUGH MARCH 1999**

Name: **Residential Electric Replacement Program**

Description: This program is designed to encourage the replacement of electric resistance appliances in the residential market by offering piping and venting allowances to defray the additional cost of installing energy efficient natural gas appliances.

Program Allowances:	Natural Gas Water Heat.....	\$440
	Natural Gas Furnace.....	\$440
	Natural Gas Range.....	\$75
	Natural Gas Dryer.....	\$75
	Natural Gas Space Heat.....	\$65

**Program Summary**

Program Goal:	2,101
Program Accomplishments:	<u>1,214</u>
Variance:	887
Percent of Goal:	57.8%

Conservation Cost Variance - Actual Vs. Projected

Projected Cost:	\$903,477
Actual Cost:	\$427,284
Variance:	\$476,193

( ) Reflects Overrecovery

COMPANY:

PEOPLES GAS SYSTEM  
EXCEPT WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 1R)

Program Progress Report

Reporting Period: **APRIL 1998 THROUGH MARCH 1999**

Name:

**Energy Conservation Common Cost**

Conservation Cost Variance - Actual Vs. Projected

Projected Cost:	\$970,885
Actual Cost:	\$1,791,733
Variance:	(\$820,848)

COMPANY:

PEOPLES GAS SYSTEM  
EXCEPT WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 1R)

**Program Progress Report**

Reporting Period: **APRIL 1998 THROUGH MARCH 1999**

Name:

**Gas Space Conditioning Program**

**Description:** This program is designed to convert on-main customers from electric space conditioning equipment to energy efficient natural gas space conditioning. The program offers piping and venting allowances to reduce the generally higher cost of installing gas space conditioning equipment. This program would also reduce summer as well as winter peak demand and contribute to the conservation of KWH / KWD consumption.

**Program Allowance:** Each customer is allowed 100 tons maximum paid allowance/installation at: **\$150 /ton**

**Program Summary**

<b>Goals:</b>	747
<b>Actual:</b>	<u>656</u>
<b>Variance:</b>	92
<b>Percent of Goal:</b>	87.7%

**Conservation Cost Variance - Actual Vs. Projected**

<b>Projected Cost:</b>	<b>\$112,086</b>
<b>Actual Cost:</b>	<b>\$98,350</b>
<b>Variance:</b>	<b>\$13,736</b>

COMPANY:

PEOPLES GAS SYSTEM  
EXCEPT WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 1R)

**Program Progress Report**

**Reporting Period: APRIL 1998 THROUGH MARCH 1999**

**Name:**

**Program Monitoring, Evaluation and Reaserch Demonstration**

**Program Summary:**

The projected costs and benefits of Peoples' energy conservation programs will be affected not only by the numbers of participating customers and the extent of their participation, but also by the assumptions used in estimating costs and savings to be derived from the programs.

**Conservation Cost Variance - Actual Vs. Projected**

<b>Projected Cost:</b>	<b>\$0</b>
<b>Actual Cost:</b>	<b>\$0</b>
<b>Variance:</b>	<b>\$0</b>

SCHEDULE CT-1

COMPANY: PEOPLES GAS SYSTEM  
WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 2R)

**ADJUSTED NET TRUE-UP  
APRIL 1998 THROUGH MARCH 1999**

**END OF PERIOD NET TRUE-UP**

PRINCIPAL	(185,571)	
INTEREST	<u>(19,166)</u>	(204,737)

**LESS PROJECTED TRUE-UP**

PRINCIPAL	(485,413)	
INTEREST	<u>(21,579)</u>	<u>(506,992)</u>

ADJUSTED NET TRUE-UP		<u>302,255</u>
----------------------	--	----------------

( ) REFLECTS OVER-RECOVERY

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990002-EG EXHIBIT NO. 13  
COMPANY  
WITNESSED: Nancy Jensenfeld  
DATE: 8-11-27-99

COMPANY:

PEOPLES GAS SYSTEM  
WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 2R)

**ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VERSUS ESTIMATED  
APRIL 1998 THROUGH MARCH 1999**

	<u>ACTUAL</u>	<u>PROJECTED*</u>	<u>DIFFERENCE</u>
CAPITAL INVESTMENT	0	0	0
PAYROLL & BENEFITS	60,486	54,290	6,196
MATERIALS & SUPPLIES	747	417	330
ADVERTISING	272,190	140,091	132,099
INCENTIVES	430,354	354,849	75,505
OUTSIDE SERVICES	3,056	10,875	(7,819)
VEHICLES	0	0	0
OTHER	408	6,440	(6,032)
SUB-TOTAL	767,240	566,962	200,278
PROGRAM REVENUES	0	0	0
TOTAL PROGRAM COSTS	767,240	566,962	200,278
LESS:			
PAYROLL ADJUSTMENTS	0	0	0
AMOUNTS INCLUDED IN RATE BAS	0	0	0
CONSERVATION REVENUES APPLICABLE TO THE PERIOD	(952,811)	(357,250)	(595,561)
ROUNDING ADJUSTMENT	0	0	0
TRUE-UP BEFORE INTEREST	(185,571)	209,712	(395,283)
INTEREST PROVISION	(19,166)	(21,579)	2,413
END OF PERIOD TRUE-UP	(204,737)	188,133	(392,870)

( ) REFLECTS OVER-RECOVERY

\* 2 MONTHS ACTUAL AND 10 MONTHS PROJECTED



ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM  
APRIL 1998 THROUGH MARCH 1999

PROGRAM NAME	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTIS.	INCENTIV.	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
PROGRAM 1: RESIDENTIAL HM BUILDER	0	0	16,263	274,815	0	0	0	291,078
PROGRAM 2: ENERGY AUDITS	0	0	0	0	0	0	0	0
PROGRAM 3: WATER HEATER LOAD RET	0	0	2,382	39,320	0	0	0	41,702
PROGRAM 4: ESP PROGRAM	0	0	2,647	24,650	0	0	0	27,297
PROGRAM 5: SM PKG COGENERATION	0	0	0	0	0	0	0	0
PROGRAM 6: COMM ELECTRIC REPLACEMENT	0	0	29,760	13,859	0	0	0	43,619
PROGRAM 7: RES ELECTRIC REPLACEMENT	0	0	61,578	77,710	0	0	0	139,288
PROGRAM 8: COMMON COSTS	60,486	747	157,140	0	3,056	0	408	221,836
PROGRAM 9: GAS SPACE COND..	0	0	2,420	0	0	0	0	2,420
PROGRAM 10: MONITORING & RESEARCH	0	0	0	0	0	0	0	0
PROGRAM 11: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 12: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 13: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 14: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 15: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 16: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 17: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 18: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 19: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 20: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>60,486</b>	<b>747</b>	<b>272,190</b>	<b>430,354</b>	<b>3,056</b>	<b>0</b>	<b>408</b>	<b>767,240</b>

COMPANY: PEOPLES GAS SYSTEM  
WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System

CONSERVATION COSTS PER PROGRAM - VARIANCE ACTUAL VERSUS PROJECTED (BNN - 2R)  
APRIL 1998 THROUGH MARCH 1999

PROGRAM NAME	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTIS.	INCENTIV.	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
PROGRAM 1: RESIDENTIAL HM BUILDER	0	0	16,263	85,465	0	0	0	101,728
PROGRAM 2: ENERGY AUDITS	0	0	0	(22,052)	0	0	0	(22,052)
PROGRAM 3: WATER HEATER LOAD RET	0	0	2,382	6,370	0	0	0	8,752
PROGRAM 4: ESP PROGRAM	0	0	2,647	24,650	0	0	0	27,297
PROGRAM 5: SM PKG COGENERATION	0	0	0	0	0	0	0	0
PROGRAM 6: COMM ELECTRIC REPLACEMENT	0	0	29,760	(10,638)	0	0	0	19,122
PROGRAM 7: RES ELECTRIC REPLACEMENT	0	0	61,578	(790)	0	0	0	60,788
PROGRAM 8: COMMON COSTS	6,196	330	17,049	0	(7,819)	0	(6,032)	9,723
PROGRAM 9: GAS SPACE COND..	0	0	2,420	(7,500)	0	0	0	(5,080)
PROGRAM 10: MONITORING & RESEARCH	0	0	0	0	0	0	0	0
PROGRAM 11: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 12: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 13: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 14: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 15: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 16: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 17: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 18: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 19: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
PROGRAM 20: (TYPE NAME HERE)	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>6,196</b>	<b>330</b>	<b>132,099</b>	<b>75,505</b>	<b>(7,819)</b>	<b>0</b>	<b>(6,032)</b>	<b>200,278</b>

( ) REFELCTS PROJECTED OVER ACTUAL EXPENSE ESTIMATES

**ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION**  
**SUMMARY OF EXPENSES BY PROGRAM BY MONTH**  
**APRIL 1998 THROUGH MARCH 1999**

Peoples Gas System  
 (BNN - 2R)

EXPENSES:	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEPT 1998	OCT 1998	NOV 1998	DEC 1998	JAN 1999	FEB 1999	MAR 1999	TOTAL
PROGRAM 1:	23,755	7,186	11,240	17,611	11,400	3,974	2,680	12,063	23,400	19,275	52,680	105,814	291,078
PROGRAM 2:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 3:	1,950	3,800	2,050	1,250	4,450	2,700	2,000	2,920	7,128	3,254	4,200	6,000	41,702
PROGRAM 4:	950	2,250	1,350	1,900	1,500	2,900	1,150	3,910	2,250	3,210	1,950	3,977	27,297
PROGRAM 5:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 6:	0	2,319	4,903	716	325	6,980	4,288	10,244	6,554	25,900	(22,858)	4,247	43,619
PROGRAM 7:	9,688	6,517	9,014	14,470	5,050	15,509	3,150	7,075	26,666	9,190	21,340	11,619	139,288
PROGRAM 8:	11,335	6,367	7,430	3,381	3,351	13,764	10,043	17,446	34,376	20,811	48,800	44,732	221,836
PROGRAM 9:	0	0	0	0	0	0	0	1,210	0	1,210	0	0	2,420
PROGRAM 10:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 11:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 12:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 13:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 14:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 15:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 16:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 17:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 18:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 19:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 20:	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>47,678</b>	<b>28,440</b>	<b>35,987</b>	<b>39,328</b>	<b>26,076</b>	<b>45,827</b>	<b>23,311</b>	<b>54,868</b>	<b>100,374</b>	<b>82,851</b>	<b>106,112</b>	<b>176,390</b>	<b>767,240</b>
<b>LESS AMOUNT INCLUDED IN RATE BASE</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>RECOVERABLE CONSERVATION EXPENSES</b>	<b>47,678</b>	<b>28,440</b>	<b>35,987</b>	<b>39,328</b>	<b>26,076</b>	<b>45,827</b>	<b>23,311</b>	<b>54,868</b>	<b>100,374</b>	<b>82,851</b>	<b>106,112</b>	<b>176,390</b>	<b>767,240</b>

ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION  
APRIL 1998 THROUGH MARCH 1999

CONSERVATION REVENUES	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEPT 1998	OCT 1998	NOV 1998	DEC 1998	JAN 1999	FEB 1999	MAR 1999	TOTAL
1. RCS AUDIT FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
2. OTHER PROGRAM REVS	0	0	0	0	0	0	0	0	0	0	0	0	0
3. CONSERV. ADJ REVS	(59,617)	(43,269)	(36,165)	(32,314)	(33,229)	(28,379)	(38,307)	(35,576)	(56,086)	(102,503)	(59,866)	(70,250)	(595,561)
4. TOTAL REVENUES	(59,617)	(43,269)	(36,165)	(32,314)	(33,229)	(28,379)	(38,307)	(35,576)	(56,086)	(102,503)	(59,866)	(70,250)	(595,561)
5. PRIOR PERIOD TRUE-UP NOT APPLICABLE TO THIS PERIOD	(29,771)	(29,771)	(29,771)	(29,771)	(29,771)	(29,771)	(29,771)	(29,771)	(29,771)	(29,771)	(29,771)	(29,771)	(357,250)
6. CONSERVATION REVS APPLICABLE TO THE PERIOD	(89,388)	(73,040)	(65,936)	(62,085)	(63,000)	(58,150)	(68,078)	(65,347)	(85,857)	(132,274)	(89,637)	(100,021)	(952,811)
7. CONSERVATION EXPS (FROM CT-3, PAGE 1)	47,678	28,440	35,987	39,328	26,076	45,827	23,311	54,868	100,374	82,851	106,112	176,390	767,240
8. TRUE-UP THIS PERIOD	(41,710)	(44,600)	(29,949)	(22,757)	(36,924)	(12,323)	(44,767)	(10,479)	14,517	(49,423)	16,475	76,369	(185,571)
9. INTER. PROV. THIS PERIOD (FROM CT-3, PAGE 3)	(1,677)	(1,739)	(1,792)	(1,794)	(1,790)	(1,720)	(1,655)	(1,698)	(1,535)	(1,390)	(1,335)	(1,041)	(19,166)
10. TRUE-UP & INTER. PROV. BEGINNING OF MONTH	(357,250)	(370,866)	(387,433)	(389,404)	(384,184)	(393,127)	(377,400)	(394,051)	(376,457)	(333,705)	(354,747)	(309,836)	
11. PRIOR TRUE-UP COLLECTED/(REFUNDED)	29,771	29,771	29,771	29,771	29,771	29,771	29,771	29,771	29,771	29,771	29,771	29,771	
12. TOTAL NET TRUE-UP (SUM LINES 8+9+10+11)	(370,866)	(387,433)	(389,404)	(384,184)	(393,127)	(377,400)	(394,051)	(376,457)	(333,705)	(354,747)	(309,836)	(204,737)	(204,737)

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
APRIL 1998 THROUGH MARCH 1999

INTEREST PROVISION	APR 1998	MAY 1998	JUN 1998	JUL 1998	AUG 1998	SEPT 1998	OCT 1998	NOV 1998	DEC 1998	JAN 1999	FEB 1999	MAR 1999	TOTAL
1. BEGINNING TRUE-UP	(357,250)	(370,866)	(387,433)	(389,404)	(384,184)	(393,127)	(377,400)	(394,051)	(376,457)	(333,705)	(354,747)	(309,836)	
2. ENDING TRUE-UP BEFORE INTEREST	(369,189)	(385,695)	(387,611)	(382,390)	(391,337)	(375,680)	(392,396)	(374,759)	(332,169)	(353,357)	(308,501)	(203,696)	
3. TOTAL BEGINNING & ENDING TRUE-UP	(726,439)	(756,561)	(775,045)	(771,793)	(775,521)	(768,807)	(769,796)	(768,811)	(708,626)	(687,062)	(663,248)	(513,532)	
4. AVERAGE TRUE-UP (LINE 3 TIMES 50%)	(363,219)	(378,280)	(387,522)	(385,897)	(387,761)	(384,404)	(384,898)	(384,405)	(354,313)	(343,531)	(331,624)	(256,766)	
5. INTER. RATE - 1ST DAY OF REPORTING MONTH	5.550%	5.530%	5.500%	5.600%	5.560%	5.520%	5.220%	5.100%	5.500%	4.900%	4.810%	4.850%	
6. INTER. RATE - 1ST DAY OF SUBSEQUENT MONTH	5.530%	5.500%	5.600%	5.560%	5.520%	5.220%	5.100%	5.500%	4.900%	4.810%	4.850%	4.880%	
7. TOTAL (SUM LINES 5 & 6)	11.080%	11.030%	11.100%	11.160%	11.080%	10.740%	10.320%	10.600%	10.400%	9.710%	9.660%	9.730%	
8. AVG INTEREST RATE (LINE 7 TIMES 50%)	5.540%	5.515%	5.550%	5.580%	5.540%	5.370%	5.160%	5.300%	5.200%	4.855%	4.830%	4.865%	
9. MONTHLY AVG INTEREST RATE	0.462%	0.460%	0.463%	0.465%	0.462%	0.448%	0.430%	0.442%	0.433%	0.405%	0.403%	0.405%	
10. INTEREST PROVISION (LINE 4 TIMES LINE 9)	(1,677)	(1,739)	(1,792)	(1,794)	(1,790)	(1,720)	(1,655)	(1,698)	(1,535)	(1,390)	(1,335)	(1,041)	(19,166)

COMPANY: PEOPLES GAS SYSTEM  
WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 2R)

FOR MONTHS: APRIL 1998 THROUGH MARCH 1999

SCHEDULE OF CAPITAL INVESTMENTS, DEPRECIATION, AND RETURN

**NOT APPLICABLE TO PEOPLES GAS SYSTEM**

COMPANY: PEOPLES GAS SYSTEM  
WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 2R)

FOR MONTHS: APRIL 1998 THROUGH MARCH 1999

**RECONCILIATION AND EXPLANATION**  
OF DIFFERENCES BETWEEN FILING AND THE FPSC AUDIT FOR THE PERIOD

**NOT APPLICABLE TO PEOPLES GAS SYSTEM**

COMPANY: PEOPLES GAS SYSTEM  
WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 2R)

**Program Progress Report**

Reporting Period: **APRIL 1998 THROUGH MARCH 1999**

Name: **Residential Home Builder Program**

Description: This program is designed to increase the number of high priority natural gas customers in the new residential construction market. The Company offers incentives in the form of gas appliance piping and venting allowances to assist builders in defraying the additional cost associated with the installation of gas appliances.

Program Allowances:	Gas Water Heater.....	\$150
	Gas Furnace.....	\$250
	Gas Range.....	\$100
	Gas Dryer.....	\$100

**Program Summary**

New Home Goal:	316
New Homes Connected:	<u>485</u>
Variance:	(170)
Percent of Goal:	153.7%

**Conservation Cost Variance - Actual Vs. Projected**

Projected Cost:	\$189,350
Actual Cost:	\$291,078
Variance:	(\$101,728)

( ) Reflects Overrecovery



COMPANY: PEOPLES GAS SYSTEM  
WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 2R)

**Program Progress Report**

Reporting Period: **APRIL 1998 THROUGH MARCH 1999**

Name: **Residential Conservation Service Program**

Description: This program is designed to assist our residential customers in conserving all forms of energy consumption. Peoples has had contractual arrangements with private contractors to perform Class "A", Walk-Through and Mini-Walk Through Audits.

Customer Audit Charges:	Class "A" Audit.....	\$15
	Walk-Through Audit.....	No Charge
	Mini-Walk Through Audit .....	No Charge

**Program Summary**

Program Goal:	33
Program Accomplishments:	0
Variance:	<u>33</u>
Percent of Goal:	0.0%

The Company has not had a request for an energy audit during this period.

**Conservation Cost Variance - Actual Vs. Projected**

Projected Cost:	\$22,052
Actual Cost:	\$0
Variance:	\$22,052

( ) Reflects Overrecovery

**Program Progress Report**

Reporting Period: **APRIL 1998 THROUGH MARCH 1999**

Name: **Water Heater Load Retention Program**

Description: This program is designed to discourage current natural gas customers from changing to electricity. The program offers allowances to customers to assist in defraying the cost of more expensive energy efficient appliances.

Program Allowances: Energy Efficient Gas Water Heater..... \$100

**Program Summary**

Goals:	330
Actual:	<u>417</u>
Variance:	(88)
Percent of Goal:	126.6%

**Conservation Cost Variance - Actual Vs. Projected**

Projected Cost:	\$32,950
Actual Cost:	\$41,702
Variance:	(\$8,752)

( ) Reflects Overrecovery

**Program Progress Report**

Reporting Period: **APRIL 1998 THROUGH MARCH 1999**

Name: **Replacement of Oil Heating Program**

Description: This program is designed to encourage customers to convert their existing Oil Burning Heating system to energy efficient natural gas heating so as to discourage those customers from switching to less costly resistance strip heating. The program offers allowances to defray the additional cost of installing gas appliances.

Program Allowances: Energy Efficient Gas Furnaces..... \$500

**Program Summary**

Goals:	0
Actual:	<u>83</u>
Variance:	(83)
Percent of Goal:	NA

**Conservation Cost Variance - Actual Vs. Projected**

Projected Cost:	\$0
Actual Cost:	\$27,297
Variance:	(\$27,297)

( ) Reflects Overrecovery

COMPANY: PEOPLES GAS SYSTEM  
WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 2R)

**Program Progress Report**

**Reporting Period: APRIL 1998 THROUGH MARCH 1999**

**Name:**

**Small Package Cogeneration Program**

**Description:** This program is designed to promote the direct use of natural gas to generate on-site power and utilize the waste heat for on-site heating, cooling and water heating requirements for commercial and industrial applications. A cogeneration feasibility audit will be made available to commercial and industrial customers interested in workshops. Direct mail and personal contacts will be used to promote the cogeneration computer audit program and to assist Peoples customers in completing forms for the computer audit.

**Program Summary**

<b>Goals:</b>	0
<b>Actual:</b>	0
<b>Variance:</b>	0
<b>Percent of Goal:</b>	0.0%

**Conservation Cost Variance - Actual Vs. Projected**

<b>Projected Cost:</b>	\$0
<b>Actual Cost:</b>	\$0
<b>Variance:</b>	\$0

( ) Reflects Overrecovery

COMPANY: PEOPLES GAS SYSTEM  
WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 2R)

**Program Progress Report**

Reporting Period: **APRIL 1998 THROUGH MARCH 1999**

Name: **Commercial Electric Replacement Program**

Description: This program is designed to encourage the replacement of electric resistance appliances in commercial establishments by offering piping and venting allowances to defray the additional cost of installing natural gas equipment.

Program Allowances: For every KW Displaced (KWD) ..... \$30

**Program Summary**

Program Goal:	817
Program Accomplishments:	1,090
Variance:	<u>(274)</u>
Percent of Goal:	133.5%

**Conservation Cost Variance - Actual Vs. Projected**

Projected Cost:	\$24,497
Actual Cost:	\$43,619
Variance:	(\$19,122)

( ) Reflects Overrecovery

COMPANY: PEOPLES GAS SYSTEM  
WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 2R)

Program Progress Report

Reporting Period: **APRIL 1998 THROUGH MARCH 1999**

Name: **Residential Electric Replacement Program**

Description: This program is designed to encourage the replacement of electric resistance appliances in the residential market by offering piping and venting allowances to defray the additional cost of installing energy efficient natural gas appliances.

Program Allowances:	Natural Gas Water Heat.....	\$250
	Natural Gas Furnace.....	\$500
	Natural Gas Range.....	\$150
	Natural Gas Dryer.....	\$150
	Natural Gas Space Heat.....	\$150

**Program Summary**

Program Goal:	183
Program Accomplishments:	396
Variance:	(213)
Percent of Goal:	216.8%

Conservation Cost Variance - Actual Vs. Projected

Projected Cost:	\$78,500
Actual Cost:	\$139,288
Variance:	(\$60,788)

( ) Reflects Overrecovery

COMPANY: PEOPLES GAS SYSTEM  
WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 2R)

**Program Progress Report**

Reporting Period: **APRIL 1998 THROUGH MARCH 1999**

Name:

**Energy Conservation Common Cost**

**Conservation Cost Variance - Actual Vs. Projected**

Projected Cost:	\$212,113
Actual Cost:	\$221,836
Variance:	(\$9,723)

( ) Reflects Overrecovery

COMPANY: PEOPLES GAS SYSTEM  
WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 2R)

Program Progress Report

Reporting Period: **APRIL 1998 THROUGH MARCH 1999**

Name: **Gas Space Conditioning Program**

Description: This program is designed to convert on-main customers from electric space conditioning equipment to energy efficient natural gas space conditioning. The program offers piping and venting allowances to reduce the generally higher cost of installing gas space conditioning equipment. This program would also reduce summer as well as winter peak demand and contribute to the conservation of KWH / KWD consumption.

Program Allowance: Each customer is allowed 100 tons maximum paid allowance/installation at: \$100 /ton

**Program Summary**

Goals:	75
Actual:	<u>16</u>
Variance:	59
Percent of Goal:	21.5%

Conservation Cost Variance - Actual Vs. Projected

Projected Cost:	\$7,500
Actual Cost:	\$2,420
Variance:	\$5,080

( ) Reflects Overrecovery



COMPANY: PEOPLES GAS SYSTEM  
WEST FLORIDA REGION  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(BNN - 2R)

**Program Progress Report**

Reporting Period: **APRIL 1998 THROUGH MARCH 1999**

Name: **ENERGY SAVINGS PAYBACK (ESP) PROGRAM**

**Program Summary:** This program has been designed to promote replacement of standard gas appliances with energy efficient natural gas appliances and will focus on water heaters, central heaters, ranges and dryers. Installation allowances are added to the program to encourage customers to consider the extra expense of energy efficeint natural gas appliances i lieu of standard gas or electric appliances.

Installation allowance is \$50.00 per Appliance

**Conservation Cost Variance - Actual Vs. Projected**

Projected Cost:	\$0
Actual Cost:	\$0
Variance:	\$0

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1R)

ENERGY CONSERVATION ADJUSTMENT  
SUMMARY OF COST RECOVERY CLAUSE CALCULATION  
MONTHS: January 2000 Through December 2000

1. TOTAL INCREMENTAL COSTS (SCHEDULE C-2, PAGE 1)	10,426,620
2. TRUE-UP (SCHEDULE C-3, PAGE 4, LINE 11)	(301,480)
3. TOTAL (LINE 1 AND LINE 2)	10,125,140

RATE SCHEDULE	BILLS	THERMS	CUSTOMER CHARGE	NON-GAS ENERGY CHARGE	TOTAL CUST. & ENGY CHG REVENUE	ECCR REVENUES	ECCR AS % OF TOTAL REVENUES	DOLLARS THERM	TAX FACTOR	CONSERV FACTOR
RESIDENTIAL	2,389,615	43,889,549	16,727,305	18,046,066	34,773,371	3,536,637	10.17053%	0.08058	1.00503	0.08099
SMALL COMMERCIAL	60,791	2,771,857	911,865	935,169	1,847,034	187,853	10.17053%	0.06777	1.00503	0.06811
COMMERCIAL	221,366	111,913,558	3,763,222	27,277,811	31,041,033	3,157,039	10.17053%	0.02821	1.00503	0.02835
COMM. LGE VOL I	32,220	126,675,806	805,500	27,691,331	28,496,831	2,898,280	10.17053%	0.02288	1.00503	0.02299
COMM. LGE VOL II	884	19,825,887	39,780	3,202,872	3,242,652	329,795	10.17053%	0.01663	1.00503	0.01672
STREET LIGHTING	981	1,042,705	0	98,504.00	98,504	10,018	10.17053%	0.00961	1.00503	0.00966
NGVS	235	730,805	5,875	48,379	54,254	5,518	10.17053%	0.00755	1.00503	0.00759
TOTAL	2,706,092	306,850,167	22,253,547	77,300,132	99,553,679	10,125,140				

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990003-EG EXHIBIT NO. 14  
COMPANY: Peoples Gas System  
WITNESS: J. J. [Signature]  
DATE: 11-22-99



Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1R)

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM  
January 2000 Through December 2000

PROGRAM	CAPITAL INVEST	PYROLL & BENEFITS	MATERLS. & SUPPLIES	ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
1 HOME BUILDER PROGRAM	0	0	0	0	6,000,000	0	0	0	6,000,000
2 WATER HEATER LOAD RETENTION	0	0	0	0	220,500	0	0	0	220,500
3 OIL HEAT REPLACEMENT	0	0	0	0	40,500	0	0	0	40,500
4 SMALL PKG COGEN	0	0	0	0	0	0	0	0	0
5 COMM ELECTRIC REPLACEMENT	0	0	0	0	144,000	0	0	0	144,000
6 RES ELECTRIC REPLACEMENT	0	0	0	0	1,500,000	0	0	0	1,500,000
7 COMMON COSTS	0	725,120	12,000	1,500,000	0	100,000	15,000	75,000	2,427,120
8 GAS SPACE CONDITIONING	0	0	0	0	94,500	0	0	0	94,500
9 N/A	0	0	0	0	0	0	0	0	0
10 N/A	0	0	0	0	0	0	0	0	0
<b>PROGRAM COSTS</b>	<b>0</b>	<b>725,120</b>	<b>12,000</b>	<b>1,500,000</b>	<b>7,999,500</b>	<b>100,000</b>	<b>15,000</b>	<b>75,000</b>	<b>10,426,620</b>

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1R)

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM  
April 1999 Through December 1999

PROGRAM	CAPITAL INVEST	PYROLL & BENEFITS	MATERLS. & SUPPLIES	ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
<b>1 HOME BUILDER PROGRAM</b>									
A. ACTUAL	0	0	0	0	1,584,691	0	0	0	1,584,691
B. ESTIMATED	0	0	0	0	1,666,664	0	0	0	1,666,664
C. TOTAL	0	0	0	0	3,251,355	0	0	0	3,251,355
<b>2 WATER HEATER LOAD RETENTION</b>									
A. ACTUAL	0	0	0	0	84,380	0	0	0	84,380
B. ESTIMATED	0	0	0	0	80,000	0	0	0	80,000
C. TOTAL	0	0	0	0	164,380	0	0	0	164,380
<b>3 OIL HEAT REPLACEMENT</b>									
A. ACTUAL	0	0	0	0	3,630	0	0	0	3,630
B. ESTIMATED	0	0	0	0	20,000	0	0	0	20,000
C. TOTAL	0	0	0	0	23,630	0	0	0	23,630
<b>4 SMALL PKG COGEN</b>									
A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
<b>5 COMM ELECTRIC REPLACEMENT</b>									
A. ACTUAL	0	0	0	0	40,945	0	0	0	40,945
B. ESTIMATED	0	0	0	0	48,000	0	0	0	48,000
C. TOTAL	0	0	0	0	88,945	0	0	0	88,945
<b>6 RES ELECTRIC REPLACEMENT</b>									
A. ACTUAL	0	0	0	0	170,988	0	0	0	170,988
B. ESTIMATED	0	0	0	0	240,000	0	0	0	240,000
C. TOTAL	0	0	0	0	410,988	0	0	0	410,988
<b>SUB-TOTAL</b>	0	0	0	0	3,939,298	0	0	0	3,939,298

Company: Peoples Gas System  
 Except West Florida Region  
 Exhibit No. \_\_\_\_\_  
 Docket No. 990002-EG  
 Peoples Gas System  
 (JBC-1R)

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM  
 April 1999 Through December 1999

PROGRAM NAME	CAPITAL INVEST	PYROLL & BENEFITS	MATERLS. & SUPPLIES	ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
SUB-TOTAL - PREVIOUS PAGE	0	0	0	0	3,939,298	0	0	0	3,939,298
7. COMMON COSTS									
A. ACTUAL	0	300,202	4,895	351,643	0	6,096	6,691	15,968	685,494
B. ESTIMATED	0	240,000	4,000	542,000	0	26,000	6,000	840,000	840,000
C. TOTAL	0	540,202	8,895	893,643	0	32,096	12,691	37,968	1,525,494
8. GAS SPACE CONDITIONING									
A. ACTUAL	0	0	0	0	15,450	0	0	0	15,450
B. ESTIMATED	0	0	0	0	33,332	0	0	0	33,332
C. TOTAL	0	0	0	0	48,782	0	0	0	48,782
9. (INSERT NAME)									
A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
10. (INSERT NAME)									
A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
11. (INSERT NAME)									
A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>540,202</b>	<b>8,895</b>	<b>893,643</b>	<b>3,988,080</b>	<b>32,096</b>	<b>12,691</b>	<b>37,968</b>	<b>5,513,574</b>

Company: **Peoples Gas System**  
**Except West Florida Region**  
 Exhibit No. \_\_\_\_\_  
 Docket No. 990002-EG  
**Peoples Gas System**  
**(JBC-1R)**

CONSERVATION PROGRAM COSTS BY PROGRAM  
 ACTUAL/ESTIMATED  
 April 1999 Through December 1999

PROGRAM NAME	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999				TOTAL
HOME BUILDER PROGRAM	501,650	231,275	327,235	198,036	326,495	416,666	416,666	416,666	416,666	0	0	0	3,251,355
WATER HEATER LOAD RETENTION	17,900	15,680	18,800	16,800	15,200	20,000	20,000	20,000	20,000	0	0	0	164,380
OIL HEAT REPLACEMENT	990	1,320	330	330	660	5,000	5,000	5,000	5,000	0	0	0	23,630
SMALL PKG COGEN	0	0	0	0	0	0	0	0	0	0	0	0	0
COMM ELECTRIC REPLACEMENT	12,920	7,010	645	13,400	6,970	12,000	12,000	12,000	12,000	0	0	0	88,945
RES ELECTRIC REPLACEMENT	44,680	33,198	37,575	30,035	25,500	60,000	60,000	60,000	60,000	0	0	0	410,988
COMMON COSTS	140,941	114,538	173,193	132,247	124,575	210,000	210,000	210,000	210,000	0	0	0	1,525,494
GAS SPACE CONDITIONING	0	15,000	0	0	450	8,333	8,333	8,333	8,333	0	0	0	48,782
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL ALL PROGRAMS</b>	<b>719,081</b>	<b>418,021</b>	<b>557,778</b>	<b>390,848</b>	<b>499,850</b>	<b>731,999</b>	<b>731,999</b>	<b>731,999</b>	<b>731,999</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,513,574</b>

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1R)

ENERGY CONSERVATION ADJUSTMENT  
April 1999 Through December 1999

	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999				TOTAL
CONSERVATION REVS.													
RCS AUDIT FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
a. OTHER PROG. REV.	0	0	0	0	0	0	0	0	0	0	0	0	0
b. CONSERV. ADJ. REV.	(719,459)	(593,135)	(558,430)	(535,676)	(502,890)	(609,128)	(609,128)	(609,128)	(609,128)	0	0	0	(5,346,102)
c.	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSERV. ADJ REV. (NET OF REV. TAXES)	(719,459)	(593,135)	(558,430)	(535,676)	(502,890)	(609,128)	(609,128)	(609,128)	(609,128)	0	0	0	(5,346,102)
TOTAL REVENUES	(719,459)	(593,135)	(558,430)	(535,676)	(502,890)	(609,128)	(609,128)	(609,128)	(609,128)	0	0	0	(5,346,102)
PRIOR PERIOD TRUE-UP NOT APPLIC. TO PERIOD	(49,606)	(49,606)	(49,606)	(49,606)	(49,606)	(49,606)	(49,606)	(49,606)	(49,606)	0	0	0	(446,455)
CONSERVATION REVS. APPLIC. TO PERIOD	(769,065)	(642,741)	(608,036)	(585,282)	(552,496)	(658,734)	(658,734)	(658,734)	(658,734)	0	0	0	(5,792,557)
CONSERVATION EXPS. (FORM C-3, PAGE 3)	719,081	418,021	557,778	390,848	499,850	731,999	731,999	731,999	731,999	0	0	0	5,513,574
TRUE-UP THIS PERIOD	(49,984)	(224,720)	(50,258)	(194,434)	(52,646)	73,265	73,265	73,265	73,265	0	0	0	(278,983)
INTEREST THIS PERIOD (C-3,PAGE 5)	(1,801)	(2,156)	(2,583)	(2,967)	(3,380)	(3,201)	(2,670)	(2,137)	(1,602)	0	0	0	(22,497)
TRUE-UP & INT. BEG. OF MONTH	(446,455)	(448,634)	(625,904)	(629,140)	(776,935)	(783,354)	(663,684)	(543,483)	(422,749)	0	0	0	
PRIOR TRUE-UP COLLECT./(REFUND.)	49,606	49,606	49,606	49,606	49,606	49,606	49,606	49,606	49,606	0	0	0	446,455
END OF PERIOD TOTAL NET TRUE-UP	(448,634)	(625,904)	(629,140)	(776,935)	(783,354)	(663,684)	(543,483)	(422,749)	(301,480)	0	0	0	(301,480)



CALCULATION OF TRUE-UP AND INTEREST PROVISION  
April 1999 Through December 1999

	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999				TOTAL
INTEREST PROVISION													
BEGINNING TRUE-UP	(446,455)	(448,634)	(625,904)	(629,140)	(776,935)	(783,354)	(663,684)	(543,483)	(422,749)	0	0	0	(422,749)
END. T-UP BEFORE INT.	(446,833)	(623,748)	(626,556)	(773,968)	(779,975)	(660,483)	(540,813)	(420,612)	(299,878)	0	0	0	167,472
TOT. BEG. & END. T-UP	(893,288)	(1,072,383)	(1,252,461)	(1,403,107)	(1,556,909)	(1,443,838)	(1,204,497)	(964,095)	(722,627)	0	0	0	(255,277)
AVERAGE TRUE-UP	(446,644)	(536,191)	(626,230)	(701,554)	(778,455)	(721,919)	(602,248)	(482,047)	(361,313)	0	0	0	(127,638)
INT. RATE-FIRST DAY OF REPORTING BUS. MTH	4.8800%	4.8000%	4.8500%	5.0500%	5.1000%	5.3200%	5.3200%	5.3200%	5.3200%	0.0000%	0.0000%	0.0000%	
INT. RATE-FIRST DAY OF SUBSEQUENT BUS. MTH	4.8000%	4.8500%	5.0500%	5.1000%	5.3200%	5.3200%	5.3200%	5.3200%	5.3200%	0.0000%	0.0000%	0.0000%	
TOTAL	9.6800%	9.6500%	9.9000%	10.1500%	10.4200%	10.6400%	10.6400%	10.6400%	10.6400%	0.0000%	0.0000%	0.0000%	
AVG INTEREST RATE	4.8400%	4.8250%	4.9500%	5.0750%	5.2100%	5.3200%	5.3200%	5.3200%	5.3200%	0.0000%	0.0000%	0.0000%	
MONTHLY AVG. RATE	0.4033%	0.4021%	0.4125%	0.4229%	0.4342%	0.4433%	0.4433%	0.4433%	0.4433%	0.0000%	0.0000%	0.0000%	
INTEREST PROVISION	(\$1,801)	(\$2,156)	(\$2,583)	(\$2,967)	(\$3,380)	(\$3,201)	(\$2,670)	(\$2,137)	(\$1,602)	\$0	\$0	\$0	(\$22,497)

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1R)

### Peoples Gas System

**Reporting:** APRIL 1999 THROUGH DECEMBER 1999

**Name:** Home Builder Program

**Description:** This Program is designed to increase the number of high priority natural gas customers in the new residential construction market. The Company offers incentives in the form of gas appliance piping and venting allowances to assist builders in defraying the additional cost associated with the gas appliance installation.

<b>Program Allowances:</b>	Gas Water Heater .....	\$250.00
	Gas Furnace .....	\$250.00
	Gas Range .....	\$85.00
	Gas Dryer .....	\$85.00

<b>Program Goals:</b>	Projected new home connections for this period:	<b>6,066</b>
	Actual connections to date this period:	<b>2,957</b>
	Percent of goal for the five (5) months:	<b>48.7%</b>

<b>Program Fiscal Expenditures:</b>	Estimated for period:	<b>\$3,251,355</b>
	Actual to date:	<b>\$1,584,691</b>

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1R)

### Peoples Gas System

**Reporting:** APRIL 1999 THROUGH DECEMBER 1999

**Name:** Water Heater Load Retention Program

**Description:** This Program is designed to discourage current natural gas costumers from changing to electricity. The program offers allowances to customers to assist in defraying the cost of more expensive energy efficient appliances.

**Program Allowances:** Energy Efficient Gas Water Heater . . . . . \$100.00

**Program Goals:** Projected connections for this period: 1,644

Actual connections to date this period: 844

Percent of goal for the five (5) months: 51.3%

**Program Fiscal Expenditures:** Estimated for period: \$164,380

Actual to date: \$84,380

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1R)

### Peoples Gas System

**Reporting:** APRIL 1999 THROUGH DECEMBER 1999

**Name:** Replacement of Oil Heating Program

**Description:** This Program is designed to encourage customers to convert their existing Oil Heating system to more energy efficient natural gas heating. Peoples' offers piping and venting allowances to defray the higher cost of installation of natural gas systems in hopes of preventing the customer from putting in less costly electric resistance strip heat.

**Program Allowance:** Energy Efficient Gas Furnaces . . . . . \$330.00

**Program Goals:** Projected new connections for this period: 72

Actual connections to date this period: 11

Percent of goal for the five (5) months: 15.4%

**Program Fiscal Expenditures:** Estimated for period: \$23,630

Actual to date: \$3,630



Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1R)

### Peoples Gas System

**Reporting:** APRIL 1999 THROUGH DECEMBER 1999

**Name:** Commercial Electric Replacement Program

**Description:** This Program is designed to encourage the replacement of electric resistance equipment in commercial establishments by offering piping and venting allowances to defray the additional cost of installing more energy efficient equipment.

**Program Allowances:** For every KW Displaced . . . . . \$40.00  
Each customer allowed a maximum of 100 KWD deferred

**Program Goals:** Projected KWD displaced this period: **2,224**  
Actual KWD displaced this period: **1,024**  
Percent of goal for the five (5) months: **46.0%**

**Program Fiscal Expenditures:** Estimated for period: **\$88,945**  
Actual to date: **\$40,945**

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1R)

### Peoples Gas System

Reporting: APRIL 1999 THROUGH DECEMBER 1999

Name: Residential Electric Replacement Program

Description: This program was designed to encourage the replacement of electric resistance appliances by offering piping and venting allowances to defray the additional cost of installing more energy efficient natural gas appliances.

<b>Program Allowances:</b>	Natural Gas Water Heater . . . . .	\$440.00
	Natural Gas Furnace . . . . .	\$440.00
	Natural Gas Range . . . . .	\$75.00
	Natural Gas Dryer . . . . .	\$75.00
	Natural Gas Space Heater . . . . .	\$65.00

<b>Program Goals:</b>	Projected new connections for this period:	<b>668</b>
	Actual connections to date this period:	<b>278</b>
	Percent of goal for the five (5) months:	<b>41.6%</b>

<b>Program Fiscal Expenditures:</b>	Estimated for period:	<b>\$410,988</b>
	Actual to date:	<b>\$170,988</b>

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1R)

**Peoples Gas System**

**Reporting:** APRIL 1999 THROUGH DECEMBER 1999

**Name:** Energy Conservation Common Costs

**Program Fiscal Expenditures:**

Estimated for period:	\$1,525,494
Actual to date:	\$685,494
Percent of budget for five (5) months:	44.9%



Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1R)

### Peoples Gas System

**Reporting:** APRIL 1999 THROUGH DECEMBER 1999

**Name:** Gas Space Conditioning Program

**Description:** This Program is designed to convert on-main customers from electric space conditioning equipment to energy efficient gas space conditioning. The program offers piping and venting allowances to reduce the generally higher cost of installing gas space conditioning equipment. This program would also reduce summer as well as winter peak demand and contribute to the conservation of KWH / KWD consumption.

**Program Allowance:** Each customer allowed 100 tons maximum paid allowance / installation a \$150.00 per ton

**Program Goals:** Projected connections this period: (tons) 325

Actual connections this period: (tons) 103

Percent of goal for the five (5) months: 31.7%

**Program Fiscal Expenditures:** Estimated for period: \$48,782

Actual to date: \$15,450

**Company:** Peoples Gas System  
**Except West Florida Region**  
**Exhibit No.** \_\_\_\_\_  
**Docket No.** 990002-EG  
**Peoples Gas System**  
**(JBC-1)**

ENERGY CONSERVATION ADJUSTMENT  
SUMMARY OF COST RECOVERY CLAUSE CALCULATION  
MONTHS: January 2000 Through December 2000

1. TOTAL INCREMENTAL COSTS (SCHEDULE C-2, PAGE 1)	10,426,620
2. TRUE-UP (SCHEDULE C-3, PAGE 4, LINE 11)	(258,618)
3. TOTAL (LINE 1 AND LINE 2)	10,168,002

RATE SCHEDULE	BILLS	THERMS	CUSTOMER CHARGE	NON-GAS ENERGY CHARGE	TOTAL CUST. & ENGY CHG REVENUE	ECCR REVENUES	ECCR AS % OF TOTAL REVENUES	DOLLARS THERM	TAX FACTOR	CONSERV FACTOR
RESIDENTIAL	2,389,615	43,889,549	16,727,305	18,046,066	34,773,371	3,551,609	10.21359%	0.08092	1.00503	0.08133
SMALL COMMERCIAL	60,791	2,771,857	911,865	935,169	1,847,034	188,648	10.21359%	0.06806	1.00503	0.06840
COMMERCIAL	221,366	111,913,558	3,763,222	27,277,811	31,041,033	3,170,403	10.21359%	0.02833	1.00503	0.02847
COMM. LGE VOL I	32,220	126,675,806	805,500	27,691,331	28,496,831	2,910,549	10.21359%	0.02298	1.00503	0.02309
COMM. LGE VOL II	884	19,825,887	39,780	3,202,872	3,242,652	331,191	10.21359%	0.01670	1.00503	0.01679
STREET LIGHTING	981	1,042,705	0	98,504.00	98,504	10,061	10.21359%	0.00965	1.00503	0.00970
NGVS	235	730,805	5,875	48,379	54,254	5,541	10.21359%	0.00758	1.00503	0.00762
<b>TOTAL</b>	<b>2,706,092</b>	<b>306,850,167</b>	<b>22,253,547</b>	<b>77,300,132</b>	<b>99,553,679</b>	<b>10,168,002</b>				



Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1)

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM  
January 2000 Through December 2000

PROGRAM	CAPITAL INVEST	PYROLL & BENEFITS	MATERLS. & SUPPLIES	ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
1 HOME BUILDER PROGRAM	0	0	0	0	6,000,000	0	0	0	6,000,000
2 WATER HEATER LOAD RETENTION	0	0	0	0	220,500	0	0	0	220,500
3 OIL HEAT REPLACEMENT	0	0	0	0	40,500	0	0	0	40,500
4 SMALL PKG COGEN	0	0	0	0	0	0	0	0	0
5 COMM ELECTRIC REPLACEMENT	0	0	0	0	144,000	0	0	0	144,000
6 RES ELECTRIC REPLACEMENT	0	0	0	0	1,500,000	0	0	0	1,500,000
7 COMMON COSTS	0	725,120	12,000	1,500,000	0	100,000	15,000	75,000	2,427,120
8 GAS SPACE CONDITIONING	0	0	0	0	94,500	0	0	0	94,500
9 N/A	0	0	0	0	0	0	0	0	0
10 N/A	0	0	0	0	0	0	0	0	0
<b>PROGRAM COSTS</b>	<b>0</b>	<b>725,120</b>	<b>12,000</b>	<b>1,500,000</b>	<b>7,999,500</b>	<b>100,000</b>	<b>15,000</b>	<b>75,000</b>	<b>10,426,620</b>

Company: Peoples Gas System  
 Except West Florida Region  
 Exhibit No. \_\_\_\_\_  
 Docket No. 990002-EG  
 Peoples Gas System  
 (JBC-1)

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM  
 January 1999 Through December 1999

PROGRAM	CAPITAL INVEST	PYROLL & BENEFITS	MATERLS. & SUPPLIES	ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
<b>1 HOME BUILDER PROGRAM</b>									
A. ACTUAL	0	0	0	0	3,127,113	0	0	0	3,127,113
B. ESTIMATED	0	0	0	0	1,666,664	0	0	0	1,666,664
C. TOTAL	0	0	0	0	4,793,777	0	0	0	4,793,777
<b>2 WATER HEATER LOAD RETENTION</b>									
A. ACTUAL	0	0	0	0	146,280	0	0	0	146,280
B. ESTIMATED	0	0	0	0	80,000	0	0	0	80,000
C. TOTAL	0	0	0	0	226,280	0	0	0	226,280
<b>3 OIL HEAT REPLACEMENT</b>									
A. ACTUAL	0	0	0	0	12,210	0	0	0	12,210
B. ESTIMATED	0	0	0	0	20,000	0	0	0	20,000
C. TOTAL	0	0	0	0	32,210	0	0	0	32,210
<b>4 SMALL PKG COGEN</b>									
A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
<b>5 COMM ELECTRIC REPLACEMENT</b>									
A. ACTUAL	0	0	0	0	52,865	0	0	0	52,865
B. ESTIMATED	0	0	0	0	48,000	0	0	0	48,000
C. TOTAL	0	0	0	0	100,865	0	0	0	100,865
<b>6 RES ELECTRIC REPLACEMENT</b>									
A. ACTUAL	0	478,892	6,773	0	323,944	0	0	0	323,944
B. ESTIMATED	0	240,000	4,000	0	240,000	0	0	0	240,000
C. TOTAL	0	718,892	10,773	0	563,944	0	0	0	563,944
<b>SUB-TOTAL</b>	<b>0</b>	<b>718,892</b>	<b>10,773</b>	<b>0</b>	<b>5,717,076</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,717,076</b>

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1)

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM  
January 1999 Through December 1999

PROGRAM NAME	CAPITAL INVEST	PYROLL & BENEFITS	MATERLS. & SUPPLIES	ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
SUB-TOTAL - PREVIOUS PAGE	0	718,892	10,773	0	5,717,076	0	0	0	5,717,076
<b>7. COMMON COSTS</b>									
A. ACTUAL	0	478,892	6,773	1,027,373	0	51,538	11,171	31,168	1,606,916
B. ESTIMATED	0	240,000	4,000	542,000	0	26,000	6,000	840,000	840,000
C. TOTAL	0	718,892	10,773	1,569,373	0	77,538	17,171	53,168	2,446,916
<b>8. GAS SPACE CONDITIONING</b>									
A. ACTUAL	0	0	29,925	0	29,925	0	0	0	29,925
B. ESTIMATED	0	0	33,332	0	33,332	0	0	0	33,332
C. TOTAL	0	0	63,257	0	63,257	0	0	0	63,257
<b>9. (INSERT NAME)</b>									
A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
<b>10. (INSERT NAME)</b>									
A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
<b>11. (INSERT NAME)</b>									
A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>1,437,784</b>	<b>84,804</b>	<b>1,569,373</b>	<b>5,780,333</b>	<b>77,538</b>	<b>17,171</b>	<b>53,168</b>	<b>8,227,249</b>

Company: **Peoples Gas System**  
**Except West Florida Region**  
 Exhibit No. \_\_\_\_\_  
 Docket No. 990002-EG  
**Peoples Gas System**  
**(JBC-1)**

CONSERVATION PROGRAM COSTS BY PROGRAM  
 ACTUAL/ESTIMATED  
 January 1999 Through December 1999

PROGRAM NAME	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999	TOTAL
HOME BUILDER PROGRAM	623,085	439,957	479,380	501,650	231,275	327,235	198,036	326,495	416,666	416,666	416,666	416,666	4,793,777
WATER HEATER LOAD RETENTION	20,400	17,200	24,300	17,900	15,680	18,800	16,800	15,200	20,000	20,000	20,000	20,000	226,280
OIL HEAT REPLACEMENT	3,630	2,640	2,310	990	1,320	330	330	660	5,000	5,000	5,000	5,000	32,210
SMALL PKG COGEN	0	0	0	0	0	0	0	0	0	0	0	0	0
COMM ELECTRIC REPLACEMENT	1,240	1,200	9,480	12,920	7,010	645	13,400	6,970	12,000	12,000	12,000	12,000	100,865
RES ELECTRIC REPLACEMENT	39,631	45,018	68,307	44,680	33,198	37,575	30,035	25,500	60,000	60,000	60,000	60,000	563,944
COMMON COSTS	299,954	385,893	235,575	140,941	114,538	173,193	132,247	124,575	210,000	210,000	210,000	210,000	2,446,916
GAS SPACE CONDITIONING	9,375	0	5,100	0	15,000	0	0	450	8,333	8,333	8,333	8,333	63,257
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL ALL PROGRAMS</b>	<b>997,315</b>	<b>891,908</b>	<b>824,452</b>	<b>719,081</b>	<b>418,021</b>	<b>557,778</b>	<b>390,848</b>	<b>499,850</b>	<b>731,999</b>	<b>731,999</b>	<b>731,999</b>	<b>731,999</b>	<b>8,227,249</b>

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1)

ENERGY CONSERVATION ADJUSTMENT  
January 1999 Through December 1999

	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999	TOTAL
CONSERVATION REVS.													
RCS AUDIT FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
a. OTHER PROG. REV.	0	0	0	0	0	0	0	0	0	0	0	0	0
b. CONSERV. ADJ. REV.	(675,203)	(619,198)	(669,040)	(719,459)	(593,135)	(558,430)	(535,676)	(502,890)	(609,128)	(609,128)	(609,128)	(609,128)	(7,309,543)
c.	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSERV. ADJ REV. (NET OF REV. TAXES)	(675,203)	(619,198)	(669,040)	(719,459)	(593,135)	(558,430)	(535,676)	(502,890)	(609,128)	(609,128)	(609,128)	(609,128)	(7,309,543)
TOTAL REVENUES	(675,203)	(619,198)	(669,040)	(719,459)	(593,135)	(558,430)	(535,676)	(502,890)	(609,128)	(609,128)	(609,128)	(609,128)	(7,309,543)
PRIOR PERIOD TRUE-UP NOT APPLIC. TO PERIOD	(95,560)	(95,560)	(95,560)	(95,560)	(95,560)	(95,560)	(95,560)	(95,560)	(95,560)	(95,560)	(95,560)	(95,560)	(1,146,718)
CONSERVATION REVS. APPLIC. TO PERIOD	(770,763)	(714,758)	(764,600)	(815,019)	(688,695)	(653,990)	(631,236)	(598,450)	(704,688)	(704,688)	(704,688)	(704,688)	(8,456,261)
CONSERVATION EXPS. (FORM C-3, PAGE 3)	997,315	891,908	824,452	719,081	418,021	557,778	390,848	499,850	731,999	731,999	731,999	731,999	8,227,249
TRUE-UP THIS PERIOD	226,552	177,150	59,852	(95,938)	(270,674)	(96,212)	(240,388)	(98,600)	27,311	27,311	27,311	27,311	(229,012)
INTEREST THIS PERIOD (C-3,PAGE 5)	(3,988)	(2,786)	(1,950)	(1,635)	(1,989)	(2,412)	(2,790)	(3,198)	(3,014)	(2,482)	(1,949)	(1,413)	(29,606)
TRUE-UP & INT. BEG. OF MONTH	(1,146,718)	(828,594)	(558,670)	(405,208)	(407,221)	(584,325)	(587,388)	(735,007)	(741,244)	(621,387)	(500,999)	(380,076)	
PRIOR TRUE-UP COLLECT./(REFUND.)	95,560	95,560	95,560	95,560	95,560	95,560	95,560	95,560	95,560	95,560	95,560	95,560	1,146,718
END OF PERIOD TOTAL NET TRUE-UP	(828,594)	(558,670)	(405,208)	(407,221)	(584,325)	(587,388)	(735,007)	(741,244)	(621,387)	(500,999)	(380,076)	(258,618)	(258,618)



Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1)

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
January 1999 Through December 1999

	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999	TOTAL
INTEREST PROVISION													
BEGINNING TRUE-UP	(1,146,718)	(828,594)	(558,670)	(405,208)	(407,221)	(584,325)	(587,388)	(735,007)	(741,244)	(621,387)	(500,999)	(380,076)	(380,076)
END. T-UP BEFORE INT.	(824,606)	(555,884)	(403,258)	(405,586)	(582,335)	(584,977)	(732,216)	(738,047)	(618,373)	(498,516)	(378,128)	(257,205)	917,706
TOT. BEG. & END. T-UP	(1,971,324)	(1,384,478)	(961,928)	(810,794)	(989,556)	(1,169,301)	(1,319,604)	(1,473,053)	(1,359,618)	(1,119,903)	(879,126)	(637,282)	537,630
AVERAGE TRUE-UP	(985,662)	(692,239)	(480,964)	(405,397)	(494,778)	(584,651)	(659,802)	(736,527)	(679,809)	(559,952)	(439,563)	(318,641)	268,815
INT. RATE-FIRST DAY OF REPORTING BUS. MTH	4.9000%	4.8100%	4.8500%	4.8800%	4.8000%	4.8500%	5.0500%	5.1000%	5.3200%	5.3200%	5.3200%	5.3200%	
INT. RATE-FIRST DAY OF SUBSEQUENT BUS. MTH	4.8100%	4.8500%	4.8800%	4.8000%	4.8500%	5.0500%	5.1000%	5.3200%	5.3200%	5.3200%	5.3200%	5.3200%	
TOTAL	9.7100%	9.6600%	9.7300%	9.6800%	9.6500%	9.9000%	10.1500%	10.4200%	10.6400%	10.6400%	10.6400%	10.6400%	
AVG INTEREST RATE	4.8550%	4.8300%	4.8650%	4.8400%	4.8250%	4.9500%	5.0750%	5.2100%	5.3200%	5.3200%	5.3200%	5.3200%	
MONTHLY AVG. RATE	0.4046%	0.4025%	0.4054%	0.4033%	0.4021%	0.4125%	0.4229%	0.4342%	0.4433%	0.4433%	0.4433%	0.4433%	
INTEREST PROVISION	(\$3,988)	(\$2,786)	(\$1,950)	(\$1,635)	(\$1,989)	(\$2,412)	(\$2,790)	(\$3,198)	(\$3,014)	(\$2,482)	(\$1,949)	(\$1,413)	(\$29,606)

Company: Peoples Gas System  
 Except West Florida Region  
 Exhibit No. \_\_\_\_\_  
 Docket No. 990002-EG  
 Peoples Gas System  
 (JBC-1)

**Peoples Gas System**

**Reporting:** JANUARY 1999 THROUGH DECEMBER 1999

**Name:** Home Builder Program

**Description:** This Program is designed to increase the number of high priority natural gas customers in the new residential construction market. The Company offers incentives in the form of gas appliance piping and venting allowances to assist builders in defraying the additional cost associated with the gas appliance installation.

<b>Program Allowances:</b>	Gas Water Heater .....	\$250.00
	Gas Furnace .....	\$250.00
	Gas Range .....	\$85.00
	Gas Dryer .....	\$85.00

<b>Program Goals:</b>	Projected new home connections for this period:	<b>8,944</b>
	Actual connections to date this period:	<b>5,834</b>
	Percent of goal for the eight (8) months:	<b>65.2%</b>

<b>Program Fiscal Expenditures:</b>	Estimated for period:	<b>\$4,793,777</b>
	Actual to date:	<b>\$3,127,113</b>

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1)

### Peoples Gas System

**Reporting:** JANUARY 1999 THROUGH DECEMBER 1999

**Name:** Water Heater Load Retention Program

**Description:** This Program is designed to discourage current natural gas customers from changing to electricity. The program offers allowances to customers to assist in defraying the cost of more expensive energy efficient appliances.

**Program Allowances:** Energy Efficient Gas Water Heater . . . . . \$100.00

**Program Goals:** Projected connections for this period: 2,263

Actual connections to date this period: 1,463

Percent of goal for the eight (8) months: 64.6%

**Program Fiscal Expenditures:** Estimated for period: \$226,280

Actual to date: \$146,280

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1)

### Peoples Gas System

**Reporting:** JANUARY 1999 THROUGH DECEMBER 1999

**Name:** Replacement of Oil Heating Program

**Description:** This Program is designed to encourage customers to convert their existing Oil Heating system to more energy efficient natural gas heating. Peoples' offers piping and venting allowances to defray the higher cost of installation of natural gas systems in hopes of preventing the customer from putting in less costly electric resistance strip heat.

**Program Allowance:** Energy Efficient Gas Furnaces . . . . . \$330.00

**Program Goals:** Projected new connections for this period: 98

Actual connections to date this period: 37

Percent of goal for the eight (8) months: 37.9%

**Program Fiscal Expenditures:** Estimated for period: \$32,210

Actual to date: \$12,210



Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1)

### Peoples Gas System

**Reporting:** JANUARY 1999 THROUGH DECEMBER 1999

**Name:** Commercial Electric Replacement Program

**Description:** This Program is designed to encourage the replacement of electric resistance equipment in commercial establishments by offering piping and venting allowances to defray the additional cost of installing more energy efficient equipment.

**Program Allowances:** For every KW Displaced . . . . . \$40.00  
Each customer allowed a maximum of 100 KWD deferred

**Program Goals:** Projected KWD displaced this period: 2,522  
Actual KWD displaced this period: 1,322  
Percent of goal for the eight (8) months: 52.4%

**Program Fiscal Expenditures:** Estimated for period: \$100,865  
Actual to date: \$52,865

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1)

### Peoples Gas System

**Reporting:** JANUARY 1999 THROUGH DECEMBER 1999

**Name:** Residential Electric Replacement Program

**Description:** This program was designed to encourage the replacement of electric resistance appliances by offering piping and venting allowances to defray the additional cost of installing more energy efficient natural gas appliances.

<b>Program Allowances:</b>	Natural Gas Water Heater .....	\$440.00
	Natural Gas Furnace .....	\$440.00
	Natural Gas Range .....	\$75.00
	Natural Gas Dryer .....	\$75.00
	Natural Gas Space Heater .....	\$65.00

<b>Program Goals:</b>	Projected new connections for this period:	917
	Actual connections to date this period:	527
	Percent of goal for the eight (8) months:	57.4%

<b>Program Fiscal Expenditures:</b>	Estimated for period:	\$563,944
	Actual to date:	\$323,944

Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1)

**Peoples Gas System**

**Reporting:** JANUARY 1999 THROUGH DECEMBER 1999

**Name:** Energy Conservation Common Costs

**Program Fiscal Expenditures:**

Estimated for period:	\$2,446,916
Actual to date:	\$1,606,916
<b>Percent of budget for eight (8) months:</b>	<b>65.7%</b>



Company: Peoples Gas System  
Except West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-1)

### Peoples Gas System

**Reporting:** JANUARY 1999 THROUGH DECEMBER 1999

**Name:** Gas Space Conditioning Program

**Description:** This Program is designed to convert on-main customers from electric space conditioning equipment to energy efficient gas space conditioning. The program offers piping and venting allowances to reduce the generally higher cost of installing gas space conditioning equipment. This program would also reduce summer as well as winter peak demand and contribute to the conservation of KWH / KWD consumption.

<b>Program Allowance:</b>	Each customer allowed 100 tons maximum paid allowance / installation a	\$150.00 per ton
<b>Program Goals:</b>	Projected connections this period: (tons)	<b>422</b>
	Actual connections this period: (tons)	<b>200</b>
	Percent of goal for the eight (8) months:	<b>47.3%</b>
<b>Program Fiscal Expenditures:</b>	Estimated for period:	<b>\$63,257</b>
	Actual to date:	<b>\$29,925</b>

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2R)

ENERGY CONSERVATION ADJUSTMENT  
SUMMARY OF COST RECOVERY CLAUSE CALCULATION  
MONTHS: January 2000 Through December 2000

1. TOTAL INCREMENTAL COSTS (SCHEDULE C-2, PAGE 1)	1,564,992
2. TRUE-UP (SCHEDULE C-3, PAGE 4, LINE 11)	191,792
3. TOTAL (LINE 1 AND LINE 2)	1,756,784

RATE SCHEDULE	BILLS	THERMS	CUSTOMER CHARGE	NON-GAS ENERGY CHARGE	TOTAL CUST. & ENGY CHG REVENUE	ECCR REVENUES	ECCR AS % OF TOTAL REVENUES	DOLLARS THERM	TAX FACTOR	CONSERV FACTOR
RESIDENTIAL	344,867	10,700,000	2,414,069	3,480,175	5,894,244	958,759	16.26602%	0.08960	1.00503	0.09005
COMMERCIAL	30,823	11,439,956	308,230	1,873,636	2,181,866	354,903	16.26602%	0.03102	1.00503	0.03118
COMM. LGE VOL I	252	3,896,421	12,600	539,265	551,865	89,766	16.26602%	0.02304	1.00503	0.02315
INDUSTRIAL	320	9,328,476	16,000	1,291,061	1,307,061	212,607	16.26602%	0.02279	1.00503	0.02291
FIRM TRANSPORTATION	52	11,867,605	5,200	578,783	583,983	94,991	16.26602%	0.00800	1.00503	0.00804
SPECIAL CONTRACT	12	6,511,000	281,316	0	281,316	45,759	16.26602%	0.00703	1.00503	0.00706
TOTAL	376,326	53,743,458	3,037,415	7,762,920	10,800,335	1,756,784				

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 990002-EG EXHIBIT NO. 15  
COMPANY: Caldwell  
WITNESSED: \_\_\_\_\_  
DATE: 11-22-99



Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2R)

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM  
January 2000 Through December 2000

PROGRAM	CAPITAL INVEST	PYROLL & BENEFITS	MATERLS. & SUPPLIES	ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
1 HOME BUILDER PROGRAM	0	0	0	0	900,000	0	0	0	900,000
2 ENERGY SAVINGS PAYBACK	0	0	0	0	24,000	0	0	0	24,000
3 WATER HEATER RETENTION	0	0	0	0	39,996	0	0	0	39,996
4 RES. ELECTRIC REPLACEMENT	0	0	0	0	124,500	0	0	0	124,500
5 COMM. ELECTRIC REPLACEMENT	0	0	0	0	60,000	0	0	0	60,000
6 SPACE CONDITIONING	0	0	0	0	30,000	0	0	0	30,000
7 COMMON COSTS	0	123,500	3,000	200,000	0	45,000	14,996	0	386,496
8 N/A	0	0	0	0	0	0	0	0	0
9 N/A	0	0	0	0	0	0	0	0	0
10 N/A	0	0	0	0	0	0	0	0	0
11 N/A	0	0	0	0	0	0	0	0	0
<b>PROGRAM COSTS</b>	<b>0</b>	<b>123,500</b>	<b>3,000</b>	<b>200,000</b>	<b>1,178,496</b>	<b>45,000</b>	<b>14,996</b>	<b>0</b>	<b>1,564,992</b>

Company: Peoples Gas System  
 West Florida Region  
 Exhibit No. \_\_\_\_\_  
 Docket No. 990002-EG  
 Peoples Gas System  
 (JBC-2R)

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

PROGRAM	CAPITAL INVEST	PYROLL & BENEFITS	MATERLS. & SUPPLIES	ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
<b>1 HOME BUILDER PROGRAM</b>									
A. ACTUAL	0	0	0	0	217,300	0	0	0	217,300
B. ESTIMATED	0	0	0	1,000	112,000	0	0	0	113,000
C. TOTAL	0	0	0	1,000	329,300	0	0	0	330,300
<b>2 ENERGY SAVINGS PAYBACK</b>									
A. ACTUAL	0	0	0	0	6,600	0	0	0	6,600
B. ESTIMATED	0	0	0	500	7,820	0	0	0	8,320
C. TOTAL	0	0	0	500	14,420	0	0	0	14,920
<b>3 WATER HEATER RETENTION</b>									
A. ACTUAL	0	0	0	0	21,110	0	0	0	21,110
B. ESTIMATED	0	0	0	1,000	12,000	0	0	0	13,000
C. TOTAL	0	0	0	1,000	33,110	0	0	0	34,110
<b>4 RES. ELECTRIC REPLACEMENT</b>									
A. ACTUAL	0	0	0	0	15,900	0	0	0	15,900
B. ESTIMATED	0	0	0	8,000	37,000	0	0	0	45,000
C. TOTAL	0	0	0	8,000	52,900	0	0	0	60,900
<b>5 COMM. ELECTRIC REPLACEMENT</b>									
A. ACTUAL	0	0	0	0	270	0	0	0	270
B. ESTIMATED	0	0	0	2,000	16,668	0	0	0	18,668
C. TOTAL	0	0	0	2,000	16,938	0	0	0	18,938
<b>6 SPACE CONDITIONING</b>									
A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	1,000	9,000	0	0	0	10,000
C. TOTAL	0	0	0	1,000	9,000	0	0	0	10,000
<b>SUB-TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,500</b>	<b>455,669</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>469,169</b>

Company: Peoples Gas System  
 West Florida Region  
 Exhibit No. \_\_\_\_\_  
 Docket No. 990002-EG  
 Peoples Gas System  
 (JBC-2R)

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

PROGRAM NAME	CAPITAL INVEST	PYROLL & BENEFITS	MATERLS. & SUPPLIES	ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
SUB-TOTAL - PREVIOUS PAGE	0	0	0	13,500	455,669	0	0	0	469,169
7. COMMON COSTS									
A. ACTUAL	0	23,538	0	124,376	0	0	0	863	148,776
B. ESTIMATED	0	30,000	100	171,532	0	1,000	0	200	202,832
C. TOTAL	0	53,538	100	295,908	0	1,000	0	1,063	351,608
(INSERT NAME)									
8. A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
(INSERT NAME 1-30 LETTERS)	0	0	0	0	0	0	0	0	0
(INSERT NAME)									
9. A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
(INSERT NAME 1-30 LETTERS)	0	0	0	0	0	0	0	0	0
(INSERT NAME)									
10. A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
(INSERT NAME)									
11. A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>53,538</b>	<b>100</b>	<b>309,408</b>	<b>455,669</b>	<b>1,000</b>	<b>0</b>	<b>1,063</b>	<b>820,777</b>



Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2R)

ENERGY CONSERVATION ADJUSTMENT

	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999				TOTAL
CONSERVATION REVS.													
RCS AUDIT FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
a. OTHER PROG. REV.	0	0	0	0	0	0	0	0	0	0	0	0	0
b. CONSERV. ADJ. REV.	(53,471)	(40,324)	(33,288)	(44,173)	(33,729)	(54,568)	(54,568)	(54,568)	(54,568)	0	0	0	(423,257)
c.	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSERV. ADJ. REV. (NET OF REV. TAXES)	(53,471)	(40,324)	(33,288)	(44,173)	(33,729)	(54,568)	(54,568)	(54,568)	(54,568)	0	0	0	(423,257)
TOTAL REVENUES	(53,471)	(40,324)	(33,288)	(44,173)	(33,729)	(54,568)	(54,568)	(54,568)	(54,568)	0	0	0	(423,257)
PRIOR PERIOD TRUE-UP NOT APPLIC. TO PERIOD	(22,749)	(22,749)	(22,749)	(22,749)	(22,749)	(22,749)	(22,749)	(22,749)	(22,749)	0	0	0	(204,737)
CONSERVATION REVS. APPLIC. TO PERIOD	(76,220)	(63,073)	(56,037)	(66,922)	(56,478)	(77,317)	(77,317)	(77,317)	(77,317)	0	0	0	(627,994)
CONSERVATION EXPS. (FORM C-3, PAGE 3)	73,432	65,793	84,976	63,562	122,194	102,705	102,705	102,705	102,706	0	0	0	820,777
TRUE-UP THIS PERIOD	(2,788)	2,720	28,939	(3,360)	65,717	25,388	25,388	25,388	25,389	0	0	0	192,783
INTEREST THIS PERIOD (C-3, PAGE 5)	(786)	(695)	(557)	(423)	(202)	96	310	525	740	0	0	0	(991)
TRUE-UP & INT. BEG. OF MONTH	(204,737)	(185,562)	(160,788)	(109,657)	(90,691)	(2,427)	45,806	94,252	142,914	0	0	0	
PRIOR TRUE-UP COLLECT. (REFUND.)	22,749	22,749	22,749	22,749	22,749	22,749	22,749	22,749	22,749	0	0	0	204,737
END OF PERIOD TOTAL NET TRUE-UP	(185,562)	(160,788)	(109,657)	(90,691)	(2,427)	45,806	94,252	142,914	191,792	0	0	0	191,792



Company: Peoples Gas System  
 West Florida Region  
 Exhibit No. \_\_\_\_\_  
 Docket No. 990002-EG  
 Peoples Gas System  
 (JBC-2R)

CALCULATION OF TRUE-UP AND INTEREST PROVISION

	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999				TOTAL
INTEREST PROVISION													
BEGINNING TRUE-UP	(204,737)	(185,562)	(160,788)	(109,657)	(90,691)	(2,427)	45,806	94,252	142,914	0	0	0	142,914
END. T-UP BEFORE INT.	(184,776)	(160,093)	(109,100)	(90,268)	(2,226)	45,710	93,943	142,389	191,052	0	0	0	397,520
TOT. BEG. & END. T-UP	(389,513)	(345,655)	(269,888)	(199,925)	(92,916)	43,282	139,748	236,642	333,966	0	0	0	540,434
AVERAGE TRUE-UP	(194,757)	(172,827)	(134,944)	(99,962)	(46,458)	21,641	69,874	118,321	166,983	0	0	0	270,217
INT. RATE-FIRST DAY OF REPORTING BUS. MTH	0.0488	0.0480	0.0485	0.0505	0.0510	0.0532	0.0532	0.0532	0.0532	0.0000	0.0000	0.0000	
INT. RATE-FIRST DAY OF SUBSEQUENT BUS. MTH	0.0480	0.0485	0.0505	0.0510	0.0532	0.0532	0.0532	0.0532	0.0532	0.0000	0.0000	0.0000	
TOTAL	0.0968	0.0965	0.0990	0.1015	0.1042	0.1064	0.1064	0.1064	0.1064	0.0000	0.0000	0.0000	
AVG INTEREST RATE	0.0484	0.0483	0.0495	0.0508	0.0521	0.0532	0.0532	0.0532	0.0532	0.0000	0.0000	0.0000	
MONTHLY AVG. RATE	0.0040	0.0040	0.0041	0.0042	0.0043	0.0044	0.0044	0.0044	0.0044	0.0000	0.0000	0.0000	
INTEREST PROVISION	(\$786)	(\$695)	(\$557)	(\$423)	(\$202)	\$96	\$310	\$525	\$740	\$0	\$0	\$0	(\$991)

Company: Peoples Gas System  
 West Florida Region  
 Exhibit No. \_\_\_\_\_  
 Docket No. 990002-EG  
 Peoples Gas System  
 (JBC-2R)

### Peoples Gas System

**Reporting:** April 1999 Through December 1999

**Name:** Home Builder Program

**Description:** This Program is designed to increase the number of high priority natural gas customers in the new residential construction market. The Company offers incentives in the form of gas appliance piping and venting allowances to assist builders in defraying the additional cost associated with the gas appliance installation.

<b>Program Allowances:</b>	Gas Water Heater .....	\$150.00
	Gas Furnace .....	\$250.00
	Gas Range .....	\$100.00
	Gas Dryer .....	\$100.00

<b>Program Goals:</b>	Projected new home connections for this period:	721
	Actual connections to date this period:	474
	Percent of goal for the five (5) months:	65.8%

<b>Program Fiscal Expenditures:</b>	Estimated for period:	\$330,300
	Actual to date:	\$217,300

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2R)

### Peoples Gas System

**Reporting:** April 1999 Through December 1999

**Name:** ENERGY SAVINGS PAYBACK (ESP) PROGRAM

**Description:** This program has been designed to promote replacement of standard gas appliances with energy efficient natural gas appliances.

<b>Program Allowances:</b>	<b>Water Heater</b> .....	\$50.00
	<b>Central Heater</b> .....	\$50.00
	<b>Range</b> .....	\$50.00
	<b>Dryer</b> .....	\$50.00

**Program Goals:** Projected Installations for the period: 22

<b>Program Fiscal Expenditures:</b>	Estimated for period:	\$14,920
	Actual to date:	\$6,600

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2R)

### Peoples Gas System

**Reporting:** April 1999 Through December 1999

**Name:** Water Heater Load Retention Program

**Description:** This Program is designed to discourage current natural gas customers from changing to electricity. The program offers allowances to customers to assist in defraying the cost of more expensive energy efficient appliances.

**Program Allowances:** Energy Efficient Gas Water Heater . . . . . \$100.00

**Program Goals:** Projected connections for this period: 341

Actual connections to date this period: 211

Percent of goal for the five (5) months: 61.9%

**Program Fiscal Expenditures:** Estimated for period: \$34,110

Actual to date: \$21,110

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2R)

### Peoples Gas System

**Reporting:** April 1999 Through December 1999

**Name:** Residential Electric & Oil Replacement Program

**Description:** This program was designed to encourage the replacement of electric resistance appliances by offering piping and venting allowances to defray the additional cost of installing more energy efficient natural gas appliances.

<b>Program Allowance:</b>	Natural Gas Water Heat .....	\$250.00
	Natural Gas Furnace .....	\$500.00
	Natural Gas Range .....	\$150.00
	Natural Gas Dryer .....	\$150.00
	Natural Gas Space Heat .....	\$150.00

<b>Program Goals:</b>	Projected new connections for this period:	253
	Actual connections to date this period:	53
	Percent of goal for the five (5) months:	21.0%

<b>Program Fiscal Expenditures:</b>	Estimated for period:	\$60,900
	Actual to date:	\$15,900

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2R)

### Peoples Gas System

**Reporting:** April 1999 Through December 1999

**Name:** Commercial Electric Replacement Program

**Description:** This Program is designed to encourage the replacement of electric resistance equipment in commercial establishments by offering piping and venting allowances to defray the additional cost of installing more energy efficient equipment.

**Program Allowance:** For every KW Displaces . . . . . \$30.00

**Program Goals:** Projected KWD displaced this period: 631

Actual KWD displaced this period: 9

Percent of goal for the five (5) months: 1.4%

**Program Fiscal Expenditures:** Estimated for period: \$18,938

Actual to date: \$270

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2R)

### Peoples Gas System

**Reporting:** April 1999 Through December 1999

**Name:** Gas Space Conditioning Program

**Description:** This Program is designed to convert on-main customers from electric space conditioning equipment to energy efficient gas space conditioning. The program offers piping and venting allowances to reduce the generally higher cost of installing gas space conditioning equipment. This program would also reduce summer as well as winter peak demand and contribute to the conservation of KWH / KWD consumption.

**Program Allowances:** Each customer allowed 100 tons maximum paid allowance / installation at: \$100.00 per ton

**Program Goals:** Projected connections this period: (tons) 100

Actual connections this period: (tons) 0

Percent of goal for the five (5) months: 0.0%

**Program Fiscal Expenditures:** Estimated for period: \$10,000

Actual to date: \$0

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2R)

### Peoples Gas System

**Reporting:** April 1999 Through December 1999

**Name:** Energy Conservation Common Costs

<b>Program Fiscal Expenditures:</b>	Estimated for period:	\$351,608
	Actual to date:	\$148,776
	Percent of budget for five (5) months:	42.3%



Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2)

ENERGY CONSERVATION ADJUSTMENT  
SUMMARY OF COST RECOVERY CLAUSE CALCULATION  
MONTHS: January 2000 Through December 2000

1. TOTAL INCREMENTAL COSTS (SCHEDULE C-2, PAGE 1)	1,564,992
2. TRUE-UP (SCHEDULE C-3, PAGE 4, LINE 11)	277,362
3. TOTAL (LINE 1 AND LINE 2)	1,842,354

RATE SCHEDULE	BILLS	THERMS	CUSTOMER CHARGE	NON-GAS ENERGY CHARGE	TOTAL CUST. & ENGY CHG REVENUE	ECCR REVENUES	ECCR AS % OF TOTAL REVENUES	DOLLARS THERM	TAX FACTOR	CONSERV FACTOR
RESIDENTIAL	344,867	10,700,000	2,414,069	3,480,175	5,894,244	1,005,458	17.05830%	0.09397	1.00503	0.09444
COMMERCIAL	30,823	11,439,956	308,230	1,873,636	2,181,866	372,189	17.05830%	0.03253	1.00503	0.03270
COMM. LGE VOL I	252	3,896,421	12,600	539,265	551,865	94,139	17.05830%	0.02416	1.00503	0.02428
INDUSTRIAL	320	9,328,476	16,000	1,291,061	1,307,061	222,962	17.05830%	0.02390	1.00503	0.02402
FIRM TRANSPORTATION	52	11,867,605	5,200	578,783	583,983	99,618	17.05830%	0.00839	1.00503	0.00844
SPECIAL CONTRACT	12	6,511,000	281,316	0	281,316	47,988	17.05830%	0.00737	1.00503	0.00741
TOTAL	376,326	53,743,458	3,037,415	7,762,920	10,800,335	1,842,354				

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2)

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM  
January 2000 Through December 2000

PROGRAM	CAPITAL INVEST	PYROLL & BENEFITS	MATERLS. & SUPPLIES	ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
1 HOME BUILDER PROGRAM	0	0	0	0	900,000	0	0	0	900,000
2 ENERGY SAVINGS PAYBACK	0	0	0	0	24,000	0	0	0	24,000
3 WATER HEATER RETENTION	0	0	0	0	39,996	0	0	0	39,996
4 RES. ELECTRIC REPLACEMENT	0	0	0	0	124,500	0	0	0	124,500
5 COMM. ELECTRIC REPLACEMENT	0	0	0	0	60,000	0	0	0	60,000
6 SPACE CONDITIONING	0	0	0	0	30,000	0	0	0	30,000
7 COMMON COSTS	0	123,500	3,000	200,000	0	45,000	14,996	0	386,496
8 N/A	0	0	0	0	0	0	0	0	0
9 N/A	0	0	0	0	0	0	0	0	0
10 N/A	0	0	0	0	0	0	0	0	0
11 N/A	0	0	0	0	0	0	0	0	0
<b>PROGRAM COSTS</b>	<b>0</b>	<b>123,500</b>	<b>3,000</b>	<b>200,000</b>	<b>1,178,496</b>	<b>45,000</b>	<b>14,996</b>	<b>0</b>	<b>1,564,992</b>

Company:

Peoples Gas System

West Florida Region

Exhibit No. \_\_\_\_\_

Docket No. 990002-EG

Peoples Gas System

(JBC-2)

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

January 1999 Through December 1999

PROGRAM	CAPITAL INVEST	PYROLL & BENEFITS	MATERLS. & SUPPLIES	ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
<b>1 HOME BUILDER PROGRAM</b>									
A. ACTUAL	0	0	0	2,161	414,410	0	0	0	416,571
B. ESTIMATED	0	0	0	1,000	112,000	0	0	0	113,000
C. TOTAL	0	0	0	3,161	526,410	0	0	0	529,571
<b>2 ENERGY SAVINGS PAYBACK</b>									
A. ACTUAL	0	0	0	1,437	14,300	0	0	0	15,737
B. ESTIMATED	0	0	0	500	7,820	0	0	0	8,320
C. TOTAL	0	0	0	1,937	22,120	0	0	0	24,057
<b>3 WATER HEATER RETENTION</b>									
A. ACTUAL	0	0	0	0	34,110	0	0	0	34,110
B. ESTIMATED	0	0	0	1,000	12,000	0	0	0	13,000
C. TOTAL	0	0	0	1,000	46,110	0	0	0	47,110
<b>4 RES. ELECTRIC REPLACEMENT</b>									
A. ACTUAL	0	0	0	16,889	41,160	0	0	0	58,049
B. ESTIMATED	0	0	0	8,000	37,000	0	0	0	45,000
C. TOTAL	0	0	0	24,889	78,160	0	0	0	103,049
<b>5 COMM. ELECTRIC REPLACEMENT</b>									
A. ACTUAL	0	0	0	2,269	5,290	0	0	0	7,559
B. ESTIMATED	0	0	0	2,000	16,670	0	0	0	18,670
C. TOTAL	0	0	0	4,269	21,960	0	0	0	26,229
<b>6 SPACE CONDITIONING</b>									
A. ACTUAL	0	0	0	1,210	0	0	0	0	1,210
B. ESTIMATED	0	0	0	1,000	9,000	0	0	0	10,000
C. TOTAL	0	0	0	2,210	9,000	0	0	0	11,210
<b>SUB-TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,466</b>	<b>703,760</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>741,226</b>

Company: Peoples Gas System  
 West Florida Region  
 Exhibit No. \_\_\_\_\_  
 Docket No. 990002-EG  
 Peoples Gas System  
 (JBC-2)

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM  
 January 1999 Through December 1999

PROGRAM NAME	CAPITAL INVEST	PYROLL & BENEFITS	MATERLS. & SUPPLIES	ADVERT	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
SUB-TOTAL - PREVIOUS PAGE	0	0	0	37,466	703,760	0	0	0	741,226
7. COMMON COSTS									
A. ACTUAL	0	51,213	154	208,834	0	2,056	0	863	263,119
B. ESTIMATED	0	30,000	100	171,532	0	1,000	0	200	202,832
C. TOTAL	0	81,213	254	380,366	0	3,056	0	1,063	465,951
(INSERT NAME)									
8. A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
(INSERT NAME 1-30 LETTERS)	0	0	0	0	0	0	0	0	0
(INSERT NAME)									
9. A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
(INSERT NAME 1-30 LETTERS)	0	0	0	0	0	0	0	0	0
(INSERT NAME)									
10. A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
(INSERT NAME)									
11. A. ACTUAL	0	0	0	0	0	0	0	0	0
B. ESTIMATED	0	0	0	0	0	0	0	0	0
C. TOTAL	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>81,213</b>	<b>254</b>	<b>417,832</b>	<b>703,760</b>	<b>3,056</b>	<b>0</b>	<b>1,063</b>	<b>1,207,177</b>

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2)

CONSERVATION PROGRAM COSTS BY PROGRAM  
ACTUAL/ESTIMATED  
January 1999 Through December 1999

PROGRAM NAME	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999	TOTAL
HOME BUILDER PROGRAM	29,020	54,800	115,451	31,700	42,950	45,500	31,100	66,050	28,250	28,250	28,250	28,250	529,571
ENERGY SAVINGS PAYBACK	3,210	1,950	3,977	1,300	2,450	900	1,050	900	2,080	2,080	2,080	2,080	24,057
WATER HEATER RETENTION	2,800	4,200	6,000	1,700	4,150	6,500	6,460	2,300	3,250	3,250	3,250	3,250	47,110
RES. ELECTRIC REPLACEMENT	9,190	21,340	11,619	2,750	3,800	2,500	3,250	3,600	11,250	11,250	11,250	11,250	103,049
COMM. ELECTRIC REPLACEMENT	25,901	(22,858)	4,248	270	0	0	0	0	4,667	4,667	4,667	4,667	26,229
SPACE CONDITIONING	1,210	0	0	0	0	0	0	0	2,500	2,500	2,500	2,500	11,210
COMMON COSTS	20,810	48,800	44,732	35,712	12,443	29,576	21,702	49,344	50,708	50,708	50,708	50,708	465,951
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL ALL PROGRAMS</b>	<b>92,141</b>	<b>108,232</b>	<b>186,027</b>	<b>73,432</b>	<b>65,793</b>	<b>84,976</b>	<b>63,562</b>	<b>122,194</b>	<b>102,705</b>	<b>102,705</b>	<b>102,705</b>	<b>102,705</b>	<b>1,207,177</b>

Company: **Peoples Gas System**  
**West Florida Region**  
Exhibit No. \_\_\_\_\_  
Docket No. **990002-EG**  
**Peoples Gas System**  
**(JBC-2)**

ENERGY CONSERVATION ADJUSTMENT  
January 1999 Through December 1999

	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999	TOTAL
CONSERVATION REVS.													
RCS AUDIT FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
a. OTHER PROG. REV.	0	0	0	0	0	0	0	0	0	0	0	0	0
b. CONSERV. ADJ. REV.	(102,503)	(59,866)	(70,250)	(53,417)	(40,324)	(32,288)	(44,173)	(33,729)	(54,568)	(54,568)	(54,568)	(54,568)	(654,822)
c.	0	0	0	0	0	0	0	0	0	0	0	0	0
CONSERV. ADJ REV. (NET OF REV. TAXES)	(102,503)	(59,866)	(70,250)	(53,417)	(40,324)	(32,288)	(44,173)	(33,729)	(54,568)	(54,568)	(54,568)	(54,568)	(654,822)
TOTAL REVENUES	(102,503)	(59,866)	(70,250)	(53,417)	(40,324)	(32,288)	(44,173)	(33,729)	(54,568)	(54,568)	(54,568)	(54,568)	(654,822)
PRIOR PERIOD TRUE-UP NOT APPLIC. TO PERIOD	(22,858)	(22,858)	(22,858)	(22,858)	(22,858)	(22,858)	(22,858)	(22,858)	(22,858)	(22,858)	(22,858)	(22,858)	(274,300)
CONSERVATION REVS. APPLIC. TO PERIOD	(125,361)	(82,724)	(93,108)	(76,275)	(63,182)	(55,146)	(67,031)	(56,587)	(77,426)	(77,426)	(77,426)	(77,426)	(929,122)
CONSERVATION EXPS. (FORM C-3, PAGE 3)	92,141	108,232	186,027	73,432	65,793	84,976	63,562	122,194	102,705	102,705	102,705	102,705	1,207,177
TRUE-UP THIS PERIOD	(33,220)	25,508	92,919	(2,843)	2,611	29,830	(3,469)	65,607	25,279	25,279	25,279	25,279	278,055
INTEREST THIS PERIOD (C-3,PAGE 5)	(1,131)	(1,053)	(732)	(457)	(366)	(216)	(70)	162	469	684	901	1,118	(693)
TRUE-UP & INT. BEG. OF MONTH	(274,300)	(285,793)	(238,480)	(123,435)	(103,877)	(78,775)	(26,303)	(6,984)	81,642	130,248	179,069	228,107	
PRIOR TRUE-UP COLLECT/(REFUND.)	22,858	22,858	22,858	22,858	22,858	22,858	22,858	22,858	22,858	22,858	22,858	22,858	274,300
END OF PERIOD TOTAL NET TRUE-UP	(285,793)	(238,480)	(123,435)	(103,877)	(78,775)	(26,303)	(6,984)	81,642	130,248	179,069	228,107	277,362	277,362

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2)

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
January 1999 Through December 1999

	JAN 1999	FEB 1999	MAR 1999	APR 1999	MAY 1999	JUN 1999	JUL 1999	AUG 1999	SEP 1999	OCT 1999	NOV 1999	DEC 1999	TOTAL
INTEREST PROVISION													
BEGINNING TRUE-UP	(274,300)	(285,793)	(238,480)	(123,435)	(103,877)	(78,775)	(26,303)	(6,984)	81,642	130,248	179,069	228,107	228,107
END. T-UP BEFORE INT.	(284,662)	(237,427)	(122,703)	(103,420)	(78,408)	(26,087)	(6,914)	81,481	129,779	178,385	227,206	276,244	552,355
TOT. BEG. & END. T-UP	(558,962)	(523,219)	(361,182)	(226,855)	(182,286)	(104,862)	(33,217)	74,496	211,422	308,633	406,275	504,350	780,462
AVERAGE TRUE-UP	(279,481)	(261,610)	(180,591)	(113,427)	(91,143)	(52,431)	(16,609)	37,248	105,711	154,317	203,138	252,175	390,231
INT. RATE-FIRST DAY OF REPORTING BUS. MTH	0.0490	0.0481	0.0485	0.0488	0.0480	0.0485	0.0505	0.0510	0.0532	0.0532	0.0532	0.0532	
INT. RATE-FIRST DAY OF SUBSEQUENT BUS. MTH	0.0481	0.0485	0.0488	0.0480	0.0485	0.0505	0.0510	0.0532	0.0532	0.0532	0.0532	0.0532	
TOTAL	0.0971	0.0966	0.0973	0.0968	0.0965	0.0990	0.1015	0.1042	0.1064	0.1064	0.1064	0.1064	
AVG INTEREST RATE	0.0486	0.0483	0.0487	0.0484	0.0483	0.0495	0.0508	0.0521	0.0532	0.0532	0.0532	0.0532	
MONTHLY AVG. RATE	0.0040	0.0040	0.0041	0.0040	0.0040	0.0041	0.0042	0.0043	0.0044	0.0044	0.0044	0.0044	
INTEREST PROVISION	(\$1,131)	(\$1,053)	(\$732)	(\$457)	(\$366)	(\$216)	(\$70)	\$162	\$469	\$684	\$901	\$1,118	(\$693)

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2)

### Peoples Gas System

**Reporting:** JANUARY 1999 THROUGH DECEMBER 1999

**Name:** Home Builder Program

**Description:** This Program is designed to increase the number of high priority natural gas customers in the new residential construction market. The Company offers incentives in the form of gas appliance piping and venting allowances to assist builders in defraying the additional cost associated with the gas appliance installation.

<b>Program Allowances:</b>	Gas Water Heater .....	\$150.00
	Gas Furnace .....	\$250.00
	Gas Range .....	\$100.00
	Gas Dryer .....	\$100.00

<b>Program Goals:</b>	Projected new home connections for this period:	1,156
	Actual connections to date this period:	910
	Percent of goal for the eight (8) months:	78.7%

<b>Program Fiscal Expenditures:</b>	Estimated for period:	\$529,571
	Actual to date:	\$416,571



Company: Peoples Gas System  
 West Florida Region  
 Exhibit No. \_\_\_\_\_  
 Docket No. 990002-EG  
 Peoples Gas System  
 (JBC-2)

### Peoples Gas System

**Reporting:** JANUARY 1999 THROUGH DECEMBER 1999

**Name:** ENERGY SAVINGS PAYBACK (ESP) PROGRAM

**Description:** This program has been designed to promote replacement of standard gas appliances with energy efficient natural gas appliances.

<b>Program Allowances:</b>	<b>Water Heater</b> .....	\$50.00
	<b>Central Heater</b> .....	\$50.00
	<b>Range</b> .....	\$50.00
	<b>Dryer</b> .....	\$50.00

**Program Goals:** Projected Installations for the period: 36

<b>Program Fiscal Expenditures:</b>	Estimated for period:	\$24,057
	Actual to date:	\$15,737

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2)

### Peoples Gas System

**Reporting:** JANUARY 1999 THROUGH DECEMBER 1999

**Name:** Water Heater Load Retention Program

**Description:** This Program is designed to discourage current natural gas customers from changing to electricity. The program offers allowances to customers to assist in defraying the cost of more expensive energy efficient appliances.

**Program Allowances:** Energy Efficient Gas Water Heater . . . . . \$100.00

**Program Goals:** Projected connections for this period: 471

Actual connections to date this period: 341

Percent of goal for the eight (8) months: 72.4%

**Program Fiscal Expenditures:** Estimated for period: \$47,110

Actual to date: \$34,110

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2)

### Peoples Gas System

**Reporting:** JANUARY 1999 THROUGH DECEMBER 1999

**Name:** Residential Electric & Oil Replacement Program

**Description:** This program was designed to encourage the replacement of electric resistance appliances by offering piping and venting allowances to defray the additional cost of installing more energy efficient natural gas appliances.

<b>Program Allowance:</b>	Natural Gas Water Heat .....	\$250.00
	Natural Gas Furnace .....	\$500.00
	Natural Gas Range .....	\$150.00
	Natural Gas Dryer .....	\$150.00
	Natural Gas Space Heat .....	\$150.00

<b>Program Goals:</b>	Projected new connections for this period:	428
	Actual connections to date this period:	193
	Percent of goal for the eight (8) months:	45.2%

<b>Program Fiscal Expenditures:</b>	Estimated for period:	\$103,049
	Actual to date:	\$58,049

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2)

### Peoples Gas System

**Reporting:** JANUARY 1999 THROUGH DECEMBER 1999

**Name:** Commercial Electric Replacement Program

**Description:** This Program is designed to encourage the replacement of electric resistance equipment in commercial establishments by offering piping and venting allowances to defray the additional cost of installing more energy efficient equipment.

<b>Program Allowance:</b>	For every KW Displaces . . . . .	\$30.00
<b>Program Goals:</b>	Projected KWD displaced this period:	874
	Actual KWD displaced this period:	252
	Percent of goal for the eight (8) months:	28.8%
<b>Program Fiscal Expenditures:</b>	Estimated for period:	\$26,229
	Actual to date:	\$7,559

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2)

### Peoples Gas System

**Reporting:** JANUARY 1999 THROUGH DECEMBER 1999

**Name:** Gas Space Conditioning Program

**Description:** This Program is designed to convert on-main customers from electric space conditioning equipment to energy efficient gas space conditioning. The program offers piping and venting allowances to reduce the generally higher cost of installing gas space conditioning equipment. This program would also reduce summer as well as winter peak demand and contribute to the conservation of KWH / KWD consumption.

**Program Allowances:** Each customer allowed 100 tons maximum paid allowance / installation at: \$100.00 per ton

<b>Program Goals:</b>	Projected connections this period: (tons)	112
	Actual connections this period: (tons)	12
	Percent of goal for the eight (8) months:	10.8%

<b>Program Fiscal Expenditures:</b>	Estimated for period:	\$11,210
	Actual to date:	\$1,210

Company: Peoples Gas System  
West Florida Region  
Exhibit No. \_\_\_\_\_  
Docket No. 990002-EG  
Peoples Gas System  
(JBC-2)

### Peoples Gas System

Reporting: JANUARY 1999 THROUGH DECEMBER 1999

Name: Energy Conservation Common Costs

<b>Program Fiscal Expenditures:</b>	Estimated for period:	\$465,951
	Actual to date:	\$263,119
	Percent of budget for eight (8) months:	56.5%

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA

SCHEDULE CT-1

CONSERVATION ADJUSTMENT TRUE-UP

PAGE 1 OF 1

FOR MONTHS April-98 THROUGH December-98

1.	ADJUSTED END OF PERIOD TOTAL NET TRUE-UP		
2.	FOR MONTHS April-98 THROUGH December-98		
3.	END OF PERIOD NET TRUE-UP		
4.	PRINCIPAL	<u>(84,724)</u>	
5.	INTEREST	<u>(4,272)</u>	<u>(88,996)</u>
6.	LESS PROJECTED TRUE-UP		
7.	November-99 (DATE) HEARINGS		
8.	PRINCIPAL	<u>(74,083)</u>	
9.	INTEREST	<u>(4,199)</u>	<u>(78,282)</u>
10.	ADJUSTED END OF PERIOD TOTAL TRUE-UP		<u><u>(10,714)</u></u>

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-2)  
PAGE 1 OF 38

FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET  
NO. 990002-EG EXHIBIT NO. 16  
COMPANY: Peacock  
WITNESS: \_\_\_\_\_  
DATE: 11-22-99

DOCUMENT NUMBER-DATE

06159 MAY 14 88

FPSC-RECORDS/REPORTING

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VS PROJECTED

	FOR MONTHS	April-98	THROUGH	December-98	
		<u>ACTUAL</u>		<u>PROJECTED*</u>	<u>DIFFERENCE</u>
1.	LABOR/PAYROLL	38,361		40,705	(2,344)
2.	ADVERTISING	22,187		20,518	1,669
3.	LEGAL	317		1,317	(1,000)
4.	OUTSIDE SERVICES/CONTRACT	20,236		22,836	(2,600)
5.	VEHICLE COST	6,937		7,933	(996)
6.	MATERIAL & SUPPLIES	14,176		15,716	(1,540)
7.	TRAVEL	921		2,968	(2,047)
8.	GENERAL & ADMIN	7,666		7,688	(22)
9.	INCENTIVES	275		275	0
10.	OTHER	2,010		4,097	(2,087)
11.	SUB-TOTAL	113,086		124,053	(10,967)
12.	PROGRAM REVENUES				
13.	TOTAL PROGRAM COSTS	113,086		124,053	(10,967)
14.	LESS: PRIOR PERIOD TRUE-UP	112,506		112,506	0
15.	AMOUNTS INCLUDED IN RATE BASE				
16.	CONSERVATION ADJ REVENU	85,304		85,630	(326)
17.	ROUNDING ADJUSTMENT				
18.	TRUE-UP BEFORE INTEREST	(84,724)		(74,083)	(10,641)
19.	ADD INTEREST PROVISION	(4,272)		(4,199)	(73)
20.	END OF PERIOD TRUE-UP	(88,996)		(78,282)	(10,714)

() REFLECTS OVERRECOVERY  
\* 2 MONTHS ACTUAL AND 10 MONTHS PROJECTED



ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS April-98 THROUGH December-98

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1. In Concert with the Environment	1,639	0	0	11,739	0	0	0	53	275	0	13,706		13,706
2. Direct Leakage Repair	2,538	1,233	0	0	0	3,013	0	0	0	0	6,784		6,784
3. Residential Geothermal Heat Pump	724	518	0	0	0	0	0	0	0	0	1,242		1,242
4. Residential Energy Audits	5,846	6,205	0	0	0	3,169	0	410	0	0	15,630		15,630
5. Low Income Customer Energy Audits	1,241	500	0	0	0	1,415	37	0	0	0	3,193		3,193
6. FPU Express	2,306	4,386	0	0	0	1,706	0	10	0	0	8,408		8,408
7. Enhanced Good Cents Home	4,635	6,405	0	4,728	0	1,596	316	292	0	731	18,703		18,703
8. Commercial/Industrial Good Cents Building	949	1,257	0	0	0	1,559	108	0	0	0	3,873		3,873
9. Commercial/Industrial Energy Audits & Tech. Ass	986	1,683	0	3,769	0	329	19	22	0	0	6,808		6,808
10. Common	17,497	0	317	0	6,937	1,389	441	6,879	0	1,279	34,739		34,739
11.													
12.													
13.													
14.													
15.													
16.													
17.													
18.													
19.													
20.													
TOTAL ALL PROGRAMS	38,361	22,187	317	20,236	6,937	14,176	921	7,666	275	2,010	113,086	0	113,086

CONSERVATION COSTS PER PROGRAM--VARIANCE ACTUAL VS PROJECTED  
VARIANCE ACTUAL VS PROJECTED

FOR MONTHS April-98 THROUGH December-98

PROGRAM NAME	LABOR	ADVERTISING	LEGAL	OUTSIDE	VEHICLE	MATERIALS	TRAVEL	GENERAL	INCENTIVES	OTHER	SUB	PROGRAM	TOTAL
	&					&		SUPPLIES					
	PAYROLL			SERVICES	COST						TOTAL		TOTAL
1. In Concert with the Environment	370	0	0	0	(100)	(2,000)	0	0	0	0	(1,730)	0	(1,730)
2. Direct Leakage Repair	38	97	0	(300)	(200)	(301)	0	(200)	0	(200)	(1,066)	0	(1,066)
3. Residential Geothermal Heat Pump	(19)	(200)	0	(200)	(200)	(300)	(100)	(200)	0	(200)	(1,419)	0	(1,419)
4. Residential Energy Audits	253	(615)	0	0	(200)	325	(700)	(200)	0	(200)	(1,337)	0	(1,337)
5. Low Income Customer Energy Audits	237	(300)	0	(200)	(200)	320	37	(200)	0	(300)	(606)	0	(606)
6. FPU Express	253	1,398	0	(300)	(200)	320	0	(100)	0	(300)	1,071	0	1,071
7. Enhanced Good Cents Home	350	663	0	(500)	(200)	14	(800)	(158)	0	(300)	(931)	0	(931)
8. Commercial/Industrial Good Cents Building	(147)	566	0	(300)	(200)	320	(283)	(200)	0	(300)	(544)	0	(544)
9. Commercial/Industrial Energy Audits & Tech. As	(490)	60	0	(800)	(200)	(299)	(300)	(201)	0	(300)	(2,530)	0	(2,530)
10. Common	(3,189)	0	(1,000)	0	704	61	99	1,437	0	13	(1,875)	0	(1,875)
11.													
12.													
13.													
14.													
15.													
16.													
17.													
18.													
19.													
20.													
TOTAL ALL PROGRAMS	(2,344)	1,669	(1,000)	(2,600)	(996)	(1,540)	(2,047)	(22)	0	(2,087)	(10,967)	0	(10,967)

ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION  
SUMMARY OF EXPENSES BY PROGRAM BY MONTH

FOR MONTHS April-98 THROUGH December-98

A. CONSERVATION EXPENSE BY PROGRAM		APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL			
1.	In Concert with the Environment	861	235	204	0	0	292	11,443	288	383	0	0	0	13,706
2.	Direct Leakage Repair	373	1,015	416	3,272	414	262	288	185	549	0	0	0	6,784
3.	Residential Geothermal Heat Pump	39	119	285	310	9	190	109	16	165	0	0	0	1,242
4.	Residential Energy Audits	1,492	1,491	2,777	1,243	1,857	1,196	2,311	1,684	1,579	0	0	0	15,630
5.	Low Income Customer Energy Audits	75	164	155	594	46	263	902	667	327	0	0	0	3,193
6.	FPU Express	540	976	772	458	547	624	1,221	1,480	1,791	0	0	0	8,409
7.	Enhanced Good Cents Home	1,050	1,299	1,002	5,353	1,817	1,859	2,654	1,225	2,444	0	0	0	18,703
8.	Commercial/Industrial Good Cents Building	93	46	189	100	109	247	1,233	937	919	0	0	0	3,873
9.	Commercial/Industrial Energy Audits & Tech. As	323	448	222	4,309	414	225	397	155	315	0	0	0	6,808
10.	Common	3,253	3,426	3,694	3,468	4,749	4,518	5,505	2,998	3,127	0	0	0	34,738
11.														
12.														
13.														
14.														
15.														
16.														
17.														
18.														
19.														
20.														
21.	TOTAL ALL PROGRAMS	8,099	9,219	9,716	19,107	9,962	9,676	26,073	9,635	11,599	0	0	0	113,086
22.	LESS AMOUNT INCLUDED IN RATE BASE													
23.	RECOVERABLE CONSERVATION EXPENSES	8,099	9,219	9,716	19,107	9,962	9,676	26,073	9,635	11,599	0	0	0	113,086

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA

SCHEDULE CT-3  
PAGE 2 OF 3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS April-98 THROUGH December-98

B. CONSERVATION REVENUES	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				TOTAL
1. RESIDENTIAL CONSERVATION													0
2. CONSERVATION ADJ. REVENUES	7,002	7,796	10,901	12,538	10,818	10,894	9,804	7,618	7,933	0	0	0	85,304
3. TOTAL REVENUES	7,002	7,796	10,901	12,538	10,818	10,894	9,804	7,618	7,933	0	0	0	85,304
4. PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	9,376	9,376	9,376	9,376	9,376	9,376	9,376	9,376	9,376			0	84,384
5. CONSERVATION REVENUE APPLICABLE	16,378	17,172	20,277	21,914	20,194	20,270	19,180	16,994	17,309	0	0	0	169,688
6. CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	8,099	9,219	9,716	19,107	9,962	9,676	26,073	9,635	11,599	0	0	0	113,086
7. TRUE-UP THIS PERIOD (LINE 5 - 6)	8,279	7,953	10,561	2,807	10,232	10,594	(6,893)	7,359	5,710	0	0	0	56,602
8. INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	517	511	516	509	494	486	437	410	392	0	0	0	4,272
9. TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	112,506	111,926	111,014	112,715	106,655	108,005	109,709	93,877	92,270		0	0	112,506
9A. DEFERRED TRUE-UP BEGINNING OF PERIOD													
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	(9,376)	(9,376)	(9,376)	(9,376)	(9,376)	(9,376)	(9,376)	(9,376)	(9,376)	0	0	0	(84,384)
11. TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	111,926	111,014	112,715	106,655	108,005	109,709	93,877	92,270	88,996	0	0	0	88,996

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-2)  
PAGE 6 OF 38

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA

SCHEDULE CT-3  
PAGE 3 OF 3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS April-98 THROUGH December-98

C. INTEREST PROVISION	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				TOTAL
1. BEGINNING TRUE-UP (LINE B-9)	112,506	111,926	111,014	112,715	106,655	108,005	109,709	93,877	92,270	0	0	0	112,506
2. ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	111,409	110,503	112,199	106,146	107,511	109,223	93,440	91,860	88,604	0	0	0	84,724
3. TOTAL BEG. AND ENDING TRUE-UP	223,915	222,428	223,212	218,860	214,165	217,227	203,148	185,736	180,873	0	0	0	197,230
4. AVERAGE TRUE-UP (LINE C-3 X 50%)	111,957	111,214	111,606	109,430	107,083	108,614	101,574	92,868	90,437	0	0	0	98,615
5. INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	5.55%	5.53%	5.50%	5.60%	5.56%	5.52%	5.22%	5.10%	5.50%	0.00%	0.00%	0.00%	
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	5.53%	5.50%	5.60%	5.56%	5.52%	5.22%	5.10%	5.50%	4.90%	0.00%	0.00%	0.00%	
7. TOTAL (LINE C-5 + C-6)	11.08%	11.03%	11.10%	11.16%	11.08%	10.74%	10.32%	10.60%	10.40%	0.00%	0.00%	0.00%	
8. AVG. INTEREST RATE (C-7 X 50%)	5.54%	5.52%	5.55%	5.58%	5.54%	5.37%	5.16%	5.30%	5.20%	0.00%	0.00%	0.00%	
9. MONTHLY AVERAGE INTEREST RATE	0.462%	0.460%	0.463%	0.465%	0.462%	0.448%	0.430%	0.442%	0.433%	0.000%	0.000%	0.000%	
10. INTEREST PROVISION (LINE C-4 X C-9)	517	511	516	509	494	486	437	410	392	0	0	0	4,272

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-2)  
PAGE 7 OF 38

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA

SCHEDULE CT-4

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

PAGE 1 OF 1

FOR MONTHS April-98 THROUGH December-98

PROGRAM NAME:		BEGINNING OF PERIOD	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1.	INVESTMENT											
2.	DEPRECIATION BASE											
3.	DEPRECIATION EXPENSE											
4.	CUMULATIVE INVESTMENT											
5.	LESS: ACCUMULATED DEPRECIATION											
6.	NET INVESTMENT											
7.	AVERAGE INVESTMENT											
8.	RETURN ON AVERAGE INVESTMENT											
9.	RETURN REQUIREMENTS											
10.	TOTAL DEPRECIATION AND RETURN											NONE

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-2)  
PAGE 8 OF 38

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA

SCHEDULE CT-5  
PAGE 1 OF 1

RECONCILIATION AND EXPLANATION OF  
DIFFERENCES BETWEEN FILING AND PSC AUDIT

FOR MONTHS April-98 THROUGH December-98

AUDIT EXCEPTION: TO OUR KNOWLEDGE, NONE EXIST

COMPANY RESPONSE:

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-2)  
PAGE 9 OF 38

1. IN CONCERT WITH THE ENVIRONMENT
2. DUCT LEAKAGE REPAIR
3. RESIDENTIAL GEOTHERMAL HEAT PUMP
4. RESIDENTIAL ENERGY AUDITS
5. LOW INCOME CUSTOMER ENERGY AUDITS
6. FU EXPRESS LOAN
7. ENHANCED GOOD CENTS HOME
8. COMMERCIAL/INDUSTRIAL GOOD CENTS BUILDING
9. COMMERCIAL/INDUSTRIAL ENERGY AUDITS AND  
TECHNICAL ASSISTANCE



**PROGRAM TITLE :** In Concert With the Environment

**PROGRAM DESCRIPTION :** In Concert With the Environment® is an environmental and energy awareness program that is being implemented in the 8th and 9th grade science classes in Florida Public Utilities Company's service area. The program shows students how everyday energy use impacts the environment and how using energy wisely increases environmental quality. In Concert With the Environment® is brought to students who are already making decisions which impact our country's energy supply and the environment. Wise energy use today can best be achieved by linking environmental benefits to wise energy-use activities and by educating both present and future consumers on how to live "in concert with the environment".

The "In Concert" program was designed for teachers and students from the ground up. "In Concert" comes complete with suggestions for implementation and evaluation, with quality materials designed to accentuate distinctive teaching styles. The program is flexible enough to be used as a stand-alone learning unit, or it can be integrated into existing lessons.

**PROGRAM ACCOMPLISHMENTS :** The program goal for the current reporting period is 75 participants. As of the end of this reporting period we have a total of 171 participants for the Marianna Division. The program itself will continue during the current school year for 9th grade students in schools within our service area, so we expect participant numbers to be even larger. The schools which have the opportunity to take part are the three county school systems located in Calhoun, Liberty, and Jackson counties (Marianna Division).

**PROGRAM FISCAL EXPENDITURES :** The expenditures April 1, 1998 through December 31, 1998 were \$13,706.

**PROGRAM PROGRESS SUMMARY :** This program was instituted for the first time during the 1997 school year with 557 students participating thus far for both divisions. We expect to exceed Program To Date Goals by the end of 1999.

PROGRAM TITLE : Duct Leakage Repair

PROGRAM DESCRIPTION : The objective of the Duct Leakage Repair Program is to provide FPUC's residential customers a means to identify house air duct leakage and recommend repairs that can reduce customer energy usage and demand.

FPUC will identify program participants through the Residential Energy Audit Program as well as through promotional activities. Blower Door testing required to identify and quantify the duct leakage will be performed by a contractor. After identification of the leakage sites and quantities, the customer will be given a written summary of the test findings and the potential savings, along with a list of approved repair contractors. Testing will be done on new construction duct systems to ensure maximum efficiency and comfort in these new homes also. This testing will be available to the Builder, HVAC contractor, or homeowner. FPUC will utilize duct testing and expertise for the purpose of educating Builders and HVAC contractors by identifying problem areas and improvement methodologies or techniques.

Additionally, FPUC will offer two approved continuing education courses for building contractors licensed by the Florida Construction Industry Licensing Board (CILB). The two courses are: "Duct Leakage in Homes: Consequences, Control, and Code Requirements" and "Repairing Duct Leakage".

PROGRAM ACCOMPLISHMENTS : The program goal for this reporting period is 11 participants. As of the end of this reporting period we have had a total of 16 participants in the Marianna Division service territory.

PROGRAM FISCAL EXPENDITURES : The expenditures April 1, 1998 through December 31, 1998 were \$6,784.

PROGRAM PROGRESS SUMMARY : In order to ensure that we continue to exceed our goals FPUC will be sponsoring continuing education courses for building and HVAC contractors which will provide training in the areas of duct leakage identification and repair solutions. Contractors will then be in a better position to provide quality duct repair/installation services to FPUC customers. This training will be offered to area contractors in both service areas. The Marianna Division will be cosponsoring this training with Gulf Power and West Florida Electric Cooperative. As with the Enhanced Good Cents Program we are planning to offer these training seminars in cooperation with other utilities in order to allow us to offer these courses to local contractors at a much lower cost to us.

**PROGRAM TITLE :** Residential Geothermal Heat Pump

**PROGRAM DESCRIPTION :** The objective of the Residential Geothermal Heat Pump Program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of advanced and emerging geothermal systems. Geothermal heat pumps also provide significant benefits to participating customers in the form of reduced operating costs and increased comfort levels, and are superior to other available heating and cooling technologies with respect to source efficiency and environmental impacts. FPUC's proposed Geothermal Heat Pump program is designed to overcome existing market barriers, specifically, lack of consumer awareness, knowledge, and acceptance of this technology.

This program will promote efficiency levels well above current market conditions, specifically those units with an Energy Efficiency Ratio (EER) of 13.0 or higher. The Department of Energy (DOE) is touting geothermal technology as the most energy-efficient and environmentally clean space-conditioning system available today. Additionally, a recent DOE study indicates that geothermal systems have the lowest life-cycle cost of any HVAC system today.

**PROGRAM ACCOMPLISHMENTS :** At this time we have one geothermal installation in the process, which should be completed within the next reporting period. Many customers are beginning to learn more about this technology and we are confident that we will see a greater number of geothermal installations in the future.

**PROGRAM FISCAL EXPENDITURES :** The expenditures April 1, 1998 through December 31, 1998 were \$1,242.

**PROGRAM PROGRESS SUMMARY :** Even though there is not a particular goal for this program we feel confident that by our efforts to promote this technology we will see a number of geothermal installations in our service territory in the future. We will continue to educate customers and strive to develop a network of installers in order to better promote this highly energy efficient heating and cooling source.

**PROGRAM TITLE :** Residential Energy Audits

**PROGRAM DESCRIPTION :** The objective of the Residential Energy Audit Program is to provide FPUC's residential customers with energy conservation advice that will encourage the implementation of efficiency measures resulting in energy savings for the customer. FPUC views this program as a vehicle to promote the installation of cost-effective conservation features. During the audit process, the customer is provided with specific whole-house recommendations. Through follow-up audit work, FPUC monitors and tracks the implementation of the measures.

The "Appliance Efficiency Education" DSM program from JEA's DSM Plan will be incorporated into these residential energy audits. The customer will be educated on the expense of operating a second refrigerator or freezer and on the value of a high efficiency pool pump. The resulting increase in operating efficiencies will provide for a reduction in weather-sensitive peak demand, as well as a reduction in energy consumption.

**PROGRAM ACCOMPLISHMENTS :** The goal for this program for this reporting period is 106 participants. As of the end of this reporting period 125 audits have been conducted.

**PROGRAM FISCAL EXPENDITURES :** Expenditures beginning April 1, 1998 through December 31, 1998 were \$15,630.

**PROGRAM PROGRESS SUMMARY:** The Program to Date Goal for both divisions is 819 participants. At the end of this reporting period the Program to Date Actuals for both divisions is 1,280. We feel confident that by our efforts to promote this program through newspaper, radio and cable TV that we will continue to exceed our goal participants in this program in the future.

**PROGRAM TITLE : Low Income Customer Energy Audits**

**PROGRAM DESCRIPTION :** FPUC has provided low income customers benefits through its energy conservation programs for many years. Although programs are offered to customers without discrimination, the company recognizes that a customer may be less likely to participate in a particular program due to various circumstances, including lack of disposable income. FPUC does not directly identify low income participants, but base on experience and observations, it is apparent that low income customers are participating at levels similar to the overall residential population.

Every FPUC customer is eligible for an FPUC residential energy audit, but the audit recommendations usually require the customer to spend money replacing or adding energy conservation measures. Low income persons may not have the discretionary income to make these changes. In an effort to further assist FPUC's low income customers, FPUC will work with a local weatherization agency to provide weatherization energy audits for low income customers. FPUC will pay for these weatherization energy audits for any FPUC customer through the state weatherization program. The estimated cost per audit is \$50.

**PROGRAM ACCOMPLISHMENTS:** At the reporting time there has been no low-income customer audits completed. The Marianna Division conducted 83 low-income audits during the beginning of the current year.

**PROGRAM FISCAL EXPENDITURES :** Expenditures beginning April 1, 1998 through December 31, 1998 were \$3,193.

**PROGRAM PROGRESS SUMMARY:** The Program to Date Goal for both divisions is 105 participants . At the end of this reporting period the Program to Date Actuals for both divisions is 211. The Marianna Division is currently working with low-income agencies to assist them with energy audits for their home owners. We feel this alliance will assist us in continued success in exceeding our goals.

**PROGRAM TITLE : FPUC Express Loan Program**

**PROGRAM DESCRIPTION :** The objective of the FPUC Express Loan Program is to provide FPUC's residential customers a vehicle to encourage installation of energy conservation features in their homes. This below-market interest rate loan program provides financing from participating banks in FPUC's service area for up to \$5,000 for a period of 5 years (\$7,500 and 7 years if a closed loop heat pump is installed) to customers that choose to install energy conservation features in their existing homes.

The program provides FPUC a financing option to offer customers who wish to install conservation features in their homes. The program is designed to work in conjunction with FPUC's approved Residential Energy Audit Program. During the audit process, the customer is provided with specific whole-house recommendations. An FPUC representative will submit a completed loan application to a participating bank once the customer decides to install the conservation features. Along with the application, the FPUC representative will also provide the bank with a copy of the energy audit and a list of the specific energy conservation features recommended. After the application has been approved, the customer will contact a licensed contractor of their choice to install the recommended conservation features. After the work is completed, an inspection is performed by FPUC to ensure all energy conservation features covered by the loan are installed. Confirmation of the installed features is provided to the participating bank. The increased operating efficiencies of the installed features provide a reduction in weather sensitive peak demand as well as a reduction in overall energy consumption.

**PROGRAM ACCOMPLISHMENTS:** This year's goal is 8 program participants. To date, we have completed 13 FPUC Express Loans. Program participation is expected to increase as contractors, realtors and customers become more aware of the availability of the program.

**PROGRAM FISCAL EXPENDITURES :** Expenditures beginning April 1, 1998 through December 31, 1998 were \$8,408.

**PROGRAM PROGRESS SUMMARY :** We feel this program will be extremely successful due to increased advertising and our new promotional efforts on cable TV. During Residential Audits we will continue to inform customers of the advantages of this program. We will continue to develop close relationships with area realtors and contractors by providing them with program materials that will enhance their efforts to inform customers of this program.

**PROGRAM TITLE :** Enhanced Good Cents Home Program

**PROGRAM DESCRIPTION :** The objective of the Enhanced Good Cents Home Program is to provide Florida Public Utilities Company's residential customers guidance concerning energy efficiency in new construction. The program promotes energy efficient home construction techniques by evaluating components in the categories of design and construction practices. These categories include: wall insulation, doors, windows, perimeter/floor insulation, moisture/infiltration barrier, attic/ceiling insulation, attic ventilation system, centsable duct system, centsable water heating system, and HVAC system.

The program will result in reductions in energy usage and peak demand. FPUC will identify potential program participants through builder/developer relationships as well as through promotional activities. Additionally, FPUC will provide education and training to building contractors and building inspectors to encourage energy conservation. Two classes will be provided, both of which are approved continuing education courses for building contractors licensed by the Florida Construction Industry Licensing Board (CILB). The two classes are: "Constructing an Energy Efficient Home" and "Load and Duct Sizing Calculations: Computer Solutions".

**PROGRAM ACCOMPLISHMENTS :** A total of 15 Enhanced Good Cents Homes have been built at the end of this reporting period with 14 more qualified homes currently under construction.

**PROGRAM FISCAL EXPENDITURES :** Expenditures beginning April 1, 1998 through December 31, 1998 were \$18,703.

**PROGRAM PROGRESS SUMMARY :** The program goal through for this reporting period is thirty-two participants. We are considerably below our goal at this time but we are making progress. We've enhanced our efforts in promoting contractor participation and customer benefits. Information presentations have been made to educate area builders, realtors, and suppliers. Through our increased efforts we have seen our participation numbers rise over the past year. We will continue to build on our success with even greater creativity and better marketing efforts in order to reach our goal during the current year.

**PROGRAM TITLE :** Commercial/Industrial Good Cents Buildings

**PROGRAM DESCRIPTION :** The commercial/industrial market is comprised of a wide range of diverse businesses with variable size and operational characteristics. The success of the Commercial/Industrial Good Cents Building program lies in its ability to address this diversity by focusing on the mutual characteristics of commercial buildings. The most common critical areas in commercial buildings that affect summer peak demand are the thermal efficiency of the building and HVAC equipment efficiency. The Commercial/Industrial Good Cents Building program provides requirements for these area that, if adhered to, will help reduce peak demand and energy consumption.

Promotion of the Commercial/Industrial Good Cents Building program will feature a positive relationship with trade allies, the public, and local commercial/industrial customers. The program's design is sufficiently flexible to allow an architect or designer to use initiative and ingenuity to achieve results that are meaningFPUCI to both the customer and FPUC.

To provide an accurate quantitative analysis of the demand and energy savings due to the Commercial/Industrial Good Cents Building program, the Good Cents standards for our average commercial building are compared to the Florida Model Energy Code. The features used to prepare the customer's analysis include: wall and ceiling R-values; glass area; description of glass; and equipment used in determining the demand and energy differences for the two types of structures. The AXCESS - Energy Analysis Computer Program (AXCESS) is used in calculating these demand and energy differences.

**PROGRAM ACCOMPLISHMENTS :** To date, we have had one Good Cents Building qualification in the Marianna Division service territory with three more under construction.

**PROGRAM FISCAL EXPENDITURES :** Expenditures beginning April 1, 1998 through December 31, 1998 were \$3,873.

**PROGRAM PROGRESS SUMMARY :** The goal for this currnet reporting period is one Good Cents Buildings. The Program to Date Goal for both divisions is 11, and the Program to Date Actual total of Good Cents Building qualifications for both divisions is 21. We feel that we will continue our success with this program as we further develop relations with architects and contractors to gain knowledge of possible projects. We also plan to subscribe to the Dodge Report to learn about projects more in advance. We have laid the foundation of customer trust in this area through our Commercial/Industrial Audit and Technical Assistance Program and with these changes we feel we will continue to exceed program goal.



**PROGRAM TITLE :** Commercial/Industrial Energy Audits and Technical Assistance

**PROGRAM DESCRIPTION :** FPUC provides auditing services to the commercial and industrial classes to assist in the evaluation of specific energy requirements of a given structure.

FPUC's representative will be provided a prospective customer for an audit through a phone call, advertising, a complaint, or referral. In this initial contact the representative determines needs, sets an appointment, and begins to gather some basic data such as the address, account number, business type, and past energy records.

At the time of the audit, the representative discusses the audit and submits an outline of the procedure to the customer. During the discussion, the representative also acquires some customer data as it relates to the characteristics of the operation, time of operation, occupancy, and duration of the occupancy. In the audit's visual inspections, the representative observes overall layout, gathers equipment data, statistics, observes housekeeping and maintenance, checks various energy sources, and checks waste heat sources. The representative also makes appropriate measurements of lighting, ambient air temperatures, water temperatures, and air quantities.

After the visual inspection, the representative will return to the customer to review the total energy consumption and billing of the structure, and make general suggestions for improved efficiency that will have little or no cost associated with them. The representative will also identify major items for further study in which the customer will have the option of making capital expenditures.

**PROGRAM PROJECTION :** Commercial/Industrial Audits have been completed for eighteen customers to date. The DSM plan goal is nine participants for this particular program.

**PROGRAM FISCAL EXPENDITURES :** Expenditures beginning April 1, 1998 through December 31, 1998 were \$6,808.

**PROGRAM PROGRESS SUMMARY :** The Program to Date Goal for both divisions is 63 and the Program to Date Actual participation for both divisions is 98. This program has exceeded goal and we are optimistic that our commercial/industrial customers will involve us to a greater extent in future projects based upon the work we are currently doing in this area.

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA

SCHEDULE CT-1

CONSERVATION ADJUSTMENT TRUE-UP

PAGE 1 OF 1

FOR MONTHS      April-98    THROUGH      December-98

1.	ADJUSTED END OF PERIOD TOTAL NET TRUE-UP		
2.	FOR MONTHS      April-98      THROUGH      December-98		
3.	END OF PERIOD NET TRUE-UP		
4.	PRINCIPAL	<u>(117,268)</u>	
5.	INTEREST	<u>(5,392)</u>	<u>(122,660)</u>
6.	LESS PROJECTED TRUE-UP		
7.	November-98      (DATE) HEARINGS		
8.	PRINCIPAL	<u>(101,275)</u>	
9.	INTEREST	<u>(5,297)</u>	<u>(106,572)</u>
10.	ADJUSTED END OF PERIOD TOTAL TRUE-UP		<u><u>(16,088)</u></u>

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-2)  
PAGE 20 OF 38

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VS PROJECTED

	FOR MONTHS	April-98	THROUGH	December-98	
		<u>ACTUAL</u>		<u>PROJECTED*</u>	<u>DIFFERENCE</u>
1.	LABOR/PAYROLL	38,656		40,588	(1,932)
2.	ADVERTISING	11,979		12,270	(291)
3.	LEGAL	317		1,317	(1,000)
4.	OUTSIDE SERVICES/CONTRACT	19,960		23,460	(3,500)
5.	VEHICLE COST	4,884		5,640	(756)
6.	MATERIAL & SUPPLIES	11,193		13,015	(1,822)
7.	TRAVEL	2,668		2,915	(247)
8.	GENERAL & ADMIN	7,553		7,676	(123)
9.	INCENTIVES	0		359	(359)
10.	OTHER	1,614		4,118	(2,504)
11.	SUB-TOTAL	98,824		111,358	(12,534)
12.	PROGRAM REVENUES				
13.	TOTAL PROGRAM COSTS	98,824		111,358	(12,534)
14.	LESS: PRIOR PERIOD TRUE-UP	137,457		137,457	0
15.	AMOUNTS INCLUDED IN RATE BASE				
16.	CONSERVATION ADJ REVENU	78,635		75,176	3,459
17.	ROUNDING ADJUSTMENT				
18.	TRUE-UP BEFORE INTEREST	(117,268)		(101,275)	(15,993)
19.	ADD INTEREST PROVISION	(5,392)		(5,297)	(95)
20.	END OF PERIOD TRUE-UP	(122,660)		(106,572)	(16,088)

() REFLECTS OVERRECOVERY

\* 7 MONTHS ACTUAL AND 2 MONTHS PROJECTED

ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS April-98 THROUGH December-98

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1. In Concert with the Environment	927	0	0	11,388	0	0	0	25	0	0	12,340		12,340
2. Direct Leakage Repair	2,106	102	0	0	0	3,014	0	0	0	16	5,238		5,238
3. Residential Geothermal Heat Pump	972	572	0	0	0	0	0	0	0	0	1,544		1,544
4. Residential Energy Audits	5,276	4,015	0	32	0	2,219	74	104	0	21	11,741		11,741
5. Low Income Customer Energy Audits	499	0	0	0	0	1,415	0	0	0	0	1,914		1,914
6. FPU Express	1,966	2,839	0	0	0	1,795	0	62	0	0	6,662		6,662
7. Enhanced Good Cents Home	5,108	3,766	0	0	0	4	1,288	472	0	746	11,384		11,384
8. Commercial/Industrial Good Cents Building	1,108	685	0	0	0	1,415	91	18	0	0	3,317		3,317
9. Commercial/Industrial Energy Audits & Tech. Ass	5,186	0	0	8,540	0	328	1,200	140	0	98	15,492		15,492
10. Common	15,508	0	317	0	4,884	1,003	15	6,732	0	733	29,192		29,192
11.													
12.													
13.													
14.													
15.													
16.													
17.													
18.													
19.													
20.													
TOTAL ALL PROGRAMS	38,656	11,979	317	19,960	4,884	11,193	2,668	7,553	0	1,614	98,824	0	98,824

CONSERVATION COSTS PER PROGRAM--VARIANCE ACTUAL VS PROJECTED  
VARIANCE ACTUAL VS PROJECTED

FOR MONTHS April-98 THROUGH December-98

PROGRAM NAME	LABOR &		LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL &			SUB TOTAL	PROGRAM REVENUES	TOTAL
	PAYROLL	ADVERTISING						ADMIN.	INCENTIVES	OTHER			
1. In Concert with the Environment	(42)	0	0	0	(100)	(2,000)	0	(100)	0	0	(2,242)	0	(2,242)
2. Direct Leakage Repair	60	(200)	0	(300)	(100)	(300)	(200)	(100)	0	(184)	(1,324)	0	(1,324)
3. Residential Geothermal Heat Pump	(40)	(199)	0	(300)	(100)	(300)	0	(100)	0	(400)	(1,439)	0	(1,439)
4. Residential Energy Audits	6	(632)	0	0	(200)	319	(200)	(312)	(21)	(379)	(1,419)	0	(1,419)
5. Low Income Customer Energy Audits	(188)	(300)	0	(200)	(100)	320	0	(100)	0	(500)	(1,068)	0	(1,068)
6. FPU Express	4	253	0	(200)	(100)	319	0	(163)	0	(500)	(387)	0	(387)
7. Enhanced Good Cents Home	(382)	702	0	(500)	(200)	(200)	(301)	(100)	0	(372)	(1,353)	0	(1,353)
8. Commercial/Industrial Good Cents Building	187	385	0	(700)	(100)	320	(300)	0	0	(500)	(708)	0	(708)
9. Commercial/Industrial Energy Audits & Tech. As	1,544	(300)	0	(1,300)	(200)	(300)	753	(475)	0	(402)	(680)	0	(680)
10. Common	(3,081)	0	(1,000)	0	444	0	1	1,327	(338)	733	(1,914)	0	(1,914)
11.													
12.													
13.													
14.													
15.													
16.													
17.													
18.													
19.													
20.													
TOTAL ALL PROGRAMS	(1,932)	(291)	(1,000)	(3,500)	(756)	(1,822)	(247)	(123)	(359)	(2,504)	(12,534)	0	(12,534)

ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION  
SUMMARY OF EXPENSES BY PROGRAM BY MONTH

FOR MONTHS April-98 THROUGH December-98

A. CONSERVATION EXPENSE BY PROGRAM		APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			TOTAL	
1.	In Concert with the Environment	285	212	93	107	97	73	11,315	28	130	0	0	0	12,340
2.	Direct Leakage Repair	180	504	397	2,831	153	286	611	184	92	0	0	0	5,238
3.	Residential Geothermal Heat Pump	158	105	499	232	112	176	102	88	72	0	0	0	1,544
4.	Residential Energy Audits	630	1,425	1,572	1,438	975	1,171	2,349	1,680	501	0	0	0	11,741
5.	Low Income Customer Energy Audits	9	51	54	59	97	132	780	647	85	0	0	0	1,914
6.	FPU Express	384	954	601	1,052	602	445	1,010	935	679	0	0	0	6,662
7.	Enhanced Good Cents Home	385	704	811	1,675	1,994	2,352	1,016	1,281	1,166	0	0	0	11,384
8.	Commercial/Industrial Good Cents Building	176	129	51	143	114	214	798	766	926	0	0	0	3,317
9.	Commercial/Industrial Energy Audits & Tech. As	1,038	414	274	9,818	265	328	436	817	2,102	0	0	0	15,492
10.	Common	2,745	2,940	3,442	3,791	3,399	3,263	3,528	4,167	1,917	0	0	0	29,192
11.														
12.														
13.														
14.														
15.														
16.														
17.														
18.														
19.														
20.														
21.	TOTAL ALL PROGRAMS	5,990	7,438	7,794	21,146	7,808	8,440	21,945	10,593	7,670	0	0	0	98,824
22.	LESS AMOUNT INCLUDED IN RATE BASE													
23.	RECOVERABLE CONSERVATION EXPENSES	5,990	7,438	7,794	21,146	7,808	8,440	21,945	10,593	7,670	0	0	0	98,824

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA

SCHEDULE CT-3  
PAGE 2 OF 3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS April-98 THROUGH December-98

B. CONSERVATION REVENUES	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER				TOTAL
1. RESIDENTIAL CONSERVATION													0
2. CONSERVATION ADJ. REVENUES	6,161	6,648	10,147	11,205	9,619	9,724	9,129	8,109	7,893	0	0	0	78,635
3. TOTAL REVENUES	6,161	6,648	10,147	11,205	9,619	9,724	9,129	8,109	7,893	0	0	0	78,635
4. PRIOR PERIOD TRUE-UP ADJ. NOT APPLICABLE TO THIS PERIOD	8,591	8,591	8,591	8,591	8,591	8,591	8,591	8,591	8,591	0	0	0	103,095
5. CONSERVATION REVENUE APPLICABLE	14,752	15,239	18,738	19,796	18,210	18,315	17,720	16,700	16,484	0	0	0	181,730
6. CONSERVATION EXPENSES (FROM CT-3, PAGE 1, LINE 23)	5,990	7,438	7,794	21,146	7,808	8,440	21,945	10,593	7,670	0	0	0	98,824
7. TRUE-UP THIS PERIOD (LINE 5 - 6)	8,762	7,801	10,944	(1,350)	10,402	9,875	(4,225)	6,107	8,814	0	0	0	82,906
8. INTEREST PROVISION THIS PERIOD (FROM CT-3, PAGE 3, LINE 10)	635	634	644	633	613	604	558	542	529	0	0	0	5,392
9. TRUE-UP AND INTEREST PROVISION BEGINNING OF MONTH	137,457	138,263	138,107	141,104	131,796	134,220	136,108	123,850	121,908	0	0	0	137,457
9A. DEFERRED TRUE-UP BEGINNING OF PERIOD													
10. PRIOR TRUE-UP COLLECTED (REFUNDED)	(8,591)	(8,591)	(8,591)	(8,591)	(8,591)	(8,591)	(8,591)	(8,591)	(8,591)	0	0	0	(103,095)
11. TOTAL NET TRUE-UP (LINES 7+8+9+9A+10)	138,263	138,107	141,104	131,796	134,220	136,108	123,850	121,908	122,660	0	0	0	122,660

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-2)  
PAGE 25 OF 38

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA

SCHEDULE CT-3  
PAGE 3 OF 3

CALCULATION OF TRUE-UP AND INTEREST PROVISION

FOR MONTHS April-98 THROUGH December-98

C.	INTEREST PROVISION	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER			TOTAL	
1.	BEGINNING TRUE-UP (LINE B-9)	137,457	138,263	138,107	141,104	131,796	134,220	136,108	123,850	121,908	0	0	0	137,457
2.	ENDING TRUE-UP BEFORE INTEREST (LINES B7+B9+B9A+B10)	137,628	137,473	140,460	131,163	133,607	135,504	123,292	121,366	122,131	0	0	0	117,268
3.	TOTAL BEG. AND ENDING TRUE-UP	275,085	275,737	278,568	272,268	265,404	269,725	259,401	245,217	244,040	0	0	0	254,725
4.	AVERAGE TRUE-UP (LINE C-3 X 50%)	137,543	137,868	139,284	136,134	132,702	134,862	129,700	122,608	122,020	0	0	0	127,363
5.	INTEREST RATE - FIRST DAY OF REPORTING BUSINESS MONTH	5.55%	5.53%	5.50%	5.60%	5.56%	5.52%	5.22%	5.10%	5.50%				
6.	INTEREST RATE - FIRST DAY OF SUBSEQUENT BUSINESS MONTH	5.53%	5.50%	5.60%	5.56%	5.52%	5.22%	5.10%	5.50%	4.90%				
7.	TOTAL (LINE C-5 + C-6)	11.08%	11.03%	11.10%	11.16%	11.08%	10.74%	10.32%	10.60%	10.40%	0.00%	0.00%	0.00%	
8.	AVG. INTEREST RATE (C-7 X 50%)	5.54%	5.52%	5.55%	5.58%	5.54%	5.37%	5.16%	5.30%	5.20%	0.00%	0.00%	0.00%	
9.	MONTHLY AVERAGE INTEREST RATE	0.462%	0.460%	0.463%	0.465%	0.462%	0.448%	0.430%	0.442%	0.433%	0.000%	0.000%	0.000%	
10.	INTEREST PROVISION (LINE C-4 X C-9)	635	634	644	633	613	604	558	542	529	0	0	0	5,392

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-2)  
PAGE 26 OF 38



COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA

SCHEDULE CT-4

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

PAGE 1 OF 1

FOR MONTHS April-98 THROUGH December-98

	PROGRAM NAME:													
	BEGINNING OF PERIOD	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1. INVESTMENT														
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. RETURN REQUIREMENTS														
10. TOTAL DEPRECIATION AND RETURN														NONE

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-2)  
PAGE 27 OF 38

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA

SCHEDULE CT-5  
PAGE 1 OF 1

RECONCILIATION AND EXPLANATION OF  
DIFFERENCES BETWEEN FILING AND PSC AUDIT

FOR MONTHS April-98 THROUGH December-98

AUDIT EXCEPTION: TO OUR KNOWLEDGE, NONE EXIST

COMPANY RESPONSE:

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-2)  
PAGE 28 OF 38

1. IN CONCERT WITH THE ENVIRONMENT
2. DUCT LEAKAGE REPAIR
3. RESIDENTIAL GEOTHERMAL HEAT PUMP
4. RESIDENTIAL ENERGY AUDITS
5. LOW INCOME CUSTOMER ENERGY AUDITS
6. FU EXPRESS LOAN
7. ENHANCED GOOD CENTS HOME
8. COMMERCIAL/INDUSTRIAL GOOD CENTS BUILDING
9. COMMERCIAL/INDUSTRIAL ENERGY AUDITS AND  
TECHNICAL ASSISTANCE

**PROGRAM TITLE :** In Concert With the Environment

**PROGRAM DESCRIPTION :** In Concert With the Environment® is an environmental and energy awareness program that is being implemented in the 8th and 9th grade science classes in Florida Public Utilities Company's service area. The program will show students how everyday energy use impacts the environment and how using energy wisely increases environmental quality. In Concert With the Environment® is brought to students who are already making decisions which impact our country's energy supply and the environment. Wise energy use today can best be achieved by linking environmental benefits to wise energy-use activities and by educating both present and future consumers on how to live "in concert with the environment".

The "In Concert" program was designed for teachers and students from the ground up. "In Concert" comes complete with suggestions for implementation and evaluation, with quality materials designed to accentuate distinctive teaching styles. The program is flexible enough to be used as a stand-alone learning unit, or it can be integrated into existing lessons.

**PROGRAM ACCOMPLISHMENTS :** The offering of this program has been implemented in cooperation with area school board members, administrators, and teachers. The school which will participate in the Fernandina Beach service territory is Fernandina Beach High School. The goal for this particular program is 75 participants. Program participants numbered 44 for the period covered.

**PROGRAM FISCAL EXPENDITURES :** The expenditures April 1, 1998 through December 31, 1998 were \$12,340.

**PROGRAM PROGRESS SUMMARY :** Program accomplishments in this territory will fall short due to the small number of students. In the future we hope to offer "In Concert" to schools outside of our service territory in cooperation with other utilities and business partners.

**PROGRAM TITLE :** Duct Leakage Repair

**PROGRAM DESCRIPTION :** The objective of the Duct Leakage Repair Program is to provide FPUC's residential customers a means to identify house air duct leakage and recommend repairs that can reduce customer energy usage and demand.

FPUC will identify program participants through the Residential Energy Audit Program as well as through promotional activities. Blower Door testing required to identify and quantify the duct leakage will be performed by a contractor. After identification of the leakage sites and quantities, the customer will be given a written summary of the test findings and the potential savings, along with a list of approved repair contractors. Testing will be done on new construction duct systems to ensure maximum efficiency and comfort in these new homes also. This testing will be available to the Builder, HVAC contractor, or homeowner. FPUC will utilize duct testing and expertise for the purpose of educating Builders and HVAC contractors by identifying problem areas and improvement methodologies or techniques.

Additionally, FPUC will offer two approved continuing education courses for building contractors licensed by the Florida Construction Industry Licensing Board (CILB). The two courses are: "Duct Leakage in Homes: Consequences, Control, and Code Requirements" and "Repairing Duct Leakage".

**PROGRAM ACCOMPLISHMENTS :** The program goal for the current period is 14 participants. As of the end of this reporting period we have had a total of 125 participants in the Fernandina Beach service territory.

**PROGRAM FISCAL EXPENDITURES :** The expenditures April 1, 1998 through December 31, 1998 were \$5,238.

**PROGRAM PROGRESS SUMMARY :** While we do have a few area contractors who can provide this service, we will continue to sponsor continuing education courses for building and HVAC contractors which will provide training in the areas of duct leakage identification and repair solutions. More contractors will then be in a better position to provide quality duct repair/installation services to FPUC customers. The Fernandina Beach Division will be cosponsoring this training along with JEA and Clay Electric Cooperative. As with the Enhanced Good Cents Program we are offering these training seminars in cooperation with other utilities in order to allow us to offer these courses to local contractors at a much lower cost. With this training we feel confident that we continue to meet our PSC approved goals now and in the future.

**PROGRAM TITLE :** Residential Geothermal Heat Pump

**PROGRAM DESCRIPTION :** The objective of the Residential Geothermal Heat Pump Program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of advanced and emerging geothermal systems. Geothermal heat pumps also provide significant benefits to participating customers in the form of reduced operating costs and increased comfort levels, and are superior to other available heating and cooling technologies with respect to source efficiency and environmental impacts. FPUC's proposed Geothermal Heat Pump program is designed to overcome existing market barriers, specifically, lack of consumer awareness, knowledge, and acceptance of this technology.

This program will promote efficiency levels well above current market conditions, specifically those units with an Energy Efficiency Ratio (EER) of 13.0 or higher. The Department of Energy (DOE) is touting geothermal technology as the most energy-efficient and environmentally clean space-conditioning system available today. Additionally, a recent DOE study indicates that geothermal systems have the lowest life-cycle cost of any HVAC system today.

**PROGRAM ACCOMPLISHMENTS :** At this time we have had no geothermal installations completed in our service territory during this reporting period. However, customers are beginning to inquire concerning this technology.

**PROGRAM FISCAL EXPENDITURES :** The expenditures April 1, 1998 through December 31, 1998 were \$1,544.

**PROGRAM PROGRESS SUMMARY :** Even though there is no goal for this particular program, we feel confident that by our efforts to promote this technology we will see a number of geothermal installations in this service area during the next few years. We have contacted and been contacted by Representatives from Water Furnace International, the International Ground Source Heat Pump Association, the Geothermal Consortium and the U.S. Department of Energy concerning geothermal promotion, education, design assistance, etc. in this area of the country. We look forward to working closely with these contacts to develop a network of geothermal installers in this territory.

**PROGRAM TITLE :** Residential Energy Audits

**PROGRAM DESCRIPTION :** The objective of the Residential Energy Audit Program is to provide FPUC's residential customers with energy conservation advice that will encourage the implementation of efficiency measures resulting in energy savings for the customer. FPUC views this program as a vehicle to promote the installation of cost-effective conservation features. During the audit process, the customer is provided with specific whole-house recommendations. Through follow-up audit work, FPUC monitors and tracks the implementation of the measures.

The "Appliance Efficiency Education" DSM program from JEA's DSM Plan will be incorporated into these residential energy audits. The customer will be educated on the expense of operating a second refrigerator or freezer and on the value of a high efficiency pool pump. The resulting increase in operating efficiencies will provide for a reduction in weather-sensitive peak demand, as well as a reduction in energy consumption.

**PROGRAM ACCOMPLISHMENTS :** The goal for this program is 106 participants. Audits have been conducted for 280 residential customers during this reporting period.

**PROGRAM FISCAL EXPENDITURES :** Expenditures beginning April 1, 1998 through December 31, 1998 were \$11,741.

**PROGRAM PROGRESS SUMMARY:** This has been a very successful program to date. We feel confident that by our continuing efforts to promote this program through newspaper and cable TV advertisements that we will see increased participation in this program in the future.

**PROGRAM TITLE :** Low Income Customer Energy Audits

**PROGRAM DESCRIPTION :** FPUC has provided low income customers benefits through its energy conservation programs for many years. Although programs are offered to customers without discrimination, the company recognizes that a customer may be less likely to participate in a particular program due to various circumstances, including lack of disposable income. FPUC does not directly identify low income participants, but base on experience and observations, it is apparent that low income customers are participating at levels similar to the overall residential population.

Every FPUC customer is eligible for an FPUC residential energy audit, but the audit recommendations usually require the customer to spend money replacing or adding energy conservation measures. Low income persons may not have the discretionary income to make these changes. In an effort to further assist FPUC's low income customers, FPUC will work with a local weatherization agency to provide weatherization energy audits for low income customers. FPUC will pay for these weatherization energy audits for any FPUC customer through the state weatherization program. The estimated cost per audit is \$50.

**PROGRAM ACCOMPLISHMENTS:** The goal for the current reporting period is 15 participants. No low-income customer audits were completed during this period.

**PROGRAM FISCAL EXPENDITURES :** Expenditures beginning April 1, 1998 through December 31, 1998 were \$1,914.

**PROGRAM PROGRESS SUMMARY:** At this time the agencies that we deal with to provide these services are at a standstill. Whether this is due to a lack of funding or aggressiveness on their part we cannot determine. We have made the contacts we need to make and will keep in touch with these organizations in order to stay up to date on their progress and needs. Also, many low-income customers likely have been participating in the Residential Energy Audit program without our knowledge. FPUC does not attempt to identify low-income customers during the time of participation.



**PROGRAM TITLE :** Enhanced Good Cents Home Program

**PROGRAM DESCRIPTION :** The objective of the Enhanced Good Cents Home Program is to provide Florida Public Utilities Company's residential customers guidance concerning energy efficiency in new construction. The program promotes energy efficient home construction techniques by evaluating components in the categories of design and construction practices. These categories include: wall insulation, doors, windows, perimeter/floor insulation, moisture/infiltration barrier, attic/ceiling insulation, attic ventilation system, centsable duct system, centsable water heating system, and HVAC system.

The program will result in reductions in energy usage and peak demand. FPUC will identify potential program participants through builder/developer relationships as well as through promotional activities. Additionally, FPUC will provide education and training to building contractors and building inspectors to encourage energy conservation. Two classes will be provided, both of which are approved continuing education courses for building contractors licensed by the Florida Construction Industry Licensing Board (CILB). The two classes are: "Constructing an Energy Efficient Home" and "Load and Duct Sizing Calculations: Computer Solutions".

**PROGRAM ACCOMPLISHMENTS :** The goal for this program during the current reporting period was 32 Enhanced Good Cents Homes. A total of 22 Enhanced Good Cents Homes have been built to date with several more currently under construction.

**PROGRAM FISCAL EXPENDITURES :** Expenditures beginning April 1, 1998 through December 31, 1998 were \$11,384.

**PROGRAM PROGRESS SUMMARY :** The program goal is forty-two participants by the end of the current year. We are approximately 21 percent below our goal at this time but are making progress each year. During 1997 there were only a total of eight Enhanced Good Cents Homes built in the Fernandina Beach service territory. Through our increased efforts this number has risen to 33 in 1998. We will continue to build on our successes with even greater creativity and focused marketing efforts in order to reach our goals in the upcoming years.

PROGRAM TITLE : Commercial/Industrial Good Cents Buildings

PROGRAM DESCRIPTION : The commercial/industrial market is comprised of a wide range of diverse businesses with variable size and operational characteristics. The success of the Commercial/Industrial Good Cents Building program lies in its ability to address this diversity by focusing on the mutual characteristics of commercial buildings. The most common critical areas in commercial buildings that affect summer peak demand are the thermal efficiency of the building and HVAC equipment efficiency. The Commercial/Industrial Good Cents Building program provides requirements for these area that, if adhered to, will help reduce peak demand and energy consumption.

Promotion of the Commercial/Industrial Good Cents Building program will feature a positive relationship with trade allies, the public, and local commercial/industrial customers. The program's design is sufficiently flexible to allow an architect or designer to use initiative and ingenuity to achieve results that are meaningful to both the customer and FPUC.

To provide an accurate quantitative analysis of the demand and energy savings due to the Commercial/Industrial Good Cents Building program, the Good Cents standards for our average commercial building are compared to the Florida Model Energy Code. The features used to prepare the customer's analysis include: wall and ceiling R-values; glass area; description of glass; and equipment used in determining the demand and energy differences for the two types of structures. The AXCESS - Energy Analysis Computer Program (AXCESS) is used in calculating these demand and energy differences.

PROGRAM ACCOMPLISHMENTS : The program goal for this program is two. During the current reporting period there were fourteen Good Cents Commercial Building qualifications in the Fernandina Beach service territory.

PROGRAM FISCAL EXPENDITURES : Expenditures beginning April 1, 1998 through December 31, 1998 were \$3,317.

PROGRAM PROGRESS SUMMARY : The goal for this program is two Good Cents Buildings for the current year. By developing a plan of action to gain knowledge of possible projects before the design stage begins we feel that we will have greater success with this program. We have laid the foundation of customer trust in this area through our Commercial/Industrial Audit and Technical Assistance Program. We feel that we will continue to exceed this goal in the upcoming years.

**PROGRAM TITLE :** Commercial/Industrial Energy Audits and Technical Assistance

**PROGRAM DESCRIPTION :** FPUC provides auditing services to the commercial and industrial classes to assist in the evaluation of specific energy requirements of a given structure.

FPUC's representative will be provided a prospective customer for an audit through a phone call, advertising, a complaint, or referral. In this initial contact the representative determines needs, sets an appointment, and begins to gather some basic data such as the address, account number, business type, and past energy records. At the time of the audit, the representative discusses the audit and submits an outline of the procedure to the customer. During the discussion, the representative also acquires some customer data as it relates to the characteristics of the operation, time of operation, occupancy, and duration of the occupancy. In the audit's visual inspections, the representative observes overall layout, gathers equipment data, statistics, observes housekeeping and maintenance, checks various energy sources, and checks waste heat sources. The representative also makes appropriate measurements of lighting, ambient air temperatures, water temperatures, and air quantities.

After the visual inspection, the representative will return to the customer to review the total energy consumption and billing of the structure, and make general suggestions for improved efficiency that will have little or no cost associated with them. The representative will also identify major items for further study in which the customer will have the option of making capital expenditures.

**PROGRAM ACCOMPLISHMENTS :** Commercial/Industrial Audits have been completed for twenty customers during this reporting period.

**PROGRAM FISCAL EXPENDITURES :** Expenditures beginning April 1, 1998 through December 31, 1998 were \$15,492.

**PROGRAM PROGRESS SUMMARY :** The DSM plan goal is nine participants for this particular program. Program participation has been excellent with many commercial/industrial customers having participated thus far. This program has far exceeded its goals. Our commercial/industrial customers are beginning to involve us to a greater extent in large capital projects which involve energy-based decisions.

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA

SCHEDULE C-1  
PAGE 1 OF 1

ENERGY CONSERVATION ADJUSTMENT  
SUMMARY OF COST RECOVERY CLAUSE CALCULATION

FOR MONTHS January-00 THROUGH December-00

1.	TOTAL INCREMENTAL COSTS (SCHEDULE C-2,PAGE 1, LINE 33)	<u>145,900</u>
2.	TRUE-UP (SCHEDULE C-3,PAGE 4,LINE 11)	<u>(30,228)</u>
3.	TOTAL (LINE 1 AND LINE 2)	<u>115,672</u>
4.	RETAIL KWH/THERM SALES	<u>271,482,000</u>
5.	COST PER KWH/THERM	<u>0.00042608</u>
6.	REVENUE TAX MULTIPLIER	<u>1.00072</u>
7.	ADJUSTMENT FACTOR ADJUSTED FOR TAXES (LINE 5 X LINE 6)	<u>0.00042600</u>
8.	CONSERVATION ADJUSTMENT FACTOR- (ROUNDED TO THE NEAREST .001 CENTS PER KWH/THERM)	<u><u>0.00043</u></u>

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-3)  
PAGE 1 OF 40

FLORIDA PUBLIC SERVICE COMMISSION  
NO. 990002-EG EXHIBIT NO. 17  
DATE: 11-27-09

DOCUMENT NUMBER-DATE  
11665 SEP 27 09  
FPSC-RECORDS/REPORTING

ESTIMATED CONSERVATION PROGRAM COSTS

FOR MONTHS January-00 THROUGH December-00

A. ESTIMATED EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. In Concert with the Environment (program eliminated)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Direct Leakage Repair	900	900	900	900	900	900	900	900	900	900	900	1,200	11,100
3. Residential Geothermal Heat Pump	500	500	500	500	500	500	500	500	500	500	500	800	6,300
4. Residential Energy Audits	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,300	18,900
5. Low Income Customer Energy Audits	500	500	500	500	500	500	500	500	500	500	500	600	6,100
6. FPU Express	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,100	12,100
7. Enhanced Good Cents Home	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,900	21,700
8. Commercial/Industrial Good Cents Building	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,200	16,600
9. Commercial/Industrial Energy Audits & Tech. Assit.	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	900	14,100
10. Common	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	2,700	39,000
11.													
12.													
13.													
14.													
15.													
16.													
17.													
18.													
19.													
31. TOTAL ALL PROGRAMS	12,200	12,200	12,200	12,200	12,200	12,200	12,200	12,200	12,200	12,200	12,200	11,700	145,900
32. LESS AMOUNT INCLUDED IN RATE BASE													
33. RECOVERABLE CONSERVATION EXPENSES	12,200	12,200	12,200	12,200	12,200	12,200	12,200	12,200	12,200	12,200	12,200	11,700	145,900

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-00 THROUGH December-00

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1. In Concert with the Environment (program eliminated)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Direct Leakage Repair	5,000	4,000	0	0	1,000	100	0	1,000	0	0	11,100	0	11,100
3. Residential Geothermal Heat Pump	2,000	1,000	0	0	1,000	100	0	1,000	0	1,200	6,300	0	6,300
4. Residential Energy Audits	7,500	6,800	0	1,000	1,000	100	1,400	1,100	0	0	18,900	0	18,900
5. Low Income Customer Energy Audits	3,000	1,000	0	0	1,000	100	0	1,000	0	0	6,100	0	6,100
6. FPU Express	4,000	6,000	0	0	1,000	100	0	1,000	0	0	12,100	0	12,100
7. Enhanced Good Cents Home	8,000	8,000	0	0	1,000	100	3,500	1,100	0	0	21,700	0	21,700
8. Commercial/Industrial Good Cents Building	2,000	6,000	0	2,000	1,000	100	4,500	1,000	0	0	16,600	0	16,600
9. Commercial/Industrial Energy Audits & Tech. Assit.	2,000	6,000	0	3,000	1,000	100	1,000	1,000	0	0	14,100	0	14,100
10. Common	34,700	0	1,000	0	2,000	0	0	0	0	1,300	39,000	0	39,000
11.													
12.													
13.													
14.													
15.													
16.													
17.													
18.													
19.													
20.													
31. TOTAL ALL PROGRAMS	68,200	38,800	1,000	6,000	10,000	800	10,400	8,200	0	2,500	145,900	0	145,900
32. LESS: BASE RATE RECOVERY													
33. NET PROGRAM COSTS	68,200	38,800	1,000	6,000	10,000	800	10,400	8,200	0	2,500	145,900	0	145,900

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA

SCHEDULE C-2

PAGE 3 OF 3

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

ESTIMATED FOR MONTHS January-00 THROUGH December-00

PROGRAM NAME:

	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT														
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE NET INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. EXPANSION FACTOR														
10. RETURN REQUIREMENTS														
11. TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-3)  
PAGE 4 OF 40

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA  
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3  
 PAGE 1 OF 5

ACTUAL FOR MONTHS      January-99    THROUGH    August-99  
 ESTIMATED FOR MONTHS    September-99    THROUGH    December-99

PROGRAM NAME	LABOR & ADVERTISING		LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & INCENTIVES			SUB TOTAL	PROGRAM REVENUES	TOTAL
	PAYROLL							ADMIN.		OTHER			
1. In Concert with the Environment													
A. ACTUAL	1,070	0	0	0	0	417	0	121	0	0	1,608		1,608
B. ESTIMATED	622	0	0	0	222	3,644	0	312	0	0	4,800		4,800
C. TOTAL	1,692	0	0	0	222	4,061	0	433	0	0	6,408		6,408
2. Direct Leakage Repair													
A. ACTUAL	895	355	0	0	0	1	0	0	0	0	1,251		1,251
B. ESTIMATED	622	844	0	0	178	0	0	356	0	0	2,000		2,000
C. TOTAL	1,517	1,199	0	0	178	1	0	356	0	0	3,251		3,251
3. Residential Geothermal Heat Pump													
A. ACTUAL	710	0	0	0	0	41	0	0	0	0	751		751
B. ESTIMATED	622	844	0	0	178	0	0	356	0	0	2,000		2,000
C. TOTAL	1,332	844	0	0	178	41	0	356	0	0	2,751		2,751
4. Residential Energy Audits													
A. ACTUAL	7,029	6,634	0	375	0	30	0	0	0	0	14,068		14,068
B. ESTIMATED	2,311	3,333	0	356	489	888	667	356	0	0	8,400		8,400
C. TOTAL	9,340	9,967	0	731	489	918	667	356	0	0	22,468		22,468
5. Low Income Customer Energy Audits													
A. ACTUAL	575	95	0	375	0	0	0	0	0	0	1,045		1,045
B. ESTIMATED	622	977	0	0	489	356	0	356	0	0	2,800		2,800
C. TOTAL	1,197	1,072	0	375	489	356	0	356	0	0	3,845		3,845
SUB-TOTAL ACTUAL	10,279	7,084	0	750	0	489	0	121	0	0	18,723		18,723
SUB-TOTAL ESTIMATED	4,799	5,998	0	356	1,556	4,888	667	1,736	0	0	20,000		20,000

LESS: INCLUDED IN RATE BASE  
 ACTUAL  
 ESTIMATED  
 TOTAL

NET PROGRAM COSTS

SEE PAGE 1A

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MAP-3)  
 PAGE 5 OF 40



COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA  
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3  
 PAGE 1A OF 5

PROGRAM NAME	ACTUAL FOR MONTHS	January-99	THROUGH	August-99								SUB	PROGRAM	TOTAL			
	ESTIMATED FOR MONTHS	September-99	THROUGH	December-99	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	TOTAL	REVENUES	TOTAL
6. FPU Express																	
A. ACTUAL		2,510	6,895	0	0	0	0	0	0	18	1,505	0	0	10,928	0	10,928	
B. ESTIMATED		578	2,176	0	356	178	356	0	356	0	0	0	0	4,000	0	4,000	
C. TOTAL		3,088	9,071	0	356	178	356	0	374	1,505	0	0	0	14,928	0	14,928	
7. Enhanced Good Cents Home																	
A. ACTUAL		5,895	5,789	0	486	0	2,107	4,638	295	0	0	0	0	19,210	0	19,210	
B. ESTIMATED		2,267	2,667	0	667	356	0	1,687	356	0	0	0	0	8,000	0	8,000	
C. TOTAL		8,162	8,456	0	1,153	356	2,107	6,325	651	0	0	0	0	27,210	0	27,210	
8. Commercial/Industrial Good Cents Building																	
A. ACTUAL		1,106	123	0	1,300	150	16	2,219	0	0	0	0	0	4,914	0	4,914	
B. ESTIMATED		933	1,022	0	1,244	222	356	667	356	0	0	0	0	4,800	0	4,800	
C. TOTAL		2,039	1,145	0	2,544	372	372	2,886	356	0	0	0	0	9,714	0	9,714	
9. Commercial/Industrial Energy Audits & Tech. Assit.																	
A. ACTUAL		2,426	222	0	2,067	0	0	3,327	31	0	225	0	0	8,298	0	8,298	
B. ESTIMATED		933	1,022	0	1,244	222	356	667	356	0	0	0	0	4,800	0	4,800	
C. TOTAL		3,359	1,244	0	3,311	222	356	3,994	387	0	225	0	0	13,098	0	13,098	
10. Common																	
A. ACTUAL		14,123	0	856	0	6,917	1,513	1,103	5,150	0	1,521	0	0	31,183	0	31,183	
B. ESTIMATED		10,978	0	1,333	0	889	0	0	0	0	0	0	0	13,200	0	13,200	
C. TOTAL		25,101	0	2,189	0	7,806	1,513	1,103	5,150	0	1,521	0	0	44,383	0	44,383	
TOTAL ACTUAL		36,339	20,113	856	4,603	7,067	4,125	11,287	5,615	1,505	1,746	0	0	93,256	0	93,256	
TOTAL ESTIMATED		20,488	12,885	1,333	3,867	3,423	5,956	3,688	3,160	0	0	0	0	54,800	0	54,800	
LESS: INCLUDED IN RATE BASE																	
ACTUAL																	
ESTIMATED																	
TOTAL																	
NET PROGRAM COSTS		56,827	32,998	2,189	8,470	10,490	10,081	14,975	8,775	1,505	1,746	0	0	148,056	0	148,056	

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MAP-3)  
 PAGE 6 OF 40

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

SCHEDULE C-3  
 PAGE 2 OF 5

ACTUAL FOR MONTHS      January-99    THROUGH    August-99  
 ESTIMATED FOR MONTHS    September-99    THROUGH    December-99

	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT														
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE NET INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. EXPANSION FACTOR														
10. RETURN REQUIREMENTS														
11. TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MAP-3)  
 PAGE 7 OF 40

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA  
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3  
 PAGE 3 OF 5

ACTUAL FOR MONTHS                      January-99    THROUGH    August-99  
 ESTIMATED FOR MONTHS              September-99 THROUGH    December-99

A. ESTIMATED EXPENSE BY PROGRAM	ACTUAL								TOTAL ACTUAL	ESTIMATED				TOTAL ESTIMATED	GRAND TOTAL
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST		SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1. In Concert with the Environment	205	313	119	456	85	354	76	0	1,608	1,200	1,200	1,200	1,200	4,800	6,408
2. Direct Leakage Repair	202	32	89	292	124	(1)	309	204	1,251	500	500	500	500	2,000	3,251
3. Residential Geothermal Heat Pump	36	106	(7)	39	149	371	49	8	751	500	500	500	500	2,000	2,751
4. Residential Energy Audits	2,317	1,200	1,975	2,423	949	1,962	2,086	1,156	14,088	2,100	2,100	2,100	2,100	8,400	22,488
5. Low Income Customer Energy Audits	469	32	152	131	82	81	19	79	1,045	700	700	700	700	2,800	3,845
6. FPU Express	795	1,146	1,389	2,806	671	1,176	1,700	1,245	10,928	1,000	1,000	1,000	1,000	4,000	14,928
7. Enhanced Good Cents Home	2,093	1,238	1,446	1,872	1,429	2,639	1,598	6,895	19,210	2,000	2,000	2,000	2,000	8,000	27,210
8. Commercial/Industrial Good Cents Building	551	32	56	1,211	290	153	585	2,036	4,914	1,200	1,200	1,200	1,200	4,800	9,714
9. Commercial/Industrial Energy Audits & Tech. A	3,274	354	337	402	335	81	807	2,708	8,298	1,200	1,200	1,200	1,200	4,800	13,098
10. Common	3,429	4,907	3,256	3,090	3,518	4,993	3,516	4,474	31,183	3,300	3,300	3,300	3,300	13,200	44,383
11.															
12.															
13.															
14.															
15.															
16.															
17.															
18.															
19.															
31. TOTAL ALL PROGRAMS	13,371	9,360	8,812	12,722	7,632	11,809	10,745	18,805	93,256	13,700	13,700	13,700	13,700	54,800	148,056
32. LESS AMOUNT INCLUDED IN RATE BASE															
33. RECOVERABLE CONSERVATION EXPENSES	13,371	9,360	8,812	12,722	7,632	11,809	10,745	18,805	93,256	13,700	13,700	13,700	13,700	54,800	148,056

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MAP-3)  
 PAGE 8 OF 40

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA  
ENERGY CONSERVATION ADJUSTMENT  
CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3  
PAGE 4 OF 5

	ACTUAL FOR MONTHS	January-99	THROUGH	August-99													
	ESTIMATED FOR MONTHS	September-99	THROUGH	December-99	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
B. CONSERVATION REVENUES																	
1. RCS AUDIT FEES																	
a.																	
b.																	
c.																	
2. CONSERVATION ADJ REVENUE (NET OF REVENUE TAXES)		8,933	7,198	7,619	5,524	6,021	7,194	7,809	8,934	8,201	6,638	5,590	6,341	86,002			
3. TOTAL REVENUES		8,933	7,198	7,619	5,524	6,021	7,194	7,809	8,934	8,201	6,638	5,590	6,341	86,002			
4. PRIOR PERIOD TRUE-UP--ADJ NOT APPLICABLE TO PERIOD		7,416	7,416	7,416	7,416	7,416	7,416	7,416	7,416	7,416	7,416	7,416	7,416	7,420	88,996		
5. CONSERVATION REVENUES APPLICABLE TO PERIOD		16,349	14,614	15,035	12,940	13,437	14,610	15,225	16,350	15,617	14,054	13,006	13,761	174,998			
6. CONSERVATION EXPENSES (FORM C-3, PAGE 3)		13,371	9,360	8,812	12,722	7,632	11,809	10,745	18,805	13,700	13,700	13,700	13,700	148,056			
7. TRUE-UP THIS PERIOD		2,978	5,254	6,223	218	5,805	2,801	4,480	(2,455)	1,917	354	(694)	61	26,942			
8. INTEREST PROVISION THIS PERIOD (C-3, PAGE 5)		351	337	334	317	300	296	289	270	243	216	183	150	3,286			
9. TRUE-UP & INTEREST PROVISION		88,996	84,909	83,084	82,225	75,344	74,033	69,714	67,067	57,466	52,210	45,364	37,437	88,996			
9A. DEFERRED TRUE-UP BEGINNING OF PERIOD																	
10. PRIOR TRUE-UP COLLECTED (REFUNDED)		(7,416)	(7,416)	(7,416)	(7,416)	(7,416)	(7,416)	(7,416)	(7,416)	(7,416)	(7,416)	(7,416)	(7,420)	(88,996)			
11. END OF PERIOD TOTAL NET TRUE- UP (SUM OF LINES 7,8,9,10)		84,909	83,084	82,225	75,344	74,033	69,714	67,067	57,466	52,210	45,364	37,437	30,228	30,228			

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-3)  
PAGE 9 OF 40

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA  
 ENERGY CONSERVATION ADJUSTMENT  
 CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3  
 PAGE 5 OF 5

ACTUAL FOR MONTHS      January-99    THROUGH    August-99  
 ESTIMATED FOR MONTHS    September-99    THROUGH    December-99

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C. INTEREST PROVISION													
1. BEGINNING TRUE-UP (LINE B-9)	88,996	84,909	83,084	82,225	75,344	74,033	69,714	67,067	57,466	52,210	45,364	37,437	30,228
2. ENDING TRUE-UP BEFORE INTEREST (LINE B7+B9+B10)	84,558	82,747	81,891	75,027	73,733	69,418	66,778	57,196	51,967	45,148	37,254	30,078	26,942
3. TOTAL BEG. AND ENDING TRUE-UP	173,554	167,656	164,975	157,252	149,077	143,451	136,492	124,263	109,433	97,358	82,618	67,515	57,170
4. AVERAGE TRUE-UP (LINE C-3 X 50 %)	86,777	83,828	82,488	78,626	74,539	71,726	68,246	62,132	54,717	48,679	41,309	33,758	28,585
5. INTEREST RATE-FIRST DAY OF REPORTING BUSINESS MONTH	4.90%	4.81%	4.85%	4.88%	4.80%	4.85%	5.05%	5.10%	5.32%	5.32%	5.32%	5.32%	5.32%
6. INTEREST RATE-FIRST DAY OF SUBSEQUENT BUSINESS MONTH	4.81%	4.85%	4.88%	4.80%	4.85%	5.05%	5.10%	5.32%	5.32%	5.32%	5.32%	5.32%	5.32%
7. TOTAL (LINE C-5 + C-6)	9.71%	9.66%	9.73%	9.68%	9.65%	9.90%	10.15%	10.42%	10.64%	10.64%	10.64%	10.64%	10.64%
8. AVG INTEREST RATE (C-7 X 50%)	4.86%	4.83%	4.87%	4.84%	4.83%	4.95%	5.08%	5.21%	5.32%	5.32%	5.32%	5.32%	5.32%
9. MONTHLY AVERAGE INTEREST RATE	0.405%	0.403%	0.405%	0.403%	0.402%	0.413%	0.423%	0.434%	0.443%	0.443%	0.443%	0.443%	0.443%
10. INTEREST PROVISION (LINE C-4 X C-9)	351	337	334	317	300	296	289	270	243	216	183	150	3,286

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MAP-3)  
 PAGE 10 OF 40

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - MARIANNA  
 CALCULATION OF CONSERVATION REVENUES

SCHEDULE C-4  
 PAGE 1 OF 1

FOR THE PERIOD January-99 THROUGH December-00

MONTH	KWH/THERM SALES (000) (NET OF 3RD PARTY)	CONSERVATION ADJUSTMENT REVENUE (NET OF REVENUE TAXES)	RATE
1999 JANUARY	23,508	8,933	ACTUAL
FEBRUARY	18,937	7,198	ACTUAL
MARCH	20,048	7,619	ACTUAL
APRIL	19,075	5,524	ACTUAL
MAY	20,786	6,021	ACTUAL
JUNE	24,839	7,194	ACTUAL
JULY	26,961	7,809	ACTUAL
AUGUST	30,842	8,934	ACTUAL
SEPTEMBER	28,674	8,201	0.02900
OCTOBER	23,211	6,638	0.02900
NOVEMBER	19,547	5,590	0.02900
DECEMBER	22,173	6,341	0.02900
SUB-TOTAL	278,601	86,002	
2000 JANUARY	23,540	10,031	0.04261
FEBRUARY	21,346	9,095	0.04261
MARCH	19,687	8,388	0.04261
APRIL	17,709	7,545	0.04261
MAY	19,187	8,175	0.04261
JUNE	24,463	10,423	0.04261
JULY	26,822	11,428	0.04261
AUGUST	27,462	11,701	0.04261
SEPTEMBER	27,965	11,915	0.04261
OCTOBER	22,610	9,634	0.04261
NOVEMBER	19,044	8,114	0.04261
DECEMBER	21,647	9,223	0.04261
SUB-TOTAL	271,482	115,672	
TOTALS	550,083	201,674	

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MAP-3)  
 PAGE 11 OF 40

**FLORIDA PUBLIC UTILITIES COMPANY  
MARIANNA DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 1 OF 9**

1. Duct Leakage Repair
2. Residential Geothermal Heat Pump
3. Residential Energy Audits
4. Low Income Customer Energy Audits
5. FPU Express
6. Enhanced Good Cents Home
7. Commercial/ Industrial Good Cents Building
8. Commercial/Industrial Energy Audits and Technical Assistance

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 12 OF 40

**FLORIDA PUBLIC UTILITIES COMPANY  
MARIANNA DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 2 OF 9**

PROGRAM TITLE : Duct Leakage Repair

PROGRAM DESCRIPTION : The objective of the Duct Leakage Repair Program is to provide FPUC's residential customers a means to identify house air duct leakage and recommend repairs that can reduce customer energy usage and demand.

FPUC will identify program participants through the Residential Energy Audit Program as well as through promotional activities. Blower Door testing required to identify and quantify the duct leakage will be performed by a contractor. After identification of the leakage sites and quantities, the customer will be given a written summary of the test findings and the potential savings, along with a list of approved repair contractors. Testing will be done on new construction duct systems to ensure maximum efficiency and comfort in these new homes also. This testing will be available to the Builder, HVAC contractor, or homeowner. FPUC will utilize duct testing and expertise for the purpose of educating Builders and HVAC contractors by identifying problem areas and improvement methodologies or techniques.

Additionally, FPUC will offer two approved continuing education courses for building contractors licensed by the Florida Construction Industry Licensing Board (CILB). The two courses are: "Duct Leakage in Homes: Consequences, Control, and Code Requirements" and "Repairing Duct Leakage".

PROGRAM PROJECTIONS: For January 2000 through December 2000: The goal for the number of program participants for this period is 18.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for this period are \$11,100.

PROGRAM PROGRESS SUMMARY: In order to ensure that we meet our current and future goals FPUC will continue educating builders and HVAC contractors in the areas of duct leakage identification and repair solutions. By working closely with contractors and offering our services they will be in a better position to provide quality duct repair/installation services to FPUC customers. With this relationship we feel confident that we can meet our PSC approved goals now and in the future.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 13 OF 40



PROGRAM TITLE : Residential Geothermal Heat Pump

PROGRAM DESCRIPTION : The objective of the Residential Geothermal Heat Pump Program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of advanced and emerging geothermal systems. Geothermal heat pumps also provide significant benefits to participating customers in the form of reduced operating costs and increased comfort levels, and are superior to other available heating and cooling technologies with respect to source efficiency and environmental impacts. FPUC's proposed Geothermal Heat Pump program is designed to overcome existing market barriers, specifically, lack of consumer awareness, knowledge, and acceptance of this technology.

This program will promote efficiency levels well above current market conditions, specifically those units with an Energy Efficiency Ratio (EER) of 13.0 or higher. The Department of Energy (DOE) is touting geothermal technology as the most energy-efficient and environmentally clean space-conditioning system available today. Additionally, a recent DOE study indicates that geothermal systems have the lowest life-cycle cost of any HVAC system today.

PROGRAM PROJECTIONS: For January 2000 through December 2000: FPUC intends to implement this program over an extended period of time, currently expected to be 5 years. At this time no participation goals have been set. FPUC will continue to educate consumers on geothermal technology and raise awareness of the availability, affordability, and improved customer satisfaction associated with these units.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for the period are \$6,300.

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this program we feel confident that by our efforts to promote this technology we will see a number of geothermal installations in our service areas during the current year. We will continue to educate contractors by offering Geothermal Certification classes and continue to develop a network of installers in order to better promote this highly efficient heating and cooling source.

**FLORIDA PUBLIC UTILITIES COMPANY  
MARIANNA DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 4 OF 9**

PROGRAM TITLE : Residential Energy Audits

PROGRAM DESCRIPTION : The objective of the Residential Energy Audit Program is to provide FPUC's residential customers with energy conservation advice that will encourage the implementation of efficiency measures resulting in energy savings for the customer. FPUC views this program as a vehicle to promote the installation of cost-effective conservation features. During the audit process, the customer is provided with specific whole-house recommendations. Through follow-up audit work, FPUC monitors and tracks the implementation of the measures.

The "Appliance Efficiency Education" DSM program from JEA's DSM Plan will be incorporated into these residential energy audits. The customer will be educated on the expense of operating a second refrigerator or freezer and on the value of a high efficiency pool pump. The resulting increase in operating efficiencies will provide for a reduction in weather-sensitive peak demand, as well as a reduction in energy consumption.

PROGRAM PROJECTIONS: For January 2000 through December 2000: The goal for the number of program participants for this period is 150.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for this period are \$18,900.

PROGRAM PROGRESS: We feel confident that by continuing our efforts to promote this program through bill stuffers, promotional materials, newspaper, and cable TV that we will continue to see a high participation level in this program in the future.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 15 OF 40

**FLORIDA PUBLIC UTILITIES COMPANY  
MARIANNA DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 5 OF 9**

PROGRAM TITLE : Low Income Customer Energy Audits

PROGRAM DESCRIPTION : FPUC has provided low income customers benefits through its energy conservation programs for many years. Although programs are offered to customers without discrimination, the company recognizes that a customer may be less likely to participate in a particular program due to various circumstances, including lack of disposable income. FPUC does not directly identify low income participants, but base on experience and observations, it is apparent that low income customers are participating at levels similar to the overall residential population.

Every FPUC customer is eligible for an FPUC residential energy audit, but the audit recommendations usually require the customer to spend money replacing or adding energy conservation measures. Low income persons may not have the discretionary income to make these changes. In an effort to further assist FPUC's low income customers, FPUC will work with a local weatherization agency to provide weatherization energy audits for low income customers. FPUC will pay for these weatherization energy audits for any FPUC customer through the state weatherization program. The estimated cost per audit is \$50.

PROGRAM PROJECTIONS: For January 2000 through December 2000: The goal for the number of program participants for this period is 25.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for this period are \$6,100

PROGRAM PROGRESS SUMMARY: FPUC will continue to work with Social Service Agencies and low-income housing managers as well as Federal Government agencies to provide information concerning weatherization programs and energy saving measures.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 16 OF 40

**FLORIDA PUBLIC UTILITIES COMPANY  
MARIANNA DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 6 OF 9**

PROGRAM TITLE : FPU Express Loan Program

PROGRAM DESCRIPTION : The objective of the FPU Express Loan Program is to provide FPUC's residential customers a vehicle to encourage installation of energy conservation features in their homes. This below-market interest rate loan program provides financing for up to \$15,000 for a period of 10 years to customers that choose to install energy conservation features in their existing homes.

The program provides FPUC a financing option to offer customers who wish to install conservation features in their homes. The program is designed to work in conjunction with FPUC's approved Residential Energy Audit Program. During the audit process, the customer is provided with specific whole-house recommendations. An FPUC representative will submit a completed loan application once the customer decides to install the conservation features. After the application has been approved, the customer will contact a licensed contractor of their choice to install the recommended conservation features. After the work is completed, an inspection is performed by FPUC to ensure all energy conservation features covered by the loan are installed. The increased operating efficiencies of the installed features provide a reduction in weather sensitive peak demand as well as a reduction in overall energy consumption.

PROGRAM PROJECTIONS: For January 2000 through December 2000: The goal for the number of program participants for this period is 13.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for the period are \$12,100.

PROGRAM PROGRESS SUMMARY: We feel this program will be continue to be successful due to increased advertising and promotional efforts. During Residential Audits we will inform residents of the advantages of this program as well as through newspaper and cable television advertising. We will continue to nurture the close relationships we have built with area realtors and contractors by providing them with program materials that will enhance their efforts to inform customers of this program.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 17 OF 40

**FLORIDA PUBLIC UTILITIES COMPANY  
MARIANNA DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 7 OF 9**

PROGRAM TITLE : Enhanced Good Cents Home Program

PROGRAM DESCRIPTION : The objective of the Enhanced Good Cents Home Program is to provide Florida Public Utilities Company's residential customers guidance concerning energy efficiency in new construction. The program promotes energy efficient home construction techniques by evaluating components in the categories of design and construction practices. These categories include: wall insulation, doors, windows, perimeter/floor insulation, moisture/infiltration barrier, attic/ceiling insulation, attic ventilation system, centsable duct system, centsable water heating system, and HVAC system.

The program will result in reductions in energy usage and peak demand. FPU will identify potential program participants through builder/developer relationships as well as through promotional activities. Additionally, FPUC will provide education and training to building contractors and building inspectors to encourage energy conservation. Two classes will be provided, both of which are approved continuing education courses for building contractors licensed by the Florida Construction Industry Licensing Board (CILB). The two classes are: "Constructing an Energy Efficient Home" and "Load and Duct Sizing Calculations: Computer Solutions".

PROGRAM PROJECTION: For January 2000 through December 2000: The goal for the number of program participants for this period is 53.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for the period are \$21,700.

PROGRAM PROGRESS SUMMARY: Program participation has been successful thus far despite low construction in our service territory. We will continue to use innovative ways to educate and advertise this program to our customers and contractors. Continuing to build a good working relationship with contractors will aide in promoting the program's benefits to the final consumer.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 18 OF 40

PROGRAM TITLE: Commercial/Industrial Good Cents Buildings

PROGRAM DESCRIPTION: The commercial/industrial market is comprised of a wide range of diverse businesses with variable size and operational characteristics. The success of the Commercial/Industrial Good Cents Building program lies in its ability to address this diversity by focusing on the mutual characteristics of commercial buildings. The most common critical areas in commercial buildings that affect summer peak demand are the thermal efficiency of the building and HVAC equipment efficiency. The Commercial/Industrial Good Cents Building program provides requirements for these area that, if adhered to, will help reduce peak demand and energy consumption.

Promotion of the Commercial/Industrial Good Cents Building program will feature a positive relationship with trade allies, the public, and local commercial/industrial customers. The program's design is sufficiently flexible to allow an architect or designer to use initiative and ingenuity to achieve results that are meaningful to both the customer and FPUC.

To provide an accurate quantitative analysis of the demand and energy savings due to the Commercial/Industrial Good Cents Building program, the Good Cents standards for our average commercial building are compared to the Florida Model Energy Code. The features used to prepare the customer's analysis include: wall and ceiling R-values; glass area; description of glass; and equipment used in determining the demand and energy differences for the two types of structures. The AXCESS - Energy Analysis Computer Program (AXCESS) is used in calculating these demand and energy differences.

PROGRAM PROJECTIONS: For January 2000 through December 2000: The goal for the number of program participants for this period is 3.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for the period are \$16,600.

PROGRAM PROGRESS SUMMARY: We contracted with Gulf Power in order to provide commercial services to our commercial/industrial customers. Utilizing aggressive advertising and by staying in contact with the decision makers has made this program successful and we will continue to see this program grow.

**FLORIDA PUBLIC UTILITIES COMPANY  
MARIANNA DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 9 OF 9**

PROGRAM TITLE : Commercial/Industrial Energy Audits and Technical Assistance

PROGRAM DESCRIPTION : FPUC provides auditing services to the commercial and industrial classes to assist in the evaluation of specific energy requirements of a given structure.

FPUC's representative will be provided a prospective customer for an audit through a phone call, advertising, a complaint, or referral. In this initial contact the representative determines needs, sets an appointment, and begins to gather some basic data such as the address, account number, business type, and past energy records. At the time of the audit, the representative discusses the audit and submits an outline of the procedure to the customer. During the discussion, the representative also acquires some customer data as it relates to the characteristics of the operation, time of operation, occupancy, and duration of the occupancy. In the audit's visual inspections, the representative observes overall layout, gathers equipment data, statistics, observes housekeeping and maintenance, checks various energy sources, and checks waste heat sources. The representative also makes appropriate measurements of lighting, ambient air temperatures, water temperatures, and air quantities.

After the visual inspection, the representative will return to the customer to review the total energy consumption and billing of the structure, and make general suggestions for improved efficiency that will have little or no cost associated with them. The representative will also identify major items for further study in which the customer will have the option of making capital expenditures.

PROGRAM PROJECTION: For January 2000 through December 2000: The goal for the number of program participants for this period is 15.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for this period are \$14,100.

PROGRAM PROGRESS SUMMARY : As has been stated previously, we have contracted with Gulf Power to provide these types of services to our customers. We have built trusting relationships with many of these customers by educating them concerning new technologies and by getting them in touch with people who could solve their particular problems. The work we have done in this area will continue to benefit FPUC by increased participation in this program.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 20 OF 40

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA

SCHEDULE C-1  
PAGE 1 OF 1

ENERGY CONSERVATION ADJUSTMENT  
SUMMARY OF COST RECOVERY CLAUSE CALCULATION

FOR MONTHS      January-00      THROUGH      December-00

1.	TOTAL INCREMENTAL COSTS (SCHEDULE C-2,PAGE 1, LINE 33)	<u>149,400</u>
2.	TRUE-UP (SCHEDULE C-3,PAGE 4,LINE 11)	<u>(45,130)</u>
3.	TOTAL (LINE 1 AND LINE 2)	<u>104,270</u>
4.	RETAIL KWH/THERM SALES	<u>386,198,000</u>
5.	COST PER KWH/THERM	<u>0.00026999</u>
6.	REVENUE TAX MULTIPLIER	<u>1.01597</u>
7.	ADJUSTMENT FACTOR ADJUSTED FOR TAXES (LINE 5 X LINE 6)	<u>0.00027400</u>
8.	CONSERVATION ADJUSTMENT FACTOR- (ROUNDED TO THE NEAREST .001 CENTS PER KWH/THERM)	<u><u>0.00027</u></u>

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-3)  
PAGE 21 OF 40



ESTIMATED CONSERVATION PROGRAM COSTS

FOR MONTHS January-00 THROUGH December-00

A. ESTIMATED EXPENSE BY PROGRAM	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. In Concert with the Environment (program eliminated)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Direct Leakage Repair	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	500	11,500
3. Residential Geothermal Heat Pump	600	600	600	600	600	600	600	600	600	600	600	300	6,900
4. Residential Energy Audits	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,900	19,500
5. Low Income Customer Energy Audits	500	500	500	500	500	500	500	500	500	500	500	500	6,000
6. FPU Express	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	800	12,900
7. Enhanced Good Cents Home	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,400	22,300
8. Commercial/Industrial Good Cents Building	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,400	22,300
9. Commercial/Industrial Energy Audits & Tech. Assit.	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,100	18,700
10. Common	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,900	29,300
11.													
12.													
13.													
14.													
15.													
16.													
17.													
18.													
19.													
31. TOTAL ALL PROGRAMS	12,600	12,600	12,600	12,600	12,600	12,600	12,600	12,600	12,600	12,600	12,600	10,800	149,400
32. LESS AMOUNT INCLUDED IN RATE BASE													
33. RECOVERABLE CONSERVATION EXPENSES	12,600	12,600	12,600	12,600	12,600	12,600	12,600	12,600	12,600	12,600	12,600	10,800	149,400

ESTIMATED CONSERVATION PROGRAM COSTS PER PROGRAM

FOR MONTHS January-00 THROUGH December-00

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1. In Concert with the Environment (program eliminated)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Direct Leakage Repair	5,500	2,900	0	0	1,100	400	700	900	0	0	11,500	0	11,500
3. Residential Geothermal Heat Pump	2,500	1,000	0	0	1,200	0	0	900	1,300	0	6,900	0	6,900
4. Residential Energy Audits	8,500	5,900	0	1,500	1,200	500	1,000	900	0	0	19,500	0	19,500
5. Low Income Customer Energy Audits	2,500	1,000	0	0	1,200	400	0	900	0	0	6,000	0	6,000
6. FPU Express	5,500	4,900	0	0	1,200	400	0	900	0	0	12,900	0	12,900
7. Enhanced Good Cents Home	8,500	7,900	0	0	1,200	400	3,400	900	0	0	22,300	0	22,300
8. Commercial/Industrial Good Cents Building	5,500	5,900	0	5,000	1,100	400	3,500	900	0	0	22,300	0	22,300
9. Commercial/Industrial Energy Audits & Tech. Assit.	5,500	4,900	0	5,000	1,100	400	1,000	800	0	0	18,700	0	18,700
10. Common	25,000	0	1,000	0	2,000	0	0	0	0	1,300	29,300	0	29,300
11.													
12.													
13.													
14.													
15.													
16.													
17.													
18.													
19.													
20.													
31. TOTAL ALL PROGRAMS	69,000	34,400	1,000	11,500	11,300	2,900	9,600	7,100	1,300	1,300	149,400	0	149,400
32. LESS: BASE RATE RECOVERY													
33. NET PROGRAM COSTS	69,000	34,400	1,000	11,500	11,300	2,900	9,600	7,100	1,300	1,300	149,400	0	149,400

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA

SCHEDULE C-2

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN

PAGE 3 OF 3

ESTIMATED FOR MONTHS January-00 THROUGH December-00

PROGRAM NAME:

	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT														
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE NET INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. EXPANSION FACTOR														
10. RETURN REQUIREMENTS														
11. TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-3)  
PAGE 24 OF 40

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA  
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3  
 PAGE 1 OF 5

ACTUAL FOR MONTHS      January-99    THROUGH    August-99  
 ESTIMATED FOR MONTHS    September-99    THROUGH    December-99

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
1. In Concert with the Environment													
A. ACTUAL	517	0	0	0	0	0	0	75	0	0	592		592
B. ESTIMATED	133	0	0	0	0	3,644	0	223	0	0	4,000		4,000
C. TOTAL	650	0	0	0	0	3,644	0	298	0	0	4,592		4,592
2. Direct Leakage Repair													
A. ACTUAL	1,442	184	0	0	0	0	0	0	50	0	1,676		1,676
B. ESTIMATED	978	844	0	0	178	0	356	444	0	0	2,800		2,800
C. TOTAL	2,420	1,028	0	0	178	0	356	444	50	0	4,476		4,476
3. Residential Geothermal Heat Pump													
A. ACTUAL	1,032	184	0	0	0	0	0	0	0	14	1,230		1,230
B. ESTIMATED	267	356	0	178	178	0	356	265	0	0	1,600		1,600
C. TOTAL	1,299	540	0	178	178	0	356	265	0	14	2,830		2,830
4. Residential Energy Audits													
A. ACTUAL	5,622	9,493	0	188	0	88	151	0	0	10	15,552		15,552
B. ESTIMATED	2,622	2,667	0	178	356	667	667	843	0	0	8,000		8,000
C. TOTAL	8,244	12,160	0	366	356	755	818	843	0	10	23,552		23,552
5. Low Income Customer Energy Audits													
A. ACTUAL	345	0	0	583	0	0	0	0	0	0	928		928
B. ESTIMATED	1,333	844	0	0	356	667	0	400	0	0	3,600		3,600
C. TOTAL	1,678	844	0	583	356	667	0	400	0	0	4,528		4,528
SUB-TOTAL ACTUAL	8,958	9,861	0	771	0	88	151	75	50	24	19,978		19,978
SUB-TOTAL ESTIMATED	5,333	4,711	0	356	1,068	4,978	1,379	2,175	0	0	20,000		20,000
LESS: INCLUDED IN RATE BASE													
ACTUAL													
ESTIMATED													
TOTAL													
NET PROGRAM COSTS	SEE PAGE 1A												

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MAP-3)  
 PAGE 25 OF 40

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA  
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3  
 PAGE 1A OF 5

ACTUAL FOR MONTHS  
 ESTIMATED FOR MONTHS

January-99 THROUGH August-99  
 September-99 THROUGH December-99

PROGRAM NAME	LABOR & PAYROLL	ADVERTISING	LEGAL	OUTSIDE SERVICES	VEHICLE COST	MATERIALS & SUPPLIES	TRAVEL	GENERAL & ADMIN.	INCENTIVES	OTHER	SUB TOTAL	PROGRAM REVENUES	TOTAL
6. FPU Express													
A. ACTUAL	1,894	2,337	0	0	0	0	0	0	1,137	0	5,368		5,368
B. ESTIMATED	933	844	0	178	178	222	0	445	0	0	2,800		2,800
C. TOTAL	2,827	3,181	0	178	178	222	0	445	1,137	0	8,168		8,168
7. Enhanced Good Cents Home													
A. ACTUAL	3,786	6,072	0	486	0	1,064	366	76	0	88	11,938		11,938
B. ESTIMATED	2,622	2,667	0	178	356	178	1,689	710	0	0	8,400		8,400
C. TOTAL	6,408	8,739	0	664	356	1,242	2,055	786	0	88	20,338		20,338
8. Commercial/Industrial Good Cents Building													
A. ACTUAL	1,823	0	0	3,428	0	0	198	0	0	0	5,449		5,449
B. ESTIMATED	1,289	667	0	1,689	356	356	667	576	0	0	5,600		5,600
C. TOTAL	3,112	667	0	5,117	356	356	865	576	0	0	11,049		11,049
9. Commercial/Industrial Energy Audits & Tech. Assit.													
A. ACTUAL	8,020	0	0	1,529	0	320	2,445	454	0	346	13,114		13,114
B. ESTIMATED	1,244	356	0	1,689	356	356	667	532	0	0	5,200		5,200
C. TOTAL	9,264	356	0	3,218	356	676	3,112	986	0	346	18,314		18,314
10. Common													
A. ACTUAL	15,527	1,289	856	0	6,665	190	291	5,997	0	1,358	32,173		32,173
B. ESTIMATED	8,844	0	1,333	0	623	0	0	0	0	0	10,800		10,800
C. TOTAL	24,371	1,289	2,189	0	7,288	190	291	5,997	0	1,358	42,973		42,973
TOTAL ACTUAL	40,008	19,559	856	6,214	6,665	1,662	3,451	6,602	1,187	1,816	88,020	0	88,020
TOTAL ESTIMATED	20,265	9,245	1,333	4,090	2,937	6,090	4,402	4,438	0	0	52,800	0	52,800
LESS: INCLUDED IN RATE BASE													
ACTUAL													
ESTIMATED													
TOTAL													
NET PROGRAM COSTS	60,273	28,804	2,189	10,304	9,602	7,752	7,853	11,040	1,187	1,816	140,820	0	140,820

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MAP-3)  
 PAGE 26 OF 40

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA  
 SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION AND RETURN

SCHEDULE C-3  
 PAGE 2 OF 5

ACTUAL FOR MONTHS      January-99    THROUGH    August-99  
 ESTIMATED FOR MONTHS    September-99    THROUGH    December-99

	BEGINNING OF PERIOD	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1. INVESTMENT														
2. DEPRECIATION BASE														
3. DEPRECIATION EXPENSE														
4. CUMULATIVE INVESTMENT														
5. LESS: ACCUMULATED DEPRECIATION														
6. NET INVESTMENT														
7. AVERAGE NET INVESTMENT														
8. RETURN ON AVERAGE INVESTMENT														
9. EXPANSION FACTOR														
10. RETURN REQUIREMENTS														
11. TOTAL DEPRECIATION EXPENSE AND RETURN REQUIREMENT														NONE

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MAP-3)  
 PAGE 27 OF 40

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA  
 CONSERVATION PROGRAM COSTS

SCHEDULE C-3  
 PAGE 3 OF 5

ACTUAL FOR MONTHS  
 ESTIMATED FOR MONTHS

January-99 THROUGH August-99  
 September-99 THROUGH December-99

A. ESTIMATED EXPENSE BY PROGRAM	ACTUAL								TOTAL	ESTIMATED				TOTAL	GRAND
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	ACTUAL	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ESTIMATED	TOTAL
1. In Concert with the Environment	111	93	85	85	179	39	0	0	592	1,000	1,000	1,000	1,000	4,000	4,592
2. Direct Leakage Repair	151	406	209	378	126	87	185	134	1,676	700	700	700	700	2,800	4,476
3. Residential Geothermal Heat Pump	266	51	205	319	118	102	105	84	1,230	400	400	400	400	1,600	2,830
4. Residential Energy Audits	1,874	1,222	682	931	2,861	3,894	2,052	2,036	15,552	2,000	2,000	2,000	2,000	8,000	23,552
5. Low Income Customer Energy Audits	650	114	20	2	41	57	11	33	928	900	900	900	900	3,600	4,528
6. FPU Express	639	744	168	1,611	842	221	393	750	5,368	700	700	700	700	2,800	8,168
7. Enhanced Good Cents Home	1,912	591	695	1,418	1,688	2,005	612	3,017	11,938	2,100	2,100	2,100	2,100	8,400	20,338
8. Commercial/Industrial Good Cents Building	3,413	330	176	391	138	189	271	541	5,449	1,400	1,400	1,400	1,400	5,600	11,049
9. Commercial/Industrial Energy Audits & Tech. A	1,468	1,487	2,585	2,290	289	1,415	2,737	843	13,114	1,300	1,300	1,300	1,300	5,200	18,314
10. Common	4,167	4,344	3,384	3,670	4,155	4,952	4,139	3,362	32,173	2,700	2,700	2,700	2,700	10,800	42,973
11.															
12.															
13.															
14.															
15.															
16.															
17.															
18.															
19.															
31. TOTAL ALL PROGRAMS	14,651	9,382	8,209	11,095	10,437	12,961	10,505	10,780	88,020	13,200	13,200	13,200	13,200	52,800	140,820
32. LESS AMOUNT INCLUDED IN RATE BASE															
33. RECOVERABLE CONSERVATION EXPENSES	14,651	9,382	8,209	11,095	10,437	12,961	10,505	10,780	88,020	13,200	13,200	13,200	13,200	52,800	140,820

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MAP-3)  
 PAGE 28 OF 40

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA  
ENERGY CONSERVATION ADJUSTMENT  
CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3  
PAGE 4 OF 5

	ACTUAL FOR MONTHS ESTIMATED FOR MONTHS	January-99 September-99	THROUGH THROUGH	August-99 December-99										
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
B. CONSERVATION REVENUES														
1. RCS AUDIT FEES														
a.														
b.														
c.														
2. CONSERVATION ADJ REVENUE (NET OF REVENUE TAXES)		8,098	7,190	8,427	5,187	4,633	1,661	4,576	5,466	3,947	3,415	2,907	3,176	58,683
3. TOTAL REVENUES		8,098	7,190	8,427	5,187	4,633	1,661	4,576	5,466	3,947	3,415	2,907	3,176	58,683
4. PRIOR PERIOD TRUE-UP--ADJ NOT APPLICABLE TO PERIOD		10,222	10,222	10,222	10,222	10,222	10,222	10,222	10,222	10,222	10,222	10,222	10,218	122,660
5. CONSERVATION REVENUES APPLICABLE TO PERIOD		18,320	17,412	18,649	15,409	14,855	11,883	14,798	15,688	14,169	13,637	13,129	13,394	181,343
6. CONSERVATION EXPENSES (FORM C-3, PAGE 3)		14,651	9,382	8,209	11,095	10,437	12,961	10,505	10,780	13,200	13,200	13,200	13,200	140,820
7. TRUE-UP THIS PERIOD		3,669	8,030	10,440	4,314	4,418	(1,078)	4,293	4,908	969	437	(71)	194	40,523
8. INTEREST PROVISION THIS PERIOD (C-3, PAGE 5)		483	465	466	454	431	409	384	372	349	308	265	221	4,607
9. TRUE-UP & INTEREST PROVISION		122,660	116,590	114,863	115,547	110,093	104,720	93,829	88,284	83,342	74,438	64,961	54,933	122,660
9A. DEFERRED TRUE-UP BEGINNING OF PERIOD														
10. PRIOR TRUE-UP COLLECTED (REFUNDED)		(10,222)	(10,222)	(10,222)	(10,222)	(10,222)	(10,222)	(10,222)	(10,222)	(10,222)	(10,222)	(10,222)	(10,218)	(122,660)
11. END OF PERIOD TOTAL NET TRUE- UP (SUM OF LINES 7,8,9,10)		116,590	114,863	115,547	110,093	104,720	93,829	88,284	83,342	74,438	64,961	54,933	45,130	45,130

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-3)  
PAGE 29 OF 40



COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA  
ENERGY CONSERVATION ADJUSTMENT  
CALCULATION OF TRUE UP AND INTEREST PROVISION

SCHEDULE C-3  
PAGE 5 OF 5

ACTUAL FOR MONTHS      January-99    THROUGH    August-99  
ESTIMATED FOR MONTHS    September-99    THROUGH    December-99

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
C. INTEREST PROVISION													
1. BEGINNING TRUE-UP (LINE B-9)	122,660	116,590	114,863	115,547	110,093	104,720	93,829	88,284	83,342	74,438	64,961	54,933	45,130
2. ENDING TRUE-UP BEFORE INTEREST (LINE B7+B9+B10)	116,107	114,398	115,081	109,639	104,289	93,420	87,900	82,970	74,089	64,653	54,668	44,909	40,523
3. TOTAL BEG. AND ENDING TRUE-UP	238,767	230,988	229,944	225,186	214,382	198,140	181,729	171,254	157,431	139,091	119,629	99,842	85,653
4. AVERAGE TRUE-UP (LINE C-3 X 50 %)	119,384	115,494	114,972	112,593	107,191	99,070	90,865	85,627	78,716	69,546	59,815	49,921	42,827
5. INTEREST RATE-FIRST DAY OF REPORTING BUSINESS MONTH	4.90%	4.81%	4.85%	4.88%	4.80%	4.85%	5.05%	5.10%	5.32%	5.32%	5.32%	5.32%	5.32%
6. INTEREST RATE-FIRST DAY OF SUBSEQUENT BUSINESS MONTH	4.81%	4.85%	4.88%	4.80%	4.85%	5.05%	5.10%	5.32%	5.32%	5.32%	5.32%	5.32%	5.32%
7. TOTAL (LINE C-5 + C-6)	9.71%	9.66%	9.73%	9.68%	9.65%	9.90%	10.15%	10.42%	10.64%	10.64%	10.64%	10.64%	10.64%
8. AVG INTEREST RATE (C-7 X 50%)	4.86%	4.83%	4.87%	4.84%	4.83%	4.95%	5.08%	5.21%	5.32%	5.32%	5.32%	5.32%	5.32%
9. MONTHLY AVERAGE INTEREST RATE	0.405%	0.403%	0.405%	0.403%	0.402%	0.413%	0.423%	0.434%	0.443%	0.443%	0.443%	0.443%	0.443%
10. INTEREST PROVISION (LINE C-4 X C-9)	483	465	466	454	431	409	384	372	349	308	265	221	4,607

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES COMPANY  
(MAP-3)  
PAGE 30 OF 40

COMPANY: FLORIDA PUBLIC UTILITIES COMPANY - FERNANDINA  
 CALCULATION OF CONSERVATION REVENUES

SCHEDULE C-4  
 PAGE 1 OF 1

FOR THE PERIOD January-99 THROUGH December-00

MONTH	KWH/THERM SALES (000) (NET OF 3RD PARTY)	CONSERVATION ADJUSTMENT REVENUE (NET OF REVENUE TAXES)	RATE
1999 JANUARY	34,280	8,098	ACTUAL
FEBRUARY	30,439	7,190	ACTUAL
MARCH	35,671	8,427	ACTUAL
APRIL	32,986	5,187	ACTUAL
MAY	30,824	4,633	ACTUAL
JUNE	42,243	1,661	ACTUAL
JULY	42,270	4,576	ACTUAL
AUGUST	50,488	5,466	ACTUAL
SEPTEMBER	35,557	3,947	0.01100
OCTOBER	30,763	3,415	0.01100
NOVEMBER	26,191	2,907	0.01100
DECEMBER	28,611	3,176	0.01100
SUB-TOTAL	420,323	58,683	
2000 JANUARY	33,125	8,944	0.02700
FEBRUARY	31,153	8,411	0.02700
MARCH	28,953	7,817	0.02700
APRIL	26,959	7,279	0.02700
MAY	28,801	7,776	0.02700
JUNE	33,828	9,133	0.02700
JULY	37,858	10,221	0.02700
AUGUST	38,280	10,335	0.02700
SEPTEMBER	37,287	10,067	0.02700
OCTOBER	32,306	8,722	0.02700
NOVEMBER	27,563	7,442	0.02700
DECEMBER	30,085	8,123	0.02700
SUB-TOTAL	386,198	104,270	
TOTALS	806,521	162,953	

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 990002-EG  
 FLORIDA PUBLIC UTILITIES COMPANY  
 (MAP-3)  
 PAGE 31 OF 40

1. Duct Leakage Repair
2. Residential Geothermal Heat Pump
3. Residential Energy Audits
4. Low Income Customer Energy Audits
5. FPU Express
6. Enhanced Good Cents Home
7. Commercial/ Industrial Good Cents Building
8. Commercial/Industrial Energy Audits and Technical Assistance

**FLORIDA PUBLIC UTILITIES COMPANY  
FERNANDINA BEACH DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 2 OF 9**

PROGRAM TITLE: Duct Leakage Repair

PROGRAM DESCRIPTION: The objective of the Duct Leakage Repair Program is to provide FPUC's residential customers a means to identify house air duct leakage and recommend repairs that can reduce customer energy usage and demand.

FPUC will identify program participants through the Residential Energy Audit Program as well as through promotional activities. Blower Door testing required to identify and quantify the duct leakage will be performed by a contractor. After identification of the leakage sites and quantities, the customer will be given a written summary of the test findings and the potential savings, along with a list of approved repair contractors. Testing will be done on new construction duct systems to ensure maximum efficiency and comfort in these new homes also. This testing will be available to the Builder, HVAC contractor, or homeowner. FPUC will utilize duct testing and expertise for the purpose of educating Builders and HVAC contractors by identifying problem areas and improvement methodologies or techniques.

Additionally, FPUC will offer two approved continuing education courses for building contractors licensed by the Florida Construction Industry Licensing Board (CILB). The two courses are: "Duct Leakage in Homes: Consequences, Control, and Code Requirements" and "Repairing Duct Leakage".

PROGRAM PROJECTIONS: For January 2000 through December 2000: The number of program participants is projected to be 17.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for this period are \$11,500.

PROGRAM PROGRESS SUMMARY: In order to ensure that we continue to meet our current and future goals FPUC will continue educating builders and HVAC in the areas of duct leakage identification and repair solutions. By working closely with contractors and offering our services they will then be in a better position to provide quality duct repair/installation services to FPUC customers. With this relationship we feel confident that we can meet our PSC approved goals now and in the future.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 33 OF 40

**FLORIDA PUBLIC UTILITIES COMPANY  
FERNANDINA BEACH DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 3 OF 9**

PROGRAM TITLE: Residential Geothermal Heat Pump

PROGRAM DESCRIPTION: The objective of the Residential Geothermal Heat Pump Program is to reduce the demand and energy requirements of new and existing residential customers through the promotion and installation of

advanced and emerging geothermal systems. Geothermal heat pumps also provide significant benefits to participating customers in the form of reduced operating costs and increased comfort levels, and are superior to other available heating and cooling technologies with respect to source efficiency and environmental impacts. FPUC's proposed Geothermal Heat Pump program is designed to overcome existing market barriers, specifically, lack of consumer awareness, knowledge, and acceptance of this technology.

This program will promote efficiency levels well above current market conditions, specifically those units with an Energy Efficiency Ratio (EER) of 13.0 or higher. The Department of Energy (DOE) is touting geothermal technology as the most energy-efficient and environmentally clean space-conditioning system available today. Additionally, a recent DOE study indicates that geothermal systems have the lowest life-cycle cost of any HVAC system today.

PROGRAM PROJECTIONS: For January 2000 through December 2000: FPUC intends to implement this program over a five-year period. At this time participation goals have not been set. We will strive to educate consumers concerning geothermal technology in hopes that customer demand will make this technology more readily available in our service territory.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Expenditures for this period are expected to be approximately \$6,900.

PROGRAM PROGRESS SUMMARY: Even though there is no particular goal for this particular program we feel confident that by our efforts to promote this technology we will see a number geothermal installations in our service areas in the near future. We will continue to educate customers and strive to develop a network of installers in order to better promote this highly energy efficient heating and cooling source.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 34 OF 40

**FLORIDA PUBLIC UTILITIES COMPANY  
FERNANDINA BEACH DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 4 OF 9**

PROGRAM TITLE : Residential Energy Audits

PROGRAM DESCRIPTION: The objective of the Residential Energy Audit Program is to provide FPUC's residential customers with energy conservation advice that will encourage the implementation of efficiency measures resulting in energy savings for the customer. FPUC views this program as a vehicle to promote the installation of cost-effective conservation features. During the audit process, the customer is provided with specific whole-house recommendations. Through follow-up audit work, FPUC monitors and tracks the implementation of the measures.

The "Appliance Efficiency Education" DSM program from JEA's DSM Plan will be incorporated into these residential energy audits. The customer will be educated on the expense of operating a second refrigerator or freezer and on the value of a high efficiency pool pump. The resulting increase in operating efficiencies will provide for a reduction in weather-sensitive peak demand, as well as a reduction in energy consumption.

PROGRAM PROJECTIONS: For January 2000 through December 2000: The number of program participants is projected to be 150.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for this period are \$19,500.

PROGRAM PROGRESS SUMMARY: We feel confident that by our efforts to promote this program through bill stuffers, promotional materials, newspaper, and cable TV that we will see even greater participation in this program in the future.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 35 OF 40

**FLORIDA PUBLIC UTILITIES COMPANY  
FERNANDINA BEACH DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 5 OF 9**

PROGRAM TITLE : Low Income Customer Energy Audits

PROGRAM DESCRIPTION: FPUC has provided low income customers benefits through its energy conservation programs for many years. Although programs are offered to customers without discrimination, the company recognizes that a customer may be less likely to participate in a particular program due to various circumstances, including lack of disposable income. FPUC does not directly identify low income participants, but base on experience and observations, it is apparent that low income customers are participating at levels similar to the overall residential population.

Every FPUC customer is eligible for an FPUC residential energy audit, but the audit recommendations usually require the customer to spend money replacing or adding energy conservation measures. Low income persons may not have the discretionary income to make these changes. In an effort to further assist FPUC's low income customers, FPUC will work with a local weatherization agency to provide weatherization energy audits for low income customers. FPUC will pay for these weatherization energy audits for any FPUC customer through the state weatherization program. The estimated cost per audit is \$50.

PROGRAM PROJECTIONS: For January 2000 through December 2000: The number of program participants is projected to be 25.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for this period are \$6,000.

PROGRAM PROGRESS SUMMARY: FPUC will continue to work with Social Service Agencies and Low-Income housing managers to provide information concerning weatherization programs and energy saving measures.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 36 OF 40

**FLORIDA PUBLIC UTILITIES COMPANY  
FERNANDINA BEACH DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 6 OF 9**

PROGRAM TITLE: FPUC Express Loan Program

PROGRAM DESCRIPTION: The objective of the FPUC Express Loan Program is to provide FPUC's residential customers a vehicle to encourage installation of energy conservation features in their homes. This below-market interest rate loan program provides financing from participating banks in FPUC's service area for up to \$15,000 for a period of 10 years to customers that choose to install energy conservation features in their existing homes.

The program provides FPUC a financing option to offer customers who wish to install conservation features in their homes. The program is designed to work in conjunction with FPUC's approved Residential Energy Audit Program. During the audit process, the customer is provided with specific whole-house recommendations. An FPUC representative will submit a completed loan application to a participating bank once the customer decides to install the conservation features. Along with the application, the FPUC representative will also provide the bank with a copy of the energy audit and a list of the specific energy conservation features recommended. After the application has been approved, the customer will contact a licensed contractor of their choice to install the recommended conservation features. After the work is completed, an inspection is performed by FPUC to ensure all energy conservation features covered by the loan are installed. Confirmation of the installed features is provided to the participating bank. The increased operating efficiencies of the installed features provide a reduction in weather sensitive peak demand as well as a reduction in overall energy consumption.

PROGRAM PROJECTIONS: For January 2000 through December 2000: The number of program participants is projected to be 12.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for this period are \$12,900.

PROGRAM PROGRESS SUMMARY: We feel this program will continue to be extremely successful due to our advertising and promotional efforts. During Residential Audits we inform residents of the advantages of this program as well as through newspaper and cable television advertising. We will continue to nurture the close relationships we have built with area realtors and contractors by providing them with program materials that will enhance their efforts to inform customers of this program.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 37 OF 40



**FLORIDA PUBLIC UTILITIES COMPANY  
FERNANDINA BEACH DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 7 OF 9**

PROGRAM TITLE: Enhanced Good Cents Home Program

PROGRAM DESCRIPTION: The objective of the Enhanced Good Cents Home Program is to provide Florida Public Utilities Company's residential customers guidance concerning energy efficiency in new construction. The program promotes energy efficient home construction techniques by evaluating components in the categories of design and construction practices. These categories include: wall insulation, doors, windows, perimeter/floor insulation, moisture/infiltration barrier, attic/ceiling insulation, attic ventilation system, centsable duct system, centsable water heating system, and HVAC system.

The program will result in reductions in energy usage and peak demand. FPUC will identify potential program participants through builder/developer relationships as well as through promotional activities. Additionally, FPUC will provide education and training to building contractors and building inspectors to encourage energy conservation. Two classes will be provided, both of which are approved continuing education courses for building contractors licensed by the Florida Construction Industry Licensing Board (CILB). The two classes are: "Constructing an Energy Efficient Home" and "Load and Duct Sizing Calculations: Computer Solutions".

PROGRAM PROJECTIONS: For January 2000 through December 2000: The number of program participants is projected to be 52.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for this period are \$22,300.

PROGRAM PROGRESS SUMMARY: Participation in this program has increased due to our focus on builder relations. Thirty-eight Enhanced Good Cents Homes have been completed as of July 1999. We believe that through our efforts that we can meet PSC goals for this program during the current year and into the future.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 38 OF 40

**FLORIDA PUBLIC UTILITIES COMPANY  
FERNANDINA BEACH DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 8 OF 9**

PROGRAM TITLE: Commercial/Industrial Good Cents Buildings

PROGRAM DESCRIPTION: The commercial/industrial market is comprised of a wide range of diverse businesses with variable size and operational characteristics. The success of the Commercial/Industrial Good Cents Building program lies in its ability to address this diversity by focusing on the mutual characteristics of commercial buildings. The most common critical areas in commercial buildings that affect summer peak demand are the thermal efficiency of the building and HVAC equipment efficiency. The Commercial/Industrial Good Cents Building program provides requirements for these area that, if adhered to, will help reduce peak demand and energy consumption.

Promotion of the Commercial/Industrial Good Cents Building program will feature a positive relationship with trade allies, the public, and local commercial/industrial customers. The program's design is sufficiently flexible to allow an architect or designer to use initiative and ingenuity to achieve results that are meaningful to both the customer and FPUC.

To provide an accurate quantitative analysis of the demand and energy savings due to the Commercial/Industrial Good Cents Building program, the Good Cents standards for our average commercial building are compared to the Florida Model Energy Code. The features used to prepare the customer's analysis include: wall and ceiling R-values; glass area; description of glass; and equipment used in determining the demand and energy differences for the two types of structures. The AXCESS - Energy Analysis Computer Program (AXCESS) is used in calculating these demand and energy differences.

PROGRAM PROJECTIONS: For January 2000 through December 2000: The number of program participants is expected to be 2.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for this period are \$22,300.

PROGRAM PROGRESS SUMMARY: We contracted with Gulf Power in order to provide commercial services to our commercial/industrial customers. Utilizing aggressive advertising and by staying in contact with the decision-makers has made this program successful and we will continue to see this program grow.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 39 OF 40

**FLORIDA PUBLIC UTILITIES COMPANY  
FERNANDINA BEACH DIVISION  
PROGRAM DESCRIPTION AND PROGRESS**

**SCHEDULE C-5  
PAGE 9 OF 9**

PROGRAM TITLE: Commercial/Industrial Energy Audits and Technical Assistance

PROGRAM DESCRIPTION: FPUC provides auditing services to the commercial and industrial classes to assist in the evaluation of specific energy requirements of a given structure.

FPUC's representative will be provided a prospective customer for an audit through a phone call, advertising, a complaint, or referral. In this initial contact the representative determines needs, sets an appointment, and begins to gather some basic data such as the address, account number, business type, and past energy records. At the time of the audit, the representative discusses the audit and submits an outline of the procedure to the customer. During the discussion, the representative also acquires some customer data as it relates to the characteristics of the operation, time of operation, occupancy, and duration of the occupancy. In the audit's visual inspections, the representative observes overall layout, gathers equipment data, statistics, observes housekeeping and maintenance, checks various energy sources, and checks waste heat sources. The representative also makes appropriate measurements of lighting, ambient air temperatures, water temperatures, and air quantities.

After the visual inspection, the representative will return to the customer to review the total energy consumption and billing of the structure, and make general suggestions for improved efficiency that will have little or no cost associated with them. The representative will also identify major items for further study in which the customer will have the option of making capital expenditures.

PROGRAM PROJECTIONS: For January 2000 through December 2000: The number of program participants is expected to be 15.

PROGRAM FISCAL EXPENDITURES: For January 2000 through December 2000: Projected expenses for this period are \$18,700.

PROGRAM PROGRESS SUMMARY: As has been stated previously, we have contracted with Gulf Power Company to provide these types of services to our customers. We have built trusting relationships with many of these customers by educating them concerning new technologies and by getting them in touch with people who could solve their particular problems. The work we have done in this area will continue to benefit FPUC by increased participation in this program.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 990002-EG  
FLORIDA PUBLIC UTILITIES CO.  
(MAP-3)  
PAGE 40 OF 40

SCHEDULE CT-1

COMPANY:

ST. JOE NATURAL GAS

Docket No. 990002-EG  
SJNG Exhibit No. \_\_\_\_\_  
Adjusted Net True-Up for Twelve  
Months ending March 31, 1999.

FOR MONTHS: ADJUSTED NET TRUE-UP  
APRIL 98 THROUGH MARCH 1999

END OF PERIOD NET TRUE-UP

PRINCIPLE	(10,450)	
INTEREST	<u>(105)</u>	(10,555)

LESS PROJECTED TRUE-UP

PRINCIPLE	(20,500)	
INTEREST	<u>(194)</u>	<u>(20,694)</u>

ADJUSTED NET TRUE-UP		<u><u>10,139</u></u>
----------------------	--	----------------------

( ) REFLECTS OVER-RECOVERY

INDIANA PUBLIC SERVICE COMMISSION

DOCKET NO. 990002-EG 18

DOCUMENT NUMBER-DATE

DATE 11-22-99

06034 MAY 12 99

FILED IN RECORDS/REPORTING

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS  
ACTUAL VERSUS ESTIMATED

FOR MONTHS: APRIL 98 THROUGH MARCH 1999

	ACTUAL	PROJECTED*	DIFFERENCE
CAPITAL INVESTMENT	0	0	0
PAYROLL & BENEFITS	0	0	0
MATERIALS & SUPPLIES	0	0	0
ADVERTISING	0	0	0
INCENTIVES	23,575	31,450	(7,875)
OUTSIDE SERVICES	0	0	0
VEHICLES	0	0	0
OTHER	0	0	0
SUB-TOTAL	23,575	31,450	(7,875)
PROGRAM REVENUES	0	0	0
TOTAL PROGRAM COSTS	23,575	31,450	(7,875)
LESS:			
PAYROLL ADJUSTMENTS	0	0	0
AMOUNTS INCLUDED IN RATE BASE	0	0	0
CONSERVATION ADJUSTMENT REVENUES	(34,025)	(39,475)	5,450
ROUNDING ADJUSTMENT	0	0	0
TRUE-UP BEFORE INTEREST	(10,450)	(8,025)	(2,425)
INTEREST PROVISION	(105)	(194)	89
END OF PERIOD TRUE-UP	<u>(10,555)</u>	<u>(8,219)</u>	<u>(2,336)</u>

( ) REFLECTS OVER-RECOVERY

\* 2 MONTHS ACTUAL AND 10 MONTHS PROJECTED

ACTUAL CONSERVATION PROGRAM COSTS PER PROGRAM  
FOR MONTHS: APRIL 98 THROUGH MARCH 1999

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
PROGRAM 1: BUILDER PROGRAM	0	0	0	0	7,150	0	0	0	7,150
PROGRAM 2: ELECTRIC REPLACEMENT	0	0	0	0	16,425	0	0	0	16,425
PROGRAM 3: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 4: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 5: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 6: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 7: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 8: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 9: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 10: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 11: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 12: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 13: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 14: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 15: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 16: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 17: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 18: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 19: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 20: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23,575</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23,575</b>

CONSERVATION COSTS PER PROGRAM - VARIANCE ACTUAL VERSUS PROJECTED  
FOR MONTHS: APRIL 98 THROUGH MARCH 1999

PROGRAM NAME	CAPITAL INVESTMENT	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OUTSIDE SERVICES	VEHICLE	OTHER	TOTAL
PROGRAM 1: BUILDER PROGRAM	0	0	0	0	(7,100)	0	0	0	(7,100)
PROGRAM 2: ELECTRIC REPLACEMENT	0	0	0	0	(775)	0	0	0	(775)
PROGRAM 3: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 4: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 5: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 6: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 7: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 8: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 9: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 10: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 11: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 12: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 13: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 14: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 15: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 16: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 17: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 18: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 19: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
PROGRAM 20: (TYPE NAME HERE)	0	0	0	0	0	0	0	0	0
TOTAL TOTAL OF ALL PROGRAMS	0	0	0	0	(7,875)	0	0	0	(7,875)

( ) REFELCTS PROJECTED OVER ACTUAL EXPENSE ESTIMATES

ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION  
SUMMARY OF EXPENSES BY PROGRAM BY MONTH  
FOR MONTHS: APRIL 98 THROUGH MARCH 1999

EXPENSES:	MONTH NO. 1	MONTH NO. 2	MONTH NO. 3	MONTH NO. 4	MONTH NO. 5	MONTH NO. 6	MONTH NO. 7	MONTH NO. 8	MONTH NO. 9	MONTH NO. 10	MONTH NO. 11	MONTH NO. 12	TOTAL
PROGRAM 1:	850	1,700	0	0	600	350	250	425	600	850	775	750	7,150
PROGRAM 2:	2,700	675	225	900	450	1,800	675	675	2,250	2,025	1,575	2,475	16,425
PROGRAM 3:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 4:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 5:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 6:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 7:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 8:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 9:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 10:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 11:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 12:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 13:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 14:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 15:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 16:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 17:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 18:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 19:	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM 20:	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3,550	2,375	225	900	1,050	2,150	925	1,100	2,850	2,875	2,350	3,225	23,575
LESS AMOUNT INCLUDED IN RATE BASE	0	0	0	0	0	0	0	0	0	0	0	0	0
RECOVERABLE CONSERVATION EXPENSES	3,550	2,375	225	900	1,050	2,150	925	1,100	2,850	2,875	2,350	3,225	23,575



ENERGY CONSERVATION ADJUSTMENT CALCULATION OF TRUE-UP AND INTEREST PROVISION  
FOR MONTHS: APRIL 98 THROUGH MARCH 1999

CONSERVATION REVENUES	MONTH NO. 1	MONTH NO. 2	MONTH NO. 3	MONTH NO. 4	MONTH NO. 5	MONTH NO. 6	MONTH NO. 7	MONTH NO. 8	MONTH NO. 9	MONTH NO. 10	MONTH NO. 11	MONTH NO. 12	TOTAL
1. RCS AUDIT FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
2. OTHER PROGRAM REVS	0	0	0	0	0	0	0	0	0	0	0	0	0
3. CONSERV. ADJ REVS	(3,890)	(1,988)	(1,954)	(1,558)	(1,456)	(1,905)	(1,579)	(2,317)	(3,811)	(6,996)	(3,747)	(4,733)	(35,934)
4. TOTAL REVENUES	(3,890)	(1,988)	(1,954)	(1,558)	(1,456)	(1,905)	(1,579)	(2,317)	(3,811)	(6,996)	(3,747)	(4,733)	(35,934)
5. PRIOR PERIOD TRUE-UP NOT APPLICABLE TO THIS PERIOD	159	159	159	159	159	159	159	159	159	159	159	159	1,909
6. CONSERVATION REVS APPLICABLE TO THE PERIOD	(3,730)	(1,829)	(1,795)	(1,399)	(1,297)	(1,746)	(1,419)	(2,158)	(3,652)	(6,837)	(3,588)	(4,574)	(34,025)
7. CONSERVATION EXPS (FROM CT-3, PAGE 1)	3,550	2,375	225	900	1,050	2,150	925	1,100	2,850	2,875	2,350	3,225	23,575
8. TRUE-UP THIS PERIOD	(180)	546	(1,570)	(499)	(247)	404	(494)	(1,058)	(802)	(3,962)	(1,238)	(1,349)	(10,450)
9. INTER. PROV. THIS PERIOD (FROM CT-3, PAGE 3)	8	8	5	(0)	(3)	(3)	(4)	(8)	(13)	(22)	(33)	(40)	(105)
10. TRUE-UP & INTER. PROV. BEGINNING OF MONTH	1,909	1,577	1,973	249	(410)	(819)	(577)	(1,234)	(2,460)	(3,434)	(7,578)	(9,008)	
11. PRIOR TRUE-UP COLLECTED/(REFUNDED)	(159)	(159)	(159)	(159)	(159)	(159)	(159)	(159)	(159)	(159)	(159)	(159)	
12. TOTAL NET TRUE-UP (SUM LINES 8+9+10+11)	1,577	1,973	249	(410)	(819)	(577)	(1,234)	(2,460)	(3,434)	(7,578)	(9,008)	(10,555)	(10,555)

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
FOR MONTHS APRIL 98 THROUGH MARCH 1999

INTEREST PROVISION	MONTH NO. 1	MONTH NO. 2	MONTH NO. 3	MONTH NO. 4	MONTH NO. 5	MONTH NO. 6	MONTH NO. 7	MONTH NO. 8	MONTH NO. 9	MONTH NO. 10	MONTH NO. 11	MONTH NO. 12	TOTAL
1. BEGINNING TRUE-UP	1,909	1,577	1,973	249	(410)	(819)	(577)	(1,234)	(2,460)	(3,434)	(7,578)	(9,008)	
2. ENDING TRUE-UP BEFORE INTEREST	1,569	1,965	244	(409)	(816)	(574)	(1,231)	(2,451)	(3,421)	(7,555)	(8,974)	(10,515)	
3. TOTAL BEGINNING & ENDING TRUE-UP	3,478	3,542	2,217	(160)	(1,225)	(1,393)	(1,808)	(3,686)	(5,881)	(10,989)	(16,552)	(19,523)	
4. AVERAGE TRUE-UP (LINE 3 TIMES 50%)	1,739	1,771	1,108	(80)	(613)	(696)	(904)	(1,843)	(2,940)	(5,495)	(8,276)	(9,762)	
5. INTER. RATE - 1ST DAY OF REPORTING MONTH	5.500%	5.530%	5.500%	5.600%	5.560%	5.520%	5.220%	5.100%	5.500%	4.900%	4.810%	4.850%	
6. INTER. RATE - 1ST DAY OF SUBSEQUENT MONTH	5.530%	5.500%	5.600%	5.560%	5.520%	5.220%	5.100%	5.500%	4.900%	4.810%	4.850%	4.880%	
7. TOTAL (SUM LINES 5 & 6)	11.030%	11.030%	11.100%	11.160%	11.080%	10.740%	10.320%	10.600%	10.400%	9.710%	9.660%	9.730%	
8. AVG INTEREST RATE (LINE 7 TIMES 50%)	5.515%	5.515%	5.550%	5.580%	5.540%	5.370%	5.160%	5.300%	5.200%	4.855%	4.830%	4.865%	
9. MONTHLY AVG INTEREST RATE	0.460%	0.460%	0.463%	0.465%	0.462%	0.448%	0.430%	0.442%	0.433%	0.405%	0.403%	0.405%	
10. INTEREST PROVISION (LINE 4 TIMES LINE 9)	8	8	5	(0)	(3)	(3)	(4)	(8)	(13)	(22)	(33)	(40)	(105)



ST JOE NATURAL GAS  
CONSERVATION PROGRAM DESCRIPTION  
AND PROGRESS FOR MONTHES  
APRIL 98 THROUGH MARCH 1999

PROGRAM TITLE: SINGLE & MULTI-FAMILY BUILDER PROGRAM

PROGRAM DESCRIPTION: THIS PROGRAM IS DESIGNED TO INCREASE THE NUMBER OF HIGH PRIORITY FIRM NATURAL GAS CUSTOMERS IN THE NEW CONSTRUCTION MARKET. INCENTIVES ARE OFFERED IN THE FORM OF CASH ALLOWANCES TO ASSIST BUILDERS IN DEFRAYING THE ADDITIONAL COSTS ASSOCIATED WITH NATURAL GAS INSTALLATIONS.

<u>APPLIANCE LOAD</u>	<u>ALLOWANCE</u>
GAS HEATING	\$250.00
GAS WATER HEATING	\$175.00
GAS AIR CONDITIONING	\$1,400.00
	<u>\$1,825.00</u>

<u>PROGRAM ACCOMPLISHMENTS:</u>	PLANNED WATER HEATERS:	25
	PLANNED HEATING SYSTEMS:	15
	PLANNED AIR CONDITIONING:	0

<u>PROGRAM FISCAL EXPENDITURE</u>	ACTUAL EXPEND. W/O INTERES	\$7,150
-----------------------------------	----------------------------	---------

<u>PROGRAM PROGRESS SUMMARY:</u>	INSTALLED WATER HEATERS:	21
	INSTALLED HEATING SYSTEMS:	14
	INSTALLED AIR CONDITIONING:	0

ST JOE NATURAL GAS  
CONSERVATION PROGRAM DESCRIPTION  
AND PROGRESS FOR MONTHES  
APRIL 98 THROUGH MARCH 1999

PROGRAM TITLE: Electric Replacement Program

PROGRAM DESCRIPTION: THIS PROGRAM IS DESIGNED TO PROMOTE THE REPLACEMENT OF ELECTRIC RESISTENCE APPLIANCES WITH ENERGY EFFICIENT NATURAL GAS APPLIANCES. INCENTIVES ARE OFFERED IN THE FORM OF CASH ALLOWANCES TO ASSIST IN DEFRAYING THE ADDITIONAL COSTS IN PURCHASING AND INSTALLING NATURAL GAS APPLIANCES.

<u>APPLIANCE LOAD</u>	<u>ALLOWANCE</u>
GAS HEATING	\$450.00
GAS WATER HEATING	\$225.00
GAS AIR CONDITIONING	\$1,500.00
	<u>\$2,175.00</u>

<u>PROGRAM ACCOMPLISHMENTS:</u>	PLANNED WATER HEATERS:	65
	PLANNED HEATING SYSTEMS:	5
	PLANNED AIR CONDITIONING:	0

<u>PROGRAM FISCAL EXPENDITURE</u>	ACTUAL EXPEND. W/O INTERES	\$16,425
-----------------------------------	----------------------------	----------

<u>PROGRAM PROGRESS SUMMARY:</u>	INSTALLED WATER HEATERS:	69
	INSTALLED HEATING SYSTEMS:	2
	INSTALLED AIR CONDITIONING:	0